

STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

CASE 19-G-0309 - Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of The Brooklyn Union Gas Company d/b/a National Grid NY for Gas Service.

CASE 19-G-0310 - Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of KeySpan Gas East Corp. d/b/a National Grid for Gas Service.

CASE 18-M-0270 - Petition for Approval Pursuant to Public Service Law Section 113(2), of a Proposed Allocation of Certain Tax Refunds Between KeySpan Gas East Corporation d/b/a National Grid and Ratepayers.

ORDER APPROVING JOINT PROPOSAL, AS MODIFIED,
AND IMPOSING ADDITIONAL REQUIREMENTS

Issued and Effective: August 12, 2021

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STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

At a session of the Public Service
Commission held in the City of
Albany on August 12, 2021

COMMISSIONERS PRESENT:

John B. Howard, Chair
Diane X. Burman
James S. Alesi
Tracey A. Edwards
David J. Valesky
John B. Maggiore
Rory M. Christian

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(Issued and Effective August 12, 2021)

BY THE COMMISSION:

I. INTRODUCTION

On April 30, 2019, the Brooklyn Union Gas Company (KEDNY) and KeySpan Gas East Corporation (KEDLI) (collectively, the Companies), filed new proposed tariffs, which would

supersede the current tariff schedules and reset rates for the twelve-months ending on March 31, 2021 (Rate Year). The Companies thereafter revised and updated the rate filings and these proceedings were fully litigated, as detailed below. After settlement discussions, the Companies, together with Department of Public Service Trial Staff (DPS Staff) and certain other parties, submitted a Joint Proposal and supporting schedules that would establish three-year rate plans for the Companies.

During the extended course of these proceedings, two major events impacted the development of the Joint Proposal: the enactment into law of the Climate Leadership and Community Protection Act (CLCPA) and the coronavirus (Covid-19) pandemic. The CLCPA, signed by Governor Andrew Cuomo on July 18, 2019, sets forth New York's nation-leading policy goals in the fight against global climate change caused by the extraction and use of fossil fuels and the resulting emissions from that activity. The Covid-19 pandemic and the measures taken to control its spread have had wide-ranging impacts on the economy that continue to affect large portions of the population. As discussed in detail later in this Order, various provisions of the Joint Proposal further the objectives of the CLCPA and respond to the economic conditions created by the Covid-19 pandemic, while ensuring that the Companies, under the mandates of the Public Service Law, continue to provide safe and reliable service at just and reasonable rates.

The Joint Proposal manages the Companies' revenue requirements, the impact of the elimination of the tax sur-credit and the energy efficiency surcharge, along with the use and amortization of deferred customer credits, such that the Companies' customers will experience no delivery rate increases in Rate Year 1. Thereafter, customers will experience rate

impacts associated with revenue increases of only two percent for KEDNY and 1.8 percent for KEDLI during Rate Years 2 and 3, respectively. For an average residential customer, those proposed increases would result in total monthly bill increases of approximately \$5.56 (3.77 percent) in Rate Year 2 and \$4.89 (3.26 percent) in Rate Year 3 for KEDNY customers and \$5.35 (3.71 percent) in Rate Year 2 and \$5.45 (3.73 percent) in Rate Year 3 for KEDLI customers. The manner in which the Joint Proposal shapes the Companies' revenue requirements provides an immediate benefit to ratepayers who would otherwise experience higher rates at a time when the economy is still in recovery from the Covid-19 pandemic.

In addressing the goals of the CLCPA, the Joint Proposal, among other things, contains provisions that promote energy efficiency, demand response, geothermal, and electrification options to meet customers' energy needs while minimizing the need for additional gas infrastructure. The Joint Proposal also requires the Companies to prioritize leak prone pipe (LPP) removal based upon methane flow rate data, develop an enhanced methane detection program, discontinue natural gas marketing efforts and promotional programs, and provide educational information to customers about alternative heating options and the emission reduction requirements of the CLCPA. In addition, the Joint Proposal requires the Companies to conduct a study evaluating how their businesses may evolve to support the CLCPA's emission reduction and renewable energy goals and requires any proposed long-term capital projects to be evaluated by an independent consultant against specific criteria, including verification of the need for the project and its greenhouse gas emissions potential.

For the reasons detailed below, we approve and adopt the Joint Proposal and supporting schedules with limited

additional requirements.¹ We find that the agreed-upon rate plans will result in sufficient mitigation of rate impacts on customers while preserving the Companies' operational and financial stability; are consistent with the environmental, social and economic policies of the Commission and the State; and fall within the range of potential litigated outcomes or otherwise provide benefits to ratepayers that could not have been achieved in a fully-litigated proceeding. The Joint Proposal is therefore in the public interest.

II. PARTIES TO THE PROCEEDINGS

In addition to Department of Public Service Trial Staff (DPS Staff) and KEDNY and KEDLI, numerous other parties intervened and actively participated in these proceedings. These parties and their asserted interests are outlined below.

AARP NY has 2.5 million members, more than seven hundred thousand of whom reside in the Companies' service territories. Many of AARP NY's members are elderly and on fixed incomes. AARP NY's interest relates to low-income and energy assistance programs and the overall affordability of customer rates.²

The Alliance for a Green Economy New York (AGREE) is a public interest organization appearing in major rate cases to ensure that rates are consistent with New York's policies related to energy and climate policies and advocate for the affordable transition to renewable energy.

All Our Energy is a non-profit organization focused on stopping climate change and promoting environmental protection

¹ The Joint Proposal and supporting Appendices and Schedules are attached to this Order as Attachment A.

² AARP NY Initial Brief, pp. 1-2.

and whose members are residents of Long Island and KEDLI customers.

BSC Owners LLC for Spring Creek Towers (BSC Owners), also known as Starrett City, represents a major apartment complex in Brooklyn and the largest federally assisted housing development in the country. It purchases large volumes of natural gas delivery services from KEDNY to provide essential utility services to over 18,000 residents.

The City of New York (CNY) is the largest city in the State and represents consumers in the Companies' service territories. CNY seeks to assure affordable energy prices for its residents and to foster economic development and the continued prosperity of New York City. In addition, CNY has public policies that encourage increasing reliance on energy efficiency to reduce greenhouse gas emissions.³

The Environmental Defense Fund (EDF) is a non-profit organization with offices in New York and around the world, which works with scientists on environmental and public health issues and seeks to advance economic incentives to drive environmental progress. In this proceeding, EDF addresses issues associated with proposed leak repair and pipe replacement activities, long-term gas supply planning, legal requirements related to climate change, and New York's climate policy to reduce natural gas leaks and methane emissions.⁴

Estates NY Real Estate Services LLC (Estates NY), also known as LeFrak, is the owner/manager of a large real estate

³ Tr. 5298-5299.

⁴ Tr. 5582.

portfolio in the New York metropolitan region.⁵ Estates NY properties include 38 buildings in KEDNY's service territory which, collectively, comprise one of KEDNY's largest firm service gas customers.

Family Energy, Inc. (Family Energy) is a licensed Energy Service Company (ESCO) serving residential and commercial customers residing or doing business in the gas distribution service territories of KEDNY and KEDLI. Family Energy provides fixed-rate natural gas and electricity products and services to its customers that are designed to offset carbon emissions associated with the use of natural gas, which it calls "green gas programs." In this proceeding, Family Energy addresses only the Companies' proposed Green Gas Tariff.

The Long Island Power Authority (LIPA) is a public authority and legislatively-created political subdivision of the State and is a publicly-owned utility.⁶ LIPA is operated for the benefit of Long Island residents and provides electric service to 1.1 million customers in Nassau and Suffolk Counties and the Rockaway Peninsula. In addition to the electric infrastructure, LIPA is contractually responsible for providing fuel used by electric generation facilities on Long Island. KEDLI is the local gas distribution company that delivers fuel to LIPA for those electric generators.⁷ LIPA's interest is in the reform of rates for the transportation of natural gas for electric generation and the Companies' value-added charge.

⁵ Tr. 5739-41. Estates also owns and manages properties in the States of Florida, Washington, and California. Its real estate portfolio includes over 18,000 residential apartment units and over 20 million square feet of commercial office and retail space.

⁶ LIPA Initial Brief, pp. 1-2.

⁷ LIPA is the successor in ownership to the Long Island Lighting Company's electric system.

The Newtown Creek Alliance (NCA) is a Brooklyn-based organization primarily focused on climate change and other environmental issues.

The New York Geothermal Energy Organization, Inc. (NY GEO) is a not-for-profit trade association founded in 2014 that represents the geothermal heat pump industry in New York, including geothermal system designers, installers, drillers, general contractors, engineers, manufacturers, distributors, renewable energy consultants, and other industry stakeholders who are interested in promoting the use of ground-source heat pumps to heat and cool buildings.⁸

The New York State Department of State, Utility Intervention Unit (UIU) is part of an agency of the State authorized by Executive Law §94-a(4)(b)(ii) to represent the interests of New York consumers before federal, state and local administrative and regulatory agencies engaged in the regulation of energy services. In these and other rate proceedings, UIU addresses issues related to, among other things, customer service performance metrics, revenue allocation, embedded cost of service studies, and the proposed affordability earnings adjustment mechanism.⁹

The New York State Laborers' Organizing Fund (LOF) represents over 40,000 members in New York and is affiliated with the Laborers International Union of North America, one of the largest labor unions in the United States. LOF's New York members primarily work in the construction and maintenance of energy infrastructure, including natural gas transmission

⁸ www.ny-geo.org.

⁹ Tr. 1348-1354.

facilities and renewable generation assets and work for the Companies' contractors on pipeline activities.¹⁰

The Public Utility Law Project (PULP) is a non-profit organization that promotes and defends the rights and interests of low-income and fixed-income utility consumers in matters affecting affordability and consumer protection of utility services. PULP's mission includes educating the public, regulators, and elected officials about the impacts of utility rates on low-income and fixed income consumers; conducting research on consumer rights and the financial burdens they bear related to energy, housing, and water; and advocating in rate and other proceedings for such consumers.

The Sane Energy Project (Sane Energy) is a non-profit organization representing 8,500 New Yorkers based in New York City that works with New York State communities to speed the transition to renewable energy.¹¹ Sane also works with scientists and health professionals to raise awareness about the health and climate impacts of natural gas produced through the process of high-volume hydraulic fracturing, and it works to remove barriers to community-owned renewable energy.

Bob Wyman is an individual who advances geothermal district heating systems technology. In these proceedings, Mr. Wyman addresses issues related to geothermal heating, carbon emissions, gas infrastructure, expansion, depreciation, excess deferred income tax, managed de-capitalization, and the Companies' "Expanded Geothermal Demonstration Pilot Program."¹²

Numerous individuals who reside in the areas served by KEDNY and KEDLI also participated in these proceedings after the

¹⁰ Tr. 5697.

¹¹ Tr. 5674.

¹² Tr. 5609, 5726.

February 2020 evidentiary hearing and submitted opposition to the Joint Proposal.

III. BACKGROUND

KEDNY provides natural gas to approximately 1.2 million customers in its service territory covering Brooklyn, Queens, and Staten Island. KEDLI provides natural gas to approximately 590,000 customers in a service territory that covers Nassau and Suffolk Counties on Long Island and the Rockaways.

The Commission approved the Companies' previous three-year gas rate plans in a December 2016 order adopting a Joint Proposal (2016 Rate Order).¹³ In the 2016 Rate Order, the Commission approved rates for the period commencing January 1, 2017 and ending December 31, 2019, and authorized a 9.0 percent return on equity. Under the 2016 Rate Order, the un-levelized overall annual base revenue increases for KEDNY were approximately \$272.1 million in Rate Year 1, \$41 million in Rate Year 2 and \$48.9 million in Rate Year 3, for average annual overall revenue increases of 10.9 percent, representing a 9.3 percent increase after netting the Site Investigation and Remediation (SIR) surcharge then in effect and rolling into base revenues.¹⁴ The un-levelized overall annual base revenue increases for KEDLI were approximately \$112.0 million in Rate Year 1, \$19.6 million in Rate Year 2 and \$27.0 million in Rate Year 3, for an average annual overall revenue increases of 6.7

¹³ Cases 16-G-0058 and 16-G-0059, Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of KeySpan Gas East Corporation and The Brooklyn Union Gas Company, d/b/a National Grid NY for Gas Service - Rates, Order Adopting Terms of Joint Proposal and Establishing Gas Rate Plans (issued December 16, 2016).

¹⁴ Id., p. 21.

percent, representing a 5.1 percent increase after netting the SIR surcharge then in effect and rolling into base revenues.¹⁵ The Commission also approved capital investment levels of \$602.9 million in Rate Year 1, \$653.6 million in Rate Year 2, and \$649.7 million in Rate Year 3 for KEDNY; and capital investment levels of \$322.4 million in Rate Year 1, \$377.5 million in Rate Year 2, and \$396.0 million in Rate Year 3 for KEDLI.¹⁶

When the Commission issued the 2016 Rate Order adopting the Joint Proposal, KEDNY's base rates had not been increased for more than a decade and KEDLI's had not increased for approximately eight years.¹⁷

A. The 2019 Rate Filings in These Proceedings

In their initial tariff filings on April 30, 2019, KEDNY proposed to increase natural gas delivery rates and charges by approximately \$236.8 million for KEDNY, representing a 19.3 percent increase in delivery revenues and a 13.6 percent increase in total revenues.¹⁸ KEDLI proposed an increase to its annual gas delivery revenues by approximately \$49.4 million, representing a 6.0 percent increase in delivery revenues or 4.1

¹⁵ Id.

¹⁶ Cases 16-G-0058 and 16-G-0059, Joint Proposal, pp. 18, 72; Appendix 1, Schedule 5, Appendix 2, Schedule 5. The Joint Proposal also included anticipated annual capital investment levels for one year beyond Rate Year 3 of \$628.77 million for KEDNY and \$405.92 million for KEDLI.

¹⁷ 2016 Rate Order, pp. 2-4.

¹⁸ KEDNY's requested increase in gas delivery revenues would have resulted in an average residential monthly bill increase of about \$16.66 (17.78 percent on the delivery bill or 11.99 percent increase on the total bill) for an average residential heating customer.

percent increase in total revenues for the Rate Year.¹⁹ The Companies' initial filing included a showing of costs incurred in the Historic Test Year of calendar year 2018, forecasted cost projections for the 2020-2021 Rate Year, and forecasted cost projections for three "Data Years" beyond the Rate Year, for the twelve months ending March 31, 2022, March 31, 2023, and March 31, 2024.

The Companies revised their initial tariff filings several times in supplemental, corrected and updated, and rebuttal testimony and exhibits, as further detailed below. In the third and final supplemental testimony and exhibits filed on January 29, 2020, KEDNY ultimately requested an increase of its base revenues of approximately \$199.6 million and KEDLI ultimately requested an increase of approximately \$59.5 million. In its January 29, 2020 supplemental testimony, DPS Staff recommended a base delivery revenue increase for KEDNY of \$54.1 million and a decrease for KEDLI of \$20.0 million.²⁰

B. The NESE Project

In their initial April 2019 rate filings, the Companies assumed construction of the then-proposed pipeline project known as the Northeast Supply Enhancement Project (NESE Project). The Companies stated that they had signed a precedent

¹⁹ KEDLI's requested increase in gas delivery revenues would result in an average residential monthly bill increase of about \$7.14 (6.92 percent on the delivery bill or 5.15 percent increase on the total bill) for an average residential heating customer.

²⁰ The Rate Year 1 delivery revenue changes for both the Companies and DPS Staff reflect the calculated revenue requirement changes, plus the additional impacts to delivery revenues for the impact of the elimination of the energy efficiency surcharge, the tax savings sur-credit, both of which are now being rolled into base delivery rates, and the change in Gross Revenue Taxes (GRT).

agreement with Transcontinental Gas Pipe Line Company LLC (Transco) for the NESE Project, which included delivery of an additional 400,000 dekatherms (dths) of natural gas per day from Transco's upstream existing gas pipeline through Pennsylvania and New Jersey, and underneath Raritan Bay into Queens via a new 26-mile pipeline.²¹ The Companies asserted that access to such additional gas supply was necessary to relieve current supply constraints in the Companies' service territories and would provide for any potential additional gas load.²²

On May 15, 2019, the New York State Department of Environmental Conservation (DEC) denied Transco's application for the necessary approval under Section 401 of the federal Clean Water Act,²³ to construct the NESE Project.²⁴ DEC's decision recited concerns about adverse impacts on water quality and damage to aquatic life in Raritan Bay that could result from pipeline construction and operation activities.²⁵ On June 5, 2019, the New Jersey Department of Environmental Protection also denied Transco's application for necessary permits for the NESE project on similar grounds.²⁶ The Companies thereafter implemented a service moratorium and declined to fulfill applications for new firm gas service connections or requests for additional firm load from existing customers.

²¹ Tr. 3880-3881, 4852. The Companies' rate filings assumed that the NESE Project would be in service by the second half of the Rate Year, during the 2020/2021 winter season.

²² Tr. 4852-4853. After the initial rate case filings, DPS Staff requested that the Companies revise their proposals and exclude the NESE Project since it had not yet been approved.

²³ 33 U.S.C. §1341.

²⁴ Tr. 157-158.

²⁵ Tr. 3915.

²⁶ Tr. 157-158.

Based on a request from DPS Staff, the Companies filed supplemental testimony and exhibits on June 11, 2019, to illustrate the potential impacts to the original April 30, 2019 filings if KEDNY and KEDLI were unable to obtain incremental natural gas supplies from the NESE Project. In their supplemental filing, the Companies included forecasted cost of service and other information based on the assumption that the NESE Project would not be in place during the Rate Year.²⁷ The Companies' revised projected revenue requirement increases without the NESE Project provided for increasing KEDNY's natural gas delivery rates and charges by approximately \$242.5 million; and increasing KEDLI's delivery rates by approximately \$64.7 million.

C. The Moratorium Proceeding and Settlement Agreement

Following the denial of the NESE Project, in May 2019, the Companies denied gas service to thousands of new and existing customers, imposing a moratorium on gas connections in their service territories.²⁸ As a result, on October 11, 2019, the Commission initiated a proceeding against the Companies and their parent corporation, National Grid USA, and directed them to connect residential customers immediately or show cause why

²⁷ Hearing Exhibits 201-205; 212-228.

²⁸ The Commission ultimately found that the Companies' denial of service actually began in November 2018, but was appreciably expanded in May 2019 after New York and New Jersey issued denials of necessary approvals to the developer of the NESE Project. See Case 19-G-0678, Proceeding on Motion of the Commission to Investigate Denials of Service Requests by National Grid USA, The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid, Order Instituting Proceeding and to Show Cause (issued October 11, 2019), p. 3; Confirming Order (issued November 27, 2019) (Moratorium Proceeding).

they could not immediately provide gas service (Moratorium Proceeding).²⁹

In the Moratorium Proceeding, the Commission alleged that the Companies and their parent corporation, National Grid USA, had denied firm gas service and declared the moratorium without providing the proper notice and thereby caused undue hardship to more than 3,700 new customers and existing customers who had temporarily suspended gas service to facilitate home renovations. The Commission directed National Grid to provide an Implementation Plan by October 21, 2019, identifying a portfolio of demand and supply solutions that would allow customer connections; and provide a Contingency Plan by October 21, 2019, identifying alternative supply and demand solutions that could be implemented to safely accommodate gas service to all customers denied service as of the date of the Order to Show Cause.

The Companies and DPS Staff ultimately reached a settlement agreement to resolve the Moratorium Proceeding and in a November 26, 2019 order, the Commission adopted and approved the agreement (Moratorium Order).³⁰ The Moratorium Order and settlement agreement require the Companies to lift the moratorium until at least September 1, 2021, and provide gas service to 1,157 customers denied service and to future customers requesting service; to develop a long-term gas supply

²⁹ Case 19-G-0678, supra, Moratorium Proceeding, Order Instituting Proceeding and to Show Cause.

³⁰ Case 19-G-0678, supra, Moratorium Proceeding, Order Adopting and Approving Settlement (issued November 26, 2010).

solution for new and expanded service;³¹ to submit an Implementation and Contingency Plan proposing demand-side and supply-side measures and energy efficiency programs to ensure an adequate gas supply;³² to submit an Action Plan to provide new and expanded gas service; and to submit a Long-Term Capacity Report analyzing all reasonable gas supply options to ensure adequate future supply, including pipeline construction, liquified natural gas and compressed natural gas facilities, renewable energy sources and conservation strategies.³³

In compliance with the Settlement Agreement, the Companies filed a Long-Term Capacity Report (LTC Report) and supplemental reports analyzing natural gas constraints in their service territories and proposing solutions.³⁴ The Companies held a series of six public statement hearings and received thousands of public comments on the LTC Report.

In the May 2020 Supplemental LTC Report, the Companies addressed public comments and recommended two available options

³¹ Id., pp. 4-5. The Moratorium Order provided that if the Companies could not develop a long-term supply solution, it would be authorized to deny service applications by large commercial and industrial customers seeking service by March 31, 2021 on notice to the Commission explaining why service restrictions were required.

³² In response to the Commission's initiation of the Moratorium, the Companies submitted an October 21, 2019 Implementation and Contingency Plan with energy efficiency, conservation, and demand/response proposals to address the lack of adequate capacity. That Plan was followed by submission of an Operational Plan in December 2019.

³³ Case 19-G-0678, supra, One Commissioner Order Adopting and Approving Settlement (issued November 26, 2019); Confirming Order (issued December 12, 2019) (the Moratorium Order). The Moratorium Order imposed other requirements on the Companies, including retention of an independent monitor to oversee operations and management, among other things.

³⁴ Id., National Grid Long Term Capacity Report (February 24, 2020).

to meet demand, namely, an interstate natural gas pipeline and targeted deployment of distributed gas and non-gas infrastructure. Shortly thereafter, the interstate NESE pipeline project was denied the permits necessary for construction and the Companies focused their attention on the targeted infrastructure options it called the Distributed Infrastructure Solution.

On June 30, 2020, the Companies filed a Second Supplemental LTC Report, which set forth more aggressive, incremental demand-side management and distributed infrastructure programs and included refined proposals to develop portable compressed natural gas (CNG) capacity and liquified natural gas (LNG) vaporization options, as well as energy efficiency, demand response, and heat electrification components. The Second Supplemental LTC Report updated capacity options and provided cost and implementation feasibility. It also contained contingency scenarios and options in the event that the CNG and LNG options were delayed or not fully implemented. The LTC Report and May 2020 Supplemental LTC Report also provided an examination of the greenhouse gas emission impacts associated with the various options examined by the Companies.

D. Procedural Background

On May 30, 2019, the assigned Administrative Law Judges (ALJs), James A. Costello and Maureen F. Leary, held technical and procedural conferences, to review the Companies' filing, identify interested parties, and establish a procedural schedule. In separate rulings issued on June 5, 2019, the ALJs granted party status and established a procedural schedule, which required the Company to file updates and corrections to its initial filings by July 3, 2019; DPS Staff and intervenors

to file direct testimony by August 30, 2019; and all parties to file rebuttal testimony by September 18, 2019. The ALJs also scheduled an evidentiary hearing to begin on October 2, 2019.

On July 3, 2019, the Companies filed corrections and updates to their original April 30, 2019 filings. These corrections and updates did not reflect any changes or impacts for a no NESE Project scenario because the Companies remained optimistic that the NESE Project would still be approved. As updated, KEDNY requested an increase of its base delivery revenues of approximately \$195.6 million, representing a net decrease of approximately \$41 million from the original filing for the Rate Year, and an increase of 15.6 percent for delivery revenues and a total bill increase of 9.61 percent for average residential customers.³⁵ KEDLI requested an increase of approximately \$61.2 million, representing a net increase of approximately \$11.8 million from the original filing for the Rate Year and an increase of 8.64 percent to delivery revenues and a total bill increase of 6.15 percent for average residential customers.³⁶ The Companies' corrections and updates again included a showing of costs incurred in the Historic Test Year for Calendar Year 2018, forecasted cost projections for the 2020-2021 Rate Year, and forecasted cost projections for three "Data Years" beyond the Rate Year, for twelve months ending March 31, 2022, March 31, 2023, and March 31, 2024.

On or about August 30, 2019, DPS Staff and the intervenor parties filed testimony and exhibits in response to the Companies' updated filings. DPS Staff recommended numerous

³⁵ Hearing Exhibits 303, 313, RRP-1CU.

³⁶ Tr. 1950-1952; Exhibits 303, 313 (RRP-1CU). The Companies' corrected and updated testimony removed the Federal Tax Act sur-credit from their respective revenue forecasts and thereby increased revenues and reduced revenue requirements.

adjustments to the Companies' proposals, including a \$167.3 million reduction to KEDNY's proposed \$195.6 million base revenue, resulting in a delivery revenue increase of \$28.3 million; and an \$89.9 million reduction of KEDLI's proposed \$61.2 million base revenue increase, resulting in a base delivery revenue decrease of approximately \$28.7 million.³⁷ In addition, DPS Staff noted that it had no indication as to whether or when the NESE project would be constructed and that these proceedings should be considered on the assumption that the NESE project would not be available to provide additional gas supply during the Rate Year.

On September 6, 2019, the Secretary issued a notice extending until March 28, 2020 the suspension period of the effective date for rates. On September 10, 2019, the Companies filed a Notice of Impending Settlement Negotiations, pursuant to 16 NYCRR §3.9(2).

On September 18, 2019, the Companies filed rebuttal testimony, addressing several of DPS Staff's recommended adjustments, including revisions and adjustments to the revenue requirement due to the NESE Project contingency that the Companies had identified in the June 11, 2019 supplemental filings. In their revised proposal, KEDNY requested an increase of its base delivery revenues of approximately \$190.49 million and KEDLI requested an increase of approximately \$66.52 million.³⁸ The Companies stated that, although they remained cautiously optimistic that the NESE Project would go forward, the timing of the approval of the Project remained uncertain and that they had revised their capital and operations and maintenance (O&M) investment plans to assume the that the

³⁷ Tr. 2339-2345.

³⁸ Tr. 1980-1981; Tr. 2237-2240.

Project would not be in service, or new customers connected, in the Rate Year.³⁹ DPS Staff and other intervenors also filed rebuttal testimony at that time.

On September 25, 2019, the Companies requested postponement of the evidentiary hearing in order to facilitate settlement discussions. The Companies consented to a one-month extension of the suspension period, with rates to become effective on May 1, 2020, subject to make whole provisions and revenue adjustment calculation methodology.⁴⁰ In a September 27, 2019 ruling, the ALJs revised the procedural schedule and postponed the evidentiary hearing until November 12, 2019.⁴¹

In an October 31, 2019 letter, the Companies again requested postponement of the evidentiary hearing and consented to a one-month extension of the suspension period, with rates becoming effective on June 1, 2020 subject to the make whole and waiver provisions and revenue adjustment calculation methodology. In a February 10, 2020 order, the Commission

³⁹ Tr. 2238, 2243.

⁴⁰ The Companies' proposed methodology would calculate any revenue adjustments as the difference between (i) sales revenues the Companies would have billed at new rates during the extension of the suspension period, and (ii) the same level of sales revenues at current rates. The revenue adjustments would include all applicable surcharges and carrying charges and be subject to reconciliation in accordance with all applicable adjustment mechanisms (including revenue decoupling mechanisms, where applicable). Financial true-up targets and depreciation and amortization expense ultimately established in the Commission's order in these proceedings would be applied to the extension of the suspension period. All accounting and ratemaking would be pursuant to the new rate plan and be retroactive to April 1, 2020.

⁴¹ Ruling Postponing Hearing and Revising Procedural Schedule (issued September 27, 2019).

approved the Companies' September 25 and October 31, 2019 extensions through May 31, 2020, and approved the make whole and calculation methodology conditions proposed.⁴²

In a November 12, 2019 letter, the Companies again consented to extend the suspension period subject to the make whole provision and calculation methodology, but also included additional conditions for the Commission's consideration and approval related to the extension, including protection of the Companies' ability to file for new rates to be effective on April 1, 2021: (1) grant a waiver of the Commission's Policy Statement on Test Periods in Major Rate Proceedings; (2) permit to use as the Historic Test Year the 12-months ending December 31, 2019, in their next base rate filings; and (3) allow a "make whole" provision to be implemented effective April 1, 2021, in the next base rate case filings. The Companies claimed that the requested relief would restore them to the same financial position they would have been in had there been no extensions.

Following the Commission's November 26, 2019 order approving the Moratorium Agreement (Case 19-G-0678), the Companies submitted a December 9, 2019 letter and again requested modification of the procedural schedule and postponement of the evidentiary hearing to address certain issues in the rate proceedings impacted by the Moratorium Agreement. The Companies again consented to extend the suspension period through July 31, 2020, subject to the make whole, waiver, and other conditions identified in their November 12, 2019 extension letter.

In a December 10, 2019 ruling, the ALJs again modified the procedural schedule, authorized the parties to file

⁴² Order on Extension of Maximum Suspension Period of Major Rate Filings (issued February 10, 2020).

additional supplemental and rebuttal testimony to address the Moratorium Agreement, and scheduled the evidentiary hearing to begin on February 10, 2020.⁴³

The Commission thereafter approved the Companies' extensions through July 31, 2020, along with the make whole, waiver, and other conditions that had been proposed by the Companies.⁴⁴ Specifically, the Commission's approval order granted the Companies a limited waiver of the Commission's Policy Statement on Test Periods in Major Rate Proceedings; permitted the Companies to use as a historic test year in the next rate cases the twelve months ending December 31, 2019; and approved the make whole provision for the period between April 1, 2021, and the date on which the Commission set new rates in a final rate decision - provided that the Companies file for new rates within 30 days after the issuance of a final order establishing rates in the current cases.

On December 13, 2019, the Companies submitted its second supplemental filing in these cases, which addressed (i) the revenue requirement and other impacts to the Companies' rate filings from the Moratorium Agreement (Case 19-G-0678) concerning the gas supply constraints and related failure to fulfill customer connection requests; and (ii) updates to the Companies' cost of service, including capital and O&M expense forecasts, delivery revenues, and cost of gas, and to reflect the impact of recent labor and contractor negotiations. In its second supplemental filing, KEDNY requested an increase in base delivery revenues of approximately \$199.7 million, an increase

⁴³ Ruling Modifying Procedural Schedule (issued December 10, 2019). On January 13, 2020, the Secretary issued a notice scheduling the evidentiary hearing for February 10, 2020.

⁴⁴ Order on Extension of Maximum Suspension Period of Major Rate Filings (issued May 15, 2020).

of \$9.2 million as compared to its rebuttal filing. KEDLI requested an increase of approximately \$60.7 million, a decrease of \$5.8 million as compared to its rebuttal filing.

E. Energy Efficiency Order and Supplemental Testimony

On January 16, 2020, the Commission issued an order establishing State-wide energy efficiency targets and budgets for all utilities, including KEDNY and KEDLI.⁴⁵ The 2020 NE:NY Order set electric and gas budgets and targets for all New York utilities and reiterated energy reduction goals of 185 trillion British thermal units (TBtu) by 2025, which was first established in the Commission's initial energy efficiency order.⁴⁶

The Companies September 18, 2019 rebuttal testimony suggested that the Commission adopt the budgets and targets it proposed, rather than those adopted State-wide. Consequently, in a January 21, 2020 ruling, the ALJs directed DPS Staff to address in supplemental testimony the impact of the 2020 NE:NY Order on the rate filings in these proceedings and the Companies' position that the Commission's State-wide targets and

⁴⁵ Case 18-M-0084, In the Matter of a Comprehensive Energy Efficiency Initiative, Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025 (issued January 16, 2020) (2020 NE:NY Order). The 2020 NE:NY Order followed a series of orders issued by the Commission that established budgets and targets for all utilities designed to accelerate both electric and gas efficiency. See, e.g., Case 15-M-0252, In the Matter of Utility Energy Efficiency Programs, Order Authorizing Utility-Administered Energy Efficiency Portfolio Budgets and Targets for 2019 - 2020 (issued March 15, 2018); Order Adopting Accelerated Energy Efficiency Targets (issued December 13, 2018).

⁴⁶ Id.

budgets should not apply in these rate cases.⁴⁷ The ruling also provided for the Companies to respond to DPS Staff's position.

On January 29, 2020, the Companies and DPS Staff filed supplemental testimony and exhibits related to the Energy Efficiency Order, which addressed its applicability to the rate cases, among other things.

F. Evidentiary Hearing in Litigated Cases and Post-Hearing Filings

The ALJs conducted an evidentiary hearing in Albany over a period of three weeks (on February 10-14, 19-20, and 24-25, 2020). The evidentiary record in the litigated phase consists of over 57,000 pages of testimony and 739 exhibits.

In a March 18, 2020 ruling, the ALJs issued a ruling establishing a schedule for submitting post-hearing briefs.⁴⁸ On April 6, 2020, initial post-hearing briefs were filed by the Companies, DPS Staff, AARP NY, CNY, EDF, Estates NY, Family Energy, LIPA, PULP, Sane Energy, and UIU. On April 21, 2020, the Companies, DPS Staff, AARP NY, CNY, PULP, and Sane Energy filed reply briefs.

G. The COVID-19 Pandemic

On March 7, 2020, Governor Andrew Cuomo issued an executive order declaring a state of emergency in New York due to the Covid-19 pandemic that was spreading rapidly throughout the State and the country. On March 24, 2020, the Companies filed an emergency petition to suspend higher gas rates from

⁴⁷ Ruling Requiring Additional Testimony Related to Energy Efficiency Initiative Order (issued January 21, 2020). The ruling provided that other parties were permitted, but were not required, to file testimony associated with the 2020 NE:NY Order.

⁴⁸ Ruling Modifying Procedural Schedule (issued March 18, 2020).

going into effect on April 1, 2020, that had been approved in the prior rate proceedings (Cases 16-G-0058 and 16-G-0059); and to implement measures providing some financial relief to their customers due to the economic impacts from the Covid-19 pandemic.⁴⁹ The Companies stated that as of March 13, 2020, they had suspended certain collections-related activities due to the pandemic, including late payment charges, access to meter charges, reconnection fees, and meter reading fees. The Companies requested a temporary waiver of fees associated with those activities, including late payment charges, access to meter charges, reconnection fees and meter reading fees. The Companies' petition was granted on an emergency basis in a one-Commissioner order, which thereafter was confirmed by the full Commission.⁵⁰

On June 17, 2020, the Governor signed legislation amending certain sections of the Public Service Law (PSL), which imposed a moratorium on terminations and disconnections of residential electricity, gas, steam, telephone, and water

⁴⁹ Cases 16-G-0058 and 16-G-0059, Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of KeySpan Gas East Corporation and The Brooklyn Union Gas Company, d/b/a National Grid NY for Gas Service - Rates, (2016 Rate Cases), Petition of National Grid for Approval on an Emergency Basis to Postpone Approved Rate Increases, the Reduction to the Low-Income Credit, and Certain Tariff Fees to Lessen the Economic Impact of Covid-19 on Customers (March 24, 2020). National Grid filed the petition on behalf of the Companies and other affiliates.

⁵⁰ Cases 16-G-0058 and 16-G-0059, supra, Order Postponing Approved Electric and Gas Delivery Rate Increases and Updated Reduction to the Low-Income Discount Credit and Temporarily Waiving Certain Tariff Fees (issued March 25, 2020); Confirming Order (issued April 28, 2020). The Commission subsequently issued orders that further postponed rate increases and that adopted the fee waiver permanently.

customers during the Covid-19 state of emergency.⁵¹ These amendments provided that residential customers, in certain circumstances, may be eligible for additional protections from terminations or disconnections if the residential customer had “a change in financial circumstances due to the Covid-19 state of emergency.” On May 11, 2021, the Governor signed legislation further amending PSL §32, which provided additional protections from disconnection for electricity and gas services to residential and qualifying small business customers (i.e., those with 25 or fewer employees).

The moratorium initially ran until March 31, 2021, but on May 12, 2021, the Governor signed legislation further extending the moratorium until December 31, 2021, for utility customers suffering a change in financial circumstances due to Covid-19.⁵² The PSL amendments required the Department to define a “change of financial circumstances” under the law. In August 2020, the Department issued guidance pursuant to which the utilities would address the PSL amendments imposing the termination moratorium.⁵³ In May 2021, the Department issued a notice requiring all utilities to file plans to implement the

⁵¹ PSL §§32(6), 89-b(8), 91(9), and 89-1(3); Chapters 108 and 126 of the Laws of 2020.

⁵² S.1453-B/A.6225-A (amending PSL §§32, 89-b, and 89-1, L. 2020, ch. 126, sec. 2).

⁵³ Case 20-01676, In the Matter of the Implementation of the Public Service Law §§32, 89-b, 89-1, and 91 (Chapters 108 and 126 of the Laws of 2020) Regarding Moratorium on Terminations and Disconnections of Residential Utility Customers During the COVID-19 State of Emergency, Notice of Department of Public Service Guidance Relating to the Covid-19 Utility Moratorium on Terminations and Disconnections (issued August 11, 2020).

amendments and notify customers of the protections afforded during the Covid-19 pandemic.⁵⁴

On June 3, 2021, the Companies submitted their plan to implement the amendments consistent with the Department's guidance, including the required notification to customers of the protections afforded under the amendments with respect to terminations and disconnections.

H. Post-Hearing Motions

On March 30, 2020, PULP filed a motion requesting that the ALJs direct the Companies to provide revised data and information based on the current and future economic impacts of Covid-19 on the proposed revenue requirement, including projections of inflation rates and commodity prices, and the calculations underlying the proposed return on equity (ROE). PULP's motion also asked the ALJs to instruct DPS Staff to investigate and analyze the Companies' new supplemental filings and respond in a manner that would protect the public interest. PULP also sought to reopen the record to allow additional discovery and evidence related to the Companies' new supplemental filing in order to include such information in the record and in post-hearing briefs. AARP NY filed support for PULP's motion. The Companies and DPS Staff opposed the motion, asserting that additional testimony would be speculative and

⁵⁴ Matter 20-01676, In the Matter of the Implementation of the Public Service Law Sections 32, 89-b, 89-1, 91, 216 and General Business Law Section 399-zzzzz (Chapter 106 of the Laws of 2021) Regarding Issuing a Moratorium on Utility Service Terminations and Disconnections of Residential and Small Business Customers During the COVID-19 State of Emergency, Notice Requiring Filings in Response to Department of Public Service Guidance Relating to the COVID-19 Utility Moratorium on Terminations and Disconnections (issued May 24, 2021).

that the uncertainty caused by Covid-19 was likely to continue for the foreseeable future.⁵⁵

In an April 7, 2020 ruling, the ALJs denied PULP's motion.⁵⁶ The ALJs found that the extraordinary circumstances presented by the Covid-19 pandemic were impacting all New York utilities and ratepayers and that the Commission "may choose to address these circumstances in a holistic and cohesive fashion, such as in a generic proceeding, rather than in a piece-meal fashion through individual rate proceedings."⁵⁷ The ALJs concluded that because the current uncertainty created by the Covid-19 crises was likely to continue for the foreseeable future, given the time limitation in which the Commission must establish rates in these proceedings, it was in the best interest of both the Companies and their customers to move forward on the existing record.⁵⁸

On April 21, 2020, AARP NY sought interlocutory review of the ALJs' ruling denying PULP's motion pursuant to Rule 4.7(c), arguing that the Covid-19 pandemic's impacts on the economy and utility customers could not be addressed on the record in these proceedings because of the absence of updated

⁵⁵ In its August 21, 2020 reply brief, PULP continued to advance the arguments raised in its March 30, 2020 motion to reopen the record.

⁵⁶ Ruling Denying Public Utility Law Project's Motion to Reopen the Record (issued April 7, 2020).

⁵⁷ Id., p. 7. The ALJs recognized the mechanisms available to the Commission to address the issues raised in PULP's motion, including setting temporary rates, requiring strict reconciliation protocols, or bringing the Companies back before the Commission during this one-year rate plan if rates can no longer be considered just and reasonable.

⁵⁸ In its reply brief, AARP NY sought interlocutory review of the ALJs' ruling denying the motion. The still-pending motion for interlocutory review of the ALJs' April 7, 2020 ruling denying the motion will be addressed below.

financial data and information.⁵⁹ AARP NY asserted that the record of these proceedings should be reopened to address the absence of such data and information related to sales forecasts, costs of capital, labor and O&M costs, and many other elements of the record. AARP NY sought additional discovery, supplemental testimony, and cross-examination of witnesses.

On April 29, 2020, the Companies filed a response to AARP NY's request for interlocutory review, asserting that the criteria in Rule 4.7(c) to show "extraordinary circumstances" had not been met and that, in any event, the Commission had mechanisms to address the circumstances surrounding Covid-19, including setting temporary rates, requiring strict reconciliation protocols, or reopening an approved rate plan if rates could no longer be considered just and reasonable.⁶⁰ Although the Companies conceded that the Covid-19 pandemic "has had an extraordinary impact on the economic conditions in the Companies' service territories," they argued that there was no basis to require them to hastily prepare updated forecasts and "the Commission would be far better served by focusing on how best to use the ratemaking tools available to it to set just and reasonable rates over time."⁶¹

I. Notice of Continuing Settlement Negotiations

On June 5, 2020, the Companies filed a Notice of Continuing Settlement Negotiations and requested a three-month extension to the suspension period with rates to be effective on

⁵⁹ 16 NYCRR §4.7(c); April 21, 2020 Interlocutory Appeal and Reply Brief of AARP NY, pp. 2-4.

⁶⁰ April 29, 2020 Response of the Brooklyn Union Gas Company d/b/a National Grid NY and Keyspan East Corporation d/b/a National Grid to Requests for Interlocutory Review, pp. 2-4.

⁶¹ Id., p. 5.

November 1, 2020.⁶² Settlement negotiations among the parties continued for nearly a year thereafter, during which the Companies repeatedly consented to extend the maximum suspension period. On May 14, 2021, the Commission issued an order extending the maximum suspension period through August 31, 2021.

In a July 7, 2020 email, the ALJs requested that the parties report on the status of settlement negotiations. In response, DPS Staff indicated that negotiations were continuing and "worthwhile," that the Companies had circulated an offer on June 12, 2020, and that a counter-offer was being diligently crafted. PULP asserted that settlement should be reached without further delay or the parties should return to the litigated track and DPS Staff's well-reasoned position. AARP NY questioned the likelihood of settlement being reached and requested that the ALJs issue a Recommended Decision consistent with the position advanced in AARP NY's filings.

J. The Joint Proposal

On May 14, 2021, the Companies submitted a Joint Proposal for Commission approval, which detailed the terms and conditions of an agreement reached with DPS Staff and certain other parties. In addition to the Companies and DPS Staff, other signatories to the Joint Proposal include EDF, Estates NY, NY-Geo, Bob Wyman and LIPA. As further detailed below, the

⁶² In notices dated May 10, 2019, and September 6, 2019, the Secretary suspended the maximum suspension period through March 28, 2020. With the Companies' consent, the Commission further extended the suspension period in orders dated February 10, 2020, May 15, 2020, July 16, 2020, October 16, 2020, December 17, 2020, and March 19, 2021. Finally, in a May 14, 2021 order, the Commission extended the suspension period until August 31, 2021. After each extension order, the Companies timely filed tariff supplements with respect to the extensions.

Joint Proposal provides for a three-year rate plan that does not provide a revenue increase in Rate Year 1, and includes consecutive overall revenue increases of 2.0 percent for KEDNY and 1.8 percent for KEDLI in Rate Years 2 and 3.

Pursuant to a May 24, 2021 procedural ruling, on June 2, 2021, the Companies, DPS Staff, EDF, and NY Geo each submitted Statements in Support of the Joint Proposal; AARP NY, AGREE, All Our Energy, BSC Owners, the CNY, NCA, Sane Energy, and numerous individuals each submitted Statements in Opposition to the Joint Proposal. PULP submitted a Statement of Neutrality. On June 14, 2021, the Companies and DPS Staff filed Replies to the Statements in Opposition; BSC Owners and Sane Energy filed Replies to the Statements in Support.

K. Evidentiary Hearing on the Joint Proposal and Post-Hearing Submissions

On June 21, 2021, the ALJs held a one-day evidentiary hearing on the Joint Proposal at which additional testimony was adduced and additional evidence was admitted. The Companies and DPS Staff each made available panels of multiple witnesses for cross-examination on issues related to the Joint Proposal.⁶³ Intervenors AGREE and Sane Energy took the opportunity to cross-examine witnesses at the hearing primarily on issues related to the CLCPA, and at the close of the hearing, argued in favor of filing post-hearing briefs on those issues. As a result of the

⁶³ The panel witnesses appearing on behalf of the Companies were James Molloy, Ross Turrini, Kellie Smith, Owen Brady-Traczyk and Brandon Dyer. The panel witnesses appearing on behalf of DPS Staff were Aric Rider, Ronald Calkins, John Castano, Chelsea Kruger, Robert Cully, and Kathryn Mammen.

hearing, an additional 132 exhibits were admitted to evidence⁶⁴ and an additional 136 pages of testimony were generated.

On June 25, 2021, intervenors AGREE, Sane Energy, Robert Wood, Margot Spindelman and Benny Woodard filed a motion seeking leave to file post-hearing briefs on the CLCPA issues. PULP and NY Geo joined in the motion. DPS Staff and the Companies opposed the motion. In a July 6, 2021 ruling, the ALJs granted the motion and allowed, but did not require, post-hearing briefs on two limited CLCPA issues.⁶⁵ On July 12, 2021, the Companies, DPS Staff, AGREE, Sane Energy and certain individuals filed briefs addressing the limited CLCPA issues, which are discussed and addressed in further detail below.

⁶⁴ The ALJs requested that the Companies and/or DPS Staff provide written responses to several questions regarding various provisions of the Joint Proposal. As a result, the Companies and DPS Staff revised certain appendices and schedules attached to the Joint Proposal and refiled them in the Department's Document and Matter Management (DMM) system. All written responses to the ALJs' questions were admitted as exhibits to the record.

⁶⁵ Ruling Granting Motion to File Post-Hearing Briefs Related to Limited Issues Under the Climate Leadership and Community Protection Act (issued July 6, 2021). The Ruling framed the limited issues on which post-hearing briefs should be submitted as follows:

- (1) Whether DPS Staff's interpretation of CLCPA Section 7, as expressed in its Reply Statement in Support of the Joint Proposal, violates the plain language of the statute insofar as the CLCPA does not apply to rate proceedings, including whether the Commission is required to find under Section 7 that its decision adopting the Joint Proposal (a) will not interfere with the attainment of required greenhouse gas emission limits, and (b) will not disproportionately burden disadvantaged communities; and
- (2) Whether the Commission must consider the CLCPA in a rate proceeding when approving new gas infrastructure projects to address reliability requirements.

On July 9, 2021, the Companies filed corrected appendices and schedules attached to the Joint Proposal, which addressed the recovery of costs associated with Phase 5 of the Metropolitan Reliability Infrastructure Project (MRI Project) and revised the rate plans' effective date from August 1, 2021 to September 1, 2021, and related bill and financial impacts.

On July 16, 2021, EDF filed a motion to submit a post-hearing brief on the CLCPA issues after the July 12, 2021, deadline established in the ALJ's July 6, 2021 ruling. In a July 20, 2021 email ruling, the ALJs denied EDF's motion. The ALJ's followed up the email ruling with a formal written ruling issued on August 6, 2021.

On August 5, 2021, EDF filed an interlocutory appeal of the ALJ's ruling. In its request for interlocutory review, EDF states that extraordinary circumstances exist in that DPS Staff and the Companies expressed new positions on the application of the CLCPA to these matters. EDF states that it was denied an opportunity to comment on these positions. EDF, however, was in the same position as all other parties to this matter when the opportunity to file post-hearing briefs and replies was granted by the ALJs.

EDF did not file any briefs regarding the applicability of the CLCPA under the timeframe specified by the ALJs. We deny interlocutory appeal given the lack of extraordinary circumstances identified by EDF in its motion. In any event, the positions EDF sought to advance through its motion are addressed in this Order as they were raised by other parties that filed timely briefs.

L. Proceeding to Investigate Expenditures by National Grid's Facilities Department in Light of Federal Criminal Indictment

On June 17, 2021, the United States Department of Justice charged five former facilities department managers previously employed by National Grid with bribery and conspiracy for steering contracts to certain Long Island contractors in exchange for hundreds of thousands of dollars. The individuals charged were responsible for building maintenance, landscaping, paving, fencing, and snow removal, among other things.

On June 23, 2021, the Commission issued an order commencing a proceeding to investigate the allegations and the Companies' contracting process, including the requirement that the Companies provide justification for the expenditures associated with the bidding and award of contracts through the facilities department and the prudence of such expenditures.⁶⁶ The Commission's order also required National Grid to conduct an investigation and submit a report (Investigative Report) evaluating all contracts from January 2010 to date, identify all operations and maintenance and capital expenditures associated with such contracts, and demonstrate the prudence of those contractual expenditures.

The order further provided that if the prudence of the expenditures cannot be demonstrated, or that violations of law are evident, the Companies may be required to restate their rate base and exclude all or part of the expenditures made for any contract and establish a deferral mechanism for the benefit of customers. Among other things, the order required the

⁶⁶ Case 21-M-0351, In the Matter of an Examination of Certain Programs and Related Capital and Operation and Maintenance Expenditures of National Grid USA, The Brooklyn Union Gas Company d/b/a National Grid NY, and KeySpan Gas East Corporation d/b/a National Grid, Order Commencing Proceeding and Requiring Report (issued June 23, 2021).

Investigative Report to include a description of all controls in place designed to protect customers from overcharges by contractors resulting from kickbacks, illegal payments, bid-rigging or other practices and identify auditors, attorneys or other experts retained to investigate internal and external controls in the Companies' operations.

The Commission's order recognized the pending rate proceedings and found that "action must be taken to protect the Commission's ability to review and adjust the costs recovered from customers as a result of rates ultimately set in those proceedings," including but not limited to providing in the rate order "for recovery of a portion of the Companies' revenue requirements through an adjustment clause mechanism" that would be subject to later adjustment and refund to customers.⁶⁷ The Commission noted that "the Company's own controls and oversight appear to be insufficient to prevent this type of occurrence from happening in the future" and that "[t]he Commission's ability to judge the reasonableness of future rate filings, particularly with regard to its facilities budgets and forecasts, may be significantly impaired."⁶⁸

IV. PUBLIC NOTICE AND COMMENTS

A. Public Notices

Pursuant to the State Administrative Procedure Act (SAPA) §202(1), notices for the above-referenced cases were published in the State Register on July 31, 2019 (SAPA Nos. 19-

⁶⁷ Id., pp. 10-11 (citing Commission action taken in Case 08-E-0539, Consolidated Edison Company of New York, Inc. - Rates, Order Setting Electric Rates (issued April 24, 2009), pp. 328-331, in which employees were arrested as a result of a kickback scheme with vendors performing construction work and the Commission imposed a Rate Adjustment Clause).

⁶⁸ Id., pp. 13-14.

G-0309SP1 and 19-G-0310SP1). The responsive public comments received on the KEDNY and KEDLI rate filings are discussed below.

B. Initial Public Statement Hearing Comments

Seven public statement hearings were held on the KEDNY and KEDLI rate filings throughout the Companies' service territory, four for KEDNY and three for KEDLI. A total of 35 people provided comments at the KEDNY hearings held in Long Island City and Brooklyn on July 31, 2019, and in Staten Island in afternoon and evening sessions on August 21, 2019. Eight people provided comments at the KEDLI hearings held on Long Island in Mineola and Smithtown on July 31, 2019, and in Riverhead on August 1, 2019.

Speakers on behalf of PULP commented in opposition to both KEDNY's and KEDLI's proposed rate increases. PULP commented that low-income customers already were struggling to pay their bills and that the Companies' proposed rate increases would make it even more difficult for such customers to afford gas service. PULP also requested an investigation into KEDNY's gas moratorium, noted concern that KEDNY emailed its customers to encourage them to lobby their elected officials with respect to the NESE Project, and asserted that rising Superfund cleanup costs should be shared between ratepayers and stockholders rather than being imposed solely on the ratepayers.

AARP NY submitted comments in opposition to KEDNY's requested rate increase, stating that such increases have a disproportionate impact on older customers with low or fixed incomes and many of whom must decide how to allocate limited funds between utility bills and food and medicine. AARP NY stated that adverse health outcomes could result when older adults with low or fixed incomes cannot afford to adequately

heat their homes and that KEDNY customers were still absorbing the increases from KEDNY's last rate case. AARP NY also voiced concerns about rising Superfund cleanup costs and KEDNY's requiring elderly and disabled customers to physically come into a company office to negotiate payment arrangements rather than allowing that to be done by telephone.

The Executive Director of NCA stated that it was opposed to KEDNY "offloading" all of its Superfund costs onto ratepayers. He also stated that NCA members were "unaware of any instance in New York State where a public utility has captured one hundred percent of environmental remediation cost from their customers and [could not] understand the rationale to allow such an approach here."⁶⁹ A few individuals also raised similar concerns.

NCA generally supported KEDNY's proposal to construct a renewable natural gas project involving the Newtown Creek Wastewater Treatment Plant because it would create a renewable energy source that can reduce greenhouse gas emissions and shift consumption away from "destructive fossil fuels." However, NCA remained concerned about local impacts that might result from the project, including increased truck traffic along already congested truck routes in Greenpoint, East Williamsburg and Bushwick. NCA requested greater financial transparency about the project and more information about its potential benefits to and negative impacts on the Greenpoint community.

New York City Councilman Chaim Deutsch (48th District) commented about KEDNY's gas moratorium. Councilman Deutsch opposed KEDNY's requested rate increase and stated that the gas moratorium was preventing the development of affordable housing and impacting various businesses and individuals involved in

⁶⁹ July 31, 2019 Long Island City Public Statement Hearing Transcript, p. 10.

such development. Assemblyperson Robert Carroll (44th District) stated that many of his constituents already struggled to pay their utility bills and that approval of KEDNY's request for a rate increase would make that even more difficult. He voiced "serious concerns" about KEDNY's "plan to recover superfund costs on the backs of ratepayers in Brooklyn"⁷⁰ and stated that KEDNY has made no case for the gas moratorium, which, he said, was started without notice to ratepayers, triggered substantial and unwarranted costs, and may have negative impacts on the electric grid as people seek to meet their energy needs with electricity rather than gas.

Assemblyperson Jo Anne Simon (52nd District) opposed KEDNY's requested rate increase as unaffordable and requested an investigation into the gas moratorium, questioning the purpose and need for the moratorium and noting that many people whose gas was shutoff during renovations were not told that they would not be able to resume gas service after the renovations were completed. Assemblyperson Simon also stated that ratepayers living with the environmental damage done to the Gowanus Canal should not be solely responsible for superfund cleanup costs.

A speaker on behalf of New York City Councilman Steve Levin (33rd District) also opposed KEDNY's rate increase as unaffordable and raised similar concerns about the gas moratorium. Brooklyn Borough President Eric L. Adams submitted a comment opposing KEDNY's proposed rate increase as unaffordable and against KEDNY's ability to shift all of its Superfund cleanup costs onto ratepayers. Assemblyperson Michael Reilly (62nd District) submitted a comment requesting the Public Service Commission to take into consideration the overall cost

⁷⁰ July 31, 2019 Brooklyn Public Statement Hearing Transcript, p. 16.

of living that, when combined with the Companies' proposed rate increases, would drive families and businesses out of New York.

Several individuals also commented negatively about the gas moratorium and requested an investigation. Some people and groups questioned whether KEDNY was fabricating the need for a moratorium in order to bolster support for the Williams NESE pipeline, which, they stated, would allow KEDNY to make more money by delivering gas from out of State. Many people and groups specifically opposed the Williams NESE pipeline project as unnecessary, expensive, environmentally unsound and an investment into assets that would become stranded as the State moves to renewable energy sources. One person stated that, as the transition to green energy occurs, more and more people who can afford alternative forms of energy will switch to them, causing gas delivery prices to increase and leaving a smaller pool of low- and moderate-income ratepayers to pay the rising gas delivery costs.

A few individuals recounted how the gas moratorium affected them personally. One person was unable to use her second-floor apartment for rental income because she had to continue living there because KEDNY refused to restore gas service to her first-floor apartment following restorations. A real estate developer stated that he spent thousands of dollars installing new gas lines and equipment while renovating distressed properties and subsequently was unable to get the gas turned back on. A small businessman recounted that he had invested hundreds of thousands of dollars to start a new restaurant, hiring approximately 15 workers, and then was told that KEDNY would not give him gas service because of the moratorium.

Stop the Pipeline Coalition, Sane Energy, Food & Water Watch, and various individuals stated that KEDNY should not be

allowed to increase rates to finance the expansion of natural gas infrastructure or replacement of leak prone pipe, which, they said, would prolong the transition from fossil fuels to renewable energy and allow environmentally detrimental carbon emissions and methane leaks to continue to negatively impact the climate. Some people also stated that KEDNY's request was in direct opposition to the requirements of the CLCPA and similar legislation passed in New York City and that ratepayer dollars should not go to a company that has proven it cannot properly maintain pipelines. A few commenters stated that, "instead of spending money on the expansion of "fracked gas" infrastructure, [KEDNY] should be working to reduce gas demands [through] energy efficiency, beneficial electrification and heat pumps, and invest[ing] in renewable energy."⁷¹ Several other commenters echoed that position.

One group requested that ratepayer dollars be used to fund lawyers to represent intervenor groups and individuals opposed to rate increases or to particular aspects of a utility's rate case. Some people stated that it was difficult to attend the public statement hearings and that more hearings should be scheduled in more locations so more people can participate.

The Greater Jamaica Building Corporation (JBC), the New York Building Congress (NYBC), HeartShare Human Services (HeartShare), the Staten Island Economic Development Corporation (SIEDC) and the College of Staten Island commented in favor of KEDNY's rate proposal. JBC stated that the requested rate increase would alleviate uncertainty in the delivery of natural gas to meet increasing demands and noted favorably KEDNY's responsiveness to business and residential needs and its

⁷¹ July 31, 2019 Brooklyn Public Statement Hearing Transcript, pp. 45, 48.

commitment to providing safe, reliable and sustainable energy to Queens and the surrounding region. The NYBC stated that the requested rate increase was needed for KEDNY to operate effectively, implement innovative technologies, incentivize conservation and maintain the natural gas infrastructure to support the long-term economic growth and viability of the region. The NYBC also stated that KEDNY's rate proposal contained proposals to reduce greenhouse gas emissions provided KEDNY with opportunities "to continue transitioning into the cleaner energy future."⁷²

The HeartShare speaker commented that KEDNY has a "social side" and has programs in place to help lower income ratepayers, including a program to help people convert from oil-to-gas service. SIEDC stated that a strong and reliable gas system is necessary to contribute to Staten Island's overall economic health and that approval of KEDNY's requested rate increase would allow KEDNY to modernize its system, improve safety for workers, improve customer service, make technical and resiliency improvements and create a cleaner energy future. A speaker on behalf of the College of Staten Island stated that KEDNY has given hundreds of thousands of dollars in scholarships to students, awarded the College a large grant to fund tech startups on Staten Island, and supported numerous causes and events on Staten Island.

Vision Long Island (VLI), New Ground, Girls Inc. of Long Island, the Community Development Corporation of Long Island and the American Red Cross commented in favor of KEDLI's rate proposal. VLI stated that KEDLI has been a partner with the community in recovery and storm-hardening efforts following Superstorm Sandy, in affordable housing projects, in providing

⁷² July 31, 2019 Brooklyn Public Statement Hearing Transcript, p. 54.

grants for various other business projects and in supporting local community groups. VLI recognized that renewable energy and energy efficiency are "our future," stated that KEDLI has been working on geothermal and efficiency programs and that natural gas is the best solution we have right now, and otherwise supported the need for the Williams NESE pipeline project. New Ground stated that KEDLI's energy affordability programs were "great," that natural gas was more affordable than oil and that "a rate increase is affordable for some of us on Long Island to help support those who can't afford it."⁷³

Girls Inc. of Long Island supported KEDLI's "blueprint to reduce greenhouse gas emissions" and "initiatives to connect customers to programs and services"; noted that a strong, reliable and sustainable energy system was needed for continued progress on Long Island's residential and business communities; and stated that investments are needed to continue infrastructure modernization, incentivize conservation and implement improved safety requirements. Girls Inc. Long Island also stated that KEDLI has been a strong supporter of STEM (Science, Technology, Engineering and Mathematics) education in the region and has partnered with Girls Inc. on several field trips and mentoring opportunities.

CDCLI stated that it works in the areas of community development, economic stability and housing and that KEDLI's Cinderella Program has provided critical leadership, funding and support for the difficult multifamily developments that CDCLI builds for those who are most vulnerable and at risk. The American Red Cross described how KEDLI has actively supported its work to prepare communities for, respond to and recover from disasters.

⁷³ July 31, 2019 Nassau County Public Statement Hearing Transcript, p. 22.

C. Public Statement Hearing on the Joint Proposal

On June 9, 2021, the ALJs held afternoon and evening public statement hearings on the Joint Proposal.⁷⁴ Several members of the public presented comments, the majority of which spoke against the Joint Proposal. Those commenters primarily cited environmental and rate impact concerns as the basis for their opposition.

D. Filed Public Comments and Opinion Line Comments

In addition to the public statement hearing comments, over 15,600 written comments were filed with the Commission's Secretary in these proceedings.⁷⁵ More than 2,100 telephone comments also were received on the Commission's opinion line.

All of the opinion line comments opposed the requested rate increases. The vast majority of the written comments expressed opposition to the proposed rate increases as unaffordable, especially given what they asserted were the rate increases resulting from the Companies' most recent prior rate cases, the rising cost of living, and the Companies' recent profit margins. A large number of commenters maintained that the Companies should foster energy efficiency and non-pipeline alternatives, phase out current gas usage, focus on the development of renewable energy sources, and make available to all customer classes incentives for energy efficiency and for the use of renewable energy sources. Various commenters raised

⁷⁴ Transcripts of the June 9, 2021 public statement hearings are available on the Department's DMM system.

⁷⁵ All public comments received are posted to the Department's DMM system. We also note that over 9,760 public comments have been filed in Case 19-G-0678, Proceeding on Motion of the Commission to Investigate Denials of Service Requests by National Grid USA, The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid.

concerns about climate change, what they asserted was the Companies' plan to expand gas infrastructure to bring gas into New York, and the implications of the CLCPA.

Some commenters stated that the Companies were falsely stating that a gas supply shortage warranted the gas moratorium in order to bolster support for the NESE Project, which these commenters oppose. Some individuals opposed the use of LNG or CNG being trucked into communities as a short-term solution to supply needs. Many commenters opposed the proposed projects to store LNG and CNG within the Companies' facilities located near residential neighborhoods.

A significant number of commenters opposed expenditures related to the delivery of natural gas to the Companies' customers and the Companies' proposal to construct the remaining phases of the natural gas distribution pipeline known as the MRI Project in North Brooklyn.⁷⁶ Specifically, a commenter expressed concerns about the continued construction of the MRI Project during these proceedings in the absence of Commission approval and in light of the CLCPA's mandate to reduce greenhouse gases. They raised concerns about the environmental justice communities through which the MRI Project runs, which the CLCPA protects. Beginning in 2019 and continuing through 2020 and 2021, local residents protested bringing gas to New York and the continuing construction of the

⁷⁶ The MRI Project consists of approximately seven miles of 30-inch high-pressure pipeline that brings natural gas from Pennsylvania and runs through the Brownsville, Bedford-Stuyvesant, Bushwick, East Williamsburg, and Greenpoint neighborhoods, ending at the National Grid depot facility in Maspeth, Queens near Newtown Creek.

MRI Project.⁷⁷ Some of the protests halted construction work and resulted in arrests.⁷⁸ Approximately 160 organizations submitted a letter to the Governor asking that the Commission reject the aspects of the Companies' rate plans related to the delivery of natural gas to customers and associated infrastructure, such as the MRI Project.⁷⁹

Some commenters supported expansion of the Newtown Creek renewable natural gas project in Brooklyn. Several expressed support for the use of geo-thermal heat pumps, offshore wind, battery storage, and other carbon free options.

Several individuals also stated that more public input was needed in rate cases, public statement hearings should be more widely advertised and more often held later in the evening, and individuals and groups should be funded to hire attorneys to represent them and to retain experts to provide testimony in rate proceedings. Many individuals requested that the Public Service Commission look for opportunities not just to maintain rates but to reduce them. More recently, individuals have stated that rate increases should be rejected given the economic effects from Covid-19. Groups commenting in opposition to the

⁷⁷ Press reports in February, June, October and December 2020 and February 2021 reflected in-person protests at the site of construction activities for the MRI Project. See <https://www.bkreader.com/2020/10/20/politicians-join-activists-in-fight-against-cross-brooklyn-gas-pipeline/>; <https://gothamist.com/news/national-grid-fracked-gas-pipeline-brooklyn-protest>; <https://grist.org/energy/a-bike-ride-through-brooklyn-traces-the-path-of-national-grids-proposed-pipeline/>; <https://northbrooklynnews.com/2021/05/11/mobile-rally-to-brake-pipeline/>.

⁷⁸ <https://pix11.com/news/local-news/brooklyn/demonstrators-chained-to-pipe-at-brooklyn-construction-ditch-to-protest-pipeline-nypd/>.

⁷⁹ June 8, 2020 letter to Honorable Andrew M. Cuomo.

Companies' proposed rate hikes included Mothers Out Front, Nassau Hiking and Outdoor Club, NCA, and the Long Island Progressive Coalition.

Several members of the New York State Assembly wrote a letter opposing the Companies requested rate increases, noting the high cost of living on Long Island and in New York City.⁸⁰ They opposed rate increases that would be used to invest in what they stated would be stranded gas infrastructure assets. Noting that New York State and City policies are promoting decarbonization, the various elected officials also stated that the Companies might have a better public response if they were to "repurpose their billions in spending into demand reduction and gas efficiency projects, other moratorium aversion and moderation projects, and potential subsidized electrification projects where such projects do not impinge upon low-income/fixed-income affordability."

In another letter, various elected officials and other politicians opposed KEDNY's requested rate increases to the extent such increases would be used to construct the MRI

⁸⁰ See Letter dated November 20, 2019, and signed by Assemblypersons Robert Carroll (44th District), Walter Mosley (57th District), Joseph Lentol (50th District), Simcha Eichenstein (48th District), David McDonough (14th District), Michael Cusick (63rd District), Linda Rosenthal (67th District), Anthony D'Urso (16th District), Steven Cymbrowitz (45th District), Michael Montesano (15th District), Jo Anne Simon (52nd District), Richard Gottfried (75th District), Michaelle Solages (22nd District), Karines Reyes (87th District), and William Colton (47th District).

transmission pipeline through North Brooklyn.⁸¹ Brooklyn Community Board 1 commented in opposition to KEDNY's "proposed rate hike to expand fracked gas infrastructure" in the local community. The Board also questioned replacement of vaporizers at the Greenpoint LNG facility.

Senator Todd Kaminsky (9th District) opposed KEDLI's requested rate increases and stated that the Commission should take steps to minimize rate increases for customers on Long Island, where, he noted, the rising cost of utilities is contributing to making life unaffordable. Assemblyperson William Colton (47th District) opposed the Companies' requested rate increases, stating that no public need exists for the NESE pipeline, that the Companies' Long Term Capacity Report filed in the Moratorium proceeding is inaccurate and incompatible with the State's climate change policies, and that the likely impacts from the Covid-19 crisis support the denial of any rate increases. Assemblyperson Joseph R. Lentol (50th District) opposed KEDNY's requested rate increases and the use of any funds to expand the NESE Project or construct the MRI Project. Assemblyperson Lentol also stated that a rate increase was particularly inappropriate in light of the Covid-19 crisis.

⁸¹ See Letter dated February 24, 2020, and signed by Senators Julia Salazar (18th District), Kevin Parker (21st District) and Zellnor Myrie (20th District); Assemblypersons Joseph Lentol (50th District), Maritza Davila (53rd District), Robert Carroll (44th District), Richard Gottfried (75th District), Harvey Epstein (74th District), Aravella Simotas (36th District), Michael Miller (38th District), William Colton (47th District), Phillip Steck (110th District), Jo Anne Simon (52nd District), Barbara Lifton (125th District) and Rebecca Seawright (76th District), and Assistant Speaker Felix W. Ortiz (51st District); Councilmembers Antonio Reynoso (34th District) and Stephen Levin (33rd District), Comptroller Scott M. Stringer, and District Leaders Tommy Torres (53rd District) and Nick Rizzo (50th District).

Energy Vision, a not-for-profit environmental organization, expressed support for the Companies' renewable energy proposals, including the Green Gas Tariff, the Renewable Natural Gas (RNG) interconnection project, and the Power-to-Gas pilot project. The Coalition for Renewable Natural Gas also expressed support for the Companies' RNG proposals. The President and Chief Executive Officer of the Staten Island Chamber of Commerce supported rate increases to ensure that the Companies can continue to deliver safe, reliable and sustainable natural gas to community residents and businesses.

On July 13, 2021, Community Board No. 1 in Brooklyn, submitted comments requesting that the Commission not approve the Joint Proposal based on arguments related to: the Companies' supposed failure to provide a detailed plan reflecting how they would comply with the goals of the CLCPA and New York City Local Law 97; what the Community Board asserts are the Companies' responsibility for the severe negative impacts on Newtown Creek and lead contamination at the Companies' Greenpoint facility; the Companies' commencement and completion of large sections of the MRI Project and the Greenpoint Facility Vaporizers infrastructure projects before financial approval and community knowledge and input; revival of the Greenpoint LNG trucking facility project; and what the Community Board asserts is the false narrative of a short gas supply that was used by the Companies to institute a moratorium on new gas connections for many residents and businesses.

V. THE IMPACT OF COVID-19 ON THESE PROCEEDINGS

The domestic impacts of the Covid-19 global pandemic began shortly after the conclusion of the evidentiary hearing on February 25, 2020, quickly and severely impacting New York City and Long Island, where the Companies' service territories are

located, and rapidly extended to the entire State. On March 7, 2020, Governor Cuomo issued an Executive Order Declaring a Disaster Emergency in the State.⁸² Thereafter, the Governor recommended, among other things, that all non-essential persons in the State stay at home due to the rampant spread of the Covid-19 virus. This resulted in many commercial and industrial businesses closing and residential customers staying home throughout the State, including in the Companies' service territories.

The impacts caused by Covid-19 on the business operations of KEDNY and KEDLI, on ratepayers, and on the State's economy continues to evolve.⁸³ At the time of this Order's issuance, New York has begun reopening its economy while continuing to respond to the crisis. However, the future course of the pandemic still remains uncertain, notwithstanding the tremendous strides taken to combat the spread through the State's vaccination efforts.

Despite these circumstances, the Commission's determination here on the Joint Proposal and Companies' filings remains subject to the time-limited suspension provisions in PSL §66(12) and with the need for the Companies and their customers to have a certainty in the uninterrupted service of vital utilities and the rates for that service. The parties that provided Statements in Support of the Joint Proposal identified information relevant to the record and addressed issues that have arisen since the close of hearings in February 2020 and the

⁸² Executive Order 202 (issued March 7, 2020) (commonly referred to as New York State on PAUSE).

⁸³ As noted in the ALJs' April 7, 2020 ruling, which denied PULP's Motion to reopen the hearing record, the full impacts of Covid-19 will not be known for some time. See Ruling Denying Public Utility Law Project's Motion to Reopen the Record (issued April 7, 2020), p. 8.

advent of the Covid-19 pandemic. In addition, the ALJs held public statement hearings on June 9, 2021, and conducted an evidentiary hearing on the Joint Proposal commencing on June 21, 2021. Consequently, we are confident that the record before us is more than adequate to consider the Joint Proposal and making the required findings under PSL §66.

Only time will tell the full extent and duration of the pandemic's economic impacts.⁸⁴ We recognize that many of the issues germane to such impacts may be addressed in the next rate case or through reconciliation and deferral mechanisms included in our determination here. In adopting the Joint Proposal with conditions, the Commission has considered the State's statutory, regulatory and policy mandates and objectives to address climate change, while ensuring safe and reliable service and has balanced the financial impacts sustained by ratepayers with the impacts sustained by the Companies. In short, we find that the Joint Proposal here is in the best interest of both the Companies and ratepayers based on the record.

VI. TERM OF RATE PLANS

The Joint Proposal embodies three-year rate plans for KEDNY and KEDLI running from April 1, 2020, through March 31,

⁸⁴ Like all New York utilities, the Companies suspended disconnections for nonpayment during the Covid-19 pandemic, which resulted in higher uncollectible balances. See Cases 16-G-0058, 16-G-0059, supra, Order Postponing Approved Electric and Gas Delivery Rate Increases and Updated Reduction to the Low-Income Discount Credit and Temporarily Waiving Certain Tariff Fees (issued March 25, 2020); Order Adopting Action on a Permanent Basis (issue June 18, 2020). One mitigating factor for this impact has been the cost of debt, which was significantly lower during the Covid-19 crisis. These are just two examples of areas that may result in significant departures from the Companies' historic and forecasted revenues and expenses contained in this record.

2023.⁸⁵ Rate Year One would be the 12-month period beginning April 1, 2020, and ending March 31, 2021; Rate Year Two would be the 12-month period beginning April 1, 2021, and ending March 31, 2022; and Rate Year Three would be the 12-month period beginning April 1, 2022, and ending March 31, 2023. The Joint Proposal also contains terms that would apply in a "Stay Out" period (i.e., the period in which the Companies would not file for new rates) beginning April 1, 2023, and ending on the earlier of (1) the effective date of revised base rates for KEDNY and KEDLI, or (2) on March 31, 2024, in the event that the Companies do not file tariff amendments to establish new base delivery rates that would become effective for that period.

The three-year term of the rate plans will provide the Companies with adequate revenues to effectively pursue long term capital projects and meet the obligation to provide safe, adequate and reliable gas service. As such, the rate plans will allow the Companies to focus on managing their gas businesses rather than expending resources on additional annual rate filings. In addition, the three-year rate plans provide rate stability and certainty to customers until March 2023. The three-year rate plans also benefit market participants seeking to provide new or enhanced products and services by allowing certainty in long-term planning efforts. We conclude that the three-year term of the rate plans for each Company is beneficial to the Companies, customers and other market participants and is therefore in the public interest.

⁸⁵ Joint Proposal, pp. 8-9.

VII. REVENUE REQUIREMENTS

A. Rates and Revenue Levels

After factoring in the elimination of the Energy Efficiency surcharge and the sur-credit that provided customers savings related to the reduction in the federal corporate income tax rate from the Tax Cuts and Jobs Act of 2017, the use of regulatory liabilities (deferred credits) as offsets, and applicable changes to the Gross Revenue Tax (GRT) amount, both Companies' level of overall revenues did not increase during Rate Year One. KEDNY's revenues would be increased by approximately \$40.6 million, or 2 percent, in Rate Year Two and by \$41.9 million, or 2 percent, in Rate Year Three,⁸⁶ with corresponding average monthly total bill increases of \$5.56 (3.77 percent) and \$4.89 (3.26 percent), respectively.⁸⁷ KEDLI's revenues would be increased by \$23.3 million, or 1.8 percent in Rate Year Two and by \$24.9 million, or 1.8 percent in Rate Year 3,⁸⁸ with corresponding average monthly total bill increases of \$5.35 (3.71 percent) and \$5.45 (3.73 percent), respectively.

Over the three-year term of the rate plans, KEDNY will amortize approximately \$94.9 million in deferred credits and KEDLI will amortize approximately \$4.84 million in deferred credits.⁸⁹ Those amounts include regulatory liabilities in the amount of \$21 million, established in the Gas Safety Enforcement

⁸⁶ Joint Proposal, p. 9.

⁸⁷ These numbers are for the average residential gas heating customers using 102 therms per month.

⁸⁸ Joint Proposal, p. 10.

⁸⁹ Joint Proposal, pp. 12-15.

Proceedings (Cases 18-G-0094 and 17-G-0317),⁹⁰ and \$20 million, established in the Moratorium Proceeding (Case 19-G-0678), which will be used to offset the Companies' energy efficiency and demand response programs.⁹¹ As discussed in more detail later in this Order, the revenue requirements also include the amortization of unprotected excess accumulated deferred income taxes (ADIT) resulting from the passage of the Tax Cuts and Jobs Act of 2017, on accelerated schedules.

Before factoring in the elimination of surcharges and sur-credits and the use of offsets, the Joint Proposal provides for a \$4.7 million decrease to KEDNY's revenue requirement for Rate Year 1, approximately \$36 million lower than DPS Staff's recommended revenue requirement in its evidentiary hearing testimony and reply brief.⁹² The Joint Proposal reflects revenue requirement increases for KEDNY of \$47.02 million in Rate Year 2

⁹⁰ See Case 18-G-0094, Proceeding on Motion of the Commission for an Enforcement Against National Grid USA and its Subsidiary KeySpan Gas East Corporation d/b/a National Grid for Failure to Maintain and Reestablish Cathodic Protection, Order Instituting Proceeding and to Show Cause (issued November 15, 2018; id., Order Adopting Settlement Agreement (issued March 18, 2021); Case 17-G-0317, Proceeding on Motion of the Commission to Investigate The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid Compliance with Operator Qualification, Performance, and Inspection Requirements with Respect to Work Completed by Company and Contractor Personnel, Order Instituting Proceeding and to Show Cause (issued July 12, 2019); id., Order Adopting Settlement Agreement (issued March 18, 2021).

⁹¹ Case 19-G-0678, Proceeding on Motion of the Commission to Investigate Denials of Service Requests by National Grid USA, The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid, Order Instituting Proceeding and to Show Cause (issued October 11, 2019); id., Order Adopting Second Amendment to Settlement Agreement (issued April 15, 2021).

⁹² DPS Staff Reply Brief, Appendix 2, p. 1.

and \$73.3 million in Rate Year 3. For KEDLI, the Joint Proposal provides for a revenue requirement decrease of \$22.8 million in Rate Year 1, which is significantly less than KEDLI's \$37.5 million increase requested in litigation.⁹³ The Joint Proposal provides for revenue requirement increases of \$28.91 million in Rate Year 2 and \$26.2 million in Rate Year 3.

As compared to the last time rates were set, KEDNY's rate base has grown in Rate Year 1, largely due to increases in net plant, along with the increase in associated depreciation expense and property taxes from those investments.⁹⁴ Although there are increases and decreases to various components of KEDNY's O&M expenses in Rate Year 1, KEDNY's O&M expenses overall have increased. The O&M expenses that are increasing in Rate Year 1 include costs for energy efficiency, paving, site investigation and remediation, service company rents for facilities and information technology, other rent expense, labor, and new gas safety and infrastructure programs and incremental employees.⁹⁵ A portion of those increases are offset by decreases in O&M expenses for injuries and damages, pensions and other post-employment benefits (OPEBs), contractors and savings from a Company implemented efficiency program. Increases to KEDNY's Rate Year 1 revenue requirements are offset by increased sales revenue and, as discussed above, through the amortization of unprotected excess ADIT.

In addition to amortization of approximately \$94.9 million in deferred credits discussed above, the revenue requirements for KEDNY also include amortization of select regulatory deferred credit balances to assist in funding

⁹³ DPS Staff Reply Brief, Appendix 1, p. 1; Companies' Initial Brief, Appendix 1, p. 1.

⁹⁴ Hearing Exhibit 824, DPS Response to ALJ-9.

⁹⁵ Hearing Exhibit 824, DPS Response to ALJ-9.

increases for specific program expenses in the rate years. Specifically, deferred credits for economic development, gas safety negative revenue adjustments, and unexpended energy efficiency funds are all being amortized over the three rate years. As with KEDNY, KEDLI's rate base has grown in Rate Year 1 as compared to the last time rates were set, largely due to increases in net plant and the increase in associated depreciation expense and property taxes from those investments.⁹⁶ Despite increases and decreases to various O&M expenses, KEDLI's O&M expenses overall have decreased. The O&M expenses that are increasing in Rate Year 1 include costs for energy efficiency, service company rents for facilities and information technology, and new gas safety and infrastructure programs and incremental employees. The increases in O&M expenses are offset by decreases for items such as injuries and damages, pensions and OPEBs, contractors, labor, other O&M expense, and savings from a Company implemented efficiency program. Similar to KEDNY, the Rate Year 1 revenue requirement includes offsets stemming from increased sales revenue and, as discussed earlier, through the amortization of unprotected excess ADIT.

In addition to amortization of approximately \$94.9 and \$4.8 million in deferred credits for KEDNY and KEDLI, respectively, as discussed above, the revenue requirements for both KEDNY and KEDLI also include amortization of select regulatory deferred credit balances to assist in funding increases for specific program expenses in the rate years. Specifically, deferred credits for economic development, gas safety negative revenue adjustments, and unexpended energy efficiency funds are being amortized over the three rate years.

⁹⁶ Exhibit 824, DPS Response to ALJ-9.

For both KEDNY and KEDLI, the primary drivers of the revenue requirement increases for Rate Years 2 and 3 are increases in O&M expenses, particularly for labor, energy efficiency, and service company rents, as well as increased net plant from new infrastructure investment and the associated depreciation expense and property taxes. Those increases are partially offset by projected incremental sales revenue.

In their Statement in Support of the Joint Proposal, the Companies explain that, as compared to their final supplemental filings in these proceedings, the proposed revenue requirements for Rate Year 1 reflect reductions in operations and maintenance (O&M) expense levels of \$67.2 million for KEDNY and \$29.8 million for KEDLI and downward adjustments to rate base of \$45.9 million for KEDNY and \$16.8 million for KEDLI.⁹⁷ The Companies state that the reductions to O&M expense levels include no increases in management wages for the Companies' senior managers through June 30, 2022, and no increases for senior executives through June 30, 2023. In addition, the Joint Proposal reflects reductions to the Companies' capital plans of over \$970 million for KEDNY and \$481 million for KEDLI as compared to the capital plans proposed by the Companies in litigation.⁹⁸

In its Statement in Support, DPS Staff states that, as compared to the revenue requirements requested by the Companies during the litigated phase of these cases, the revenue requirements in the Joint Proposal reflect adjustments that, among other things, limit management wage increases, reduce capital expenditures, reduce the number of incremental full time equivalent employees (FTEs), reduce O&M expenses associated with

⁹⁷ Companies' Statement in Support, pp. 19-20.

⁹⁸ Hearing Exhibit 831, Companies' Response to ALJ-16.

new programs, defer and delay new or enhanced programs, reduce information technology (IT) expenditures, and delay acceleration of depreciation associated with LPP assets for KEDNY.⁹⁹ DPS Staff maintains that the revenue requirement increases proposed in the Joint Proposal are modest and “result in an appropriate amount of funds to allow the Companies to continue providing safe and adequate service to customers” while making “progress toward various policy goals and objectives.”¹⁰⁰

Discussion

The revenue requirements established in the Joint Proposal are the result of significant compromise by the signatory parties and their concerted efforts to mitigate bill impacts during the Covid-19 pandemic, particularly in Rate Year 1. Despite factors that unavoidably create upward pressure on customer bills, including projected lower sales forecasts, inflation, depreciation expense, increased property taxes, and funding for necessary capital projects, the Joint Proposal reflects revenue requirements over each of its three Rate Years that are more favorable to ratepayers than could have been achieved in a fully-litigated outcome. After various downward adjustments to the Companies’ requested revenue requirements and the amortization of various regulatory liabilities, the Joint Proposal provides for no revenue increases in Rate Year 1 and reasonable revenue increases in Rate Year 2 and Rate Year 3, while allowing the Companies to proceed with necessary capital expenditures, meet legal obligations such as site investigation and remediation costs and property taxes, and promote the Commission’s conservation and energy policy goals.

⁹⁹ DPS Staff Statement in Support, p. 20.

¹⁰⁰ DPS Staff Statement in Support, pp. 20-21.

As evidenced by the extensive evidentiary record, the rate plans proposed in these proceedings were thoroughly vetted by DPS Staff and the parties. The capital programs set forth in the Joint Proposal are necessary to enable the Company to continue to provide safe and reliable service. Moreover, although some parties take issue with impacts to rates in the period following these three-year rate plans and others object to the funding of specific capital projects (which are discussed in further detail later in this Order), none of the parties provides any particularized objections to both the overall revenue requirements and the revenue increases established in the Joint Proposal. We find that the signatory parties have appropriately balanced the need for the Companies to maintain and improve the provision of safe and reliable gas service with the need to avoid passing on excessive costs to customers at this time. Accordingly, we find the revenue requirements and their associated rates proposed under the three-year rate plan in the Joint Proposal to be just and reasonable.

B. Amortization of Excess Accumulated Deferred Federal Income Taxes

The Tax Cuts and Jobs Act (the TCJA), enacted in December 2017, reduced the federal corporate income tax rates from a high of 35 percent to a flat rate of 21 percent. Recognizing that ratepayers should receive the benefit of the lower federal tax rate, the Companies recorded the rate change reduction to the ADIT with an offset to an income tax regulatory liability.¹⁰¹ The Companies split the excess ADIT between protected plant, unprotected plant, net operating loss, and unprotected non-plant balances.¹⁰² The proposed revenue

¹⁰¹ Tr. 1907.

¹⁰² Tr. 1907.

requirements include amounts from the amortization of excess federal ADIT, which will be used to benefit ratepayers by mitigating rates.

Under the Joint Proposal, protected excess accumulated deferred income taxes are amortized pursuant to Internal Revenue Service (IRS) normalization rules using the Average Rate Assumption Method (ARAM), resulting in an amortization period of 44 years for KEDNY and 47 years for KEDLI.¹⁰³ Unprotected excess ADIT is amortized over a five-year period for KEDNY and a ten-year period for KEDLI. If the Companies determine that the accelerated amortization of the unprotected excess ADIT would be in violation of IRS normalization rules and preclude full use of accelerated depreciation, the Companies have the right to modify the amortization of excess ADIT to the extent necessary to be consistent with IRS normalization rules. In that event, the Companies shall file a notice with the Secretary explaining the need for such action. Any issues raised by the notice shall be resolved in proceedings on the Companies' next rate case filings.

In pre-filed testimony, the Companies proposed to amortize unprotected excess ADIT over the same periods as the protected excess ADIT, that is, 44 years for KEDNY and 47 years for KEDLI.¹⁰⁴ DPS Staff originally recommended using a 10-year amortization period for unprotected excess ADIT to moderate rate increases and more rapidly return tax benefits to customers.¹⁰⁵ PULP initially asserted, and AARP NY agreed, that the unprotected excess ADIT be amortized so that the entire balances

¹⁰³ Joint Proposal, p. 13.

¹⁰⁴ The excess ADIT on the net operating loss is considered to be protected and has been amortized in the same manner as the protected plant excess ADIT. Tr. 2589-2590.

¹⁰⁵ Tr. 2591.

are used to mitigate rate increases “during the rate period determined in these proceedings.”¹⁰⁶

The accelerated amortization periods for unprotected excess ADIT provided in the Joint Proposal help moderate the revenue requirement impacts during the term of the rate plans, benefitting ratepayers during a time when the economy is recovering from the financial impacts of the ongoing Covid-19 pandemic. The Joint Proposal recognizes the possibility that the IRS could determine that the acceleration of amortization periods used in the Joint Proposal violates IRS tax normalization provisions, which could preclude the Companies from using the full amount of accelerated depreciation to moderate rates. Accordingly, the Joint Proposal reasonably allows the Companies to modify the accounting for ADIT and amortization of excess ADIT only to the extent necessary to ensure compliance with IRS tax normalization principles to remain eligible to use accelerated amortization without interruption.

C. Make-Whole Provision

Due to the protracted nature of these proceedings, the Commission issued several orders granting extensions of the maximum extension period. The Commission’s February 10, 2020 extension order and each subsequent extension order granted the Companies’ requests that the extensions be subject to a “make whole” provision to restore them to the same financial position they would have been in had there been no extension and rates were effective beginning April 1, 2020.

Under the Joint Proposal’s make whole provision, the Companies would calculate any revenue adjustments “as the

¹⁰⁶ Tr. 1651.

difference between revenues the Companies would have received during the extension of the suspension period and the actual revenues received, excluding any revenue that is being recovered through compressed delivery rates.”¹⁰⁷ The revenue adjustments will include all applicable surcharges and carrying charges and be subject to reconciliation in accordance with all applicable adjustment mechanisms. The financial true-up targets established in these proceedings, as well as depreciation and amortization expense, will be applied to the extension of the suspension period.

In addition to the “make whole” relief, the May 15, 2020 Commission order granted certain relief to be effective on the Companies’ next rate filings. The Companies’ need for such additional relief is rendered moot by our adoption of the Joint Proposal in favor of its three-year rate plans that cover the rate years that would otherwise be subject to the additional relief.

VIII. THE CLCPA

The most contested issue in these proceedings is whether the CLCPA¹⁰⁸ is applicable to rate cases and, more specifically, whether CLCPA §7(2) and (3) apply to the Commission’s adoption of the Joint Proposal here.¹⁰⁹ A brief

¹⁰⁷ Joint Proposal, p. 15.

¹⁰⁸ CLCPA, L. 2019, ch. 106, ch. 735.

¹⁰⁹ For example, the Joint Proposal calls for certain capital projects to serve capacity needs in the Companies’ service territories, including compressed and liquified natural gas (CNG/LNG) projects. Both have the potential to increase greenhouse gas emissions. These projects may require State and local permits in which potential emissions presumably would be examined.

discussion of the CLCPA's provisions and the parties' positions illustrate the questions we confront here.

In their Statement in Support, the Companies assert that the Joint Proposal establishes an unprecedented set of commitments that support the clean energy and environmental goals set forth in the CLCPA and New York City Local Law 97, including commitments related to energy efficiency, demand response, increased electrification, non-pipe alternatives, and the development of studies and reports that address the impact of CLCPA and other climate policies on the Companies' business.¹¹⁰ The Companies further assert that these commitments would not have been possible outside of a negotiated agreement. Notably, the Companies call the CLCPA a "groundbreaking piece of climate legislation," which they "strongly support."¹¹¹ The Companies initially did not take a position with respect to the applicability of CLCPA §7(2) and (3) to these rate cases.

DPS Staff also did not initially take a position with respect to the applicability of CLCPA §7(2) and (3) to these rate proceedings. DPS Staff's Statement in Support repeatedly refers to several of the Joint Proposal's provisions in arguing that it further the CLCPA's objectives (citing Section IV.7.5). DPS Staff asserts that those measures would not be possible in a fully litigated rate case, including the provisions in which the Companies agree to operate their gas distribution systems with the goal of reducing billed gas sales by 0.5 percent compared to forecasted levels for Rate Year 2 and Rate Year 3; to implement energy efficiency programs; to remove, repair and retire LPP; to cease marketing oil-to-gas conversions and providing customer rebates; and to prepare CLCPA studies addressing greenhouse gas

¹¹⁰ Companies' Statement in Support, pp. 4, 7-8, 11-13, 91-96.

¹¹¹ Company Reply Brief, pp. 60-61.

emissions reductions targets.¹¹² DPS Staff asserts that the Joint Proposal is consistent not only with the CLCPA but with the Commission's energy efficiency and other policies, including the 2020 NE:NY Order.¹¹³

In their Statements in Support of the Joint Proposal, signatories NY Geo and EDF both acknowledge the merits of the agreement, but express concern that further expeditious action is required to align the Companies' operations with New York's and the City's climate policies. NY Geo asserts that "rate cases are an important real-world forum for making change" in order to contribute to the CLCPA's emission reduction mandates.¹¹⁴ EDF calls the Joint Proposal "an important step," but indicates that this rate case "has made clear that a business as usual approach to gas utility regulation is no longer sufficient in an era of rigorous climate commitments" under the CLCPA.¹¹⁵ EDF maintains that the Commission's order here must comply with what it asserts is CLCPA Section 7's requirement that all state agencies consider whether their administrative approvals and decisions are inconsistent with or will interfere with the attainment of the CLCPA's greenhouse gas

¹¹² DPS Staff Statement in Support, p. 13.

¹¹³ DPS Staff Reply Statement, pp. 15-16.

¹¹⁴ NY Geo Statement in Support, p. 1.

¹¹⁵ EDF Statement in Support, pp. 2-6.

emission reductions.¹¹⁶ EDF also refers to required compliance with New York City Local Law 97, which mandates a minimum 40 percent reduction in City-Wide greenhouse gas emissions by 2030.¹¹⁷

In each of their separate Statements in Opposition, AGREE and Sane Energy challenge the Joint Proposal as non-compliant with the CLCPA §7(2) and (3). AGREE asserts that the Joint Proposal “flouts” the objectives of the CLCPA and that the Commission is required to consider and apply CLCPA Section 7.¹¹⁸ AGREE further asserts that proposed gas infrastructure projects are not only inconsistent with the CLCPA, but are being built in communities suffering a legacy of environmental injustice in contravention of CLCPA’s requirement that state agency decisions should not disproportionately burden disadvantaged communities. AGREE argues that the Commission’s approval of capital expenditures for gas infrastructure projects that may increase

¹¹⁶ EDF Statement in Support, p. 5. On July 16, 2021, EDF filed a motion for leave to file a post-hearing brief addressing the CLCPA issues after missing the July 12, 2021 deadline for filing CLCPA briefs established in the ALJ’s ruling authorizing but not requiring such filings. See Ruling Granting Motion to File Post-Hearing Briefs Related to Limited Issues Under the Climate Leadership and Community Protection Act (issued July 6, 2021). The ALJs denied the motion due to the absence of any explanation or legitimate basis for EDF’s failure to timely submit its brief by the July 12, 2021 deadline in that Ruling.

¹¹⁷ 2019 N.Y.C. Local Law No. 97; N.Y.C Administrative Code §24-803. EDF submitted comments in the Gas Planning Proceeding, indicating that “[a]n essential step in reducing GHG emissions to achieve the CLCPA targets is to quantify and understand the emissions associated with any given proposal, and with the overall operations of each gas utility.” Case 20-G-0131, Proceeding on Motion of the Commission in Regard to Gas Planning Procedures, Reply Comments of Environmental Defense Fund on Staff Gas System Planning Process Proposal, p. 2. (June 4, 2021).

¹¹⁸ AGREE Statement in Opposition, pp. 4-10.

greenhouse gas emissions is subject to CLCPA Section 7 findings, analysis, and mitigation. AGREE challenges the Joint Proposal's reliance on increasing gas sales over the term of the rate plans, with increasing amounts of methane emissions and the nominal (0.5 percent) reductions, which do not offset forecast increased demand and emissions.¹¹⁹

In its Statements in Opposition, the CNY expressed concern about what it claims are the Joint Proposal's continued reliance on fossil fuels without a sufficiently aggressive performance targets for energy efficiency, demand response, electrification, non-pipe alternatives designed to be consistent with the City's and the State's clean energy policies and to achieve decarbonization and emission reductions.¹²⁰ The CNY asserted that the Joint Proposal does not incentivize an expeditious transition away from fossil fuels, as the CLCPA and Local Law 97 require.

In its Statement in Opposition, the NCA similarly asserts that the Joint Proposal does not take appropriate actions in reducing fossil fuel consumption in New York City and Long Island and that the construction of the MRI Project and LNG Greenpoint Vaporizers 13 and 14, will further the dependence on natural gas in the decades to come. In its Statement in Opposition, BSC Owners suggest that if New York is to build a renewable, reliable, and resilient grid to comply with the CLCPA, the State can neither continue to silo energy commodities and service territories nor ignore the contribution that distributive resources play.

In their Reply Statement, the Companies contest the arguments that the Joint Proposal is inconsistent with the CLCPA

¹¹⁹ AGREE Statement in Opposition, pp. 7-8.

¹²⁰ City of New York Statement in Opposition, pp. 6-8.

and the infrastructure projects violate CLCPA Section 7. The Companies assert that the Joint Proposal calls for taking "important foundational steps to meet the CLCPA's future emissions limits."¹²¹ The Companies also point out their legal obligations in PSL §65 and the Transportation Corporations Law to provide safe, adequate, and reliable service to their customers, which the CLCPA has not eliminated or curtailed, and that sales forecasts and long-term gas planning are designed to meet those obligations. The Companies dispute AGREE's claim that the MRI and LNG Projects are located in environmental justice communities. The Companies also disagree with the group's reading of CLCPA Section 7 as applicable to those projects "for which there is a demonstrated operational need."¹²² The Companies assert that the Joint Proposal and the gas infrastructure projects do not in any way prevent the State from achieving the emissions reductions established for 2030 and 2050.¹²³

In DPS Staff's Reply Statement in Support, it argues that CLCPA Sections 7(2) and 7(3) should not apply to rate cases or to the Commission's adoption of the Joint Proposal here.¹²⁴ DPS Staff maintains that the Commission's adoption of the Joint Proposal authorizes rate recovery and does not constitute issuance of any permits or approval of construction. DPS Staff claims that the record in this case does not reflect a disproportionate burden on disadvantaged communities in communities where the MRI or Greenpoint LNG Projects are

¹²¹ Companies' Reply Statement, pp. 5-9.

¹²² Companies' Reply Statement, pp. 11-13.

¹²³ Companies' Reply Statement, p. 9.

¹²⁴ DPS Staff Reply Statement, pp. 7-8.

located, within the meaning of CLCPA Section 7(3).¹²⁵ DPS Staff notes that the CLCPA is not “explicit regarding whether the Commission’s adoption of a rate order falls within the covered actions” of CLCPA Sections 7(2) and 7(3) and therefore it may not apply to Commission action that simply establishes rates of recovery based on a utility’s short- and long-range capital expenditure plans.¹²⁶ DPS Staff alternatively argues that assuming CLCPA Sections 7(2) and 7(3) apply to the Commission’s adoption of the Joint Proposal here, its terms are fully consistent with the requirements of those provisions due to the agreed-upon energy efficiency, demand/response, electrification and other measures.

After AGREE and Sane Energy moved to file post-hearing briefs on the CLCPA issues, the ALJs issued a ruling allowing additional briefing on two narrow CLCPA issues for the purpose of assisting the Commission in its determination on that issue here.¹²⁷

In their CLCPA Brief, the Companies assert that the statute does not apply to the Commission’s action here; that implementation of the CLCPA is premature; and that the Joint Proposal nevertheless is fully consistent with the CLCPA’s intent and appropriately balances the CLCPA’s emission reduction

¹²⁵ DPS Staff Reply Statement in Support, p. 9. Environmental Justice Communities are catalogued and defined by DEC to include urban areas in which at least 52.4 percent of the population reported themselves to be members of minority groups; or at least 22.8 percent of the population had household incomes below the federal poverty level of \$20,000. DEC “Maps and Geospatial Information System (GIS) Tools for Environmental Justice,” 2020 Update, (July 2021), available at <https://www.dec.ny.gov/public/911.html>.

¹²⁶ DPS Staff Reply Statement in Support, pp. 7-8.

¹²⁷ Ruling Granting Motion to File Post-Hearing Briefs Related to Limited Issues Under the Climate Leadership and Community Protection Act (issued July 6, 2021).

objectives with the PSL's requirement to provide safe and reliable service.¹²⁸ The Companies dispute that the Commission's adoption of the Joint Proposal would disproportionately burden disadvantaged communities and, instead, assert that the Joint Proposal contains numerous provisions that benefit such communities by maintaining rate affordability.¹²⁹

DPS Staff asserts in its CLCPA brief that CLCPA Sections 7(2) and 7(3) do not apply to agency actions related to projects.¹³⁰ DPS Staff further contends that, even assuming that the CLCPA applies to Commission action here, the Joint Proposal should be viewed in the context of the energy efficiency, demand/response, public safety and reliability benefits, and resulting greenhouse gas reductions intended by several provisions.¹³¹ DPS Staff also proposes that in considering the Joint Proposal, the Commission is empowered to balance the CLCPA against its statutory mandate of PSL §65(1) to assure safe and adequate service at just and reasonable rates.¹³² Like the Companies, DPS Staff disputes that the Joint Proposal disproportionately burdens disadvantaged communities. DPS Staff asserts that the Joint Proposal prioritizes benefits for low-income customers and those who may be considered disadvantaged.¹³³ DPS Staff also asserts that the CLCPA's effective date did not occur until after the Companies' rate filing here and therefore should not apply.¹³⁴

¹²⁸ Companies' CLCPA Brief, pp. 4-11.

¹²⁹ Companies CLCPA Brief, pp. 12-13.

¹³⁰ DPS Staff CLCPA Brief, pp. 2, 4-5, 8-9.

¹³¹ DPS Staff CLCPA Brief, pp. 6-7

¹³² DPS Staff CLCPA Brief, pp. 7-8.

¹³³ DPS Staff CLCPA Brief, p. 9, n. 17, (citing the Joint Proposal, p. 81).

¹³⁴ DPS Staff CLCPA Brief, pp. 10-11.

In their jointly submitted post-hearing CLCPA Brief, AGREE, Sane Energy, and individuals Wood, Spindelman and Thompson (collectively AGREE et al.) repeat most of the arguments raised in their Statements in Opposition that deal with the CLCPA's application to the Commission's action in considering and approving the Joint Proposal here. They dispute Staff's reading of CLCPA Section 7 as inapplicable to Commission action in rate cases.¹³⁵ AGREE et al. argue that DPS Staff has not fulfilled its legal obligation to analyze greenhouse gas emissions and to assess the burdens on disadvantaged communities associated with the Companies' gas infrastructure projects.¹³⁶ AGREE et al makes the case that the MRI and Greenpoint LNG gas infrastructure projects are located in disadvantaged communities in Brooklyn, as defined by DEC.¹³⁷ AGREE et al. assert that at the evidentiary hearing on the Joint Proposal, DPS Staff and the Companies essentially acknowledged that they had not undertaken an evaluation of whether the projects were located in disadvantaged communities.

AGREE et al. assert that the distinction DPS Staff makes between the Commission's approval of cost recovery for emissions-producing gas infrastructure projects in a rate case and an agency's direct project approval is a false one because the Commission's approval of cost recovery for a gas infrastructure project is tantamount to - and no different from - approval of the project itself.¹³⁸ They also claim that because the Joint Proposal violates the CLCPA, it does not comply with the criteria in the Commission's Settlement

¹³⁵ AGREE, et al. CLCPA Brief, pp. 8-11.

¹³⁶ AGREE, et al. CLCPA Brief, pp. 3-8.

¹³⁷ AGREE, et al. CLCPA Brief, pp. 6-7.

¹³⁸ AGREE, et al. CLCPA Brief, pp. 8-9.

Guidelines Order,¹³⁹ which requires a settlement to be consistent with State law and the regulatory, economic, social, and environmental policies of the Commission.¹⁴⁰

A. Applicability of the CLCPA to the Joint Proposal

Having considered the matter at great length, we are persuaded that Sections 7(2) and 7(3) are applicable to the Commission's actions here. Section 7(2) provides as follows:

In considering and issuing permits, licenses, and other administrative approvals and decisions, including but not limited to the execution of grants, loans, and contracts, all state agencies, offices, authorities, and divisions shall consider whether such decisions are inconsistent with or will interfere with the attainment of the statewide greenhouse gas emissions limits established in article 75 of the environmental conservation law. Where such decisions are deemed to be inconsistent with or will interfere with the attainment of the statewide greenhouse gas emissions limits, each agency, office, authority, or division shall provide a detailed statement of justification as to why such limits/criteria may not be met, and identify alternatives or greenhouse gas mitigation measures to be required where such project is located.

Although we find some ambiguity regarding this language, particularly with the directive to identify "mitigation measures to be required where such project is located," we believe that our decision best aligns with the Legislature's intent that Section 7(2) of the CLCPA be broadly construed.

¹³⁹ Cases 90-M-0225 and 92-M-0138, Proceeding on Motion of the Commission Concerning its Procedures for Settlement and Stipulation Agreements, Opinion, Order and Resolution Adopting Settlement Procedures and Guidelines (issued March 24, 1992).

¹⁴⁰ AGREE Statement in Opposition, pp. 5-6.

Commission orders in rate cases fall within the ambit of Section 7(2)'s application to "other administrative approvals" notwithstanding the absence of a direct correlation to any item provided in the list of examples, as such list is preceded by the phrase "including, but not limited to." While Commission orders in rate cases do not constitute the issuance of "permits, licenses," or "the execution of grants, loans, and contracts," they do constitute "administrative approvals" as that term is used in Section 7(2). Although a Commission rate order approves only an overall capital expenditure plan and not the specific projects that were reviewed to provide evidentiary support for the utility's rate recovery, absent Commission approval of that rate recovery, such projects would likely not be pursued by the utility.

The same analysis applies to Section 7(3) of the CLCPA, which uses virtually identical language to Section 7(2) regarding its applicability and is also supported by the same Sponsor's Memo. Section 7(3) provides as follows:

In considering and issuing permits, licenses, and other administrative approvals and decisions, including but not limited to the execution of grants, loans, and contracts, pursuant to article 75 of the environmental conservation law, all state agencies, offices, authorities, and divisions shall not disproportionately burden disadvantaged communities as identified pursuant to subdivision 5 of section 75-0101 of the environmental conservation law.

As the language of Section 7(3) also requires application of its terms to agency issuance of "other administrative approvals and decisions, including but not limited to the execution of grants, loans, and contracts," the interpretation provided for Section 7(2), above, also applies here.

In sum, we find Section 7(2) and (3) applicable to rate cases.

B. The Joint Proposal is Consistent with the Requirements of CLCPA §7(2) and (3)

We also find that the Joint Proposal is fully consistent with CLCPA §§7(2) and (3). We start our evaluation by noting that our application of Sections 7(2) and (3) to these rate proceedings is undertaken well prior to the full implementation of the CLCPA. The Companies' April 2019 tariff filings pre-dated by three months the CLCPA's passage and enactment into law in July 2019, and by eight months the CLCPA's January 1, 2020 effective date.

As DPS Staff notes, the record in these proceedings is based largely upon testimony and evidence filed prior to the CLCPA's January 1, 2020 effective date.¹⁴¹ And the CLCPA's effective date was approximately six weeks before the February 10, 2020 commencement of the evidentiary hearing, which concerned the previously-submitted record. Moreover, prior to, during, and immediately after the three-week evidentiary hearing, no party requested that the Commission require the Companies to submit new evidence regarding a showing that their respective capital expenditure programs were consistent with the CLCPA as part of the litigated proceedings.

The CLCPA is still a nascent law whose implementation remains a work-in-progress in the State, albeit an important one. For example, Section 7(2) requires a determination regarding whether an agency's decision is "inconsistent with or will interfere with the attainment of the statewide greenhouse gas emissions limits established in article 75 of the environmental conservation law." To date, DEC has adopted a single set of regulations under this provision. Those regulations, which became effective on December 30, 2020,

¹⁴¹ DPS Staff Post-Hearing CLCPA Brief, pp. 10-11; L. 2019, ch. 106.

establish two numeric, mass-based State-wide greenhouse gas emissions limits: a limit for 2030 that is equal to 60 percent of 1990 greenhouse gas emission levels; and a limit for 2050 that is equal to 15 percent of 1990 emission levels.¹⁴² Of note, DEC's regulations became applicable more than twenty months after the Companies filed their rate plans commencing these proceedings.

DEC's recent regulations do not yet provide guidance regarding how the emission limits will apply to individual sources of greenhouse gas emissions or even individual sectors of the economy. The CLCPA provides that four years following its effective date (or by January 2024) and following public workshops and consultation with the groups established under the law, DEC is required to promulgate regulations "to ensure compliance with the statewide emissions reductions limits and work with other state agencies and authorities to promulgate regulations" to ensure compliance with the required emissions reductions.¹⁴³

The CLCPA also creates the Climate Action Council whose responsibility is to coordinate implementation by State agencies and weave together plans for emission reduction progress in various sectors, including the energy sector.¹⁴⁴ Although the advisory groups have made various recommendations to the Climate Action Council with respect to the scope of its

¹⁴² 16 NYCRR Part 496.

¹⁴³ ECL §75-0109(1).

¹⁴⁴ ECL §75-0103.

planning work under the CLCPA,¹⁴⁵ the Council has yet to define the path New York will take with respect to CLCPA implementation, including not yet providing guidance on the potential tension between the overarching CLCPA's mandated emission reductions and the mandate of the PSL to ensure safe and reliable service and the obligation to provide service where feasible, as well as other PSL provisions governing energy production and distribution through electric and natural gas infrastructure.¹⁴⁶ Accordingly, we provide our required CLCPA §§7(2) and (3) analysis in these matters in the absence of specific planning and direction from the Climate Action Council and the fact that DEC has yet to adopt regulations specific to the utility sector.

Our CLCPA review is not performed in a vacuum. Instead, the evaluation under CLCPA §7(2) and (3) is made in the context of the Commission's core responsibility to ensure that "[e]very gas corporation, every electric corporation and every municipality . . . furnish[es] and provide[s] such service, instrumentalities and facilities as *shall be safe and adequate* and in all respects just and reasonable."¹⁴⁷ This Commission views the long-standing PSL statutory mandate to maintain safe and adequate service as being fundamental to protecting the

¹⁴⁵ See, e.g., Climate Justice Working Group Input to the NYS Climate Action, Council on Power Generation Panel Recommendations (July 22, 2021); Energy Efficiency and Housing Advisory Panel, Recommendations to the NYS Climate Action Council for Consideration in the Scoping Plan (May 3, 2021); Power Generation Advisory Panel, Recommendations to the NYS Climate Action Council for Consideration in the Scoping Plan (May 3, 2021). See <https://climate.ny.gov>.

¹⁴⁶ PSL §65. See Grundlach, et al., "Harmonizing States' Energy Utility Regulation Frameworks and Climate Laws: A Case Study Of New York," Energy Law Journal, Vol. 41:211 (November 2020).

¹⁴⁷ PSL §65(1) (emphasis added).

public health and welfare. Thus, to the extent that certain capital projects authorized under the Joint Proposal may be considered inconsistent with the CLCPA's greenhouse gas emissions limits, those projects would be justified based on the need to ensure safe and reliable service and otherwise mitigated based on, among other things, the extensive energy efficiency and demand response programs required under the proposal, as well as the associated surcharge process discussed below.

We note the long-term gas outages that occurred in Texas last winter, and the numerous lives lost and impacted, as an example of what can go wrong if gas supplies are suddenly halted during the coldest days of the year. Until technologies advance to a point where natural gas is no longer needed for heat and hot water, the Commission must ensure the reliability of gas delivery systems throughout the State. When viewed from this lens, the Commission finds that the Joint Proposal complies with Section 7(2) of the CLCPA in that it is consistent with the CLCPA's greenhouse gas emission mandates, is justified based on the need to ensure the reliability of the Companies' gas delivery systems, and otherwise appropriately mitigates any greenhouse gas impacts.

The Joint Proposal requires the Companies to propose initiatives and programs in their Demand Side Management filings to deliver demand-side options, such as energy efficiency, demand response, geothermal, and electrification options, and thereby meet customers' energy needs in lieu of traditional infrastructure projects.¹⁴⁸ The Joint Proposal also requires the Companies to meet targets for five Capacity Demand Metrics, including (1) energy efficiency targets identified by the Commission in the 2020 NE:NY Order, (2) demand response

¹⁴⁸ Joint Proposal, pp. 40, 58-59, 72-75, 106-107, 119.

participation, (3) consideration of one non-pipe, third party solution annually, (4) 1,500 customer electrification referrals to Consolidated Edison and LIPA, and (5) identification annually of potential LPP abandonment segments. Each of these metrics and associated targets are designed to reduce not only demand, but methane emissions from the gas distribution system.

In addition, the Joint Proposal requires the Companies to prioritize LPP removal/replacement after considering methane flow rate data;¹⁴⁹ to develop an enhanced high emitter methane detection program and initiate more frequent leak surveying;¹⁵⁰ and to address its leak backlogs.¹⁵¹ These measures too are designed to reduce fugitive methane emissions, which is otherwise consistent with the CLCPA. The Joint Proposal provides for the implementation of geothermal heat pumps where appropriate.¹⁵² Finally, the Companies are funding a methane detection program for residential customers, which will address both human exposure/safety issues and unwanted emissions concerns.

Under the Joint Proposal, all activities associated with gas expansion will be discontinued during the terms of the rate plan, including eliminating heating oil-to-gas conversion programs for firm and non-firm customers, gas marketing efforts, and customer conversion rebate incentives.¹⁵³ Instead, the Companies have agreed to provide customers with educational information about energy efficiency, alternative heating

¹⁴⁹ Joint Proposal, p. 58.

¹⁵⁰ Joint Proposal, pp. 58-59.

¹⁵¹ Joint Proposal, pp. 109-111.

¹⁵² Joint Proposal, pp. 75, 79.

¹⁵³ Joint Proposal, pp. 75-76.

options, and available programs, as well as the emission reduction requirements of the CLCPA.¹⁵⁴

The Joint Proposal provides for the Companies to undertake a CLCPA Study that analyzes the scale, timing, costs, and customer bill impacts of achieving significant, quantifiable reductions in carbon emissions from the use of gas delivered in their service territories and the projects and programs needed to achieve the CLCPA's specific decarbonization goals.¹⁵⁵

There are a number of analyses that the Companies performed in a related proceeding that were entered as evidence in these proceedings that we also find persuasive. For example, National Grid presented an analysis of the impacts of adding Vaporizers 13 and 14 at the Greenpoint LNG facility on meeting the CLCPA's long-term emissions targets in the Natural Gas Long-Term Capacity Supplemental Report and Second Supplemental Report. National Grid filed the Supplemental Report in Case 19-G-0678 on May 8, 2020; the Supplemental Report was admitted as evidence in these proceedings as Exhibit 850. The analysis shows that meeting forecasted customer demand by adding Vaporizers 13 and 14, in conjunction with the Companies' proposed incremental energy efficiency, demand response, and electrification programs, would create "global warming potential

¹⁵⁴ Joint Proposal, pp. 76-77. We note that the Companies' agreement to undertake public outreach regarding the CLCPA is intended to educate customers about the personal choices they can make to reduce greenhouse gas emissions through cost-effective and feasible choices to reduce gas usage. It is not solely the Companies - or the Commission's - responsibility to reduce emissions in the State and achieve the CLCPA's reductions. That responsibility is borne by all New Yorkers.

¹⁵⁵ Joint Proposal, pp. 77-78.

savings” compared to meeting customer demand solely through reliance on additional pipeline capacity.¹⁵⁶

National Grid elaborated on this in the Second Supplemental Report, which it filed in Case 19-G-0678 on June 30, 2021. The Second Supplemental Report was admitted as evidence in these proceedings as Exhibit 851. In the Second Supplemental Report, National Grid discussed how adding Vaporizers 13 and 14, together with incremental energy efficiency, electrification and demand response are consistent with net-zero goals.¹⁵⁷ The Second Supplemental Report identifies the impacts of an assumed “net-zero scenario” on forecasted design day demand. Even under that scenario, design day is not anticipated to decrease immediately. This is reasonable, as changes in state policy and implementing incremental energy efficiency and electrification programs will take time to ramp up. Specifically, the analysis presented by National Grid shows that relying on certain distributed infrastructure enables National Grid to meet forecasted design day demand in the near future while enhancing energy efficiency, electrification, and demand response programs at the same time to mitigate future demand growth.

Additionally, as noted in the Second Supplemental Report, there are risks that even National Grid’s proposed incremental energy efficiency, electrification and demand response programs will not produce forecasted results. The Second Supplemental Report notes that these risks include a lack of market resources to execute projects and an overestimation of realistic adoption by customers.¹⁵⁸ The distributed

¹⁵⁶ Supplemental Report, pp. 70-78.

¹⁵⁷ Second Supplemental Report, pp. 59-60.

¹⁵⁸ Id., p. 62.

infrastructure can be at least partially unwound as energy efficiency and electrification measures take hold and lower design day demand in future years.¹⁵⁹ Thus, the limited use of additional infrastructure helps to ensure that National Grid can reliably meet its customers' peak demand in the near future while enabling the ramp-up of the energy efficiency, heat electrification, and demand response.

Finally, the Joint Proposal requires any proposed long-term capital projects to be evaluated by an independent consultant against specific criteria, including verification of the need for the project and its greenhouse gas emissions potential, among other things.¹⁶⁰ The Joint Proposal also expressly discontinues construction of Phase 5 of the MRI Project¹⁶¹ until further Commission action and requires the Companies to petition for approval supported by an independent consultant's report verifying need and evaluating emissions.¹⁶² We also note that cost recovery for Phase 5 expenditures to date

¹⁵⁹ Id., pp. 60-61.

¹⁶⁰ Joint Proposal, §5.3, pp. 44-46. In addition to project need and emissions potential, the independent consultant will apply criteria that includes project cost, peak demand forecasts, safety and reliability benefits, and available alternatives.

¹⁶¹ The MRI Project was first approved in the 2016 Rate Order (Cases 16-G-0058 and 16-G-0059) and is a 30-inch natural gas pipeline expansion project located in KEDNY's Brooklyn service territory, replacing the existing 12-inch pipeline.

¹⁶² Joint Proposal, p. 47.

is not a part of the revenue requirement proposed in the Joint Proposal.¹⁶³

In two recent cases, we addressed the import of the CLCPA. In one, we adopted a Joint Proposal after finding that its terms were consistent with the CLCPA's emission reduction objectives.¹⁶⁴ In the other, a fully litigated case, our order recognized that the Company's proposal was also consistent with the CLCPA's emission reduction objectives.¹⁶⁵ In each case, the companies were required to analyze how their business operations would evolve in the context of necessary greenhouse gas reductions through increased energy efficiency, demand/response, and non-pipeline alternatives, all of which have the potential to reduce gas demand and usage while still assuring the provision of safe and reliable service at just and reasonable rates.

The Commission is acutely aware of the CLCPA's objectives and the State's energy policies. Indeed, well before the CLCPA's passage, the Commission had issued the first of

¹⁶³ In response to questions posed by the ALJs regarding recovery of costs associated with Phase 5, the Companies submitted several revised appendices and schedules to the Joint Proposal, which eliminated all Phase 5 costs and true up calculations. These revised appendices and schedules are attached to this Order. See Companies Responses to ALJ-1(A) and Attachment 1; see also revised Appendix 1, Schedules 3, 4, 5 and 6; revised Appendix 6, Schedule 7.

¹⁶⁴ Cases 19-E-0378 and 19_G-0379, New York State Electric and Gas Corp. and Rochester Gas and Electric Corp. - Rates, Order Approving Electric and Gas Rate Plans in Accord with Joint Proposal (issued November 19, 2020), pp. 115-120.

¹⁶⁵ Case 20-G-0101, Corning Natural Gas Corp. - Rates, Order Establishing Rates and Rate Plans (issued May 19, 2021), pp. 28-29.

several Reforming the Energy Vision (REV) orders,¹⁶⁶ which set forth the necessary steps to implement the State's policy of emission reductions in the context of rate cases through energy efficiency, demand/response, and other programs designed to incentivize a cleaner energy future. Since enactment of the CLCPA, the Commission has continued to prioritize the reduction of greenhouse gases as it has through this Order, as well as numerous orders issued over the last 18 months.¹⁶⁷ As noted, the Commission is statutorily responsible under Public Service Law §§65 and 66 for assuring safe and adequate service at just and reasonable rates. The Commission is therefore required to balance reliability, public safety, and reasonable rates interests with emission reductions and clean energy objectives. The CLCPA does not override the Commission's responsibility to ensure reliability, public safety and reasonable rates in favor of emissions reductions and we find that both are appropriately addressed and balanced in the Joint Proposal here. In sum, we find that the Joint Proposal is consistent with DEC's GHG emission limitations, is justified and otherwise takes

¹⁶⁶ Case 14-M-0101, Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision, Order Adopting Regulatory Policy Framework and Implementation Plan (issued February 26, 2015) (Track One Order); Order Adopting a Ratemaking and Utility Revenue Model Policy Framework (Track Two Order) (issued May 19, 2016); Case 15-M-0252, Order Authorizing Utility-Administered Gas Energy Efficiency Portfolios for Implementation Beginning January 1, 2016 (issued June 19, 2015).

¹⁶⁷ See, e.g., Case 15-E-0302, Proceeding on Motion of the Commission to Implement a Large-Scale Renewable Program and Clean Energy Standard, Order Adopting Modifications to the Clean Energy Standard (issued October 15, 2020); 2020 NE:NY Order; Case 20-E-0197, Proceeding on Motion of the Commission to Implement Transmission Planning Pursuant to the Accelerated Renewable Energy Growth and Community Benefit Act, Order on Phase 1 Local Transmission and Distribution Project Proposals (issued February 11, 2021).

appropriate steps to mitigate any potential greenhouse gas emission associated with the Companies' operations subject to these proceedings.

The Commission also finds that the Joint Proposal complies with Section 7(3) of the CLCPA in that it does not disproportionately burden disadvantaged communities. Our finding here that the Joint Proposal will allow the Companies to continue providing safe and reliable service is consistent with the finding that the Joint Proposal also does not disproportionately burden disadvantaged communities. While the Joint Proposal contains numerous demand-side requirements intended to obviate the need for adding infrastructure to address projected peak gas demand, in the end such infrastructure may need to be built to ensure that gas is available for heat and hot water through the winter seasons covered under the rate plan. Assuring this outcome must be a priority for all communities impacted by the Joint Proposal, particularly low-income New Yorkers that may not be able to afford the energy efficiency products and heat pumps incentivized by the Joint Proposal.

Furthermore, we find that the capital projects as a whole and individually that would be paid for under the Joint Proposal do not disproportionately impact disadvantaged communities. For example, the addition of two vaporizers at the Greenpoint LNG facility do not add to the storage capacity of the two LNG tanks, they simply allow for more LNG to be vaporized on a particularly cold winter day. Although this may result in increased gas usage on that particular day, it would have no associated impacts to the local community. It should be noted that LNG vaporization is considered the resource of last resort to ensure reliability and is only used when all other assets have been called upon and have not been sufficient to

ensure the necessary minimum system pressures to guarantee reliability.

The additional CNG projects being built or planned are spread throughout the service territories of KEDNY and KEDLI and are generally sited on property owned by National Grid and already used for the business of distributing natural gas or generating power. It should be emphasized that National Grid, through this Joint Proposal, has agreed to undertake critical measures to assist New York State in meeting its GHG emission goals; namely, to rely first on energy efficiency, demand response and non-pipes alternatives to meet demand. If these programs are as successful as hoped, the CNG facilities will be among the first assets to be dismantled, and will not leave a significant amount of permanent infrastructure that will have to be decommissioned. Finally, as intimated, natural gas is currently the most affordable way to heat a residential home.¹⁶⁸ Until such time as more homes are converted to air- or ground-source heat pumps, ensuring access to reliable natural gas for home heating will provide the most benefit to low- and moderate-income communities.

IX. AARP NY MOTION FOR INTERLOCUTORY REVIEW

After the evidentiary hearing and early in the Covid-19 pandemic, PULP moved to reopen the record and asked the ALJs to require the Companies to provide "new and accurate rate case data and testimony" in recognition of the "significantly changed circumstances" caused by Covid-19.¹⁶⁹ PULP asserted that the Companies economic projections were inaccurate, including

¹⁶⁸ Source: NYSEDA's heating fuels report for July 26, 2021 <https://www.nyserda.ny.gov/About/Publications/EA-Reports-and-Studies/Weekly-Heating-Fuels-Report>.

¹⁶⁹ March 30, 2020 PULP Motion, p. 2.

projections of inflation, return on equity, commodity prices and sales, and other elements of the revenue requirement. PULP requested that the Companies be required to recalculate the revenue requirement, economic projections, sales projections, and other related information. PULP also asked the ALJs to instruct DPS Staff "to test, investigate and analyze such new supplemental filings and respond in a manner protecting the public's interest."

AARP NY filed a letter brief in support of PULP's motion, asserting that the Commission should not act on a "a dramatically stale record" and that the Commission should instead set temporary rates in order to allow time to better understand the customer, financial and economic impacts of the pandemic.¹⁷⁰ AARP NY asserted that the rate cases should receive heightened scrutiny in light of Covid-19 and that it expected the Commission to impose austerity measures on all State utilities.

Both the Companies and DPS Staff submitted opposition to the motion, arguing that it was impossible to evaluate at that time the impacts of Covid-19 and the additional evidence PULP and AARP NY sought in the proceeding would be speculative.¹⁷¹

In an April 7, 2020 ruling, the ALJs denied PULP's motion, finding that the current uncertainty caused by Covid-19 was likely to continue for the foreseeable future and reopening the proceeding at this point would not alleviate that uncertainty.¹⁷² The ALJs also indicated that the Commission had

¹⁷⁰ April 2, 2020 AARP NY Letter Brief, pp. 2-4.

¹⁷¹ April 2, 2020 DPS Staff Response; April 2, 2020 Companies' Response.

¹⁷² Ruling Denying Public Utility Law Project's Motion to Reopen the Record (issued April 7, 2020), pp. 7-8.

the authority and could choose to address the Covid-19 circumstances in a State-wide generic proceeding, rather than in a piece-meal fashion through individual rate proceedings, because the pandemic was affecting all New York utilities and their ratepayers. The ALJs recounted the Commission's options for responding to the Covid-19 crisis, including setting temporary rates, requiring strict reconciliation protocols, or bringing the Companies back before the Commission if rates can no longer be considered just and reasonable. The ALJs concluded that additional submissions may be speculative and that moving forward and making recommendations to the Commission on the existing record was in the best interest of both the Companies and their customers.

PULP did not seek interlocutory review of the ALJs' Ruling denying its motion. Indeed, PULP did not oppose the Commission's adoption of the Joint Proposal here and instead expressed a position of neutrality.

Pursuant to Rule 4.7(c)(2), in its post-hearing brief, AARP NY sought interlocutory review of the ALJs' ruling. AARP NY asserted first that it met the Rule's extraordinary circumstances criteria and therefore justified review because "economic analyses indicate we are facing a downturn deeper than experienced during the recession that began in 2007."¹⁷³ AARP NY then challenged each of the grounds asserted in the ALJs' Ruling, arguing that the reconciliation mechanism represented a "disconnect" between the existing record and the financial stressors on customers resulting from Covid-19; that bringing the Companies back before the Commission during a one-year rate plan is inefficient when so many customers have lost their jobs; and that Commission action through a State-wide generic

¹⁷³ April 21, 2020 Interlocutory Appeal and Reply Brief of AARP NY, p. 2.

proceeding is not a barrier to taking appropriate action in these proceedings.¹⁷⁴

Assuming for the sake of argument that AARP NY has met the criteria set forth in Rule 4.7(c) to justify interlocutory review, we deny the motion and affirm the ALJs' ruling. AARP NY's June 2, 2021 comments on the Joint Proposal favorably discussed many of the Joint Proposal's low-income and other customer provisions that are designed to ameliorate the financial stressors associated with the Covid-19 pandemic. In its AARP NY does not continue to press the arguments it presented in its motion for interlocutory review that focused on those financial stressors.¹⁷⁵ In light of its current position, we question whether AARP NY has abandoned its motion for interlocutory review. In any event, the relief PULP initially requested for the Commission to set temporary rates is rendered moot by the action taken in this Order to determine permanent rates. Temporary rates pending a final determination would have provided essentially for the same relief that the signatory parties achieved by agreement when taken together with the Companies' consent to extend the suspension period several times. Moreover, even on the merits, we would uphold the ALJ's ruling.

The ALJs' ruling identifies how the Commission could proceed in a generic proceeding to comprehensively address Covid-19's financial and other impacts on both utilities and ratepayers. The ALJs accurately anticipated the proceeding to address Covid-19 impacts that the Commission ultimately

¹⁷⁴ Id., pp. 4-6.

¹⁷⁵ AARP NY opposes the Joint Proposal on only one ground, namely, the independent consultant's review of the long-term capacity projects and the Commission's limited role in that review. June 2, 2021 AARP NY Comments on Joint Proposal, pp. 4-5.

initiated two months after their April 7, 2020 ruling. In its order initiating the proceeding, the Commission set forth its objective:

[T]he Commission intends to address the ramifications from the ongoing pandemic in a more comprehensive manner as it develops policies that will guide the entities subject to Commission oversight and their customers through the current crisis. Accordingly, the purpose of this proceeding is to consider in both a timely and comprehensive manner the ramifications of the COVID-19 pandemic on the regulated entities, utility ratepayers and Commission-adopted programs. The Commission has determined that the optimum way to consider these critical issues is through a generic proceeding initiated through this Order and followed by the submission of public comments.¹⁷⁶

That proceeding is ongoing and has been the subject of a DPS Staff White Paper with findings and recommendations on enhancing low-income energy affordability programs and specific Covid-19 relief,¹⁷⁷ technical meetings, and numerous stakeholder comments. The Commission as yet has not issued a final order.

We find that this State-wide proceeding is the best forum in which to address the issues raised in AARP NY's motion for interlocutory review and therefore deny review and affirm the ALJs' April 7, 2020 ruling.

X. REVENUE ALLOCATION AND RATE DESIGN

The proposed terms of revenue allocation and rate design for the Companies are found in Sections 3.3 through

¹⁷⁶ Case 20-M-0266, Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service, Order Establishing Proceeding (Issued June 11, 2020).

¹⁷⁷ Case 20-M-0266, supra, Staff Report on New York State's Energy Affordability Policy (February 4, 2021).

3.22.4 of the Joint Proposal. The following discussion highlights some of the key provisions. The full terms and conditions of the proposed rate plan are contained in the Joint Proposal appended to this Order.

A. Revenue Allocation

The Companies' litigated proposals, largely supported by the City of New York, for revenue allocation and rate design were based on Embedded Cost of Service (ECOS) studies using rate year forecasted data. While Staff's litigation position supported the use of ECOS studies, Staff had advocated the use of foundational historic test-year data rather than the forecasting favored by the Companies and the City of New York. In addition, the Companies submitted a minimum system study used to ascribe costs associated with distribution mains as either customer or demand related. If classified as a customer cost, the full amount of the component is charged to the customer regardless of the customer's monthly usage, whereas demand associated costs are prorated based on the customer's monthly usage.

Minimum system studies have been relied on based on the rationale that distribution mains are used first and foremost to connect customers to the system and then scaled to meet customers' maximum demand. The customer-related portion of the cost of mains is then allocated to the service classes based on the number of customers, while the demand-related portion is allocated based on the service classes' contribution to design day demand. UIU disputed the use of a minimum system study advocating for a 100 percent demand allocation for all distribution mains-related costs.

In rate proceedings, the overarching policy is to achieve a level of fairness in revenue allocation by matching

customer rates with the costs those customers have incurred in the construction, operation and maintenance of the distribution system as tempered by other legitimate policy considerations. Moreover, to account for the imperfections that may exist in an ECOS, a tolerance band is often used to create a range of allowable rates of return that may not produce an exact match of costs incurred by a particular service class to the rates charged to that class.

The supporting parties note that, while the Joint Proposal's recommended revenue allocation uses historic ECOS studies reflecting minimum system studies to classify distribution mains costs as a guide, it does not reflect the endorsement of any party's advocated methodology. Rather, the Joint Proposal, as might be expected of a settled result, was designed to fall within the range of reasonable outcomes of all the litigated positions to advance fairness in the contributions to be made by each of the Companies' various rate classes while taking into consideration other policy concerns and factors. As an example, Staff's Statement in Support highlights KEDNY's SC-21, which receives an average allocation increase even though the class was shown to be under returning in the ECOS study. As an under returning class, SC-21 would, all things being equal, have received an above average increase. However, the parties considered the fact that end-use customers receiving gas under that service class are low- to moderate-income housing who may be struggling economically as a result of the impacts of the Covid-19 pandemic. Thus, the parties determined that a system average increase was just and reasonable, rather than a higher than system average increase.

Ultimately, the Joint Proposal's revenue allocation is reasonable because it is supported in the record by the results of the Companies' ECOS studies. Given the economic uncertainty

surrounding the ongoing Covid-19 pandemic and forecasting costs that impacts the proposed rate plan in many areas, it is commendable that the supporting parties could agree on a reasonable method to allocate revenues that corrects for service class return imbalances.

B. Rate Design

The rates for each firm service classification are set forth in the Joint Proposal in Appendix 3, Schedule 3 for KEDNY and in Appendix 4, Schedule 3 for KEDLI. Bill impacts resulting from the Joint Proposal's rate design are set forth in Appendix 3, Schedules 4.1-4.3 for KEDNY and in Appendix 4, Schedules 4.1-4.3 for KEDLI. The bill impacts included therein contain the estimated impacts of surcharges in the Joint Proposal and include the Demand Capacity Surcharge Mechanism, Demand Response O&M surcharge, and the Net Utility Plant tracker surcharge. The Joint Proposal contains a revenue decoupling mechanism that allows the Companies to surcharge or sur-credit the differences in revenues received from the applicable service classes than those contained in the Joint Proposal.

The Companies, supported by Staff and the other signatory parties, maintain that the Joint Proposal's rate design was intended to balance the goals of avoiding severe impacts to any subgroups of customers and providing appropriate price signals to affect usage patterns, including promoting energy conservation. The Companies note that the Joint Proposal's rate design produces bill impacts that reflect appropriate revenue increases through rates that are intended to produce those revenues sufficient for the Companies to maintain safe and adequate service.

Staff notes that the Joint Proposal holds flat the customer charge paid by the Companies' customers. Staff also

indicates that the Joint Proposal generally shifts the Companies' declining block rates for firm service toward flat blocks by allocating a larger increase to the tail block, but that the slope of the block rates for KEDNY's SC-1A are not being reduced due to the greater than average revenue being allocated to this class which was producing a less than the system average return. Staff argues that the rate design recommended in the Joint Proposal is feasible because the Joint Proposal's revenue requirements are significantly lower than Staff's and the Companies' litigated positions and that the shift toward flat blocks is reasonable because it produces appropriate price signals for conservation. Staff avers that this shift can be expected to help reduce gas usage overall, creating environmental benefits while also easing capacity constraints in the Companies' service territories.

Staff further notes that, for non-firm customers, the Joint Proposal bases commodity on a newly developed Incremental Cost of Gas (ICOG) that is weighted on upstream pipeline city gates and volumes used to determine deliveries to non-firm customers. This new weighted ICOG includes a demand charge reduced to 10 percent of the allocated pipeline transportation costs and the applicable Lost and Unaccounted For (LAUF) gas factor. Staff states that the upstream pipeline city gate allocations will be the same as set forth in the Companies' Gas Transportation Operations Procedures manual. The Joint Proposal recommends that the non-firm demand response service classes consist of Tier 1 and Tier 2, that have existing volumetric rates further adjusted to 50 percent and 60 percent, respectively, below the tail block rate of the otherwise applicable service class to incorporate the new incremental cost of gas. Staff claims that the Joint Proposal's non-firm rates and conditions are reasonable because they provide significant

discounts of firm rates in order to incent customers to take non-firm service, as opposed to seeking firm service to supplement rates paid by firm service customers and ensure existing capacity is used while not overburdening capacity during particularly constrained periods. This approach recognizes that non-firm customers provide an important demand response function to reduce demand. As Staff notes, non-firm customers do not take service during peak periods, and so do not contribute to that peak demand. This allows the Companies to serve these additional customers without requiring the Companies to install any additional system capacity to meet peak demand.

C. Systems Benefit Charge

The Joint Proposal recommends that the energy efficiency costs be recovered through base rates. The Joint Proposal also recommends eliminating the Systems Benefit Charge (SBC) and establishes a process for making final reconciliations. Collecting energy efficiency costs through base rates aligns the Companies with the Commission's 2018 Order in Case 15-M-0252. Given the shift to collect such costs in base rates allows the Companies to treat energy efficiency reconciliations and lost revenues in the same manner as other elements of the base rates. Moreover, as of January 1, 2021, gas companies no longer collect funds to contribute toward the New York State Energy Research and Development Authority (NYSERDA) programs. Thus, an SBC is no longer necessary.

Finally, the Joint Proposal allows non-firm customers to participate in the Companies' energy efficiency programs but does not separately charge energy efficiency program costs to those customers. As Staff notes, this arrangement is reasonable because the Joint Proposal recommends that the Companies charge non-firm customers volumetric block rates based on a discount on

their otherwise applicable firm rate. Therefore, non-firm customers would be contributing to the Companies' energy efficiency program costs, since those costs are included in the rates charged to the otherwise applicable firm service classes' base rates.

D. Revenue Decoupling

Revenue Decoupling Mechanisms (RDMs), included in most utility rate plans, are designed to reconcile deviations in the projections of sales revenues from certain rate classes with the amounts actually collected and are intended to diminish any disincentive to encourage or otherwise support customer energy conservation efforts.¹⁷⁸ Under the Companies' current RDMs, a revenue per customer target is set for delivery service revenues from residential heating customers under SC-1B, and actual revenues are trued up against the revenue per customer target annually. For SC-2 and SC-3 customers, a revenue per class target is set for delivery service revenues from those customers and actual revenues are reconciled with those revenue per class targets annually. In addition, any customer growth for SC-2 and SC-3 that exceeds the growth assumed in the sales forecasts for those classes is calculated at a marginal cost rate and is an adjustment to the annual RDM reconciliation.

Under the Joint Proposal, the RDMs would be modified to (1) change the revenue-per-customer mechanism for SC-1B to a revenue-per-class mechanism because it would better support the Commission's goals to promote energy conservation; (2) expand

¹⁷⁸ See Case 03-E-0640, Proceeding on Motion of the Commission to Investigate Potential Electric Delivery Rate Disincentives against the Promotion of Energy Efficiency, Renewable Technologies and Distributed Generation, Order Requiring Proposals for Revenue Decoupling Mechanisms (issued April 20, 2007), pp. 2-3.

the revenue-per-class RDM to the SC-1A class for residential non-heating service to account for revenues that otherwise would be lost when customers move service from SC-1 to SC-1B; (3) eliminate the incremental growth incentives from the revenue-per-class RDMs for SC-2 and SC-3 on the ground that the RDM targets already reflected a "robust level of growth" based on the Companies' historic level of adding new customers and load; and (4) change the timing of the RDM reconciliation from a calendar year basis to a rate year basis. The Joint Proposal contains updated RDM targets for KEDNY and KEDLI based on the revenues associated with the sales forecasts underlying the Joint Proposal.

In testimony, the Companies stated that changing the revenue-per-customer mechanism to a revenue-per-class mechanism would better support the Commission's goals to promote energy conservation; that expanding the revenue-per-class RDM to the residential heating class would appropriately account for revenues that otherwise would be lost when customers move service from SC-1 to SC-1B; and that elimination of the incremental growth incentives from the revenue-per-class RDMs for SC-2 and SC-3 was appropriate because the RDM targets already reflected a "robust level of growth" based on the Companies' historic level of adding new customers and load.¹⁷⁹ DPS Staff agreed with the Companies' proposed modifications and recommended that the RDM targets be updated based upon the revenues and customer counts approved by the Commission in these proceedings.¹⁸⁰

RDMs are an important tool in rate plans to eliminate disincentives that may exist for utilities to promote cost-

¹⁷⁹ Tr. 2682-2685, 2767-2770.

¹⁸⁰ Tr. 2971.

effective energy conservation, the increased use of renewable resources, and the decreased use of fossil fuels. RDMS symmetrically capture variances from sales forecasts due to economic events and forecasting errors. As stated by DPS Staff, the RDM provisions in the Joint Proposal remove any benefit the existing revenue per customer RDM provides the Companies to expand gas service, helping to address capacity constraints in the Companies' service territories and align with State environmental goals. No party opposes the provision of the Joint Proposal addressing RDMS, which we find to be reasonable and in the public interest.

E. Green Gas Tariff

In testimony, the Companies proposed to implement a Green Gas Tariff that would allow customers to choose a tiered level of RNG at a flat rate per month for residential customers and either a flat rate or percentage of monthly consumption for residential customers.¹⁸¹ Family Energy, Inc. opposed the proposal, asserting that the Companies failed to describe key operational details and justify the prudence of the proposal and that the proposal would constitute impermissible streaming of gas supply.¹⁸² After reviewing Family Energy's concerns, Staff agreed that the Companies' green gas tariff proposal raised a number of issues that should be examined before their proposal is implemented.¹⁸³ In an effort to reduce costs during the term of the Rate Plans, the Joint Proposal provides that the

¹⁸¹ Tr. 56-57.

¹⁸² Family Energy, Inc. Brief, pp. 1-12.

¹⁸³ DPS Staff Initial Brief, p. 192.

Companies shall not implement their proposed Green Gas Tariffs during the term of the rate plans.¹⁸⁴

F. Economic Development Discount Program Rates

KEDNY currently offers an Area Development Rate, which provides a distribution rate discount of 35 percent for a five-year period to customers that locate or expand in specific development areas in KEDNY's service territory.¹⁸⁵ KEDNY testified that those development areas, identified more than 25 years ago, have changed dramatically in terms of their level of economic activity and need for development incentives.¹⁸⁶ Under the Joint Proposal, KEDNY would amend its Area Development Rate to update the designated areas to better reflect current economic development priorities.¹⁸⁷ KEDLI would implement a similar Area Development Rate in its service territory.

Both Companies offer a Business Incentive Rate (BIR) under which eligible new and expanding customers receive a distribution rate discount for a stated number of years.¹⁸⁸ Currently, the BIR is available only to properties that receive benefits from an Industrial Development Agency (IDA).¹⁸⁹ Under the Joint Proposal, eligibility for the BIR would be broadened to include not only IDA benefit recipients, but also qualifying tenant businesses locating or expanding in properties receiving benefits from an IDA.¹⁹⁰ In accordance with a DPS Staff

¹⁸⁴ Joint Proposal, p. 33.

¹⁸⁵ Tr. 94.

¹⁸⁶ Tr. 95.

¹⁸⁷ Joint Proposal, p. 29; Tr. 95-96.

¹⁸⁸ Tr. 93.

¹⁸⁹ Tr. 96.

¹⁹⁰ Joint Proposal, p. 29.

recommendation in testimony, KEDLI will expand its BIR to include non-firm customers.¹⁹¹ Although the Companies proposed in testimony to implement a new deferral mechanism under which actual discounts would be fully reconciled against forecasted discount amounts established in rates,¹⁹² the Joint Proposal provides that there will be no deferral mechanism for economic development rate discounts during the term of these rate plans.¹⁹³

G. SC-21 Rate 3

BSC Owners, which owns and operates Spring Creek Towers (Starrett City) opposes the Joint Proposal. Starrett City, noting that it is the largest Federally assisted housing development in the United States, as well as the largest single customer of KEDNY receiving service under the company's SC-21 Rate 3 (SC-21-3), states that under the Joint Proposal's revenue allocation it will see an overly large rate increase. Starrett City employs a Combined Heat and Power system consisting of two 6 MW steam turbines to supply electricity to many of its residents. The two turbines are fueled by four high-pressure natural gas fired boilers that, in 2020, had an annual consumption of approximately 1.6 million dekatherms. Starrett City notes that it is decentralizing operations in 2021 and that the Joint Proposal's impact will be outsized to those decentralized operations producing rate increases of 14.98 percent in Rate Year 2 and 21.54 percent for Rate Year 3, a combined monetary total increase of approximately \$554,030 above its 2020 gas costs. Relying on Appendix 3 of the Joint

¹⁹¹ Joint Proposal, p. 29; Tr. 1502-1503.

¹⁹² Tr. 97.

¹⁹³ Joint Proposal, p. 29.

Proposal, Starrett City claims that its rate increase far exceeds the next highest level of customer increases in SC-21-3 which it characterizes as 11.39 percent in Rate Year 2 and 13.68 percent in Rate Year 3.

In its Reply Statement in Support, Staff initially notes that, after "multiple attempts," it could not reproduce the bill impact numbers included in Starrett City's opposition statement, and, therefore, did not agree with the numbers contained therein. Staff also asserts that Starrett City's opposition relies solely on delivery impacts and that, particularly as a large usage customer, a total bill impact analysis is more representative of its actual increases when characterized by percentages. Staff also argues that Starrett City's opposition ignores its existing status as a severely under-contributing customer. Staff claims that under the previous rate plan, Starrett City's service was essentially subsidized by the contributions of KEDNY's other service classes. The Companies' ECOS shows that, under current rates, the SC-21-3 unitized rate of return is a negative 5.28, more than six times lower than the system average.¹⁹⁴ Finally, Staff notes that, notwithstanding such a large under-contribution, the Joint Proposal's terms allocated only a system average increase to the SC-21-3 class rather than one that was higher than the system average increase.

The Companies reply similarly challenges Starrett City's claims in its opposition statement. In addition to stating the same points made by DPS Staff, the Companies note that KEDNY's SC-21 rates have not increased since 2008, which partly explains the negative rate of return for the service class. The Companies assert that the proposed system average

¹⁹⁴ DPS Staff Reply Statement, p. 12 (citing Joint Proposal, Appendix 3, Schedule 2.2, p. 1).

6.6 percent delivery rate increase in the Joint Proposal does not serve to bring SC-21 to the system average rate of return and that KEDNY would need to allocate \$1.8 million in delivery revenue instead of the \$0.121 million actually allocated to this service class only to bring the historic rate of return to zero percent, and \$2.1 million to bring the class to the bottom of the tolerance band. The Companies argue that with the system-average 6.6 percent increase, other service classes will continue to subsidize SC-21 as the class will continue to produce a negative rate of return. The Companies summarize their position by noting that the allocation of a system average increase to SC-21 was done to mitigate bill impacts and that Starrett City's claim that SC-21 will experience an unfairly large delivery rate increase compared to other service classes is incorrect.

In addition, Starrett City complains that the monthly demand charge applied to it is too high. Starrett City notes that under the Joint Proposal, the monthly demand charge is increased by 8 percent in Rate Year 2 and an additional 3.3 percent in Rate Year 3. Starrett City argues that the charge is calculated based on its cogenerating equipment's boilerplate rating of 10 MW, a formula Starrett City claims is not used by other utilities and does not appear in the Company's tariff.

The Companies note that SC-21-3 consists of a customer charge applicable to the first ten therms, a seasonal volumetric charge, and a monthly demand charge. The Companies respond to Starrett City's criticism by noting that, in the absence of making any changes to the customer charge, the Joint Proposal increases the volumetric charge and the demand charge equally. The Companies state that the monthly demand charge for KEDNY's SC-21-3 customers was implemented in 2003 in accordance with a Commission Order in Case 02-M-0515 in which the Commission

considered the rates that should be applicable to transportation customers for fueling their distributed generation equipment.

The Companies note that, as a result of the Commission's 2003 Order, KEDNY implemented a separate demand charge for large customers because the cost causing characteristics and operating usage of baseload distributed generation units can vary significantly enough to warrant separate sub-classes of a baseload distributed generation service option. The result was that different rates were established for distributed generation units less than 5 MW than from those of 5 MW or greater, because customers over 5 MW have a usage level significant enough to impose demands on the Companies distribution system. The Companies argue that Starrett City's claim that no other utility uses a similar demand charge is misleading in that all gas utilities providing similar service do use a demand charge, although the Companies concede that the charge elsewhere is based on different criteria than used by KEDNY, such as maximum daily quantity or peak demand. The Companies maintain, however, that a comparison of the monthly demand charge of other utilities is not relevant because it is only one discrete component of the rate design and there is no evidence in the record as to the entire rate structure applicable to other utilities' customers.

We are persuaded by DPS Staff and the Companies and decline to make any adjustments to the SC-21 increases.

H. Rate Adjustment Clause

Given the timing of recent United States Department of Justice bribery and conspiracy charges levelled against five former facilities department managers previously employed by National Grid for steering contracts to certain Long Island contractors in exchange for hundreds of thousands of dollars, we

find it necessary to require some portion of the Companies' revenue requirement to be collected through an adjustment clause mechanism. As the Commission explained in its Order Establishing Rates for Electric Service in Case 07-E-0523, the adjustment clause mechanism must be designed to provide for recovery in the same manner as the Companies' delivery revenue requirements are recovered in base rates. The affected portions of the revenue requirement will continue to be recovered in this manner, subject to Commission audit, review and refund until such a time as the Commission determines that the Companies have fully satisfied their burden of proof with regard to the expenditures made in conjunction with any programs or projects associated with the charged employees and their activity or until a disallowance determination is made and a refund implementing this determination has been effectuated. The revenues to be recovered through this mechanism total \$2.5 million annually each for KEDLI and KEDNY, reflecting approximately 10 percent of the Rate Year 3 net revenue increase for KEDLI. While this represents only approximately 8.5 percent for KEDNY's Rate Year 3 net revenue increase, the information contained in the documents used to initiate the Commission's investigation in Case 21-M-0351 indicates that most of the activity involved KEDLI.

XI. COST OF CAPITAL AND EARNINGS SHARING

A. Cost of Capital

The Joint Proposal's revenue requirements for KEDNY are based on overall pre-tax rates of return of 7.95 percent, 7.83 percent, and 7.83 percent for Rate Year 1, Rate Year 2, and Rate Year 3, respectively, and for KEDLI are based on overall pre-tax rates of return of 7.93 percent, 7.85 percent, and 7.82 percent for Rate Year 1, Rate Year 2, and Rate Year 3,

respectively.¹⁹⁵ The Joint Proposal's overall rate of return for each company is premised upon a ROE of 8.80 percent, a 48.0 percent common equity ratio, and a customer deposit rate of 0.90 percent. The Joint Proposal includes different weighted average costs of debt for the two Companies. KEDNY's weighted average cost of debt is 4.12 percent, 3.88 percent and 3.87 percent for Rate Year 1, Rate Year 2 and Rate Year 3, respectively and KEDLI's is 4.06 percent, 3.92 percent and 3.85 percent for Rate Year 1, Rate Year 2, and Rate Year 3, respectively.

The Joint Proposal's terms compare favorably to the Companies' litigated positions. In their filings, the Companies requested overall pre-tax rates of return of 8.53 percent for KEDNY and 8.51 percent for KEDLI. The Companies requests were both premised on a 48.0 percent common equity ratio and a 9.65 percent ROE. DPS Staff responded with testimony supporting a pre-tax rate of return of 7.58 percent for KEDNY using a cost of debt of 4.14 percent, an ROE of 8.20 percent, and a customer deposit rate of 2.45 percent, and a pre-tax rate of return of 7.54 percent for KEDLI using a cost of debt of 4.06 percent, an ROE of 8.20 percent, and a customer deposit rate of 2.45 percent.

DPS Staff submits two primary rationales for supporting the Joint Proposal's outcome.¹⁹⁶ DPS Staff advises that the Joint Proposal's overall rates of return produce credit metric results that are consistent with the Companies' current credit ratings. DPS Staff also notes that the Joint Proposal's overall rates of return are consistent with recent Commission

¹⁹⁵ The equivalent after-tax rates of returns for KEDNY are 6.34 percent, 6.22 percent and 6.22 percent, and for KEDLI are 6.32 percent, 6.24 percent, 6.21 percent for Rate Year 1, 2 and 3, respectively.

¹⁹⁶ DPS Staff Statement in Support, p. 56.

determinations whereby the Commission sought to minimize rate increases during the current difficult economic environment caused by the Covid-19 pandemic. DPS Staff offers that the overall rates of return can be expected to generate sufficient revenue to support the provision of safe and reliable utility service.

We agree. While DPS Staff did initially testify to an 8.20 percent ROE, we are cognizant of the time that has elapsed, as well as the events that have transpired since that testimony was offered. DPS Staff acknowledges that the ROE model it uses, which has long served as the basis for the ROE contained in the Commission's rate plans, has, during the pendency of these matters, produced increasing cost of equity recommendations.¹⁹⁷ Finally, we also observe that the Joint Proposal's terms compare equitably to the Commission's recent fully litigated ROE result in its Order Approving Gas Rate Plan for Corning Natural Gas Corporation.¹⁹⁸

B. Earnings Sharing

The Joint Proposal also contains a provision by which the Companies will share additional earnings with customers when their annual earnings exceed the allowed return by a significant margin. Under the Joint Proposal's earnings sharing mechanism, the Companies' individual earned ROE will be calculated on an annual basis at the end of each respective Rate Year. Any

¹⁹⁷ As examples, DPS Staff points to its October 2020 8.65 percent ROE recommendation in the New York American Water and Liberty Utilities merger matter, Case 20-W-0102, and its May 2021 8.75 percent ROE recommendation in the Orange and Rockland Utilities, Inc. rate proceedings, Cases 21-G-0073 and 21-E-0074.

¹⁹⁸ Case 20-G-0101, Corning Natural Gas Corporation - Gas Rates, Order Approving Gas Rate Plan (issued May 20, 2021).

overearnings that are owed to customers will be placed in a deferred credit account for future disposition to be determined by the Commission.

The amount of sharing, if any, is determined by the amount by which the Companies' actual earnings exceed the ROE allowed by the rate plan. Where company earnings exceed the allowed ROE by up to 50 basis points, or up to 9.30 percent, no sharing takes place. This "deadband" provides the Companies with an incentive to cut costs and create savings that can be reflected in future rate filings and is common in earnings sharing mechanisms employed by the Commission in past rate plans.

Earnings greater than 9.30 percent and up to 9.80 percent are shared with customers in an equal (50/50 percent) basis. Earnings above 9.80 percent and up to 10.30 percent are shared with customers receiving 75 percent and the Companies' retaining 25 percent. Finally, earnings calculated above 10.30 percent are shared 90 percent to customers with the remaining 10 percent allowed to remain with the Companies. However, for the earnings retained by the Companies above 9.80 percent, the Companies have agreed to apply 50 percent of that amount to reduce deferred balances for which customers are otherwise responsible related to the Companies' Site Investigation and Remediation costs.

More information about the calculation of earnings, as well as the calculation to be applied in the event of a Stay Out of less than one year is included in Appendix 5 to the Joint Proposal.

As the Commission has recognized previously, the sharing of additional earnings is an important safeguard in rate plans to protect customers from paying rates that result in windfalls for shareholders. Such protection is necessary in

long term plans due to the difficulties in forecasting revenue and expenses years into the future. In this Joint Proposal, the earnings sharing provisions strike a reasonable balance between providing an incentive to the Companies to minimize their costs and improve efficiencies but protecting customers against unforeseen events that might otherwise inure to the sole benefit of the Companies' shareholders.

XII. SITE INVESTIGATION AND REMEDIATION COSTS

The Joint Proposal provides an annual "rate allowance" for SIR costs of \$70.92 million for KEDNY and \$4.90 million for KEDLI, during each rate year and the Stay Out period and until the Companies' next rate filing.¹⁹⁹ The Companies will continue to fully reconcile actual SIR expenditures with their SIR allowances and over- or under-spending will be deferred for future refund to or recovery from customers. The SIR rate allowance is based on projected average of annual expenditures and continues the amortization of the SIR deferral balance as of December 31, 2016. The Companies are also authorized to continue to recover the costs to pursue recoveries from insurance policies and third parties that may be responsible for site pollution, while crediting 100 percent of any recoveries to the SIR deferral balances.

The Joint Proposal continues KEDNY's existing SIR Recovery Surcharge if the difference between actual SIR expenses, including those for Gowanus Canal and Newtown Creek

¹⁹⁹ Joint Proposal Section 8.1.4, pp. 89-90. Through the earnings sharing mechanism, customers and the Companies will share earnings in excess of the established return on equity. The Joint Proposal provides that the Companies will use 50 percent of their excess ROE earnings above 9.80 percent to reduce regulatory balances associated with SIR costs. Joint Proposal, Section 4.3, pp. 39-40.

Superfund sites, and the SIR rate allowance exceed \$25 million cumulatively. KEDNY and KEDLI are required to apply 50 percent of their share of earnings in the third and fourth tiers (i.e., earnings sharing if earnings are greater than the 9.8 percent band and the 10.3 percent band) under the Earnings Sharing Mechanism in order to reduce SIR deferrals.²⁰⁰

During litigation, this was a contested issue because the Companies sought recovery of 100 percent of forecasted SIR costs in base rates and continued amortization of deferred balances.²⁰¹ In its litigated position, DPS Staff indicated that it did not have confidence in the Companies' SIR cost forecasts given the large margin between the prior rate allowance under the 2016 Rate Order and the SIR costs actually incurred during the previous three-year rate period.²⁰² DPS Staff asserted that "the Companies' projections have been significantly inaccurate"²⁰³ and that the Companies' cleanup schedule slippages should be considered by the Commission in evaluating annual SIR cost projections.²⁰⁴ DPS Staff sought to average the forecasted SIR expenses and thereby reduce the requested allowances.

During the litigation phase, PULP and AARP NY argued in favor of KEDNY using 100 percent of excess earnings,

²⁰⁰ Joint Proposal, Section 4.3, pp. 39-40.

²⁰¹ Tr. 3472-3473; Tr. 3492-3943.

²⁰² Tr. 3543, 3549. DPS Staff asserted in testimony that as of September 30, 2019, KEDNY and KEDLI's actual post-2016 SIR deferred regulatory balances contained credit amounts of approximately \$29 million and \$41 million, respectively, which represent regulatory balances available to be spent for SIR program costs in addition to the level of the Rate Year rate allowances.

²⁰³ Id.

²⁰⁴ Tr. 3532.

including at the dead band, to reduce the significant forecasted SIR costs.²⁰⁵

DPS Staff's Statement in Support of the Joint Proposal claims that the SIR provisions considered here are reasonable.²⁰⁶ No other party objects to the Joint Proposal's provisions related to SIR costs and earnings sharing.

We find the SIR provisions of the Joint Proposal to be reasonable and in the public interest because they foster the Companies' remediation of contaminated sites, but we find certain information lacking and impose a condition requiring more detailed annual reporting in Case 11-M-0034, in furtherance of compliance with the Commission's SIR Order.²⁰⁷ Before approving the SIR allowance and the continuation of the SIR Recovery Surcharge under the Joint Proposal, our threshold inquiry is whether there is sufficient evidence in this record that the Companies are in compliance with the SIR Order, which would justify continuation of full ratepayer funding, as opposed to cost sharing by shareholders, as DPS Staff recognizes in its Statement in Support.²⁰⁸

The SIR Order imposes an annual reporting requirement on utilities that may be potentially responsible for pollution, including "reporting on the timeliness of remediation, adherence or slippage from established remediation schedules, compliance with DEC and other regulatory orders and agreements, and

²⁰⁵ Tr. 1629; AARP NY Initial Brief, p. 4.

²⁰⁶ DPS Staff Statement in Support, pp. 111-112.

²⁰⁷ Case 11-M-0034, Proceeding on Motion of the Commission to Commence a Regulatory Review and Evaluation of the Treatment of the State's Regulated Utilities' Site Investigation and Remediation (SIR) Costs, Order Concerning Costs for Site Investigation and Remediation (issued November 28, 2012) (SIR Order).

²⁰⁸ DPS Staff Statement in Support, p. 111.

historical costs and forecasts for future spending, by site.”²⁰⁹ In rate cases, the SIR Order requires utilities to provide sworn testimony “(1) establishing that the remediation process is in compliance with existing timetables and DEC requirements, or providing explanations for any divergence; (2) discussing the utility’s SIR cost control efforts, including an attestation to utility compliance with the best practices inventory; and (3) indicating the results of any internal process the utility may have conducted with respect to review of SIR procedures, and in particular explaining how internal controls are brought to bear on site investigation and remediation projects.”²¹⁰

Our focus here is on the costs expended and the timetables for remedial activities to be performed and/or completed that is set by the environmental regulators at the contaminated sites for which the Companies are responsible. Based on the record, there is no question that SIR costs for KEDNY continue to escalate significantly as a result of both the manufactured gas plant (MGP) and hazardous waste sites, including the Gowanus Canal and Newtown Creek Superfund sites. But we have concerns that the Companies have not shown “the timeliness of remediation, [and] adherence or slippage from established remediation schedules,” which the SIR Order requires.²¹¹ Although the Companies purport to provide documentation showing “compliance with existing timetables,”²¹² neither the Joint Proposal nor the documents in the record or in their Annual Reports (filed in Case 11-M-0034) contain the “existing timetables” or the specific remedial activities

²⁰⁹ SIR Order, p. 29.

²¹⁰ SIR Order, p. 29.

²¹¹ SIR Order, p. 29.

²¹² Hearing Exhibits 178, 187.

performed. Instead, the Companies only identify the general status of the contaminated sites by fiscal year quarter.

Of further concern is the lack of cost details associated with specific sites. For example, KEDNY indicates that it withdrew from the DEC administrative order for the Williamsburg Works MGP site in November 2016, and yet it nevertheless reports expenditures of \$7.3 million in 2017 and \$3.5 million in 2018.²¹³ In short, KEDNY has not shown that it is complying with a DEC administrative order, work plan, or remedial schedule for this site, as the SIR Order requires, particularly if it has withdrawn from the DEC administrative order.²¹⁴ The SIR Order expressly requires this information to be specified and compliance has not been demonstrated in the absence of detailed and concrete ongoing remedial activities that will be performed during the rate year under a remedial work plan approved by the environmental regulator. This necessarily includes identification in annual reports of specific scheduled remedial activities, such as mobilization of contractors, installation of remedial technologies, performance of sampling events, preparation and submission of reporting, and

²¹³ Hearing Exhibits 172, pp. 24, 179, 181. KEDNY forecasts combined SIR costs of \$1.05 million for the Williamsburg site for Fiscal Year 2020-2021, but does not identify the specific remedial activities on which these SIR costs will be spent.

²¹⁴ Without an administrative order and underlying work plan, there is no timetable for remedial activities. See 6 NYCRR §375-1.6(a) (all work undertaken as part of a remedial program at a hazardous waste site shall be detailed in a DEC-approved work plan and the "proposed work plan shall be submitted for Department review and approval . . . and shall include, at a minimum, a schedule for performance of anticipated activities with sufficient detail to allow the Department to evaluate that work plan" and "the Department shall be notified at least 7 days in advance of, and be allowed to attend, any field activities to be conducted under a Department approved work plan.") (Emphasis added).

implementation of other work plan tasks and approved remedial activities.

Of additional concern is the Companies' failure to specify in detail how the SIR rate allowance has been spent, including the amount expended on various consultants, engineers, contractors, attorneys, or others. Consequently, SIR costs cannot be directly linked to the activities at specific contaminated sites. For example, the "General SIR Program" line item in their Annual Reports shows sizable expenditures without any identification of how the money was spent and on which site it was spent.

The Companies annual reporting and details of remedial expenditures may require greater DPS Staff oversight not only to provide protection for ratepayers, but also to track the dollars expended and to assure that remedial work is timely completed by the Companies at the numerous contaminated sites for which they are responsible.²¹⁵

We therefore require that the Companies submit Annual Reports in Case 11-M-0034 that: detail the specific remedial and programmatic activities scheduled and performed at all contaminated sites during each of the rate years and the Stay Out period; identify and include the DEC or USEPA administrative orders and approved work plans and timetables for implementation of remedial activities; and break down the remedial costs incurred for such activities, including but not limited to a detailed identification of the costs associated with the General SIR Program and cost expended on various SIR participants (i.e., consultants, engineers, contractors, attorneys, and others). This enhanced reporting requirement will continue beyond the current rate plans. With these additional reporting

²¹⁵ SIR Order, pp. 178, 187.

requirements, the expenditures under the Joint Proposal can be confirmed to be consistent with the SIR Order and the State's long-standing policy to assure prompt, cost-effective and comprehensive remediation of contaminated sites in the State.

XIII. CAPITAL INVESTMENT LEVELS AND OPERATIONS AND MAINTENANCE

A. Capital Investment Levels

The Joint Proposal provides for capital investment levels of approximately \$582.5 million in Rate Year 1, \$743.4 million in Rate Year 2 and \$684.4 million in Rate Year 3 for KEDNY and \$368.5 million in Rate Year 1, \$492 million in Rate Year 2 and \$447.1 million in Rate Year 3 for KEDLI.²¹⁶ When compared against the Companies' litigated positions, those amounts are more than \$970.7 million less than KEDNY's litigated position and more than \$481.6 million less than KEDLI's litigated position.²¹⁷ DPS Staff asserts that these significant reductions to the Companies' capital investment plans "include adjustments to reflect the feedback from stakeholders to minimize natural gas capital investments, and the need to minimize rate increases due to the impacts of the Covid-19 pandemic."²¹⁸

While the capital investment levels are based on forecasted amounts for specific projects, the Joint Proposal recognizes that the Companies retain the flexibility to adjust capital spending to address evolving situations and needs, as is common in utility rate plans. This flexibility is important as it provides the Companies the ability to make adjustments to their capital plans to maintain safe, adequate and reliable

²¹⁶ Joint Proposal, pp. 40-41.

²¹⁷ Hearing Exhibit 831, Companies' Response to ALJ-16

²¹⁸ DPS Staff Statement in Support of Joint Proposal, p. 59.

service, especially where situations develop during a rate plan that require a shift in resources. Nevertheless, the Companies are required to make only those investments that are prudent and necessary to serve their customers and any new customers that they are required to serve.

The Companies state that the capital investment levels set forth in the Joint Proposal represent a reasonable compromise based on the need, scope and benefits of the Companies' proposed capital projects and programs. They further maintain that the proposed capital investment levels will allow them to "update and modernize their gas infrastructure, comply with federal and state mandates and policy changes, and maintain safe and adequate service to customers while also moderating the customer bill impacts of those investments over the term of the rate plans."²¹⁹

Sane Energy and various commenters oppose capital expenditures for KEDNY's gas facilities. For example, Sane Energy opposes capital expenditures that would extend the life of KEDNY's Greenpoint LNG facility or increase its output and state that the facility should be retired.²²⁰ DPS Staff responds that the Greenpoint LNG facility is a critical component of KEDNY's gas supply portfolio and gas network used to meet customers' peak day demand.²²¹ DPS Staff notes that the Greenpoint LNG facility "has a total design capacity of 1.6 billion cubic feet of LNG and can supply 290 million cubic feet

²¹⁹ Companies' Statement in Support of Joint Proposal, p. 57.

²²⁰ Sane Energy Statement in Opposition to Joint Proposal, pp. 10-11; Sane Energy Reply Statement in Opposition to Joint Proposal, pp. 8-9.

²²¹ DPS Staff Reply Statement in Support of Joint Proposal, p. 17.

of gas per day for use in the winter during peak demand conditions."²²²

Despite public opposition to the Greenpoint LNG facility documented in the record, we agree with DPS Staff that the record contains no evidence of any viable, short-term solutions that would take the place of the facility. We find, therefore, that the capital expenditures associated with that facility are necessary for KEDNY to maintain safe and reliable gas service at this time. That KEDNY may still be in the process of obtaining approvals/permits for some aspects of the work at the Greenpoint LNG facility - which is a normal part of the planning and construction process - does not change our conclusion nor preclude rate recovery for work already performed. Nor would KEDNY be allowed to initiate certain work or construction activities without the required approvals and permits.

DPS Staff and other parties reviewed the projects underlying the forecasts during these proceedings and DPS Staff has found those projects necessary for system integrity and reliability. We find that the Joint Proposal's forecasted capital expenditure amounts are reasonable, will allow the Companies to maintain safe and adequate service, as required under the Public Service Law, and will also support projects that will help advance the Commission's and State's clean energy and greenhouse gas emission reduction goals.

Certain capital projects and programs recommended by the Joint Proposal are discussed in further detail below.

²²² DPS Staff Reply Statement in Support of Joint Proposal, p. 17.

B. Long-Term Capacity Projects and Surcharge Mechanism

The Joint Proposal includes capital investments for on-system, long-term capacity projects that would be a part of and supplement the Companies' existing gas infrastructure and facilities.²²³ The Joint Proposal gives the Companies the ability to impose a Demand Capacity Surcharge as a cost recovery mechanism for these projects until the Commission again sets rates.²²⁴ The Companies must meet specified Capacity Demand Metrics as a condition to imposing the Surcharge.

C. Capacity Demand Metrics and Independent Consultant Review

The Joint Proposal establishes Capacity Demand Metrics that include energy efficiency and demand/response weighted metrics in all three Rate Years; and in Rate Years 2 and 3 only, additional metrics requiring consideration of one non-pipe, third party proposal annually, customer electrification referrals to Consolidated Edison and LIPA (200 referrals in 2021 and progressively increasing to 460 referrals in 2024), identification of five leak-prone pipe segments, and non-pipe alternatives.²²⁵ The Companies' full cost recovery for long term capital capacity projects is contingent on it meeting the Metrics. Failure to comply with one or more of the weighted metrics will reduce the Companies' ability to recover costs through the Surcharge that are associated with any long-term

²²³ The Joint Proposal approves capital investments for each Rate Year for certain gas infrastructure projects that represent traditional facility expenditures for upgrades and replacements necessary to maintain reliability. Joint Proposal, pp. 40-42; Appendix 1, Schedule 5. These projects are in-service and do not include the proposed LNG, CNG and other long-term projects addressed in this section.

²²⁴ Joint Proposal, pp. 42-52.

²²⁵ Joint Proposal, pp. 47-51.

capacity project. The Companies are required to submit quarterly reports documenting their performance in meeting the Capacity Demand Metrics.²²⁶

With respect to the proposed long-term capacity CNG projects (Glenwood, Barrett and Inwood), before imposing the Demand Capacity Surcharge, the Joint Proposal requires the Companies to demonstrate compliance with these Capacity Demand Metrics for each Rate Year.

With respect to other identified long-term capacity projects, the Joint Proposal sets forth a process designed to independently assess each of these projects under specified criteria.²²⁷ The Companies have proposed these projects to address future capacity needs and meet peak demand. These proposed projects will be assessed by a qualified independent consultant selected by DPS Staff and retained by the Companies. The consultant's assessment will apply specific criteria: project need to meet demand; gas forecasts; "All-In Cost" of the project,²²⁸ safety and reliability benefits; viable project

²²⁶ Joint Proposal, p. 52.

²²⁷ Joint Proposal, pp. 42-52. The proposed long-term capacity projects include additional gas infrastructure at the Greenpoint LNG facility (e.g., vaporization replacement and expansion, truck loading/unloading station, and portable capabilities); CNG injections and fill infrastructure at the Staten Island facility; the Elmhurst reliability project; the Riverhead transmission main project; the Southeast Suffolk projects (Phases 1 and 2); and the Northwest Nassau transmission main and control valve project (Phase 3). In addition, the MRI Phase 5 project is subject to the Joint Proposal's terms for long-term capacity projects (p. 47), as further detailed below.

²²⁸ The Joint Proposal contains a complex calculation of how "All-In Cost" will be defined and includes a formula and the application of two measures of calculating cost: (1) All-In Cost Per Design Dth per day; and (2) All-In Cost Per Dth of Estimated Use for Each Project. Joint Proposal, pp. 45-46.

alternatives; greenhouse gas emissions potential from the project; and comments and analysis by intervening parties and the public.²²⁹ The Joint Proposal identifies the qualifications and expertise the consultant is required to have and the specific criteria the independent consultant will use in the assessment.²³⁰

The Joint Proposal defines the standard to be applied by the independent consultant in confirming the need for a long-term project, including that (1) the Companies' forecast of peak demand is reasonable and requires project implementation to meet demand; and (2) alternatives to the project that could meet, reduce or eliminate demand cannot reasonably be expected to be available and operational in the necessary time-frame at a lower cost.²³¹ The independent consultant's assessment will be contained in a report to be reviewed by the Companies, DPS Staff, intervening parties, and the public.

Thus, to impose the Demand Capacity Surcharge and recover costs from customers for the proposed long-term projects, the Companies not only are required to demonstrate compliance with the Capacity Demand Metrics identified above, but must make the additional, separate showing that each project

²²⁹ Joint Proposal, pp. 44-45. The Companies retain the right to object to DPS Staff's selection of the independent consultant and will then "confer in good faith to discuss the potential replacement" of the selected consultant.

²³⁰ Joint Proposal, p. 44. Although the Joint Proposal specifies that the consultant should be a recognized national or regional gas engineering expert, with planning and natural gas distribution infrastructure experience, at the hearing on the Joint Proposal, both the Companies and DPS Staff confirmed that the consultant is also required to have expertise in quantifying and evaluating greenhouse gas emissions for infrastructure projects. June 21, 2021 Transcript of Hearing on Joint Proposal, pp. 111-112.

²³¹ Joint Proposal, p. 45.

has been assessed by the independent consultant against the relevant criteria and that it meets the standard for need identified in the Joint Proposal. A proposed project is not subject to the independent consultant's assessment unless the Companies have first met the Capacity Demand Metrics that are designed to reduce demand.

Essentially, the Joint Proposal provides for the Commission's approval of this process - not the projects themselves - and allows cost recovery through the Demand Capacity Surcharge only after further demonstration of compliance and assessment by the independent consultant. If the independent consultant rejects any project, the Joint Proposal provides that the Companies cannot recover project costs, but may continue to advance the project before the Commission in a future rate case based on "changed circumstances" or any other basis permitted under the PSL, but the project is not subject to Commission review during these rate plans.²³² On the other hand, if the independent consultant confirms the need for a project, no further Commission action is required and the Joint Proposal authorizes the Companies to impose the Demand Capacity Surcharge on customers and recover the costs of the project without further process.

All costs of the independent consultant's assessment, and all costs to design, engineer and permit any long-term project - regardless of whether the Companies meet the Capacity Demand Metrics and regardless of whether the independent consultant rejects the project - will also be recoverable through the Demand Capacity Surcharge.²³³

²³² Joint Proposal, p. 47.

²³³ Joint Proposal, pp. 46-47.

The MRI Project, Phase 5

With respect to Phase 5 of the MRI Project, if KEDNY decides to proceed with this last phase, it is required to file a petition with the Commission justifying why Phase 5 is needed and must include the independent consultant's assessment report.²³⁴ The MRI Phase 5 is also subject to a demonstration of compliance with the Capacity Demand Metrics. The Companies have agreed through the Joint Proposal to cease further work on Phase 5 in the absence of Commission action on the petition.²³⁵

Parties' Positions on the Process for Long-Term Projects

The Companies' Statement in Support asserts that these terms of the Joint Proposal and the associated process will ensure that new capacity infrastructure is constructed at ratepayer expense only if it is clearly needed and the best alternative.²³⁶ The Companies recite the Commission-approved Moratorium Agreement, which requires them to identify solutions to address gas supply and forecast peak customer demands. The Companies indicate that they support the additional review, stakeholder engagement, and public input that the process affords. They also point out the environmental benefits achieved.²³⁷

DPS Staff's Statement in Support similarly lauds the Capacity Demand Metrics and the process for an independent

²³⁴ Joint Proposal, p. 47.

²³⁵ Although the Companies proceeded with some Phase 5 work during the pendency of these rate proceedings, none of those expenditures are included in the revenue requirement for rate recovery under the Joint Proposal. See July 9, 2021 Revised Appendix 1, Schedules 3, 4, 5 and 7 (attached to Joint Proposal).

²³⁶ Companies' Statement in Support, pp. 58-60.

²³⁷ Companies' Statement in Support, p. 66.

assessment of long-term capacity projects.²³⁸ DPS Staff also refers to the Moratorium Agreement and the significant evidence in these cases and otherwise before the Commission of a need to meet growing peak demand in the Companies' service territories.²³⁹ DPS Staff details each of the long-term capacity projects and notes that energy efficiency and demand response programs could delay some projects, but they would each contribute to meeting demand. DPS Staff notes that although it did not support the MRI Project (Phase 5) and the Northwest Nassau Transmission Project (Phase 3) it wholly supports the additional review by the independent consultant of those and all of the long-term capacity projects proposed to ensure the need for the projects as well as system reliability to meet peak demand.²⁴⁰

EDF supports the heightened review the independent consultant will give to long-term capacity projects, noting that it will foster greenhouse gas reductions and make fossil fuel development a "last resort."²⁴¹

In its Statement in Opposition, the CNY supports the independent consultant's review of the long-term capacity projects, but opposes this new process, asserting that the Commission's authority to approve these investments is being improperly delegated to the consultant, with little transparency and limited opportunities for stakeholder involvement.²⁴² The

²³⁸ DPS Staff Statement in Support, pp. 62-72.

²³⁹ Hearing Exhibit 394; Case 19-G-0168, supra, Moratorium Proceeding, May 8, 2020 Long Term Capacity Supplemental Report;" Case 20-G-0131, Gas Planning Proceeding, supra, "Supply and Demand Analysis Related to Service Areas with Known Supply Constraint Vulnerabilities" (July 17, 2021).

²⁴⁰ DPS Staff Statement in Support, pp. 67.

²⁴¹ EDF Statement in Support, pp. 9-10.

²⁴² CNY Statement in Opposition, pp. 8-9.

CNY questions the extent of DPS Staff's oversight of the independent consultant. The CNY claims that after its "traditional review," DPS Staff has already determined the need for the projects from a safety and reliability standpoint. The CNY also challenges the limited timeframe and opportunities for stakeholder and public participation in the process.²⁴³ The CNY asks the Commission to reserve its authority to review and approve the independent consultant's determination of need for all projects after a meaningful opportunity for stakeholder review and comment.

AGREE supports the independent consultant's review of long-term capacity projects, but objects to the "inordinate power" the consultant will wield.²⁴⁴ AGREE asserts that rather than making a recommendation to the Commission, followed by the Commission's decision on any project, the consultant instead has the power to approve or disapprove such projects. AGREE also asserts that only the Companies will then be able to appeal the consultant's decision to the Commission. AGREE claims that the effect of the process is the Commission's pre-approval of cost recovery for millions of dollars not included in the revenue requirement of these proceedings without adequate information and a full record detailing the projects proposed.²⁴⁵ AGREE argues that this information will be developed only after the Joint Proposal is approved. AGREE also argues that this process

²⁴³ CNY Statement in Opposition, pp. 10-11. The CNY claims that the 30-day time frame provided for public comment after the Companies file a report with the Commission demonstrating need and metric compliance is inadequate and is substantially less than the 60-day public comment period under SAPA. The CNY also claims that the public will have only 15-days to review the independent consultant's assessment report after the Companies' filing.

²⁴⁴ AGREE Statement in Opposition, pp. 15-16.

²⁴⁵ AGREE Statement in Opposition, pp. 16-17.

undermines the public accountability of the Commission and its rate proceedings, resulting in an abdication of public trust.

AARP NY's Statement in Opposition also objects to the Joint Proposal's provisions related to the independent consultant's role in deciding the need for long-term capacity projects. AARP NY argues that this provision would "improperly and unlawfully remove the Commission from the decision-making process regarding whether or not a capacity project is needed."²⁴⁶ AARP NY also argues that there are due process implications if the Commission is not a part of the decision-making process that will result in the imposition of a surcharge on customer bills. AARP NY complains that the Joint Proposal allows the Companies to contest the independent consultant's assessment that a project is not necessary, but does not allow DPS Staff, other parties or the Commission to challenge the consultant's assessment that a project is necessary.

Although PULP submitted a Statement of Neutrality with respect to the Joint Proposal, it nevertheless asserts that the long-term capacity process and independent consultant's role is "an inappropriate delegation of the Commission's authority to a third-party" that may deprive ratepayers and stakeholders of due process.²⁴⁷ PULP recommends that the Commission revise or eliminate these procedural provisions from the Joint Proposal.

Discussion

The Joint Proposal provides an in-depth, independent, heightened review process of long-term capacity projects that goes well beyond the traditional review such projects may get in the context of a rate case involving review of the Companies' entire capital expenditure programs and associated projects.

²⁴⁶ AARP NY Statement in Opposition, p. 4.

²⁴⁷ PULP Statement of Neutrality, p. 4, n. 8.

The independence of the consultant's assessment and application of the outlined criteria for each project makes this process both robust and thorough.

It is important to note here that the Joint Proposal provides for additional process steps to confirm the desirability for pursuing these projects, not a process that supplants Commission review, which we are providing in this Order here. If we were to approve the Companies' capital expenditure plans in total without this additional provision, these projects would likely be included having already been through the traditional requisite DPS Staff evaluation and audit of such plans as part of a rate proceeding. Thus, we have a complete record before us on which the Commission usually relies in executing its rate-setting function. However, in light of the Joint Proposal and agreement of the parties, we accept this additional layer of process to seek independent judgment before these projects may proceed.

Although this process is novel, we find it to be in the public interest particularly because the Companies' compliance with the Capacity Demand Metrics is a prerequisite. This incentivizes the Companies to take aggressive energy efficiency, demand response, electrification, and other measures that will offset gas capacity needs, which could delay or entirely mitigate the need for the projects and additional gas supply infrastructure.

There are additional benefits to the approach the Joint Proposal takes with respect to long-term capital projects. First, the independent consultant's review, as well as the involvement of DPS Staff, parties, and the public, will assure that long-term capital investments for a project are demonstrably needed for reliability purposes. Second, this review assures that the project's greenhouse gas emissions are

considered and calls for an examination of available alternatives. Third, the entire process is subject to meaningful input from parties and the public.

Finally, and most importantly, the process outlined in the Joint Proposal is intended to timely address the critical capacity needs for the New York Metropolitan area, which are well-documented in the Moratorium Proceeding and in these proceedings. We find that these provisions of the Joint Proposal are reasonably calculated to address future capacity needs and PSL §65(1)'s mandate that the Companies provide safe and adequate service at just and reasonable rates will be met.

With respect to the objections to the Joint Proposal's framework for long-term capacity projects, the Commission is modifying the process established in the Joint Proposal to require that within sixty days after issuance of the report filed by the independent consultant, and upon consideration of any public comments, the Commission will issue a final decision regarding the surcharge. The Commission finds that this process, with the added step, comports with its ratemaking function and is otherwise designed to be transparent, and that the timing for stakeholder and public involvement is sufficient.

D. Use of NRA Balances to Fund Certain Programs

Under the Joint Proposal, existing NRA balances in the amount of approximately \$5.29 million will be used to fund the Companies' Expanded Residential Methane Detection (ERMD) Program and the Instrument and Regulation (I&R) Control Line Survey and GPS Mapping program during the term of the rate plans.²⁴⁸ The ERMD is an expanded version of a Residential Methane Detection (RMD) Pilot Program approved in the 2016 Rate Order for use in

²⁴⁸ Joint Proposal, pp. 12, 52.

KEDNY's service territory, which would allow additional RMDs to be provided in KEDNY's service territory, extend the program to KEDLI's service territory, and enhance the Companies' customer education and outreach efforts.²⁴⁹ The I&R Control Line Survey and GPS Mapping program would survey and map the Companies' control lines using GPS technology and licensed land surveyors.²⁵⁰ Control lines are piping systems that allow pressure regulating equipment to sense the amount of gas pressure in the Companies' downstate distribution system.

In testimony, the Companies and DPS Staff supported the use of NRAs to fund the RMD program, I&R Control Line Survey and GPS Mapping program, and other programs, while the CNY took the position that all NRA balances should be returned to ratepayers with interest.²⁵¹ The CNY also requested that, in addition to providing the RMDs to customers, the Companies conduct quality control testing of the RMDs, install the RMDs, and provide oral as well as written instructions to RMD recipients. The Companies responded that such measures would be an inefficient use of resources because they would provide commercially available RMD devices that are simple for customers to install and to operate, similar to common smoke detectors and carbon monoxide detectors that most customers already have in their homes."²⁵² In its litigated position, DPS Staff supported the RMD program as proposed by the Companies.

The expansion of the RMD program as proposed in the Joint Proposal will directly benefit ratepayers. In addition, the use of NRAs to offset the identified gas safety-related

²⁴⁹ Tr. 3746.

²⁵⁰ Tr. 3731.

²⁵¹ Tr. 3717, 3747, 4098-4099, 5418, 5486-5487.

²⁵² Tr. 3829.

programs both enhances public safety and mitigates the incremental costs that ratepayers otherwise would experience from their implementation. We note that the Joint Proposal requires the Companies to file an annual report setting forth their deployment strategies with respect to RMDs and the costs the Companies have incurred to date.²⁵³ Although the Companies currently do not have the capability to provide RMDs that communicate with the Companies' control room infrastructure, the Joint Proposal requires the Companies to file a plan for the development of advanced utility detection devices for residential methane detection within 90 days after the issuance of a Commission Order adopting the terms of this Joint Proposal.²⁵⁴

E. Commitment to Non-Pipe Alternatives

The Joint Proposal provides that, where possible, the Companies will make evaluations of possible Non-Pipe Alternatives (NPAs) before proceeding with the construction of new or replacement gas transmission and distribution infrastructure.²⁵⁵ The Companies will be permitted to defer the costs of all LPP NPAs that are completed. The Companies will not be restricted from proceeding with investments in new or replacement facilities that are necessary to respond to an emergency as determined by the Companies or to comply with laws, rules, regulations, or orders of the Commission or other regulatory body having jurisdiction.

The Companies, DPS Staff, Bob Wyman, Estates NY, and numerous commenters advocated for the development and

²⁵³ Joint Proposal, p. 55.

²⁵⁴ Joint Proposal, p. 55.

²⁵⁵ Joint Proposal, p. 40.

incorporation of NPAs, such as geothermal heat pumps, into the Companies' capital planning process.²⁵⁶ The provision of the Joint Proposal committing the Companies to evaluate NPAs as an alternative to traditional gas transmission and distribution infrastructure, where possible, will allow the Companies to assess whether traditional capital investments or projects can be replaced with projects targeted to reduce gas demand and promote the goals of the CLCPA and other State energy policy goals. At the same time, this provision of the Joint Proposal allows the Companies to proceed with traditional gas transmission and distribution infrastructure projects needed to support the safe and reliable operation of their gas systems. No party objects to this provision, which appropriately promotes State energy policy goals through the incorporation of NPAs into the capital development process while maintaining the reliability of the Companies' gas systems.

F. Capitalization Changes

The Joint Proposal provides that the Companies shall be authorized to capitalize all main installations regardless of length.²⁵⁷ The Joint Proposal adopts the Companies' proposal in testimony to change their pipeline main installation or replacement policy to include in their capital budgets main segments that are less than a previously-established 50 linear foot threshold. Segments below that threshold previously were expensed under the Companies' O&M budget, but now would be capitalized.²⁵⁸ The provision of the Joint Proposal eliminating the 50 linear foot threshold will align the accounting treatment

²⁵⁶ Tr. 33, 143, 615-616, 5726-5728 and 5741.

²⁵⁷ Joint Proposal, p. 53.

²⁵⁸ Tr. 4327.

for these activities with National Grid's other distribution companies.²⁵⁹ There is no dispute among the parties on this change in approach and accounting treatment, which we determine to be reasonable.

G. Capital Reporting

The Joint Proposal requires the Companies to file with the Secretary prior to the beginning of Rate Year 2 and Rate Year 3 their LPP prioritization summaries identifying the proposed projects and estimated costs, an inventory of Type 3 leaks on each system, and their approved five-year capital plans.²⁶⁰ The Companies also will file quarterly variance reports that will include explanations for variances between approved budgets and actual expenditures, as well as details on the progress of LPP retirement mileage, Type 3 leaks repaired, and a summary of their current Type 3 leak inventories. Finally, the Companies will file annual reports that shall include (1) a final variance summary of capital expenditures for all capital projects and programs; (2) a narrative explaining any cost or timeline differences exceeding ten percent; (3) a narrative on project design, permitting and/or construction status for any ongoing projects; (4) a description of any new projects or programs; and (5) capital project sanctioning documents for any projects.

The capital reporting requirements set forth in the Joint Proposal conform to DPS Staff's recommendations in testimony.²⁶¹ The capital reporting requirements will provide transparency with respect to the Companies' spending levels,

²⁵⁹ Tr. 4695, 4687.

²⁶⁰ Joint Proposal, p. 53.

²⁶¹ Tr. 4705-4708.

construction progress, leak repair progress and inventory, and LPP prioritization and progress.

H. Low Pressure Main Valve Installations

The Joint Proposal provides that, by December 31, 2021, the Companies will file with the Secretary an analysis to determine locations where low pressure main valves should be installed based on public health and safety, limiting the scope and duration of outages, and minimizing the potential for fugitive methane emissions.²⁶² The analysis will include a prioritized list of valves to be replaced based on a risk ranking, a list of the valves the Companies propose to install and their locations, the justification for each valve selected, and the forecast cost of each installation. The budgets for the low-pressure main valve installations will be \$5.0 million in Rate Year 2 and \$6.7 million in Rate Year 3 for KEDNY and \$0.8 million in Rate Year 2 and \$1.3 million in Rate Year 3 for KEDLI.

In testimony, the Companies proposed a program under which they would install shut-off valves every 1,000 feet on low-pressure mains in conjunction with their retirement of LPP.²⁶³ DPS Staff supported the program but recommended that it be funded by NRAs, rather than through rates as proposed by the Companies.²⁶⁴ Both the Companies and DPS Staff now support the low-pressure main valve installation program as set forth in the Joint Proposal. We agree with the Companies and DPS Staff that the Joint Proposal's treatment of the Companies low-pressure main valve installations appropriately provides funding for a

²⁶² Joint Proposal, p. 54.

²⁶³ Tr. 3739.

²⁶⁴ Tr. 3827, 4664-4665, 4088.

more wholistic and transparent program that will improve the safety of the Companies' natural gas systems.²⁶⁵

I. Service Line Inspections

The Joint Proposal provides that, within 90 days of a Commission Order in this proceeding, the Companies will file a procedure establishing penalties to be assessed to customers who do not cooperate with inside service line inspections.²⁶⁶ The amounts recovered through the penalties will be used to offset the costs of service line inspections. The Companies are expected to coordinate service line inspections with other activities in the normal course of business.

In Case 14-G-0357, the Commission adopted a new definition of "gas service line" in 16 NYCRR §255.3(a)(43), in which service lines extend to the outlet of each customer's meter, or at the connection to a customer's piping, whichever is further downstream, including meters located inside buildings and inside apartments within a larger apartment building.²⁶⁷ The provision of the Joint Proposal for establishing a process to apply penalties to non-cooperative customers, recommended by DPS Staff in testimony, is intended to improve access-related issues while providing additional funding needed to complete inspections under the expanded definition of gas service lines.

²⁶⁵ Companies' Statement in Support of the Joint Proposal, p. 70; DPS Staff Statement in Support of Joint Proposal, p. 75.

²⁶⁶ Joint Proposal, p. 54.

²⁶⁷ This revision to the definition was made in part on the recommendation of the National Transportation Safety Board after a natural gas incident in New York City.

J. Local Law 152

New York City Local Law 152 requires building owners to conduct periodic inspections of natural gas piping inside buildings, including examinations for atmospheric corrosion and testing for leakage.²⁶⁸ Although the inspections required under Local Law 152 include inside service lines that the Companies also are required to inspect, the rules issued under Local Law 152 do not allow for coordination of the required inspections. Among other things, the training and qualifications of inspectors used by the building owners and the utilities are different and the timeframes for the inspections do not align.²⁶⁹

Given the current state of Local Law 152 and the Companies' obligations under pipeline safety regulations, the Joint Proposal provides that the Companies conduct their inside service line inspections independently of those required by third parties under Local Law 152.²⁷⁰ Nevertheless, recognizing that a single inspection satisfying Local Law 152 and pipeline safety regulations likely would be more cost effective, the Joint Proposal requires that the Companies consult with the CNY regarding Local Law 152 and that, within 90 days of a Commission Order approving the Joint Proposal, they either file a petition requesting a pilot program that would consider alternative re-inspection intervals and proposing to offer incentives to third parties to perform survey/inspection work in residential rental spaces on behalf of the Companies, or file a report explaining why such a plan would not be feasible or cost effective. The Joint Proposal reasonably ensures that the Companies' inside service line inspections are properly funded while the Companies

²⁶⁸ Tr. 4104.

²⁶⁹ Tr. 3834.

²⁷⁰ Joint Proposal, p. 55.

and the CNY continue to address process improvements designed to coordinate their service line inspections.

K. Relocation of Inside Gas Meters

In the event of an emergency, outside meters allow utility personnel and/or emergency responders to quickly shut off the flow of gas without entering the building and locating the curb valve. In addition, a utility does not require access to the premises in order to perform the required leakage surveys and atmospheric corrossions inspections if the meter is outside.²⁷¹ Under the 2016 Rate Order, the Companies began relocating gas meters from inside to outside customers' premises when replacing or relocating gas service lines as part of their LPP replacement program, subject to certain exceptions. The Joint Proposal continues the Companies' meter relocation efforts and expands meter relocations to other activities, such as new service installations.

The Joint Proposal provides that the Companies will relocate gas meters that are located inside a customer's premises and install them outside when performing any planned service line replacements, new installations that offer the customer and the Companies the opportunity to relocate meters outside, and other opportunities where work can be performed feasibly.²⁷² The Companies will create a list of customers for meter relocation who already have services installed and who have no greater than two dwelling units. The Companies will

²⁷¹ Tr. 4109.

²⁷² Joint Proposal, p. 56. The Companies also may consider whether and where to relocate meters in premises located in a flood plain (e.g., elevating the gas meter to a higher location).

make reasonable efforts to relocate gas meters in premises consisting of more than two dwelling units.

The Companies are not obligated to relocate inside gas meters where (1) the customer refuses to provide consent to such relocation²⁷³; (2) local building codes, regulations, or authorities preclude such relocations; (3) exterior or interior obstacles, space constraints, or physical barriers preclude such relocations; (4) the work involved is an emergency service line repair or replacement; (5) relocation requires extensive interior or exterior restoration and/or complicated interior piping work that would involve excessive costs or present increased operational risks for the Companies and/or customers; or (5) the gas meter should not be moved outside for safety reasons. The Companies explain that these exceptions, which have been expanded since the 2016 Rate Case, "allow for consideration of issues currently experienced by the Companies in the field, such as" CNY Department of Buildings "regulations and customer refusals, that prevent or impede meter relocation efforts."²⁷⁴

The Companies will file an annual report with the Commission by April 1 of the following calendar year that includes the number of meters relocated outside, the number of meters left inside, and the specific reason that inside meters were not moved and the number that involved service replacements by installation of a new service line in one- and two-family homes. Recognizing what the signatory parties maintain are

²⁷³ Customers who refuse to move meters outside will be asked to sign a form explaining the reason(s) for their refusal and stating that they are aware of the benefits of having their meters outside, and will be subject to charges for future costs related to survey/inspection of inside piping in accordance with the Companies' applicable tariff provisions.

²⁷⁴ Companies' Statement in Support of Joint Proposal, p. 75.

ongoing issues associated with the interpretation of the CNY Department of Buildings rules regarding inside meter locations, the Joint Proposal states that, beginning in Rate Year 2, KEDNY and DPS Staff will use good faith efforts to meet with the CNY on a periodic basis to discuss issues related to relocating inside meters in the CNY and work to reach a mutually agreeable resolution.²⁷⁵

This provision of the Joint Proposal, which is unopposed, promotes public safety and is reasonable.

L. Pipeline Emergency Responders Initiatives and First Responder Training

The Joint Proposal provides that, beginning in Rate Year 2, the Companies will adopt the principles of the Pipeline Emergency Responders Initiative, conduct regular drills with local fire departments and municipalities, implement their first responder training program, and file annual reports detailing their progress in this area within 90 days after the end of each Rate Year.²⁷⁶ This provision of the Joint Proposal, which adopts recommendations made by DPS Staff in testimony,²⁷⁷ promotes gas safety by assuring first responders are well-trained and promoting coordination with local fire departments and municipal officials.

M. City/State Construction Program

The Companies' City-State Construction (CSC) programs involve the relocation and/or protection of gas facilities to accommodate municipal public works projects, including work on water, sewer and drainage infrastructure, street reconstruction,

²⁷⁵ Joint Proposal, p. 57.

²⁷⁶ Joint Proposal, pp. 57-58.

²⁷⁷ Tr. 4096.

and bridge replacement projects.²⁷⁸ The Companies have no control over the scope or timing of projects implemented by the municipalities and do not have complete control over the costs involved. Certain CSC program costs are reimbursable pursuant to cost sharing arrangements with municipalities.

The Joint Proposal provides for CSC program funding in the approximate amounts of \$224.08 million, \$265.00 million, and \$269.83 million for KEDNY and \$8.16 million, \$11.12 million, and \$11.57 million for KEDLI, in Rate Year 1, Rate Year 2 and Rate Year 3, respectively. In addition, the Companies agree to appoint a management level contact to work with CNY to improve coordination on infrastructure projects, including enhanced coordination on City State Construction (CSC) projects and discussion around implementing a new CSC cost sharing agreement.²⁷⁹ The Companies also will seek to hold at least one meeting each quarter of Rate Year 2 and Rate Year 3.

The investment levels set forth in the Joint Proposal for CSC projects reflect the lower levels of construction work experienced by the Companies in Rate Year 1 and decreased forecasted amounts for KEDNY in Rate Year 2 and Rate Year 3 due to the uncertainty associated with the return to normal work levels in the CNY. The CSC program provision of the Joint Proposal also seeks to address a history of communication, coordination and reimbursement issues between the Companies and the CNY regarding CSC projects.²⁸⁰

²⁷⁸ Tr. 4247, 4271, 4657.

²⁷⁹ Joint Proposal, p. 58.

²⁸⁰ Tr. 4534-4535, 5523-5527.

N. Green Infrastructure Efforts

In testimony, the CNY expressed concerns that the Companies' construction work is performed without adequate consideration of the CNY's green infrastructure assets and recommended that the Companies take various steps to address that issue.²⁸¹ The Companies explained why they could not take certain steps recommended by the CNY, but stated that they are willing to coordinate on this issue and discuss additional training.²⁸² Under the Joint Proposal, although the CNY is not a signatory party, the Companies agree to work with the CNY on a process for protecting green infrastructure assets,²⁸³ including identifying a central point of contact for green infrastructure issues such as construction coordination and damage claims. In addition, where possible, the Companies will endeavor to install infrastructure with consideration to the CNY's future implementation of green infrastructure assets.

O. LPP Algorithm

The Joint Proposal provides that KEDNY will continue to apply its risk-based prioritization algorithm to identify and rank segments of LPP to be removed from service. Under the algorithm, where LPP segments have equal risk rankings, priority is given to removing LPP in designated flood zones. KEDNY also will consider methane emission flow rate data as a factor in prioritizing LPP segments for removal. The provisions of the

²⁸¹ Tr. 5455-5458.

²⁸² Tr. 4556-4557.

²⁸³ The green infrastructure assets referenced in the Joint Proposal refer to various practices by the CNY "to 'use or mimic natural systems to manage stormwater runoff' to reduce combined sewer overflows," including "rain gardens, stormwater greenstreets, subsurface detention systems, and permeable paving." Hearing Exhibit 826.

Joint Proposal regarding the LPP risk ranking algorithm are not in dispute. Use of the risk ranking algorithm will benefit ratepayers and the general public by prioritizing efforts to remove LPP segments that present a higher risk to public safety and the environment.

P. Enhanced High Emitter Methane Detection Program

The Joint Proposal provides that the Companies will develop and implement an Enhanced High Emitter Methane Detection Program, using advanced leak detection technology and data analytics (ALD+ Program) to find and remediate the largest system leaks of 10 standard cubic feet per hour or greater for the purpose of reducing methane emissions and preventing loss from the gas distribution system.²⁸⁴ The Joint Proposal also provides that the Companies will hire an advanced leak detection contractor to aid in prioritizing for repair high emission leaks within high-leak concentration areas and will begin advanced leak surveying within 12 months of the Commission's order adopting the terms of the Joint Proposal.²⁸⁵ The Companies also agree to work with EDF in prioritizing high emission leak survey areas, report on survey outcomes, and develop a proposal to expand the ALD+ Program based on data from the first 2 years. Within 30 months of the Program's initiation, the Companies will develop a proposal for expanded application of the Program based on "lessons learned" and discussions with EDF. The enhanced high emitter methane detection program is described in more detail in Appendix 9 to the Joint Proposal.

EDF supports the ALD+ Program and points out that it "will result in quantifiable reductions in methane emissions

²⁸⁴ Joint Proposal, p. 59, Appendix 9.

²⁸⁵ Joint Proposal, pp. 58-59.

from the gas distribution system, contributing to the CLCPA targets in the immediate term.”²⁸⁶ DPS Staff also supports the ALD+ Program.²⁸⁷ By implementing the ALD+ Program and conducting targeted, high emission leak surveys using advanced leak detection technology in the Companies’ gas distribution systems, the ALD+ Program will improve system performance, enhance public safety, and benefit ratepayers. More importantly, this Program is consistent with the emission-reduction objectives of the CLCPA. These provisions of the Joint Proposal are therefore in the public interest.

Q. Leak Detection Pilot Program

The Joint Proposal provides that the Companies will continue to collaborate with EDF on programs to deploy advanced leak detection technology.²⁸⁸ The Companies state that prior collaborations with EDF have allowed them to test and integrate advanced leak technology to combat methane emissions.²⁸⁹

We agree with DPS Staff, the Companies, and EDF that the research and development of advanced leak detection technology will benefit ratepayers and the public through the reduction of methane emissions from the Companies’ gas systems. More importantly, this Program is consistent with the objectives of the CLCPA and therefore is in the public interest.

R. Buried Vent Lines

Under the Joint Proposal, the Companies’ shareholders shall be responsible for the funding of buried vent line

²⁸⁶ EDF Statement in Support of Joint Proposal, p. 7.

²⁸⁷ DPS Staff Statement in Support, p. 82.

²⁸⁸ Companies’ Statement in Support, p. 79.

²⁸⁹ Companies’ Statement in Support, p. 79.

programs. Buried vent lines that are not coated and do not have cathodic protection are more susceptible to corrosion and damage and pose an increased risk for gas migration into a building due to regulator over-pressurization caused by water intrusion or freeze-ups caused by extreme weather.²⁹⁰ Although the Companies originally sought to recover the cost of buried vent line programs in rates, the Joint Proposal adopts DPS Staff's position that shareholders should be responsible for funding the Companies' buried vent line programs.²⁹¹ The Joint Proposal does not preclude the Companies from proposing in future rate proceedings that they recover the costs of buried vent line programs from ratepayers.

S. Plastic Fusion Quality Assurance/Quality Control Re-Digs Inspection Program

Under the Companies' Plastic Fusion Quality Assurance/Quality Control (QA/QC) re-dig programs,²⁹² the Companies expose recently constructed underground facilities and inspect plastic fusions for workmanship and regulatory compliance within 30 days of installation.²⁹³ In testimony, the Companies proposed adopting a recommended practice released by the American Petroleum Institute, under which the Companies would conduct more QA/QC inspections, including more on-site inspections of plastic fusions.²⁹⁴

²⁹⁰ Tr. 3738-3739.

²⁹¹ DPS Staff Statement in Support of Joint Proposal, pp. 83-84.

²⁹² See Case 14-G-0212, Proceeding on Motion of the Commission to Investigate the Practices of Qualifying Persons to Perform Plastic Fusions on Natural Gas Facilities, Order Adopting Further Improvements in Plastic Fusion Practices on Natural Gas Systems (issued May 18, 2018).

²⁹³ Tr. 3718.

²⁹⁴ Tr. 3734.

The Joint Proposal provides that the Companies will defer the commencement of their Plastic Fusion QA/QC re-dig programs until Rate Year 2.²⁹⁵ We agree with DPS Staff that, due to delays and budgetary constraints related to the impacts of the Covid-19 pandemic, delaying commencement of this gas safety-related program until Rate Year 2 is reasonable.²⁹⁶ Moreover, the funding provided for the Companies' Plastic Fusion QA/QC re-dig programs in Rate Year 2 and Rate Year 3 will support the Companies' proposed adoption of a recommended practice that will provide enhanced safety benefits.

T. Construction Safety Inspections

In testimony, the Companies proposed to enhance their contractor safety inspections programs, under which a single inspector is assigned to cover multiple contractor crews, by assigning one inspector to each contractor crew.²⁹⁷ DPS Staff supported the Companies' proposal but recommended that the number of FTEs to be hired be reduced by five percent to reflect the estimated workload at that time.²⁹⁸ The Joint Proposal defers commencement of the Companies' Construction Safety Inspection Program until Rate Year 2, at which time the Companies will work towards a modified 1:1 and 1:2 inspector to contractor crew ratio, depending on the work being inspected, and will work to ensure adequate levels of on-site inspections and oversight for all contractor crews. This provision of the Joint Proposal reasonably accounts for the impacts from the Covid-19 pandemic on contractor work during Rate Year 1 and

²⁹⁵ Joint Proposal, p. 59.

²⁹⁶ DPS Statement in Support of Joint Proposal, p. 84.

²⁹⁷ Tr. 3723.

²⁹⁸ Tr. 4119.

provides for safety enhancements to the Companies' existing inspection programs starting in Rate Year 2.

U. LNG Facility Upgrade

The Joint Proposal provides that, in Rate Year 1, KEDLI will conduct engineering and design studies for the upgrade of its Holtsville LNG facility, and that, in Rate Year 2, KEDNY will conduct such studies for its Greenpoint LNG facility.²⁹⁹ The Companies will submit reports to the Secretary in Rate Year 2 concerning their plans to upgrade those LNG facilities.

The Holtsville and Greenpoint LNG facilities "have been in service for approximately fifty years and require a detailed inspection and overhaul of various tank related systems."³⁰⁰ Although the Companies previously had proposed the detailed inspection and upgrade of one of the two LNG tanks at the Greenpoint facility and the LNG tank at the Holtsville facility, the Companies initially stated that the upgrades could not move forward without the NESE pipeline, asserting that they would be unable to take the LNG tanks out of service for sufficient time to complete the needed repairs absent additional gas capacity from the NESE pipeline.³⁰¹ In response to DPS Staff's request the Companies put forward a reasonable proposal as to how they would address the needed tank work if the NESE Project did not move forward,³⁰² the Companies proposed "a more streamlined and targeted approach to performing inspections and repairs on the tanks" to ensure that the work

²⁹⁹ Joint Proposal, p. 60.

³⁰⁰ Tr. 4682.

³⁰¹ Tr. 4349, 4491.

³⁰² Tr. 4682.

could be performed and the tanks would be in service during the critical winter heating seasons without the NESE Project in place.³⁰³ Sane Energy opposed the Companies' request for funding for the LNG tank work, asserting that extending the use of the LNG facilities would conflict with the CLCPA and New York City Local Law 97 and that plans should be made to shut down the LNG facilities.³⁰⁴

The Companies state that the ability to pursue the LNG facility upgrades during the rate plans is imperative because the Companies maintain on-system supply through those LNG facilities.³⁰⁵ According to the Companies, the Joint Proposal is reasonable because it will provide for further clarity on the need for these LNG facility upgrades without acting as a complete bar to recovery during the rate plans, when the Companies believe the upgrades will be needed. DPS Staff states that the reliable operation of these LNG facilities is critical because they provide peak day gas supply to the Companies' systems.³⁰⁶ DPS Staff asserts that this provision of the Joint Proposal is reasonable given the age of the LNG facilities and the Companies' reliance on these facilities to meet peak customer demand during cold weather.

For the reasons stated by the Companies and DPS Staff, we agree that this provision of the Joint Proposal is reasonable. The engineering and design studies allowed under the Joint Proposal will provide further information regarding upgrades to the Companies LNG facilities in Holtsville and

³⁰³ Tr. 4572-4573.

³⁰⁴ Tr. 5678-5679.

³⁰⁵ Companies' Statement in Support of Joint Proposal, p. 83.

³⁰⁶ DPS Staff Statement in Support of Joint Proposal, p. 86.

Greenpoint and will help to ensure that the Companies perform only those upgrades needed to provide reliable gas service.

V. Inactive Accounts

The Joint Proposal provides that the Companies will continue their process of immediately performing a site analysis on every inactive account - accounts for which the Companies do not have a customer of record for gas service - to determine whether conditions warrant immediately disconnecting service, and, if so, disconnecting the service within 24 hours.³⁰⁷ For sites that do not warrant immediate action, the Companies will continue to resolve inactive accounts within 60 days. Within six months after a Commission order adopting the terms of the Joint Proposal, the Companies will meet with DPS Staff and other interested parties to discuss enhancements to this process. The Companies will be allowed to defer up to \$1.0 million in Rate Year 2, Rate Year 3 and the Stay Out period to fund any agreed upon enhancements, and they must make information filings detailing such enhancements and file annual reports within 60 days of the end of each calendar year.

The Companies testified that, in practice nearly half of KEDNY's and nearly 90 percent of KEDLI's inactive accounts are resolved within the first 15 days and only a small percentage remain inactive between 45 and 60 days.³⁰⁸ In response to DPS Staff's position that the Companies be required to take "immediate and continuous" action to remedy all inactive accounts, the Companies testified that such action was unachievable for various reasons beyond their control, including customer refusals, local building codes and regulations,

³⁰⁷ Joint Proposal, p. 60.

³⁰⁸ Tr. 3824-3825.

exterior and interior obstacles and other safety reasons.³⁰⁹ The Companies proposed in testimony to reduce the 60-day period to 30 days.³¹⁰

The Companies maintain that, even though they believe their existing process safely addresses inactive accounts, the Joint Proposal reasonably facilitates discussion about potential improvements while imposing reporting requirements that will provide DPS Staff with further insight regarding the customers and accounts impacted by the inactive accounts program. DPS Staff states that, while "the reduction from the 60- to 30-day process was not realized due to impacts of the Covid-19 pandemic, the Joint Proposal's recommended meeting, deferral mechanism, and reporting requirements ensure that the Companies commence the initial stages of this transition."³¹¹ In light of the impacts of the Covid-19 pandemic, we agree that the Joint Proposal takes reasonable steps to improve the Companies' treatment of inactive accounts.

W. Additional Safety Programs

Due to the impacts of the Covid-19 pandemic, the Joint Proposal recommends that the following additional gas safety-related programs or program enhancements be delayed until Rate Year 2: (1) Pipeline Safety Management and Damage Prevention Advisor Program enhancements, (2) Instrumentation and Regulation Training and Test Lab Program, (3) Gas Control Standard Operating Procedure Training Program, (4) modified Field Evaluation Training Program, and (5) modified Plastic Fusion in Process Inspection Program. These programs provide a wide array

³⁰⁹ Tr. 3825-3826, 4114-4115.

³¹⁰ Tr. 3726.

³¹¹ DPS Staff Statement in Support of Joint Proposal, p. 87.

of safety benefits, including increased damage prevention stakeholder management, enhanced instrumentation and regulation training, controls standardization, improved emergency response, and real-time feedback on inspections in the field.³¹²

XIV. INFORMATION TECHNOLOGY

National Grid USA Service Company, Inc. (Service Company) owns or leases various assets, including information technology and software, that are used by Service Company employees to provide services to National Grid affiliates or are used by National Grid affiliates on a shared basis.³¹³ For shared assets that the Service Company owns and finances, the Service Company charges National Grid affiliates an asset recovery charge, which is recovered from the Companies in the form of annual rent expense. Rent expense includes the return on, and amortization or depreciation of current information technology (IT) capital investments as well as incremental IT capital investments forecasted for the Rate Years.

In testimony, the Companies proposed a Service Company IT capital expenditures budget of \$243.8 million for the proposed rate year, which included a Technology Modernization Program, Cyber Security Program, SAP S/4 HANA Project, Customer Information System (CIS) Replacement Project, Gas Business Enablement (GBE) Program, and various other IT projects supporting work throughout the Companies.³¹⁴ After recommending the removal of the capital expenditures associated with the CIS project and applying a forecasting adjustment to historical data, DPS Staff recommended a Service Company IT capital

³¹² Tr. 3719-3720, 3729-3730, 3734-3737, 3742-3743, 3744-3746.

³¹³ Tr. 825, 5219.

³¹⁴ Tr. 829-830, 872-876.

expenditures budget of \$129.4 million for the proposed rate year.³¹⁵ The provisions of the Joint Proposal addressing IT capital budgets are discussed below.

A. Information Technology Capital Investment Level

As of March 31, 2020, the Companies' Service Company had an IT capital investment budget balance of approximately \$98.4 million that would be shared between KEDNY and KEDLI.³¹⁶ The Joint Proposal provides for incremental IT capital investments of \$150 million for the Service Company that would be applicable and allocated to the KEDNY and KEDLI separately when the IT investments are placed into service in each of the three Rate Years.³¹⁷ Those amounts do not include costs associated with the Companies' GBE and CIS Programs, which are discussed later. In addition, this provision of the Joint Proposal is not intended to limit the Companies' flexibility during the term of these rate plans to substitute, change, or modify the IT capital projects.

The Companies state that the proposed IT capital budgets reflect a reasonable compromise between the positions advocated by the Companies and DPS Staff and will enable the Companies to pursue "baseline technology, technology modernization, and cyber and physical security projects during the term of the rate plans."³¹⁸ DPS Staff asserts that the incremental IT capital investment levels are reasonable because they fall within the range of amounts proposed by the Companies

³¹⁵ Tr. 998-999.

³¹⁶ Joint Proposal, Appendix 1, Schedule 6 (KEDNY) and Appendix 2, Schedule 6 (KEDLI).

³¹⁷ Joint Proposal, p. 62.

³¹⁸ Companies' Statement in Support of Joint Proposal, p. 86.

and DPS Staff in litigation.³¹⁹ Moreover, in DPS Staff's view, the level of IT investment will allow the Companies to appropriately and adequately invest in needed IT projects.

We agree that the IT capital budgets in the Joint Proposal are reasonable. The IT capital budgets will allow the Companies to provide necessary maintenance and upgrades to IT systems needed to provide safe and adequate gas service and, therefore, are in the public interest.

B. Gas Business Enablement

The GBE Program involves an overhaul of National Grid's IT systems to replace gas business systems that are at or approaching the end of their useful lives.³²⁰ The Commission originally approved the GBE Program in Cases 17-G-0239 and 17-G-0239,³²¹ with a forecasted total budget for the Service Company of \$458.1 million and "program contingency [costs] of \$61 million" that were identified but "were not reflected in rates because they were not sufficiently certain."³²² In litigation, the Companies requested an increase to the service company-level GBE Project budget in the amount of \$57.4 million, or a total of \$515.50 million.³²³ DPS Staff recommended that the Commission

³¹⁹ DPS Staff Statement in Support of Joint Proposal, p. 88.

³²⁰ Tr. 985.

³²¹ Case 17-E-0238 et al., Niagara Mohawk - Electric and Gas Rates, Order Adopting Terms of Joint Proposal and Establishing Electric and Gas Rate Plans (issued March 15, 2018).

³²² Tr. 986, 3400.

³²³ Tr. 3399. The Companies state that this amount excludes \$20.1 million of GBE Program development costs for work in Fiscal Year 2017 for which they are not seeking recovery. Tr. 3422.

continue to approve GBE Program funding at the \$458.1 million cost approved in Case 17-G-0239.³²⁴

Under the Joint Proposal, the Companies' allocated share of GBE Program costs will be based upon service company-level GBE Program costs capped at \$515.50 million over the three-year term of the rate plans.³²⁵ In future rate cases, the Companies may seek recovery of costs for incremental GBE Program investments that would exceed their share based on this cap as long as the incremental costs are justified by incremental benefits. The Companies will file quarterly reports with the Secretary that will address the status of the GBE Program, including the allocation of costs to the Companies and explanations for variances in budgets and actual spending.

In addition, the Joint Proposal provides that the Companies will measure and report annually on six key performance indicators intended to demonstrate the successful delivery of GBE Program capabilities.³²⁶ At the end of fiscal year 2024, the Companies will measure delivery of GBE Program capabilities based on their performance on the fiscal year 2024 key performance indicator targets. The Joint Proposal allows the Companies to use their "outperformance" on any individual target to offset their underperformance on other targets, subject to certain limitations specified on page 65 of the Joint Proposal. If the Companies fail to meet fiscal year 2024 targets, they will record regulatory liabilities in amounts up

³²⁴ DPS Staff Initial Brief, pp. 29-31.

³²⁵ Joint Proposal, p. 63. As noted in the Joint Proposal at page 6, the GBE Program costs reflected in the revenue requirements exceed the costs approved for Niagara Mohawk and reflect in-service dates for the Program that extend beyond those approved for Niagara Mohawk in Cases 17-E-0238 and 17-G-0239.

³²⁶ Joint Proposal, p. 64.

to \$34 million for KEDNY and \$15.9 million for KEDLI, reflecting GBE Program costs related to system enhancements incremental to the replacement of existing systems.

The Companies maintain that the capital budgets for the GBE Program reflect a reasonable compromise of the evidentiary positions advanced by the Companies and DPS Staff.³²⁷ The Companies also state that provisions of the Joint Proposal establishing key performance indicators and financial consequences for failing to meet established targets likely would not have been possible in a litigated case. DPS Staff states that the GBE capital budget cost "is reasonable because this amount is within the initial contingency budget set forth in Case 17-G-0239, and was a reasonable amount of potential program cost increases with the implementation" of such a complex program.³²⁸ DPS Staff asserts that the key performance indicators and potential for the Companies to record regulatory liabilities for failing to meet targets provides protection to ratepayers and incents the Companies to achieve the benefits they assert the GBE Program will provide. We agree and find that the GBE provisions of the Joint Proposal are in the public interest.

C. Customer Information Systems

The Joint Proposal reflects operating expenses in Rate Year 1 of \$1.0 million for KEDNY and \$0.4 million for KEDLI for a new customer information system (CIS). The Joint Proposal does not provide for any CIS-related capital expenditures or for any CIS-related operating expenditures in Rate Year 2 and Rate Year 3. The Joint Proposal also provides that the Companies may

³²⁷ Companies' Statement in Support of Joint Proposal, p. 88.

³²⁸ DPS Staff Statement in Support of Joint Proposal, p. 89.

file a petition with the Commission at any time during these rate plans that sets forth a proposed CIS project and seeks authorization to defer CIS-related development costs. Such a petition must include a detailed description of the projects and related costs, an estimate of the costs the Companies seek to defer, the Companies' sanction papers demonstrating that the project and associated costs have been approved by all required National Grid management, an updated business case, a detailed project implementation timeline, proposed key performance indicators, and the costs and benefits of certain CIS upgrades recommended by PULP in testimony.³²⁹

In testimony, the Companies requested authority to completely replace their CIS legacy systems, both of which have been in use for 20 to 30 years.³³⁰ DPS Staff - joined by PULP and AARP NY -- recommended that the Companies be required to request CIS-replacement costs through a separate petition supported by a fully-sanctioned and well-developed CIS Program plan when that information became available to ensure that CIS Program plan projects would be on time and on budget.³³¹ The CIS provisions of the Joint Proposal essentially adopt DPS Staff's position and also respond to the concerns raised by PULP in testimony.

³²⁹ PULP testified that, as part of updating and improving their IT systems, the Companies should pursue the development of an application that tracks the public assistance status of customers and reports such status to them in "real time" through their "e-Billing portals (in the case of electronic billing customers) and through the mail anytime there is an update/change for non-electronic billing customers." Tr. 1678. PULP also asserted that the Companies should make available at least six years of detailed billing data to residential customers as soon as they enroll in e-Billing. Id.

³³⁰ Tr. 1116-1118.

³³¹ Tr. 1452-1460.

The Companies state that the resolution of the CIS issues as set forth in the Joint Proposal is a reasonable compromise that should be adopted. DPS Staff maintains that the "CIS provision of the Joint Proposal is reasonable because it seeks to balance the need for a new CIS to replace outdated, problematic legacy systems with the need to ensure customers are adequately protected and the project is delivered successfully, on budget, and on time."³³² As stated by DPS Staff, requiring the Companies to file a petition to proceed with new CIS projects will provide transparency for all stakeholders and will ensure that CIS projects are evaluated in light of necessary information to ensure that CIS projects are vetted, planned and managed appropriately. The Joint Proposal's CIS provisions protect ratepayers and are in the public interest.

D. IT and GBE Net Utility Plant and Depreciation Expense Reconciliation Mechanism

Under the Joint Proposal, the Companies will implement a downward-only IT and GBE Net Utility Plant and Depreciation Expense Reconciliation Mechanism.³³³ Each Rate Year, the Companies will reconcile their respective actual IT and GBE Program average net utility plant and depreciation expense revenue requirements to the forecast IT and GBE revenue requirements of \$19.6 million in Rate Year 1, \$20.9 million in Rate Year 2, and \$33 million in Rate Year 3 for KENY and \$11.1 million in Rate Year 1, \$17.5 million in Rate Year 2, and \$20.5 million in Rate Year 3 for KEDLI. The difference between the actual and forecasted amounts will be carried forward for each Rate Year and summed up at the end of Rate Year 3. At that time, if the cumulative actual IT and GBE Program average net

³³² DPS Staff Statement in Support of Joint Proposal, p. 91.

³³³ Joint Proposal, p. 68.

utility and plant and depreciation expense revenue requirements are negative, the Companies will defer the revenue requirement impact for the benefit of ratepayers. There will be no deferral if the cumulative actual IT and GBE Program average net utility and plant and depreciation expense revenue requirements are positive.

In testimony, DPS Staff recommended a downward-only IT and GBE Net Utility Plant and Depreciation Expense reconciliation mechanism to address DPS Staff's concerns about the Companies' ability to spend their proposed IT and GBE budgets and complete IT and GBE projects in a timely manner.³³⁴ Although the Companies initially asserted that such a reconciliation mechanism was not appropriate in a one-year litigated rate case, they later agreed to a downward-only reconciliation mechanism with regard to Service Company IT rent expense only.³³⁵

The Joint Proposal adopts the downward-only reconciliation mechanism for both IT and GBE expense and are predicated on forecasted revenue requirements for net utility plant and depreciation expense that are not contested. The Companies assert "this provision represents a significant concession" on their part.³³⁶ As recognized by the Companies and DPS Staff, the downward-only reconciliation mechanism for both IT and GBE expense protects ratepayers from paying delivery rates higher than necessary to support the IT assets actually implemented by the Companies. We find the downward-only reconciliation mechanism for IT and GBE expense to be reasonable and in the public interest.

³³⁴ Tr. 1006-1010.

³³⁵ Tr. 910-914.

³³⁶ Companies' Statement in Support of Joint Proposal, p. 89.

E. IT Capital Budgeting and Reporting

The Joint Proposal recognizes that the Companies' IT reporting requirements require further development so that their annual and quarterly reports will provide information that allows for easy monitoring and understanding of the status and progress of any individual IT project and enables full comprehension of the Companies' entire IT portfolios.³³⁷ Specifically, the Joint Proposal provides that, within 60 days of the issuance of a Commission order adopting the terms of the Joint Proposal, the Companies and Staff will begin a collaborative to develop modified and improved IT annual and quarterly reporting requirements. No later than 90 days prior to the start of Rate Year 3, the Companies will file with the Secretary a report describing the reporting requirements agreed to through the collaborative process. The expectations and minimum requirements for the modified reporting requirements are set forth at pages 70-71 of the Joint Proposal.

Once a reporting format is developed through the collaborative process established in the Joint Proposal, the Companies shall file with the Secretary an annual report prior to the beginning of each Rate Year and quarterly variance reports within 60 days after the end of each Rate Year quarter. Starting in October 2021, the Companies will meet with DPS Staff on a semi-annual basis to discuss several topics, including budgeted and actual spending to date, status update on ongoing projects, proposed projects for the next six months, cybersecurity projects, and the status of the sanctioning and partial sanctioning of cybersecurity projects. Beginning with the first semi-annual meeting, the Companies will work with DPS Staff to develop mutually agreeable sanction paper enhancements

³³⁷ Joint Proposal, pp. 69-70.

needed to justify IT investments and allow for adequate review. At a minimum, such enhancements will include information that more fully supports the Companies' costs estimates and indicate whether the project was the minimum-cost alternative.

The collaborative process described in the Joint Proposal will result in reporting requirements that will enable DSP Staff and other parties to better understand the Companies' IT projects, budgets and IT portfolios. The sanction paper enhancements will allow DPS Staff to review IT projects more efficiently with respect to how the Companies develop and justify IT project costs and will provide more information on cybersecurity projects. This provision of the Joint Proposal is reasonable and should be adopted.

1. IT Project Approvals

Under the Joint Proposal, the "National Grid New York Chief Financial Officer, or successor with ultimate responsibility for IT projects and services in whole or in part for the New York jurisdiction, will be required to approve or disapprove any newly proposed IT project business case before the project can proceed."³³⁸ In addition, such officer and any relevant sanctioning body for IT projects must review project closure papers and include a summary of their review in the IT report for the last quarter of each Rate Year. We agree with DPS Staff that this provision reasonably adds a layer of corporate accountability for IT projects that should improve the Companies' management of their IT portfolios.³³⁹

2. Key Performance Indicators

In its initial testimony, DPS Staff proposed that the Companies develop Key Performance Indicators (KPIs) to track and

³³⁸ Joint Proposal, p. 72.

³³⁹ DPS Staff Statement in Support of Joint Proposal, p. 95.

quantify benefits stated in sanction papers and compare and report on the actual benefits relative to the Companies' original proposals.³⁴⁰ The Companies responded that creating KPIs for sanction papers "would require substantial resources and time to develop and track" and that there is less of a basis for performance benchmarks in a one-year rate plan.³⁴¹ The Joint Proposal provides that, within six month of the issuance of a Commission order adopting the terms of the Joint Proposal, the Companies will modify their IT sanctioning papers to include KPIs and will implement on-time/on-cost KPIs that will be reported quarterly on a portfolio basis.³⁴² The Companies also agree to work with DPS Staff to determine whether different or additional information would be useful to include in the quarterly reports. The implementation of KPIs will allow the Companies and DPS Staff to better track whether each IT project is implemented on time and within cost.

XV. GAS SAFETY PERFORMANCE METRICS

The Joint Proposal contains gas safety performance targets for the replacement of LPP, reductions to leak backlogs, prevention of pipeline damage, timing of emergency response, and compliance with regulatory safety requirements. The Companies' performance will be measured against the metrics each calendar year. The Joint Proposal provides for the consolidation of certain metrics and redistribution of negative revenue adjustments (NRAs) to better align the metrics with those previously adopted for other regulated utilities. The Companies each will continue to be subject to NRAs in the amount of up to

³⁴⁰ Tr. 1010.

³⁴¹ Tr. 903.

³⁴² Joint Proposal, p. 72.

150 pre-tax basis points based upon their performance under the metrics. Incurred NRAs will be deferred for future disposition and the metrics will continue until modified by the Commission.

A. Leak Prone Pipe Replacement

The Joint Proposal sets targets for each calendar year in addition to cumulative targets for LPP removal, establishes an NRA of 15 basis points for failing to remove the targeted miles of LPP, an increase relative to the NRAs of eight basis points approved in 2016 Rate Order, and discontinues positive revenue adjustments (PRAs) associated with removal of LPP above stated thresholds.³⁴³ In consideration of potential impacts related to the Covid-19 pandemic, the Joint Proposal provides that the Companies will have met their targets in calendar year 2020 if the targeted length of main is installed and energized but customer services are not yet connected.³⁴⁴

To reduce the Companies' revenue requirements to mitigate customer bill impacts, particularly due to the economic impacts of the Covid-19 pandemic,³⁴⁵ the Joint Proposal reduces the ongoing LPP removal targets from those included in the 2016 Rate Order. Consistency with the 2016 Rate Order would have required KEDNY to remove a minimum of 65 miles of LPP and KEDLI to remove a minimum of 155 miles of LPP annually. Under the Joint Proposal, KEDNY will remove a minimum of 38 miles of LPP in 2020, 45 miles in 2021, 45 miles in 2022, 41 miles in 2023, and a cumulative total of 194 miles for calendar years 2020 through 2023. KEDLI will remove a minimum of 101 miles of LPP in 2020, 116 miles in 2020, 116 miles in 2022, 114 miles in

³⁴³ Joint Proposal, p. 108.

³⁴⁴ Joint Proposal, p. 109.

³⁴⁵ Hearing Exhibit 830, Response to ALJ-15.

2023, and a cumulative total of 477 miles for calendar years 2020 through 2023.

B. Leak Management

The Joint Proposal provides for total and repairable leak backlog targets and leak management and an increase in the pre-tax basis points at risk annually for both metrics.³⁴⁶ The Companies will incur negative revenue adjustments if they fail to achieve year-end leak backlog targets for workable leaks and for all leaks. The Joint Proposal recommends a reduction in the annual total leak targets of 150 for KEDNY and 750 for KEDLI each year through 2023 and that the annual reductions continue until changed by the Commission. The Joint Proposal provides that the Companies will have met the annual backlog targets if the target is achieved any time within the last 10 days of the respective calendar years and leaks failing recheck inspections will be re-incorporated into the backlog.³⁴⁷

The Joint Proposal also provides for PRAs related to leak management. For every 100 additional leaks repaired beyond the Total Leaks target in a calendar year, each Company will earn a positive revenue adjustment of two basis points. This incentive is capped at six basis points. If a Company earns a PRA in a calendar year, the successive annual target will be reduced (i.e., more stringent). The Joint Proposal provides

³⁴⁶ Joint Proposal, pp. 109-110.

³⁴⁷ Joint Proposal, p. 110.

that no positive revenue adjustment can be earned for calendar year 2020.³⁴⁸

Through the Joint Proposal, the Companies have committed to working collaboratively with EDF and other interested parties to ensure that the best metric(s) are developed and employed to incentivize the identification of all discoverable leaks using available technologies. The Joint Proposal also provides for annual reporting of the leaks eliminated and their associated costs.³⁴⁹

C. Damage Prevention

The Joint Proposal recommends that the Companies be made subject to NRAs of up to 20 basis points or PRAs of up to 10 basis points for damage prevention performance within the proposed targets. The proposal represents an increase of basis points at risk for the damage prevention metric and the Companies will be held to more challenging targets year over year during the term of the rate plans. The Joint Proposal provides that Companies cannot earn a PRA for calendar year 2020. The Joint Proposal requires the Companies to collect damage data and compute damage performance in accordance with the criteria for the Gas Safety Performance Measures Report and to regularly convene meetings among gas operators, Gas Safety Staff, New York's one-call center and other interested parties

³⁴⁸ Joint Proposal, p. 110. "For example, if KEDNY were to repair an additional 113 leaks in CY21, it would earn two basis points, the CY22 target would be reduced to 1,550, the CY23 target would be reduced to 1,400, the CY24 target would be reduced to 1,250, and the 13 additional leaks would be carried over to CY22's leak backlog performance." Id.

³⁴⁹ Joint Proposal, pp. 110-111.

to discuss damage prevention reports, including timely processing of "relocate" tickets.³⁵⁰

D. Emergency Response

The Joint Proposal recommends adoption of a negative revenue adjustment if the Companies fail to meet the leak and odor call response targets. The emergency response metric targets and incentives are like those established in the prior rate plan, but the basis points at risk have been doubled from 12 to 25 points annually. The Joint Proposal also provides for the potential of a PRA of up to six basis points in calendar year 2021 and calendar year 2022 but no possibility of a PRA in calendar year 2020. The Joint Proposal states that instances of 20 or more odor calls in a two-hour period resulting from a mass area odor issue not caused by the Company can be excluded from the measure of this metric. Such an exclusion is contingent upon DPS Staff's consent and the Company must provide notification to Staff (through an email to safety@dps.ny.gov) within seven days after such events.

E. Gas Safety Regulations Performance Metric

The Joint Proposal proposes adoption of NRAs for violations of certain gas safety regulations identified during Staff's field and records audits. Although the Joint Proposal recommends that the basis points at risk annually for the gas safety regulations performance metric be decreased from 100 to 75, it expands the list of violations subject to the measure, including the addition of numerous LNG regulations. Further, the Commission retains the right to commence potential penalty

³⁵⁰ Joint Proposal, pp. 111-112.

proceedings under PSL 25 and 25-a for violations not subject to the metric.³⁵¹

The Joint Proposal recommends that this metric apply to DPS Staff's audits related to the Companies' compliance with the regulations applicable to LNG operations³⁵² beginning with the calendar year 2023 audit of calendar year 2022 performance. The Joint Proposal states that each Company will be assessed NRAs for each high risk and other risk violation, up to a maximum of 75 basis points per calendar year. The Joint Proposal also recommends that the NRAs be capped at 10 per audit type (Field or Record) per calendar year. The Companies will be required to provide DPS Staff, within 90 days of Staff's audit letter, a compliance improvement plan that contains: a root cause analysis of its compliance deficiency; and a proposed mitigation plan to address future performance if either are individually cited for more than ten occurrences of noncompliance with a particular high risk or other risk regulation in a calendar year. The Joint Proposal provides that the total NRA incurred will be deferred for future use to fund gas safety and compliance improvement programs. The Companies and Staff will develop mutually agreeable program scopes and timelines for these safety and compliance programs, which will be submitted to the Commission for its review. The Companies will submit regular status reports on the programs and funds expended.³⁵³

³⁵¹ Joint Proposal, pp. 113-115. See Appendix 8 for a list of gas safety regulations pertaining to this metric.

³⁵² See Title 49 of the Code of Federal Regulations

³⁵³ Joint Proposal, pp. 114-115.

F. Gas Safety Reporting and Exceptions

The Joint Proposal requires the Companies to report their annual performance in each of the metrics to the Secretary to the Commission no later than April 1st of the following calendar year. Because the Companies filed their 2020 annual gas safety performance metrics report using the metrics that would have been in place under the 2016 Rate Order, the Companies will refile that report within 45 days after the issuance of this Order to reflect the new 2020 calendar year targets established here.³⁵⁴

Discussion

The Joint Proposal's gas performance mechanisms are designed to provide financial incentives to motivate the Companies to continue to provide safe and adequate service to their customers. These are well-recognized incentives that have been employed by the Commission in other rate cases. The performance mechanisms outlined in the Joint Proposal benefit customers and are in the public interest because they are designed to promote gas safety and reliability.

The metrics established are reasonable. Although the LPP removal targets have been reduced from the 2016 Rate Order, such an adjustment is appropriate given the impact of the Covid-19 pandemic on the Companies' ability to perform LPP removal work and to make rates more affordable while the economy recovers. Meanwhile, the reliance on methane flow data to prioritize LPP removal as described in Joint Proposal section

³⁵⁴ Joint Proposal, pp. 106 -108. The Joint Proposal notes that the Signatory Parties agree that if the Commission takes action related to gas safety performance metrics in Case 20-M-0266, Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service, or any similar proceeding, the Commission's determination in that proceeding will be controlling. Id., p. 108.

5.16 helps ensure that the LPP that is replaced is of significant environmental and distribution system benefit. We will revisit the proper level of LPP replacement in the Companies' next rate case.

The repairable leak and leak backlog metrics encourage the Company to exceed the established targets and the revenue adjustment incentives accelerate the Company's progress every year. The metrics, in addition to improving system safety, can result in lower methane emissions from leaking and leak-prone pipes, providing an important environmental benefit. Leaking methane is an important contributor to the climate crisis and the metric adopted here, in addition to the Companies' commitment to work with EDF and other parties to improve the leak repair and detection metric are important aspects of the Joint Proposal.

The Joint Proposal's emergency response metrics are designed to decrease the time for the Company's qualified responders to answer emergency calls and investigate and resolve problems. This benefits the public as the design of the metric helps assure the public that urgent issues are addressed quickly. The Joint Proposal's tiered damages prevention metric is similarly beneficial to the public because it requires the Company to achieve high overall levels of prevention.

The metrics to reduce regulatory violations correctly balances the importance of compliance with limiting the Company's exposure for multiple violations of the same regulation. This metric does not change the Company's obligations because more than ten violations of any given regulation not captured in this metric may still be subject to the development of a corrective action order or a penalty action under PSL §§25 and 25-a. Finally, we find the proposed changes to the distribution of NRAs provide meaningful penalties across

all metrics and better align the Companies' metrics with targets adopted as part of rate plans for other gas utilities in New York State.

The Joint Proposal establishes appropriate targets as well as meaningful economic consequences to the Companies for failing to meet those targets. The gas safety performance metrics are in the public interest and we approve and adopt them.

XVI. FUTURE OF HEAT

A. Energy Efficiency

The Commission has provided specific Energy Efficiency authorization and directives in numerous orders. Most recently, the Commission adopted enhanced efficiency targets and budgets for all the state's major utilities, as well as addressing several implementation issues, in the 2020 NE:NY Order.³⁵⁵ The 2020 NE:NY Order scales up energy efficiency targets and budgets dramatically, while retaining budget boundaries to ensure cost containment.³⁵⁶ Where an issue was not addressed by the 2020 NE:NY Order, but had been specifically addressed in a previous Commission order, those orders are binding unless otherwise inconsistent (either specifically or practically) with provisions of a subsequent order.

1. Budgets and Reconciliation Mechanism

The Joint Proposal adopts the targets and budgets specified for the Companies in the 2020 NE:NY Order.³⁵⁷ In accordance with Commission policy, the Companies will move all energy efficiency costs from their System Benefits Charge into

³⁵⁵ Case 18-M-0084, supra, 2020 NE:NY Order.

³⁵⁶ 2020 NE:NY Order, p. 4.

³⁵⁷ Joint Proposal, p. 72; Appendices 6 and 7, Schedule 11, p. 2.

base delivery rates as of the beginning of Rate Year 1.³⁵⁸ The energy efficiency costs included in base rates are approximately \$18.8 million, \$22 million, and \$28.4 million for KEDNY and \$10.9 million, \$16.3 million, and \$21.7 million, for Rate Years 1 through 3, respectively.

Moreover, as required in the March 2018 ETIP Order, the Joint Proposal provides that energy efficiency costs will be subject to a downward-only reconciliation mechanism under which unspent energy efficiency funds are carried forward during the course of the rate plans, with under-expenditures existing at the end of Rate Year 3 to be used for other Commission-authorized energy efficiency programs in subsequent years or deferred for Commission disposition.³⁵⁹ The reconciliation will apply to each of the Company's aggregate total energy efficiency spending, not to individual programs, and the Companies will retain the flexibility to shift funds within their respective energy efficiency program portfolios.

For any Commission-approved energy efficiency costs not already included in base rates, the Demand Capacity Surcharge mechanism implemented in Rate Year 2 will enable the Companies to recover 50 percent of a forecast of incremental costs in Rate Year 2.³⁶⁰

After Rate Year 2, the Demand Capacity Surcharge will allow the Companies to recover the difference between actual

³⁵⁸ Case 15-M-0252, Utility Energy Efficiency Programs, Order Authorizing Utility-Administered Energy Efficiency Portfolio Budgets and Targets for 2019-2020 (issued March 15, 2018), pp. 4, 23 (the March 2018 ETIP Order)

³⁵⁹ As required by the March 2018 ETIP Order, the downward reconciliations will occur annually during any "Stay-Out" period following the term of the rate plans. Joint Proposal, p. 73.

³⁶⁰ Joint Proposal, p. 34

costs and the 50 percent of the remaining costs incurred in the previous Rate Year including carrying charges, as well as 50 percent of the costs forecast to be incurred in the year in which the Demand Capacity Surcharge mechanism will be in effect. This allows the Companies to recover the funds authorized under the 2020 NE:NY Order more rapidly to assist with addressing the capacity issues identified in Case 19-G-0678. The recovery of incremental energy efficiency program costs will be capped at the cumulative 2019-2025 budget adopted in the 2020 NE:NY Order.³⁶¹ Accordingly, the Joint Proposal contains mechanisms that allow the acceleration of the energy efficiency programs delivered in the Companies' service territories while maintaining the 2020 NE:NY Order's focus on achieving aggressive energy efficiency targets while constraining impacts on customer bills.

2. Unspent Energy Efficiency Funds

The Joint Proposal provides that the Companies shall use any previously-recovered unspent funds associated with the Energy Efficiency Portfolio Standard, ETIP, or interest accrued on the NYSERDA Clean Energy Fund Bill As You Go programs, plus any other associated interest to offset the Companies' Energy Efficiency program costs during the term of the rate plans.³⁶² This provision of the Joint Proposal is consistent with the 2020 NE:NY Order, which stated that all available uncommitted and unspent utility energy efficiency funds generally should be used

³⁶¹ If the Commission authorizes additional energy efficiency budget amounts during the term of these rate plans, the cap for the recovery of energy efficiency costs through the Demand Capacity Surcharge mechanism will be upheld accordingly. Joint Proposal, p. 35.

³⁶² Joint Proposal, p. 73.

to mitigate the impacts of the energy efficiency portfolio budgets authorized in that Order.³⁶³

3. KEDLI HEAT Program

NYSERDA administers the EmPower program for low-income customers, which is funded through a surcharge on electric service. Because the surcharge is not collected from LIPA, and KEDLI's service territory overlaps with LIPA's service territory, KEDLI's customers are not eligible to participate in NYSERDA's Empower program. KEDLI operates an EmPower replacement program, also known as "HEAT."

The Joint Proposal adopts KEDLI's proposal in testimony, supported by DPS Staff, to increase the HEAT program's annual budget from \$1.9 million to \$2.5 million and to expand the program to reach moderate income customers.³⁶⁴ As recommended by DPS Staff in testimony, the \$2.5 million annual amount will be incremental to the energy efficiency budgets established in the 2020 NE:NY Order.³⁶⁵ In addition, the HEAT program will be implemented in accordance with the Statewide Low- and Moderate-Income (LMI) programs developed in Case 18-M-0084.

Discussion

These provisions of the Joint Proposal are consistent with Commission orders addressing energy efficiency programs and with the State's long-term clean energy goals as established in the CLCPA. The Joint Proposal takes necessary steps to address climate change, reduce the need for additional gas infrastructure, and improve affordability for the Companies' LMI customers. Although certain parties would prefer that even more

³⁶³ 2020 NE:NY Order, p. 66.

³⁶⁴ Tr. 54-55, 678.

³⁶⁵ Tr. 679.

aggressive energy efficiency targets be established, the Commission must establish energy efficiency targets that consider the costs to ratepayers and is addressing energy efficiency targets on a State-wide basis in Case 18-M-0084. We therefore approve and adopt these provisions of the Joint Proposal.

B. Utility Energy Service Contract Program

The Joint Proposal provides that, beginning in Rate Year 2, the Companies will be permitted to earn a Platform Service Revenue (PSR) Fee equal to 20 percent of the revenue in excess of program costs derived from the Companies' Utility Energy Services Contract Program (UESC Program).³⁶⁶ The UESC Program began in 2011 and involves limited-source contracts with customers, typically government agencies and other large commercial entities, for energy management services and improvements to help analyze current energy usage, identify opportunities for improvement, and work with pre-selected contractors to achieve efficiencies, reduce costs, and adopt renewable energy systems, with the goal of gas savings.³⁶⁷

Among other things, the Companies proposed a PSR fee for fees received from participants who enter into a UESC contract with the Companies to implement the feasibility study findings.³⁶⁸ The Companies proposed that they retain one-third of the fees received from UESC program participants and defer

³⁶⁶ Joint Proposal, p. 74. As relevant here, PSRs are revenues earned by utilities through their provision of distributed-system platform services. Case 14-M-0101, Reforming the Energy Vision, Order adopting a Ratemaking and Utility Revenue Model Policy Framework (issued May 19, 2016) (REV Track Two Order), pp. 12, 24.

³⁶⁷ Tr. 59-60, 204-205.

³⁶⁸ Tr. 60.

the remaining two-thirds for future credit to ratepayers.³⁶⁹ The Companies maintained that their retention of that percentage as a PSR fee was warranted because the Companies were taking additional marketing and feasibility management efforts without a guarantee that such efforts would result in customers entering into a UESC contract to implement the improvements identified in the feasibility study.³⁷⁰ The Companies also claimed that "the enhanced value achieved towards the State's energy goals" through the UESC program "should be compensated above the typical 20 percent share."³⁷¹

DPS Staff recommended in testimony that the UESC Program be incorporated into the Companies' existing energy efficiency portfolios and funded out of the Companies' overall energy efficiency budgets.³⁷² DPS Staff also recommended that, under the REV Track Two Order, the PSR Fee be calculated at no greater than 20 percent of the net revenues generated by the UESC Program, stating that a higher percentage amount was not warranted because the UESC Program was funded through rates and did not put any shareholder funds at risk.³⁷³ DPS Staff explained that its recommended PSR Fee would reward the Companies only if the UESC Program produces fees from participants in excess of what it costs ratepayers for the Companies to operate the program.

As DPS Staff states, the "Joint Proposal closely follows the positions advocated by Staff and will provide the Companies with an additional earning opportunity through the

³⁶⁹ Tr. 142.

³⁷⁰ Tr. 142-143.

³⁷¹ Tr. 205.

³⁷² Tr. 683-684.

³⁷³ Tr. 598-600.

UESC that is consistent with Commission guidance and precedent, as well as ensure that the Companies' shareholders are rewarded commensurate with the benefits that inure to customers."³⁷⁴ The Companies will fund the UESC Program with funds established for energy efficiency programs.³⁷⁵ We find that this provision of the Joint Proposal is reasonable and appropriately rewards the Companies only after they recover the costs to operate the UESC Program.

C. Distribution-Level Demand Response Costs

In the 2016 Rate Order, the Commission approved the Companies' Demand Response Demonstration Project, which provided market-based credits to commercial firm customers who agree to reduce their gas usage by a pre-determined minimum amount during peak demand when called upon to do so by either KEDNY or KEDLI.³⁷⁶ In testimony, the Companies proposed to expand the Demand Response Project by continuing to market it to firm gas delivery customers that meet minimum annual demand values and

³⁷⁴ DPS Staff Statement in Support of Joint Proposal, p. 101

³⁷⁵ See Joint Proposal, Appendices 1 and 2, Schedule 1, p. 6 (adjusting "other initiatives" revenue requirements to reflect UESC costs being funded through Energy Efficiency Transition Implementation Plan funds).

³⁷⁶ Tr. 67-68. Sixteen customers initially participated in the program, but one has since withdrawn. To be eligible, customers must consume at least 6,000 Dth per year for KEDNY and 4,000 Dth per year for KEDLI, and commit to reducing demand over the duration of a peak event by at least two Dth per hour. Tr. 71-72. The customer's committed reduction must be greater than 10 percent of either the customer's usage during a peak period or the sum of the nameplate requirements of the customer, whichever is less. During its first two years, the program has resulted in reductions of 192 Dth and 241 Dth per hour of nameplate capacity, respectively. Tr. 68-69; Hearing Exhibit 41.

will agree to reduction amounts during peak demand.³⁷⁷ The Companies will continue providing credits to demand response participants, incentivize reductions in excess of the committed minimum at a prorated amount, and penalize customers who fail to respond or fail to meet their minimum committed reductions.³⁷⁸ The Joint Proposal provides that the Companies will recover the non-labor O&M costs associated with their distribution-level demand programs through the Demand Response O&M Component of the DRA.

The Joint Proposal resolves an issue between the Companies and DPS Staff regarding the recovery of costs for the distribution-level demand response programs. Initially, the Companies proposed to recover all costs in base rates, including non-labor O&M (such as customer incentive payments). Stating that non-labor O&M costs of the demand response programs are uncertain, DPS Staff recommended that such costs be recovered through a surcharge rather than base rates.³⁷⁹ Although the Companies opposed the surcharge approach for non-labor O&M costs because of the lag in cost recovery, the Companies and DPS Staff ultimately agreed that such costs should be recovered through the DRA mechanism, which is reflected in the Joint Proposal.³⁸⁰

There is no dispute with respect to the Companies' expansion of the distribution-level demand response programs or with their recovery of non-labor O&M costs through the DRA

³⁷⁷ Tr. 69-70. Hearing Exhibit 39, Schedule 5.

³⁷⁸ Tr. 70. In its initial brief, Estates NY asserted that demand response programs are an effective way to reduce the overall amount of fossil fuels consumed and supports the expansion of the Companies' program to address capacity issues and reach the goals of the State and the City to reduce carbon emissions. Estates NY Initial Brief, pp. 6-7.

³⁷⁹ Tr. 694-695.

³⁸⁰ Tr. 169; DPS Initial Brief, p. 195.

mechanism, which is consistent with cost recovery in other demand response programs in New York. The demand response program can reduce peak demand and associated carbon emissions in the Companies' service territory and thereby serve the State's energy efficiency goals. Accordingly, we find this provision of the Joint Proposal to be reasonable and adopt it.

D. Online Fuel Switching Calculator

The Joint Proposal provides that, in Rate Year 2, the Companies will provide customers with a web-based fuel switching calculator that would inform customers about the energy savings and financial impacts associated with switching from the customer's existing fuel source to an alternative fuel source, including natural gas, renewable gas, and geothermal heat pumps.³⁸¹ The calculator would provide customers with a side-by-side comparison of estimated annual cost, payback period, available incentives, tax credits, conversion costs, and annual fuel savings.³⁸² Consistent with DPS Staff's litigated position, the Joint Proposal provides that the cost allocation contained in the Companies' revenue requirements reflects that the costs for the online fuel switching calculator be allocated to all National Grid affiliates that provide comparable gas distribution services.³⁸³

DPS Staff supports the Companies' implementation of the online fuel switching calculator and no party opposes it. The online fuel switching calculator will enable the Companies' customers to evaluate different heating options and make more informed energy decisions when choosing or replacing the energy

³⁸¹ Joint Proposal, p. 74; Tr. 63.

³⁸² Tr. 685.

³⁸³ Tr. 686.

equipment in their homes. Moreover, the Joint Proposal properly reflects an allocation of costs among all National Grid affiliates that could use the online fuel switching calculator to inform their customers. Accordingly, we adopt this provision of the Joint Proposal.

E. Reducing Billed Gas Usage/Non-Pipe Alternatives

The Joint Proposal provides that the Companies will operate their gas networks with the objective of reducing gas usage, normalized for temperature, in their service territories over the term of the rate plans.³⁸⁴ Specifically, the Companies will seek to achieve weather-adjusted reductions of 0.5 percent in billed gas usage as compared to the forecast levels of 1,699 therms for KEDNY and 1,249 million therms for KEDLI in Rate Year 2 and 1,726 million therms for KEDNY and 1,295 million therms for KEDLI in Rate Year 3. The Companies will pursue incremental energy efficiency programs, demand response, non-gas NPA projects, geothermal/electrification, and other initiatives to achieve the stated reductions. The Companies will report on their progress on these gas usage reduction goals in their semi-annual non-infrastructure filings. In addition, before the end of Rate Year 3, the Companies will file a report that assesses the energy efficiency and other non-infrastructure programs necessary to achieve climate appropriate reductions in billed gas usage in future years.

The Companies' commitments to reduce gas usage in their service territories were not addressed in the parties' litigated positions and result only from the extensive settlement negotiations in these proceedings. AGREE and Sane Energy note that the Companies' gas sales are still forecasted

³⁸⁴ Joint Proposal, p. 75.

to increase even with the 0.5 percent target reduction. NY Geo and EDF state that the reductions in billed gas usage will need to be revised in the future to meet CLCPA goals; however, both of those parties recognize that the Joint Proposal provides a vital first step in the process that advances New York climate goals.³⁸⁵

The PSL requires the Companies to meet growing demand and provide natural gas service to current and future customers. The Companies project a growth in natural gas usage over the terms of these rate plans and, contrary to the arguments made by AGREE in opposition to the Joint Proposal, we do not find those projections to be improper.³⁸⁶ Whether and how much natural gas usage actually increases in the Companies' service territories does not turn solely on actions taken by the Companies, but depends in large measure on their customers' adoption of the energy efficiency and demand response programs offered by the Companies and the use of electrification instead of natural gas. We approve and adopt this provision of the Joint Proposal, under which the Companies will seek to reduce billed gas usage by 0.5 percent as compared to their projections for Rate Years 2 and 3, as an appropriate step in reducing gas usage within the Companies' service territories.

1. Treatment of Gas Expansion Programs

The Joint Proposal states that the Companies have ceased all gas promotional and rebate programs and marketing for new gas connections, including any customer rebates for heating

³⁸⁵ NY Geo Statement in Support of Joint Proposal, p. 2; EDF Statement in Support of Joint Proposal, p. 15.

³⁸⁶ AGREE Statement in Opposition to Joint Proposal, pp. 6-10. As stated in DPS Staff's Reply Statement in Support of the Joint Proposal at pages 10-11, the Companies' forecasts appropriately reflect what the Companies determine is likely to occur, which includes the increasing demand for gas.

oil-to-gas conversions or new gas customers, and will not resume such activities during the term of the rate plans.³⁸⁷ Within six months of the issuance of this Order, the Companies will modify their website, customer mailings, emails and marketing materials to remove any reference to gas conversion promotional or rebate programs. The Companies will provide information to customers on gas safety and energy efficiency programs at the MetroTech Sustainability Hub located in Brooklyn and their customer offices. The Companies also will provide information on their website regarding the emission reduction and energy efficiency goals of the CLCPA and New York City Local Law 97.

This provision of the Joint Proposal supports the Companies' commitment to reducing gas usage in their service territories, promotes the ambitious climate-related policy goals reflected in the CLCPA and Local Law 97, and is similar to the gas marketing provisions approved in Cases 19-G-0379 and 19-G-0381.³⁸⁸ We therefore approve of and adopt this provision with the understanding that, while this provision ends the Companies' respective marketing programs, it does not constrain the Companies from its activities in responding to customer inquiries about service options or requests for service, particularly, but not limited to, those requests that implicate the Companies' obligation to serve.

2. Alternative Heating Options

Under the Joint Proposal, the Companies commit to developing educational materials that will inform customers of alternative heating options, including air- and ground-source heat pumps and district geothermal heating systems.³⁸⁹ In

³⁸⁷ Joint Proposal, pp. 75-76.

³⁸⁸ Cases 19-G-0379 et al., supra, pp. 118-119.

³⁸⁹ Joint Proposal, pp. 76-77.

addition, the Companies will add these options to any materials showing the comparative advantages of one fuel choice or option over another, highlighting federal and state incentives. The Companies also will provide prospective customers with information on organizations and initiatives providing alternative heating options in their service territories and will refer customers to NYSERDA's website for information on available heat pump programs. Finally, the Companies will work with CNY, PSEG-LI, LIPA, and Con Edison to promote programs supporting electrification.

This provision of the Joint Proposal will ensure that customers in the Companies' service territories receive information about non-gas heating options, including air- and ground-source heat pumps and district geothermal heating systems, thereby promoting the State's clean energy policies and decarbonization goals.

3. CLCPA Study

The Joint Proposal states that, by no later than the end of Rate Year 3, the Companies will complete a study evaluating how their businesses may evolve to support the emission reduction and renewable energy goals of the CLCPA and Local Law 97 (the CLCPA Study).³⁹⁰ The CLCPA study will provide an analysis of the projects and programs needed to achieve specific decarbonization goals, incorporate and respond to any findings or guidance of the New York State Climate Action Council, and identify potential barriers to achieving the targeted carbon emissions reductions and recommended solutions. Parties will have the opportunity to provide input on the scope of the CLCPA Study, to review the draft study, and to provide feedback on the final draft before it is published. In their

³⁹⁰ Joint Proposal, pp. 77-78.

next rate filings, the Companies will detail the investments, programs, and initiatives that have been added, modified or removed to achieve the objectives detailed in the CLCPA study.

NY Geo states that such a study is needed to show the way to meet CLCPA emission reduction goals with specific, annual targets for reductions. The Companies state that their “commitments concerning the CLCPA Study demonstrate [their] willingness to work with other parties to achieve the State’s environmental goals and provide a clear public interest benefit that likely would not be achieved outside a negotiated settlement of these proceedings.” The Commission approved a similar provision in Cases 19-G-0379 and 19-G-0381.³⁹¹ We likewise approve and adopt the CLCPA Study provision in these proceedings.

4. Depreciation Study

The Joint Proposal provides that the Companies will complete and file a study concerning the impacts of climate change policies and laws on their gas assets at least three months before their next base rate filings.³⁹² The study will examine the potential impacts of climate change policies and laws on average service lives, reserve deficiency/surplus, salvage value, cost of removal, depreciation rates, and customer bills, and will assess the appropriate survivor curve to help inform the Companies’ next base rate filings. The process will include participation and feedback from the parties.

This provision of the Joint Proposal recognizes that the State’s climate change policies and laws may impact the average service lives, reserve deficiency or surplus, salvage value, cost of removal, and depreciation rates of the Companies’

³⁹¹ Cases 19-G-0379 et al., supra, pp. 115-116.

³⁹² Joint Proposal, p. 79.

assets. The depreciation study required by the Joint Proposal will provide information needed to address these issues in the Companies' future rate cases.

5. Heat Pump NPAs

The Joint Proposal states that the Companies will support deployment of geothermal heating as an NPA in their service territories.³⁹³ The Companies will identify areas where planned LPP replacement projects could be avoided by deploying shared geothermal loops or individual ground- or air-source heat pumps to serve affected customers and will issue requests for proposals (RFPs) where material customer interest for NPAs exists. The Companies are required to take reasonable efforts to prioritize potential projects to transition LPP to NPAs in low income and environmental justice communities. In addition, the Companies will perform a preliminary analysis of the potential to meet the needs of prospective customers with a non-gas NPA for gas requests that involve a main extension of more than 500 feet and serve five or more customers. If a non-gas NPA is feasible and beneficial to customers on a cost basis and would lead to reduced GHG emissions, the Companies will present the alternatives to those customers and, based upon their response, will issue RFPs for installing the non-gas NPA.

The Joint Proposal provides that the Companies will implement an NPA screening procedure as part of their capital planning process³⁹⁴ and will propose a mechanism to retain a percentage of the difference between the costs of a traditional investment and the proposed NPA. Consistent with Commission

³⁹³ Joint Proposal, pp. 79-81.

³⁹⁴ The process will be implemented to account for any relevant Commission orders in Case 20-G-0131, supra.

precedent, the NPA incentive mechanism will not be available for projects using non-gas infrastructure owned by the Companies.³⁹⁵

The Joint Proposal does not adopt the Companies' proposal in litigation to expand a geothermal demonstration project approved in the 2016 Rate Order.³⁹⁶ Instead, the Joint Proposal reflects a compromise with respect to the parties' differing litigation positions on this issue by committing the Companies to support geothermal heating and other non-pipes alternatives in their service territories. EDF states that these and other proposed initiatives will begin to "decarbonize the gas system and yield valuable information about the potential cost savings of avoiding new gas connections, as well as valuable experience with community outreach regarding NPA alternatives." Moreover, the Commission has recognized that the adoption of heat pumps, which use low-carbon electric generation, will result in large reductions in greenhouse gas emissions over time as compared with on-site combustion by customers.³⁹⁷ Accordingly, we find this provision of the Joint Proposal to be in the public interest and adopt it.

6. Climate Assessment of Investments and Initiatives

The Joint Proposal requires the Companies to include in their next base rate filings a 1990 GHG emissions baseline for their gas networks, a calculation of each Company's GHG emissions at the time of the rate filings, an assessment of the impact that the proposals in the rate filings will have on the

³⁹⁵ Case 14-M-0101, Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision, Order Adopting Regulatory Framework and Implementation Plan (issued February 26, 2015), p. 66 (stating that utilities will be limited to recovery of actual costs in the limited instances where utilities own distributed energy resources).

³⁹⁶ Tr. 76; 2016 Rate Order, p. 122.

³⁹⁷ 2020 NE:NY Order, p. 53.

Companies' GHG emissions, and an analysis of NPAs considered for each proposed investment, program or initiative.³⁹⁸ The Companies next rate filings also will reflect any guidance or standards by the New York State Department of Environmental Conservation, the Climate Action Council, the Commission, or other applicable regulatory bodies regarding the calculation of GHG emissions under the CLCPA.

In testimony, EDF recommended that the Companies be required to develop a GHG emission inventory and assessment methodology in their service territories to inform the development of their business models and to ensure that the Commission has the information needed to determine its decisions are consistent with the CLCPA's greenhouse gas limits.³⁹⁹ The Companies and DPS Staff initially opposed that proposal. DPS Staff generally asserted that the proposal was premature in light of further action required by the Climate Action Council and DEC under the CLCPA, that GHG inventories prepared by individual utilities could result in duplicative efforts and represent only one of many potential methods for generating data that may be needed under the CLCPA, and that the issue is one better addressed on a statewide basis rather than in individual rate proceedings.⁴⁰⁰

In requiring the Companies to provide information on historical and current GHG emissions and an assessment of the impact that proposed investments will have on emission levels, the Joint Proposal is the product of compromise that is only possible in the context of a negotiated multi-year settlement agreement. We note that the Joint Proposal appropriately

³⁹⁸ Joint Proposal, pp. 81-82.

³⁹⁹ Tr. 5643-5644.

⁴⁰⁰ Tr. 713-716, 795-796.

provides that the Companies are not obligated to duplicate any efforts they are required to take in the generic gas planning proceeding in Case 20-G-0131. This provision of the Joint Proposal supports the State's nation-leading policy objectives as articulated in the CLCPA and is carefully crafted to avoid duplicative work. Accordingly, we approve and adopt the provision of the Joint Proposal as in the public interest.

7. New Gas Connections Cost Report

The Joint Proposal provides that, within nine months of a Commission order adopting the terms of the Joint Proposal, the Companies will file a report with the Secretary regarding the costs of connecting new gas customers and how some or all of those costs could be used to provide applicants with an incentive to choose electric thermal options (e.g., heat pumps) rather than gas service.⁴⁰¹ The report could form the basis for a petition by any interested party to implement such a program or for consideration of such a program in the Companies' next rate proceedings.

NY Geo states that this report will provide necessary cost information about the "100-foot rule,"⁴⁰² which NY Geo says creates an unlevel playing field that discourages consumers from considering heating and cooling alternatives to natural gas. Because the required report will provide additional information supporting the consideration of alternative heating options, we approve this provision of the Joint Proposal.

F. Hydrogen Blending Research

In testimony, the Companies proposed a study that would analyze the impact of blending hydrogen into the natural

⁴⁰¹ Joint Proposal, pp. 83-84.

⁴⁰² See 16 NYCRR §230.2(c), (d) and (e).

gas distribution system. As proposed, the study would be funded in part through a grant from NYSERDA and would determine the percentage of hydrogen gas that can safely be put into the system without negatively impacting either the system network or customer appliances.⁴⁰³ DPS Staff initially opposed the study because the Commission Order in Case 18-E-0130 (the Storage Order) did not identify hydrogen blending as an energy storage solution.⁴⁰⁴ However, after the Companies responded that the Storage Order was inapplicable because the intention of the study was not to provide an energy storage solution for excess renewable electricity but to assess a potential pathway toward decarbonizing their gas networks, DPS Staff recommended that the Commission approve the study contingent upon NYSERDA's award of the grant to the Companies.⁴⁰⁵

With the NYSERDA grant having been awarded to the Companies in the amount of \$346,000, the Joint Proposal provides that the Companies will proceed with their hydrogen blending research with the \$100,000 balance needed for the study to be funded in base rates. We disagree with Sane Energy's unsupported assertion that hydrogen blending is a "false solution" offered only to provide a basis for continued investment in gas infrastructure.⁴⁰⁶ The hydrogen blending study will provide information about the safety and efficacy of blending hydrogen into the natural gas system and allow the

⁴⁰³ Tr. 113.

⁴⁰⁴ See Case 18-E-0130, In the Matter of Energy Storage Deployment Program, Order Establishing Energy Storage Goals and Deployment Policy (issued December 12, 2018) (the Storage Order).

⁴⁰⁵ Tr. 705; DPS Staff Initial Brief, pp. 199-200.

⁴⁰⁶ Sane Energy Reply Statement in Opposition to Joint Proposal, p. 5.

Companies to assess whether hydrogen blending is a viable method toward decarbonizing their gas networks.

G. Economic Development Programs

The Companies currently offer identical portfolios of eight economic development grant programs in their respective service territories.⁴⁰⁷ These programs provide financial grants and incentives to customers to meet various economic development objectives, such as revitalizing communities, redeveloping underutilized buildings, growing the technology industry, promoting sustainable gas, and creating jobs.⁴⁰⁸ Under the Joint Proposal, the Companies will continue to offer their economic development grant proposals, with certain modifications and one addition.

The Joint Proposal provides that the Companies' annual budgets for their economic development grant programs will be increased from \$2 million for each Company to \$2.75 million for KEDNY and \$2.25 million for KEDLI; however, the Companies will amortize prior economic development deferral credits to bring the net revenue requirement for each Company to \$0.5 million for each Rate Year. As with the economic development discount programs, both firm and non-firm customers will be eligible for economic development grant programs. Applicable infrastructure-related grant programs will be modified to allow the related costs of converting from firm to non-firm service to qualify for additional funding. The Companies will add a new grant program, Economic Development and the Future of Heat, which will encourage customers and developers to invest in projects involving emerging natural gas technologies and various other

⁴⁰⁷ Tr. 86-93.

⁴⁰⁸ Tr. 86-88, 1497.

alternatives to traditional gas delivery service.⁴⁰⁹ The Companies' grant programs will be subject to a downward-only reconciliation over the term of the rate plans.

This provision of the Joint Proposal promotes programs that create jobs and provides financial support to attract and retain businesses to the Companies' service territories. This provision of the Joint Proposal is reasonable and we hereby adopt it.

H. Earnings Adjustment Mechanisms

Earnings Adjustment Mechanisms are metrics and targets with financial rewards earned for meeting targets and are designed to align utility interests with State energy policy goals.⁴¹⁰ The Joint Proposal would establish three EAMs for each Company, to commence as of January 1, 2021: (1) a Share the Savings (STS) EAM, (2) a Low- and Moderate-Income Customer Savings (LMI) EAM, and (3) a Gas Peak Reduction (GPR) EAM. The STS and LMI EAMS will be measured on a calendar year basis. The GPR EAM will be measured on a heating season basis.⁴¹¹

The STS EAM incentivizes the Companies to reduce the unit costs of their energy efficiency portfolios, excluding certain specified programs. The LMI EE EAM incentivizes the Companies to exceed the cumulative annual savings targets established for their LMI energy efficiency programs. The GPR EAM incentivizes the Companies to deliver reductions in daily firm heating load gas demand in their territories. The minimum,

⁴⁰⁹ Tr. 90-91.

⁴¹⁰ Case 14-M-0101, Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision, Order Adopting a Ratemaking and Utility Revenue Model Policy Framework (Track Two Order) (issued May 19, 2016).

⁴¹¹ Joint Proposal, p. 85.

midpoint and maximum targets and associated incentive amounts for each EAM are set forth in Schedule 12 to Appendices 6 and 7 to the Joint Proposal.

In testimony, the Companies proposed six EAMs that would have provided them each with financial incentives of more than 76 basis points for calendar year 2020 and 61 basis points for calendar year 2021.⁴¹² DPS Staff raised various concerns with the Companies' proposed EAMs, including that amount of financial incentives requested, and recommended that the Commission adopt an energy efficiency Share the Savings EAM and a Peak Reduction EAM.⁴¹³ The Joint Proposal provides for EAMs aligned with DPS Staff's recommendations, with the addition of the LMI EAM, which will focus the Companies on optimizing the use of their LMI energy efficiency budgets to maximize savings for LMI customers. We find that the Joint Proposal provides the Companies with appropriate incentives in amounts that are consistent with those authorized for other gas utilities in New York.

XVII. CUSTOMER INITIATIVES

A. Electronic Deferred Payment Agreements

Under the Joint Proposal, the Companies would establish a process for residential customers to enter into deferred payment agreements (DPAs) electronically (E-DPAs). Residential customers would be able to negotiate the DPA over the telephone and receive a DPA by email or other electronic means for electronic signature and electronic submission to the Companies. The Companies would review the E-DPA and would follow the existing process to activate accepted DPAs in the

⁴¹² Tr. 552.

⁴¹³ Tr. 563-564, 573, 594; DPS Staff Brief, pp. 201-208.

Companies' billing system.⁴¹⁴ In addition to implementing E-DPAs, KEDNY would no longer require customers to come into a KEDNY Customer Office to provide documentation for a DPA.

The Joint Proposal also would require the Companies to provide quarterly reports containing information about E-DPAs and paper DPAs with respect to the number of DPAs at the beginning of the reporting period, made during the reporting period, reinstated during the reporting period, defaulted during the reporting period, satisfied during the reporting period, and active at the end of the reporting period. Such reports would include the total dollar amounts associated with the items reported, as well the percentage of DPAs in arrears more than 60 days in both number and dollar amount. These elements of the Joint Proposal are supported by the Companies, Staff and AARP NY and are not specifically opposed by other parties.

The Joint Proposal essentially reflects the Companies' proposals and Staff's recommended reporting requirements for E-DPAs. We agree with DPS Staff that E-DPAs are a more convenient option for customers who are applying for a DPA and we recognized that E-DPAs already are being implemented at other utilities such as NFG, Niagara Mohawk and Con Edison.⁴¹⁵ We also agree with DPS Staff's statement that the reporting requirements will increase transparency and will allow the monitoring of electronic DPAs in comparison to paper DPAs.⁴¹⁶ We approve and adopt these provisions.

⁴¹⁴ Tr. 1134.

⁴¹⁵ Tr. 1489-1490.

⁴¹⁶ DPS Staff Statement in Support, p. 125.

B. Energy Affordability Programs

1. Tier Discount Levels

The Companies each offer an energy affordability program (EAP) with multi-tiered discounts to eligible low-income customers pursuant to implementation plans approved by the Commission, with modifications, in Case 14-M-0565.⁴¹⁷ KEDNY and KEDLI customers who have received a Home Energy Assistance Program (HEAP) grant are automatically enrolled in the EAP when the grant is received and remain in the program for 14 months following receipt of the last HEAP grant. In addition, the Companies use manual enrollment methods such as calls to a call center and referrals from customer advocates or social services agencies to enroll both heating and non-heating customers in the EAP. The Companies maintain that manual enrollment helps identify a wide range of customers for EAP participation, including customers who would qualify for HEAP but have not applied for HEAP benefits.⁴¹⁸

The benefit levels for each tier in the EAP are updated annually. Under the Joint Proposal, the annual EAP rate allowances are approximately \$38.5 million for KEDNY and \$6.8 million for KEDLI.⁴¹⁹ In testimony, the Companies noted that several of the tiers provide the same benefit levels. Specifically, the Companies explained that, despite the difference in the way that customers in different tiers

⁴¹⁷ Case 14-M-0565, Energy Affordability for Low Income Utility Customers, Order Granting in Part and Denying in Part Requests for Reconsideration and Petitions for Rehearing (issued February 17, 2017); Order Approving Implementation Plans with Modifications (issued February 17, 2017); Order Adopting Low Income Program Modifications and Directing Utility Filings (issued May 20, 2016) (collectively, the Affordability Orders).

⁴¹⁸ Tr. 1145-1146.

⁴¹⁹ Joint Proposal, p. 117.

qualified for benefits, KEDNY customers in Tiers 1, 5 and 6 and KEDLI customers in Tiers 1 and 5 received the same discount amounts. For that reason, the Companies proposed to revise their tier structures to consolidate Tiers 5 and 6 for KEDNY and Tier 5 for KEDLI into Tier 1 and transition customers in the eliminated tiers to Tier 1 so they would receive the same benefit for which they were currently eligible. No party opposed the consolidation of the tiers. The Joint Proposal would consolidate to a four-tier structure by eliminating tiers 5 and 6 for KEDNY and tier 5 for KEDLI. The Companies will continue to file quarterly EAP reports with the Secretary under Case 14-M-0565.⁴²⁰

2. Energy Affordability Engagement Initiatives

The Companies proposed to create a new position for a Senior Analyst to better support implementation of their EAPs. One of the responsibilities of that new role would be oversight of the EAP file match transfer system. The Companies initially proposed that half the time of a full-time equivalent (FTE) be split between them, with the other half of the FTE's time to be available for other work not necessarily related to the EAPs.⁴²¹ PULP and DPS Staff recommended that the FTE should be fully devoted to EAP implementation. The Joint Proposal adopts PULP's and Staff's recommendation of one FTE to support the implementation of both Companies' EAPs.⁴²²

3. File Matching

In testimony, the Companies stated that they have worked with New York City's Human Resources Administration (HRA) to implement a file sharing mechanism permitting HRA to identify

⁴²⁰ Joint Proposal, p. 117.

⁴²¹ Tr. 1154.

⁴²² Joint Proposal, p. 118.

assistance program eligible customers in KEDNY's service territory and the Rockaways portion of KEDLI's service territory. The Joint Proposal provides that the Companies will increase the frequency of the file match process with HRA from twice per year to four times per year.⁴²³ During each Rate Year and each year during any Stay Out period, the Companies would each reimburse New York City up to \$50,000 for New York City's mailing and associated costs for performing the file matches. The cost of such reimbursement will be included into the Companies' EAP deferral mechanism, under which the amount recovered in rates would continue to be fully reconciled to actual costs for each rate year.⁴²⁴

Recognizing that expanded file matching with Nassau and Suffolk Counties could significantly increase the number of participants in KEDLI's EAP, the Joint Proposal provides that KEDLI will schedule a collaborative meeting with the Office of Temporary Disability Assistance (OTDA) and Nassau and Suffolk Counties to investigate an expanded file-matching mechanism for its EAP customers. DPS Staff, AARP NY and other interested parties will be invited to participate in the collaborative meeting. Within six months of the issuance of an order in this proceeding, KEDLI will file a report with the Commission about the results of the collaborative meeting, including whether a file match can occur, the method for it, and the costs. The Joint Proposal provides that costs up to \$25,000 would be incorporated into the EAP reconciliation mechanism.

⁴²³ Joint Proposal, p. 118.

⁴²⁴ Joint Proposal, p. 87. Amounts in excess of the rate allowance are deferred for future recovery from customers. Any under-expenditures would be deferred for future use in a low-income program.

These provisions are supported by the Companies, Staff, AARP NY and PULP and are not specifically opposed by other parties. They are reasonable and represent compromises among the parties. We agree with Staff's statements that these provisions will refine the EAP process, expand EAP discounts and appropriately allow for changes to be made through our ongoing generic proceeding in Case 14-M-0565, as noted above.⁴²⁵ We approve and adopt these provisions.

C. Reconnection Fees

KEDLI does not charge EAP participants reconnect fees. Currently, KEDNY has a Reconnect Fee Waiver Program that provides a one-time waiver of KEDNY's reconnection charge for EAP participants who have had their service disconnected for non-payment.⁴²⁶ KEDNY initially proposed no changes to these arrangements. CNY proposed that KEDNY eliminate its reconnection fee for all low income customers to provide them with a better opportunity to remain utility customers and pay their utility bills.⁴²⁷ Under the Joint Proposal, KEDNY will waive all reconnection fees for EAP participants but will be permitted to defer for future recovery all reconnect fees for EAP customers waived during the term of this rate plan.⁴²⁸ This provision is supported by the Company, Staff and AARP NY, and is not specifically opposed by any party. As Staff notes, this provision further assists EAP customers who are struggling with paying their utility bills and have had their service

⁴²⁵ DPS Staff Statement in Support, pp. 127-128.

⁴²⁶ Tr. 1145.

⁴²⁷ Tr. 5369.

⁴²⁸ Joint Proposal, p. 119.

terminated.⁴²⁹ We find this provision to be reasonable and in the public interest, and we approve and adopt it.

D. Outreach and Education Plan

The Companies initially proposed no changes to their outreach and education program. DPS Staff recommended that the Companies file annual outreach and education plans in Case 17-M-0475, In the Matter of Utility Outreach and Education Plans. DPS Staff proposed a filing date of April 1 of each year.⁴³⁰ The Companies agreed with the filing requirement but proposed a filing date 60 days later.⁴³¹ PULP recommended a requirement of additional outreach to customers about balance transfers and EAP customers' status with respect to Department of Social Services or NYC grants and assistance.⁴³² The Companies disagreed with PULP's proposals, asserting that it already conducts outreach on balance transfers and that outreach and reporting on the status of governmental agency grants should be the responsibility of those agencies.⁴³³

The Joint Proposal requires an annual electronic filing with the Secretary to the Commission by April 1 of each year in Case 17-M-0475 of their outreach and education plans, including the calendar year budget and prior calendar year's actual spend.⁴³⁴ This provision is supported by the Companies, DPS Staff and AARP NY and is not specifically opposed by any party. We find that it is reasonable and a fair compromise of

⁴²⁹ DPS Staff Statement in Support, p. 128.

⁴³⁰ Tr. 1495-1496.

⁴³¹ Tr. 1219-1220.

⁴³² Tr. 1677-1679.

⁴³³ Tr. 1102-1103.

⁴³⁴ Joint Proposal, p. 119.

competing provisions and that it will provide the public with additional transparency regarding the Companies' outreach and education plans and spending. We approve and adopt this provision.

E. Increased Participation in Energy Efficiency Programs

The Joint Proposal requires the Companies to modify their energy efficiency programs to the extent necessary to offer them to non-firm customers and Baseload Distributed Generation customers. The Companies will also modify the manner in which they assess energy efficiency costs to Baseload Direct Generation customers.⁴³⁵ This provision is supported by the Companies, DPS Staff and AARP NY and is not specifically opposed by other parties. We find this provision to be reasonable and consistent with the Commission's policy to increase energy efficiency, and we approve and adopt it.

F. Arrears Resolution

In this provision of the Joint Proposal, the parties recognize that the Covid-19 pandemic and the associated moratorium on utility service terminations have led to increasing customer arrears since the beginning of the pandemic in March 2020, and that these arrearage balances are an issue for customers and the Company. The Joint Proposal provides that a collaborative will commence no later than October 1, 2021, if the Commission has not by September 15, 2021, addressed residential and small business arrears related to the pandemic in either the Covid-19 generic proceeding or another generic proceeding. By November 15, 2021, the Companies would be required to file a report and request any necessary Commission

⁴³⁵ Joint Proposal, p. 119.

authorization for any proposed arrears resolution program. The Joint Proposal recognizes that a Commission determination concerning arrears resolution on a generic basis will control and obviate the need for the collaborative outlined in the Joint Proposal.⁴³⁶

This provision is supported by the Companies, DPS Staff, AARP NY and PULP and is not specifically opposed by other parties. This provision will help to prevent or reduce widespread service terminations after the conclusion of the termination moratorium, and it will aid in the coordination of Covid-19 related proceedings and any arrears forgiveness programs that might be adopted by the Commission. We find it to be reasonable and in the public interest, and it is approved and adopted.

G. Language Access

The Joint Proposal requires the Companies work with DPS Staff and other interested parties to assess the Companies' program to communicate with customers and other parties in different languages. The Joint Proposal includes an obligation for the Companies to file a report with the Secretary to the Commission in these proceedings (Cases 19-G-0309 and 19-G-0310) concerning these efforts and programs, no later than six months after the Commission's order adopting the Joint Proposal.⁴³⁷ This provision is supported by the Companies, DPS Staff, AARP NY and PULP and is not specifically opposed by other parties. We find it to be reasonable and consistent with New York State and Commission policies to communicate with customers and other

⁴³⁶ Joint Proposal, p. 120.

⁴³⁷ Joint Proposal, p. 120.

interested persons in the languages of their choice, and it is adopted and approved.

H. Enhanced Training for Consumer Advocates

The Joint Proposal recognizes that there is a growing number of customers who have arrears in excess of \$300 or have not made a payment in more than three months, as a consequence of the Covid-19 pandemic, the moratorium on utility terminations and related economic impacts. The Joint Proposal further recognizes that some of these customers may not be fully aware of their options for assistance because their situation is relatively new to them. To address this situation the Joint Proposal requires the Companies to work to develop new training for Consumer Advocates involving a checklist of steps targeted at assisting these customers.⁴³⁸ The Joint Proposal includes a sample Consumer Advocate checklist.⁴³⁹ This provision is supported by the Companies, DPS Staff and AARP NY and is not specifically opposed by other parties. We find that it is in the public interest because it will provide customers with a better understanding of their options and will help customers avoid service terminations after the termination moratorium is lifted, and we therefore approve and adopt it.

XVIII. RECONCILIATIONS, DEFERRALS AND TRUE-UPS

The Joint Proposal provides for the reconciliation of various costs and revenues to the levels provided for in the proposed revenue requirements. Reconciliations are appropriate and protect customers and the utility when significant costs are difficult to forecast over multiple years with reasonable

⁴³⁸ Joint Proposal, pp. 120-121.

⁴³⁹ Joint Proposal, Appendix 12.

certainty. Reconciliations may be made in whole, where the entire difference between the forecasted expense and actual expense is reconciled, or in part, where only some portion, often set by a percentage, of that difference is collected or refunded. Where a risk is associated as part of the normal course of business, or is reasonably foreseeable, or is somewhat controllable by the utility, a partial reconciliation favoring customers' interests may be appropriate to provide a financial incentive to minimize costs. This section examines some of the Joint Proposal's significant reconciliation provisions.

A. Existing Reconciliations, Deferrals and True-Ups

Schedule 1 to Appendices 6 and 7 of the Joint Proposal set forth the projected deferral accounts and other regulatory assets and liabilities balances as of March 31, 2020, for KEDNY and KEDLI, respectively. With the exception of various deferral accounts and other regulatory assets and liabilities identified in those schedules as being discontinued, the Joint Proposal would authorize the Companies to continue deferrals for various items, including pension and other post-employment benefits (OPEBs), exogenous costs, economic development grant programs, Site Investigation and Remediation (SIR) costs, property and special franchise tax expenses, City-State Construction Program costs, and net utility plant and depreciation expense.

1. Pension and OPEBs

Under section 8.1 of the Joint Proposal, the Companies would continue to defer and reconcile their actual pension and other post-employment benefit (OPEB) expenses to the levels allowed in rates, in accordance with our Policy Statement

requiring full true-up of both pension and OPEB costs.⁴⁴⁰ KEDNY would be allowed pension expense levels of approximately \$11.4 million in Rate Year 1, \$8.5 million in Rate Year 2, and -\$1 million in Rate Year 3, and OPEB expenses of approximately -\$2.4 million in Rate Year 1, -\$2.8 million in Rate Year 2 and -\$3.3 million in Rate Year 3. KEDLI would be allowed pension expense levels of approximately \$5.4 million in Rate Year 1, \$4.7 million in Rate Year 2, and -\$0.7 million in Rate Year 3, and OPEB expenses of approximately -\$5.1 million in Rate Year 1, -\$5.7 million in Rate Year 2, and -\$6.0 million in Rate Year 3. Carrying charges would not be calculated on pension or OPEB deferral balances. There is no opposition to the Pension and OPEB expense levels set forth in the Joint Proposal.

For purposes of determining the Companies' respective internal reserves and applicable carrying costs, the Joint Proposal also would authorize each Company to combine the funding of its pensions and OPEBs, and to offset, for example, any deficiencies in OPEBs funding with any excess pension funding. The Companies would accrue and defer carrying charges on the net unfunded pension and OPEBs amounts, until the net unfunded amount is funded. This continues accounting principles that were approved in the Companies' 2016 Rate Case.

2. Exogenous Costs

The Joint Proposal provides for the continuation of an "exogenous costs" deferral mechanism that was adopted in the 2016 Rate Case to address the treatment of costs not

⁴⁴⁰ Case 91-M-0890, In the Matter of the Development of a Statement of Policy Concerning the Accounting and Ratemaking Treatment for Pensions and Postretirement Benefits Other than Pensions, Statement of Policy and Order Concerning the Accounting and Ratemaking Treatment for Pensions and Postretirement Benefits Other Than Pensions (issued September 7, 1993) ("Pension and OPEB Policy Statement").

specifically contemplated in the Companies' three-year rate plan, but which might be incurred during that time.⁴⁴¹ The Joint Proposal defines exogenous costs as "all of the incremental effects on the Company's costs, revenues, or revenue requirements above or below the amounts" established in the proposed rate plans and "associated with or caused by an individual instance of" any externally imposed accounting change; change in federal, state or local rates, laws, or regulations governing income, revenue sales, or franchise taxes; or legislative, court, or regulatory change that imposes new or modifies existing obligations or duties.⁴⁴² If exogenous costs in any one Rate Year exceed three percent of a Company's pre-tax utility income for the year in which the change first occurs, the total impact of the exogenous costs will be deferred. Whenever exogenous costs are incurred and deferred, the affected Company will file a letter with the Secretary providing the reason for the deferral and its calculation. Any disagreement associated with the filing will be referred to the Commission for decision.

The Joint Proposal also specifically identifies several items that could affect the Companies' costs or revenues during the term of the proposed rate plans, including the potential for federal and state income tax changes, an increase in KEDLI's property taxes resulting from the municipalization of certain water utility facilities, and amendments to gas safety regulations.⁴⁴³ The Joint Proposal provides that the Companies

⁴⁴¹ Joint Proposal, pp. 88-89.

⁴⁴² Joint Proposal, p. 88. The Companies will be permitted to consider as a single exogenous cost all changes in costs arising from multiple municipalities' laws, regulations, or ordinances relating to the same subject matter.

⁴⁴³ Joint Proposal, pp. 88-89.

will be allowed to defer all incremental increases or decreases in costs arising from those items regardless of whether the financial impacts exceed the exogenous cost threshold.

The exogenous costs reconciliation mechanism recognizes that it is impossible to foresee all circumstances that may impact the Companies' costs and revenues during the course of a multi-year rate plan, and it reasonably provides some measure of protection to the Companies against such unknown events.

3. SIR Expense

The Joint Proposal would continue the reconciliation mechanism approved in the 2016 Rate Order. The Companies will fully reconcile actual SIR expenses to the forecast rate allowance for each Rate Year and defer any under- or over-expenditures for future refund to or recovery from ratepayers.⁴⁴⁴

4. Property Tax Reconciliation Mechanism

The Companies' revenue requirements provide for forecast property and special franchise tax amounts of approximately \$166.8 million in Rate Year 1, \$199.4 million in Rate Year 2, and \$232.6 million in Rate Year 3 for KEDNY and \$180.6 million in Rate Year 1, \$188.6 million in Rate Year 2 and \$198.5 million in Rate Year 3 for KEDLI. The Joint Proposal provides for a property tax true-up where variations from those projections in the taxes paid by the Companies are shared

⁴⁴⁴ One exception is KEDNY's recovery of over or under expenditures related to the Citizens SIR location. The Citizens SIR site is a former MGP site located in Brooklyn. In 1998, the Commission issued an order adopting the terms of an agreement between the parties that provided for the Company to absorb or retain 10% of the variation around a set target for SIR clean-up expenses. Case 97-M-0567, Long Island Lighting Company and The Brooklyn Union Gas Company - Transfer Ownership to an Unregulated Holding Company and Other Related Approvals, Opinion No. 98-9 (issued April 14, 1998).

between customers and the Companies on a 90 percent/10 percent basis, respectively.⁴⁴⁵ Thus, where actual property taxes are less than the amounts collected in rates, customers will be refunded 90 percent of the difference. Where the property tax paid by the Companies is greater than the amounts collected in rates, customers will pay only 90 percent of the shortfall. Additionally, the Companies' 10 percent share, both above and below the level included in rates, is capped for each of the three rate years at 7.5 basis points, 5.0 basis points, and 2.5 basis points⁴⁴⁶ of their return on common equity for Rate Year 1, Rate Year 2 and Rate Year 3, respectively.

The proposed property and special franchise tax reconciliation mechanism is consistent with a similar mechanism recently approved for another downstate utility.⁴⁴⁷

5. Non-Firm Demand Response Services

The Companies' revenue requirements reflect Non-Firm Demand Response revenues in the amounts of approximately \$49.9 million in Rate Year 1, \$33.9 million in Rate Year 2, and \$34.2 million in Rate Year 3 for KEDNY and \$5.2 million in Rate Year 1, \$3.4 million in Rate Year 2 and \$3.3 million in Rate Year 3 for KEDLI. The Joint Proposal provides that the Companies will fully reconcile actual revenues to the amounts imputed in the

⁴⁴⁵ Joint Proposal, p. 91.

⁴⁴⁶ Appendix 6, Schedule 5, page 1, of the Joint Proposal indicates that the value of one basis point is 326,400 in Rate Year 1, 357,600 in Rate Year 2, and 387,300 in Rate Year 2 for KEDNY. Appendix 7, Schedule 5, page 1, of the Joint Proposal indicates that the value of one basis point is \$215,100 in Rate Year 1, \$231,100 in Rate Year 2, and 252,400 in Rate Year 3 for KEDLI.

⁴⁴⁷ See, e.g., Case 19-E-0065 et al., Consolidated Edison Company of New York, Inc. - Electric and Gas Rates, Order Adopting Terms of Joint Proposal and Establishing Electric and Gas Rate Plan (issued January 16, 2020), pp. 40-41.

revenue requirements and that any difference between actual and imputed revenues will be credited or surcharged to firm sales and firm transportation customers through the DRA for the 12-month period beginning July 1, 2022. An adjustment will be made to the revenue targets to remove forecast revenues for Non-Firm Demand Response customers that migrate to firm service.

6. Net Utility Plant and Depreciation Expense

As with other New York utility rate plans, the Joint Proposal includes a tracking and reconciliation mechanism applicable to its net plant in service targets. Net plant reconciliation mechanisms are often used to protect ratepayers from excessive capital spending and so are implemented asymmetrically. Should a utility subject to a net plant reconciliation not meet its targeted net plant-in-service, the utility must preserve for refund to its customers the revenue requirement impact associated with net plant investment that is not made. Conversely, the asymmetrical nature of the mechanism requires a utility to absorb the revenue requirement impact associated with capital expenditures that result in net plant levels that exceed a rate plan's stated targets. This asymmetry is intended to encourage a utility to stay within its forecasted budgets and to meet its projected in-service dates for its plant investment. Through these mechanisms, customers are given some assurance that they are paying rates that support actual investments that are in service, and not just rates designed to recover a forecast amount that, if not used, could be used again to support a future rate increase request.

Under the Joint Proposal, the Companies would reconcile their actual average net utility plant and depreciation expense to the target average net utility plant and depreciation expense included in the Companies' revenue requirements. The targets are set forth on pages 95-96 of the

Joint Proposal and were arrived at through negotiation after DPS Staff's review of the Company's proposed capital programs and projects. The Joint Proposal provides that, for reconciliation purposes, the difference between the actual and targeted average net utility plant and depreciation expense will be carried forward for each Rate Year and summed at the end of Rate Year 3. Therefore, a revenue requirement impact deferral will be required under this provision of the Joint Proposal only if the cumulative revenue requirement impact of the Company's actual average net plant for the 36-month period covered by the rate plans are below the amount included in the average net utility plant and depreciation expense targets established in the Joint Proposal.

7. City/State Construction

The Companies' City/State Construction (CSC) programs involve the relocation and/or protection of gas facilities to accommodate municipal public works projects, including work on water, sewer and drainage infrastructure, street reconstruction, and bridge replacement projects.⁴⁴⁸ The Companies have no control over the scope or timing of projects implemented by the municipalities and do not have complete control over the costs involved. Certain CSC program costs are reimbursable pursuant to cost sharing arrangements with municipalities.

In litigation, the Companies requested CSC budgets of \$279.7 million for KEDNY and \$10.9 million for KEDLI, while DPS Staff recommended CSC budgets of \$255.0 million for KEDNY and \$7.1 million for KEDLI.⁴⁴⁹ The Joint Proposal recommends CSC budgets of approximately \$224.1 million, \$265.0 million, and \$269.8 million for KEDNY and \$8.2 million, \$11.1 million, and

⁴⁴⁸ Tr. 4247, 4271, 4657.

⁴⁴⁹ Hearing Exhibit 467, SGIOP-4, p. 1.

\$11.3 million for KEDLI in Rate Year 1, Rate Year 2 and Rate Year 3, respectively.⁴⁵⁰ No party opposes the CSC budget amounts recommended in the Joint Proposal.

The Joint Proposal will continue the Companies' current CSC reconciliation mechanism under which the Companies will defer for future recovery from or return to ratepayers 90 percent of the difference between the Companies' actual capital spending for CSC, net or reimbursements from municipalities, and the forecasted CSC budgets for each Rate Year.⁴⁵¹ This reconciliation mechanism reflects a compromise between the litigation positions of the Companies, which requested a full reconciliation mechanism for CSC costs, the City of New York, which opposed that request, and DPS Staff, which recommended a 80/20 percent deferral mechanism. Moreover, although the Companies initially requested the addition of a reconciliation mechanism for CSC O&M expenses, the Joint Proposal does not include such a provision, which DPS Staff and the City of New York opposed in litigation.⁴⁵²

8. Other Continuing Reconciliation

The Joint Proposal contains several other reconciliation provisions that the parties have agreed to continue from the 2016 Rate Order in their current or modified form. These items include reconciliations of Energy Affordability Program costs, electric generation revenues, economic development grant programs, RDM revenues, variable pay compensation, TC/IT Services revenues, and deferrals of negative or positive revenue adjustments. In addition, the Joint Proposal provides that the following reconciliation mechanisms

⁴⁵⁰ Joint Proposal, pp. 96-97.

⁴⁵¹ Joint Proposal, p. 97.

⁴⁵² Tr. 4277, 5471.

for Systems Benefits Charge program costs, temporary State assessment fees, cost of gas (KEDNY only), lost and unaccounted for gas (LAUF), the System Performance Adjustment Mechanism, and gas cost incentives (KEDNY only) will continue outside of base rates. The deferral mechanisms for the Energy Affordability Program costs are discussed elsewhere in this Order.

B. New Reconciliations, Deferrals and True-Ups

The Joint Proposal includes new reconciliations, deferral mechanisms and true-ups for paving expense (KEDNY only), IT net utility plant and depreciation expense, pension and OPEB settlement/curtailment gain, energy efficiency costs, inactive accounts, uncollectible accounts, customer connections, and reconnect fees (KEDNY only). The reconciliation mechanisms for IT net utility plant and depreciation expense, reconnect fees for KEDNY, inactive accounts and energy efficiency costs are discussed elsewhere in this Order.

1. Paving Expense (KEDNY Only)

Under the Joint Proposal, KEDNY's revenue requirement includes paving expense in the amounts of approximately \$25.5 million, \$23.4 million, and \$24.0 million in Rate Year 1, Rate Year 2 and Rate Year 3, respectively.⁴⁵³ Those amounts, which have been adjusted in Rate Year 1 to reflect the effects of the Covid-19 pandemic on paving expense, are uncontested. The Joint Proposal provides for the full reconciliation of actual expenses to the amounts provided in rates for each Rate Year, with the difference to be deferred for collection from or return to ratepayers.

⁴⁵³ Joint Proposal, p. 108.

2. Pension and OPEB Settlement/Curtailment Gain

The Joint Proposal permits KEDNY and KEDLI to establish regulatory assets of \$1 million and \$47 million, respectively, for pension and OPEB-related amounts that were eliminated by KEDNY and KEDLI as a result of the recognition by their affiliate, KeySpan Electric Services (KES), of a curtailment/settlement gain required at the expiration of the management services agreement between KES and the Long Island Power Authority.⁴⁵⁴ This provision of the Joint Proposal, which is uncontested, is consistent with the Joint Proposal adopted by the Commission in the 2016 Rate Order⁴⁵⁵ and ensures that ratepayers will pay no more or less than they would have if KES had not recognized this curtailment/settlement gain.

3. Uncollectible Accounts

The Joint Proposal provides for uncollectible expenses in the amounts of approximately \$15.7 million, \$16.1 million, and \$16.8 million for KEDNY and \$6.77 million, \$6.9 million and \$7.4 million for KEDLI, in Rate Year 1, Rate Year 2 and Rate Year 3, respectively.⁴⁵⁶ For any Rate Year, the Companies may petition the Commission for authority to defer uncollectible expenses in excess of the rate allowance that result from the Covid-19 pandemic, or exercise any rights to defer such expenses otherwise arising under the Joint Proposal. Nevertheless, the Companies' ability to defer uncollectible expenses will be subject to any decision made in the generic Covid-19 proceeding regarding the deferral of incremental uncollectible expenses.

⁴⁵⁴ Joint Proposal, pp. 98-99.

⁴⁵⁵ Case 16-G-0058 et al., Joint Proposal, Article VI, Section 2, pp. 109-110.

⁴⁵⁶ Joint Proposal, p. 99.

4. Customer Connections

The Companies' customer connections capital budget includes the installation of main, installation of services, meter purchases, Automated Meter Reading, and gas system reinforcement, among other things. The Joint Proposal provides for capital expenditures for customer connections in the amounts of \$36.3 million, \$37.3 million, and \$38.1 million for KEDNY and \$31.9 million, \$32.5 million, and \$32.4 million for KEDLI, for Rate Year 1, Rate Year 2 and Rate Year 3, respectively.⁴⁵⁷ These levels of capital expenditures for customers connections reflect a compromise between the litigation positions of the Companies and DPS Staff.⁴⁵⁸ To the extent the Companies' actual capital spending for customer connections differs from the forecasted amounts in a Rate Year, the Companies will defer the revenue requirement impact for future recovery or return from ratepayers.

Reconciliations, when used appropriately, can address uncertainties that committing to a long-term rate plan can create. Therefore, their inclusion in Joint Proposals can facilitate agreement where the uncertainty or unpredictably of certain uncontrollable cost elements might give negotiating parties concern, thus preventing agreement. The reconciliation mechanisms discussed here are logical and balanced, as might be expected in an agreement such as this made by parties with diverse interests. Moreover, the reconciliation provisions appropriately take into account the unknown effects of the Covid-19 pandemic on various aspects of the Companies' businesses. As such, they support both the continued provision of adequate service to the Companies' ratepayers and reasonably

⁴⁵⁷ Joint Proposal, p. 100.

⁴⁵⁸ Tr. 4547, 4563, 4566-4567, 4714, 4647-4649, and 4714.

balance the identified risks of the rate plans terms between customers and shareholders. The Joint Proposal's partial reconciliation provisions provide the Companies with an incentive to minimize actual expenses and therefore are appropriate.

XIX. PROPERTY TAX REFUND PETITION

In May 2018, KEDLI filed a Notice of Tax Refund and Proposed Method of Disposition pursuant to 16 NYCRR §89.3, seeking Commission approval to allocate the proceeds of a \$50.42 million tax refund awarded in a judgment issued by Supreme Court, Nassau County against the Town of Hempstead (Town) and various garbage districts on March 5, 2018.⁴⁵⁹ The judgment is the result of a series of actions brought by KEDLI starting in 2002 challenging the imposition of special *ad valorem* tax levies for garbage collection and disposal services on KEDLI's special franchise and public utility property. KEDLI received payment from the Town in the amount of \$50.416 million in July 2018. The judgment is not final insofar as it is still subject to appeals by both the Town on several grounds and by KEDLI on the issue of the level of interest due. KEDLI's Notice sought Commission approval to retain attorneys' fees and costs that were necessary to achieve the ultimate tax refund and to split the remaining balance between ratepayers and shareholders on a 75 percent/25 percent basis, respectively.

The Joint Proposal provides that KEDLI will be permitted to retain attorneys' fees and costs and to split the remaining balance between ratepayers and shareholders on an 85 percent/15 percent basis, respectively. It also requires KEDLI to create a regulatory liability to record the total amount of

⁴⁵⁹ Case 18-M-0270, KeySpan Gas East Corporation d/b/a National Grid - Notice of Tax Refund (May 7, 2018).

the tax refund (plus associated carrying costs) that will be credited to ratepayers. When the legal proceedings concerning the appeals of the judgment are finally resolved, the Joint Proposal further provides that KEDLI will file with the Commission an accounting of the ultimate attorneys' fees and costs incurred to achieve the refund, the 85 percent/15 percent split of the refund, and a calculation of the carrying costs that have accrued since KEDLI received the refund in 2018. Although the Joint Proposal does not state so explicitly, we agree with DPS Staff's position that the disposition of the final regulatory liability amount due to ratepayers will be determined by the Commission at a later date following this filing.

No party has objected to this provision of the Joint Proposal and we approve it. The proposed 85/15 percentage split of the refund amount is within the allocation range that we have previously approved and it promotes our objective of incentivizing utilities to take reasonable steps to reduce their tax burdens and ensure that ratepayers are the primary beneficiaries of such efforts. Therefore, we conclude that these terms of the Joint Proposal produce a just and reasonable result that is in the public interest.

XX. CUSTOMER SERVICE QUALITY PROGRAM

The Companies currently operate under four customer service quality performance metrics (SQPMs) that are measured on a quarterly and annual basis: (1) Annual PSC Complaint Rate per 100,000 Customers, (2) Residential Customer Satisfaction Survey, (3) Percentage of Telephone Calls Answered within Thirty Seconds, and (4) Percentage of Adjusted Customer Bills. The Companies' performance on the metrics is reported in quarterly and annual Service Quality Reports filed with the Secretary.

Under the Joint Proposal, the Companies will continue with their current metrics and targets for the 2020 calendar year and will be subject to modified metrics and targets for most SQPMs beginning in calendar year 2021, as discussed in more detail below. The negative revenue adjustments to which the Companies will be subject for failing to meet applicable targets would remain the same as currently in place. Recognizing that the Covid-19 pandemic could impact the Companies' performance during the rate plans, the Joint Proposal provides that the Companies can request the Commission to waive a negative revenue adjustment due to performance impacts that the Companies can demonstrate resulted from the Covid-19 pandemic for calendar years 2020 through 2024.

A. PSC Complaint Rate

Under the Joint Proposal, the Companies will be subject to negative revenue adjustments (NRAs) for calendar year 2020 if yearly complaints exceed an average of 1.1 complaints per 100,000 customers. Starting with calendar year 2021, the Companies will be subject to NRAs if yearly customer complaints exceed an average of 1.0 complaints per 100,000 customers.⁴⁶⁰ KEDNY will be subject to an NRA of \$4.68 million and KEDLI will be subject to NRA of \$3.96 million for failing to meet the applicable targets.

Only "charged" complaints are included in the PSC Complaint rate metric. A complaint is considered "charged" when a customer, after having contacted the Company to express dissatisfaction with an action, practice or conduct and providing the Company with a reasonable opportunity to address the matter, contacts the Commission to express dissatisfaction

⁴⁶⁰ Joint Proposal, p. 103.

with such action, practice or conduct.⁴⁶¹ Complaints brought by ESCO's on behalf of customers over which the Companies have control (e.g., meter issues) will be included in the PSC Complaint Rate metric, provided the ESCO follows the Commission's complaint procedures and provides the Companies with a reasonable opportunity to address the matter.

B. Residential Customer Satisfaction

Under the Joint Proposal, customer satisfaction will continue to be measured monthly based on satisfaction ratings between "6" and "10" on a 10-point satisfaction scale resulting from a random survey of residential customers who have contacted each Company.⁴⁶² For calendar year 2020, KEDNY will be subject to an NRA if its yearly average rating is below 84.8 percent and KEDLI will be subject to an NRA if its yearly average rating is below 83.4 percent. Beginning in calendar year 2021, KEDNY will be subject to an NRA if its yearly average rating is below 86.7 percent and KEDLI will be subject to an NRA if its yearly average rating is below 85.1 percent. KEDNY would be subject to an NRA of \$4.7 million and KEDLI would be subject to an NRA of \$4.0 million.

⁴⁶¹ Joint Proposal, p. 102.

⁴⁶² The Customer Satisfaction metric will be renamed the Residential Customer Satisfaction Survey in accordance with DPS Staff's audit in Case 20-M-0046. In addition, a joint utility collaborative in Case 15-M-0566, In the Matter of Revisions to Customer Service Performance Indicators Applicable to Gas and Electric Corporations, is working toward a common satisfaction survey for New York utilities. The Joint Proposal provides that, once sufficient data is obtained using the new survey methodology, the Companies will be permitted to convene a collaborative and propose new customer satisfaction metrics and targets

The Joint Proposal recognizes that a joint utility collaborative in Case 15-M-0566⁴⁶³ is working toward a common satisfaction survey for New York utilities. The Joint Proposal provides that, once sufficient data is obtained using the new survey methodology developed in that matter, the Companies will be permitted to convene a collaborative and propose new customer satisfaction metrics and targets on the common satisfaction survey for New York utilities that would supersede the metrics and targets in the Joint Proposal.

C. Telephone Answer Response

The telephone answer response metric measures the percentage of customer service calls that are answered by the Companies' customer service representatives within 30 seconds. The Companies' current targets are being continued under the Joint Proposal. KEDNY will be subject to an NRA of \$1.17 million if its performance falls below 60.6 percent and KEDLI will be subject to an NRA of \$990,000 if its performance falls below 62.2 percent.⁴⁶⁴

D. Adjusted Customer Bills

The Adjusted Customer Bills metric measures the proportion of customer bills that require later adjustments due to errors by the Companies and is based on the average of the 12 monthly scores for the applicable calendar year. For calendar year 2020, KEDNY would be subject to an NRA of \$585,000 if its adjusted customer bills are 1.70 percent to 1.79 percent, an NRA of \$877,500 if its adjusted customer bills are 1.80 percent to

⁴⁶³ Case 15-M-0566, In the Matter of Revisions to Customer Service Performance Indicators Applicable to Gas and Electric Corporations.

⁴⁶⁴ Joint Proposal, p. 104.

1.89 percent, and an NRA of \$1.2 million if its adjusted customer bills are 1.90 percent and over. Starting in calendar year 2021, KEDNY would be subject to those NRAs if its adjusted customer bills are 0.63 percent to 0.72 percent, 0.73 percent to 0.82 percent, and 0.83 percent and over, respectively. For calendar year 2020, KEDLI would subject an NRA of \$495,000 if its adjusted customer bills are 1.70 percent to 1.79 percent, an NRA of \$742,500 if its adjusted customer bills are 1.80 percent to 1.89 percent, and an NRA of \$990,000 if its adjusted customer bills are 1.90 percent and over. Starting in calendar year 2021, KEDLI would be subject to those NRAs if its adjusted customer bills are 1.51 percent to 1.60 percent, 1.61 percent to 1.70 percent, and 1.71 percent and over, respectively.

E. Termination and Uncollectible Incentive Mechanism

In pre-filed testimony, the Companies had proposed that the Commission continue the termination and uncollectible incentive mechanism established in the 2016 Rate Order.⁴⁶⁵ The Companies, DPS Staff, PULP and UIU agreed that the targets for the termination and uncollectible incentive mechanism should be updated; however, each of them advocated for different target levels. In light of the Covid-19 pandemic and Chapter 108 of the Laws of New York of 2020,⁴⁶⁶ which imposes a moratorium on termination of residential services, the Joint Proposal suspends the existing termination and uncollectible incentive for the

⁴⁶⁵ Tr. 1112-1113.

⁴⁶⁶ On May 11, 2021, Governor Cuomo signed into law Chapter 106 of the Laws of New York of 2021, which further amends PSL §32, imposing a moratorium for qualifying customers for the duration of the current Covid-19 State of Emergency and for a period of 180 days after the end of the Covid-19 State of Emergency or 180 days after December 31, 2021, whichever occurs earlier.

term of the rate plans, subject to the outcome of the generic Covid-19 proceeding.

F. Service Guarantee

The Companies' existing service guarantee policies will continue under the Joint Proposal. For each missed appointment, the Companies will provide a credit of \$30 for residential customers and \$60 for non-residential customers.⁴⁶⁷

G. Reporting

The Companies will file annual performance reports with the Secretary, which will include a description of the service quality measures, the method for calculating performance, the results for the period, supporting calculations of annual results, and a narrative overall assessment of customer service performance during the calendar year. The Companies may petition the Commission for relief from any associated NRA if they believe their inability to meet any of the targets was attributable to causes outside their control and that could not be avoided with the exercise of due care.

Discussion

None of the parties addressing the issue in testimony proposed any changes to the NRA levels currently in place for customer service performance. The Joint Proposal continues NRA levels totaling \$11.7 million for KEDNY and \$9.9 million for KEDLI, which provide reasonable earnings consequences based on the quality of service the Companies provide to customers. In addition, the Joint Proposal recognizes that circumstances outside the Companies' control, including the Covid-19 pandemic, may negatively impact the Companies' service quality performance and appropriately allows the Companies to petition the

⁴⁶⁷ Joint Proposal, p. 116.

Commission for relief from NRAs incurred in those circumstances. We also agree with the Companies and DPS Staff that the suspension of the termination and uncollectible incentive for the term of the rate plans, subject to the outcome of the generic Covid-19 proceeding, is reasonable during the moratorium on termination of residential service and the changes in the Companies' collection practices.

Given the timing of these rate cases, the Joint Proposal appropriately retains current service quality targets for calendar year 2020. Starting in calendar year 2021, the Joint Proposal essentially reflects a compromise between the parties addressing the issue in testimony. While the Companies asserted that SQPM targets should remain the same, the Joint Proposal makes various SCQM targets more stringent, which DPS Staff and UIU advocated for in testimony. The customer service performance mechanism provides sound incentives for the Companies to improve customer service. The provisions of the Joint Proposal regarding customer service performance metrics are unopposed. We find the Joint Proposal's provisions here sufficient and in the public interest.

XXI. STAY OUT PERIOD

The Joint Proposal includes provisions for the rates that the Companies may charge during a "Stay Out Period."⁴⁶⁸ The Stay Out Period is defined in the Joint Proposal as the period that begins at the end of Rate Year 3 (i.e., April 1, 2023) and ends either on March 31, 2024, or the date on which new Commission-approved rates become effective, whichever occurs first.

⁴⁶⁸ Joint Proposal, pp. 122-124.

According to the terms of the Joint Proposal, the Companies' revenue requirements are not changed for the Stay Out Period.⁴⁶⁹ But the deferred customer credits (of \$94.875 million for KEDNY and \$4.835 million for KEDLI)⁴⁷⁰ that were used to mitigate/moderate the customer bill impacts in Rate Year 1, Rate Year 2, and Rate Year 3 will have terminated by then⁴⁷¹ and, thus, the rates that may be charged during the Stay Out Period would be higher than those approved for the prior rate years. In recognition of this, the Joint Proposal identifies different base delivery rates for the Stay Out Period.

In addition, there are two surcharge provisions of the Joint Proposal that would be effective only during the Stay Out Period. The first surcharge provision is a modification of the Net Utility Plant and Depreciation Expense Reconciliation Mechanism, which would change from a downward-only reconciliation to a two-way reconciliation, up to current forecast capital expenditure level caps, as specified in Schedule 5 of Joint Proposal Appendices 1 and 2 for KEDNY and KEDLI, respectively.⁴⁷² Under this mechanism, the Companies would be allowed to establish a surcharge, as a component of the Delivery Rate Adjustment, to recover the pre-tax revenue requirement associated with their capital investment expenditures to the extent that such exceed the level of net utility plant and book depreciation expenses that are reflected in base rates. Implementation of this provision is expected to

⁴⁶⁹ The Joint Proposal recommends that the Companies' revenue requirement identified for Rate Year 3 will be applicable during the Stay Out Period.

⁴⁷⁰ Joint Proposal, p. 14.

⁴⁷¹ The cessation of the deferral sur-credit will increase KEDNY's annual revenues by \$53.672 million. See Companies' Response to Request for Information ALJ-18.

⁴⁷² DPS Staff Statement in Support, p. 131.

increase KEDNY's revenue requirement by \$53.7 million and KEDLI's revenue requirement by \$36.4 million during the Stay Out Period.⁴⁷³

The second provision allows the Companies to impose a surcharge to recover Commission-approved energy efficiency costs, including but not limited to their authorized 2020 NE:NY budgets, above the amounts already recovered in base rates. This surcharge would allow the Companies to achieve the energy efficiency targets set by the Commission during the Stay Out Period (i.e., the 12 months ending March 31, 2024).

According to the terms of the Joint Proposal, these surcharge provisions specifically preclude the Companies from recovering or deferring incremental revenues to the extent that the recoveries would cause the Companies to exceed the approved ROE of 8.8 percent during the Stay Out Period.

At the termination of the Stay Out Period, no later than March 31, 2024, if the Companies do not file for new rates, the base delivery rates that were in place during Rate Year 3 and the Stay Out Period (as shown in Joint Proposal Appendices 3 and 4) will continue, and the surcharge mechanisms that became effective during the Stay Out Period would cease.⁴⁷⁴

A. Parties' Positions

CNY

The CNY expresses concerns about the size of the projected bill increases for certain KEDNY customers - an increase of more than 7 percent on a total bill basis -- should

⁴⁷³ Companies' Response to Request for Information ALJ-18.

⁴⁷⁴ Tr. 107-109.

the provisions of the Stay Out Period become applicable.⁴⁷⁵ The CNY argues that such a large increase should not go into effect as a matter of course at the end of Rate Year 3 absent a rate filing for the Stay Out Period, which would provide an opportunity to examine whether, under the circumstances that exist at that time, the projected bill impacts could be moderated.

The CNY also believes that the Joint Proposal should include incentives for the Companies to file for new rates and avoid triggering the provisions of the Stay Out Period. Citing Cases 16-G-0058 and 16-G-0059, the CNY suggests provisions that would adjust the earnings sharing mechanism to provide for 100 percent of earnings that exceed the ROE would be deferred for customers' benefits and adjusting the property tax reconciliation mechanism to be downward only.⁴⁷⁶

Sane Energy

Sane Energy complains about the potential for large bill increases in the Stay Out Period, alleging that the Joint Proposal permits the Companies to "hide the large amount of fracked gas spending in Rate Years 1, 2 and 3, but customers will pay the costs in [the Stay Out Period]."⁴⁷⁷ Essentially, Sane Energy argues that the Joint Proposal inappropriately allows for a "ramp up" of infrastructure spending during the Stay Out Period, to the detriment of ratepayers.

DPS Staff

DPS Staff asserts that the inclusion of these surcharge provisions may allow the Companies to avoid the need

⁴⁷⁵ CNY Statement in Opposition, pp. 11-12. The average KEDNY Residential and Non-Residential Heat customers' total bills will increase by 7.50 percent and 7.71 percent, respectively.

⁴⁷⁶ CNY Statement in Opposition, p. 12.

⁴⁷⁷ Sane Energy Statement in Opposition, p. 12.

to request base rate increases to be effective before the expiration of the Stay Out Period (i.e., April 1, 2024). In addition, DPS Staff believes that these provisions are reasonable and contain sufficient safeguards to ensure the amounts collected from ratepayers as a result do not exceed that specifically authorized by the Commission.⁴⁷⁸

Responding to the CNY's concerns, DPS Staff states that the CNY is not correct when it claims that the rate impact of the Stay Out Period could be moderated if the Companies were required to file for new rates at the end of Rate Year 3, explaining that the potential Stay Out Period rates are based upon the same revenue requirements of Rate Year 3 and, thus, base rates are not increased for the Stay Out Period.⁴⁷⁹ While DPS Staff acknowledges that the "full impact" of the rate plan proposed in the Joint Proposal will not be felt by ratepayers until after the end of Rate Year 3, DPS Staff states that delaying this impact is appropriate while ratepayers continue, in the near future, to be affected by the economic impact of Covid-19.⁴⁸⁰ DPS Staff disagrees with the CNY's suggestion that the Joint Proposal should contain provisions to encourage the Companies to file for new rates at the end of Rate Year 3 rather than trigger the Stay Out Period provisions. According to DPS Staff, while it is unknown what the Companies could request for revenue requirements in such filing, it is to be expected that it would be higher than the revenue requirements of Rate Year 3, which is what the rates for the Stay Out Period would be based upon. Thus, in DPS Staff's view, the rates applicable during

⁴⁷⁸ DPS Staff Statement in Support, p. 131.

⁴⁷⁹ DPS Staff Reply Statement, p. 42.

⁴⁸⁰ DPS Staff Reply Statement, p. 42.

the Stay Out Period would benefit ratepayers more than if new rates were implemented based upon higher revenue requirements.⁴⁸¹

In response to Sane Energy's concerns, DPS Staff asserts that Sane Energy's characterization of the Companies' infrastructure spending during the Stay Out Period is not accurate. DPS Staff explains that, while the capital budgets during the Stay Out Period are higher than Rate Year 3, they "reflect the impacts of inflation and a post-pandemic return to necessary mandated and reliability spending, in categories such as leak-prone pipe removal, pipeline integrity work, increased work required by City and State construction, and storm hardening work," rather than new or ramped-up spending.⁴⁸² DPS Staff also takes issue with Sane Energy's characterization of the rate increases during the Stay Out Period as "unconstrained," explaining that the Joint Proposal does not permit the Companies to recover unauthorized revenues that would cause them to earn a ROE above 8.8 percent.⁴⁸³

The Companies

The Companies believe that these provisions "will assist in, but not guarantee" a delay in a future rate increase filing.⁴⁸⁴ The Companies' note that the surcharge provisions do not provide rate relief to compensate them for the "ongoing impact of inflation" on their O&M expenses.⁴⁸⁵ Though the Companies acknowledge that the surcharge provisions do allow them the opportunity to recover some incremental costs during the Stay Out Period, they nevertheless contend that it will be a

⁴⁸¹ DPS Staff Reply Statement, p. 44.

⁴⁸² DPS Staff Reply Statement, p. 43.

⁴⁸³ DPS Staff Reply Statement, pp. 43-44.

⁴⁸⁴ Companies' Statement in Support, p. 127.

⁴⁸⁵ Companies' Statement in Support, p. 127.

"considerable challenge" to avoid filing for a rate increase to be effective at the end of Rate Year 3 (i.e., to be effective on April 1, 2023).⁴⁸⁶ Despite the Companies' apparent misgivings, they are supportive of the inclusion of these provisions in the Joint Proposal to provide at least the possibility that the Companies can delay their future rate filing during the Stay Out Period, particularly in light of the lengthy amount of time the parties have taken to negotiate this Joint Proposal.⁴⁸⁷

In response to the CNY's concerns, the Companies state that there is no "reasonable basis" to believe that ratepayers would pay lower rates if the Companies "are essentially compelled to file new base rates" at the end of Rate Year 3.⁴⁸⁸ The Companies reiterate their position that it will be difficult for them to delay filing for a rate increase at the end of Rate Year 3 because the provisions of the Joint Proposal do not allow them "to recover the unavoidable impact of inflation on the vast majority of the elements of the Companies' cost of service during the Stay Out Period," and because the Companies are facing "an increasing cost of capital," as demonstrated by, among other things, the fact that Moody's recently downgraded the Companies long-term debt securities.⁴⁸⁹

Discussion

We recognize that the exact rate impact to consumers if the provisions governing the Stay Out Period are triggered is unknown. However, the rates recommended for the Stay Out Period are based upon the same revenue requirements as Rate Year 3 and base rates for the Stay Out Period are not increased above Rate

⁴⁸⁶ Companies' Statement in Support, p. 127.

⁴⁸⁷ Companies' Statement in Support, pp. 127-128.

⁴⁸⁸ Companies' Reply Statement, p. 23.

⁴⁸⁹ Companies' Reply Statement, p. 23.

Year 3 rates. Thus, the only reason the Stay Out Period would have higher rates than Rate Year 3 is due to the exhaustion of the deferral credits used to offset revenue requirements for Rate Years 1, 2 and 3. Critics of the Stay Out Period provisions, including the CNY, have not proposed to modify the way in which the signatory parties intend to use available monies to offset increases during the term of the rate plan, nor have they identified any funds that may become available after Rate Year 3 for use to offset the increases during the Stay Out Period. The use of the deferral credits to offset rate impacts during the pandemic/economic crisis is appropriate, as it provides an immediate benefit to ratepayers who would otherwise experience higher rates at a time when the economy is still in recovery.

Under the unprecedented circumstances presented by the Covid-19 pandemic and resulting economic crisis, we believe that shifting the full impact of the rate increases beyond Rate Year 3 is a reasonable approach.

In addition, the provisions in the Joint Proposal relating to the potential Stay Out Period offer a reasonable opportunity for the Companies to delay increases in revenue requirements until 2024. It is not clear how, as the CNY posits, rates could be lowered if a rate proceeding were undertaken at the end of Rate Year 3. Moreover, contrary to the CNY's belief, the potential rate impact to consumers during the Stay Out Period is not "unconstrained,"⁴⁹⁰ inasmuch as the terms of the Joint Proposal preclude the Companies from recovering any incremental capital or costs that would cause their return on equity to exceed 8.8 percent.

⁴⁹⁰ CNY Statement in Opposition, p. 5.

As DPS Staff states, the Commission "has the responsibility of balancing the need to keep customers' bills as low as possible, particularly in light of the ongoing impacts of the Covid-19 pandemic, with the need to set rates at a level that allows the Companies to recover the cost of providing reliable gas service."⁴⁹¹ We believe that the Joint Proposal recommends a rate plan that appropriately balances these concerns.

XXII. EVALUATION UNDER SETTLEMENT GUIDELINES

The Commission will adopt the terms of a joint proposal where it finds that its terms, when viewed as a whole, produce a result that is in the public interest. Under the Commission's public interest standard, we evaluate a joint proposal to determine whether its terms fall within the range of reasonable results that would have likely arisen from a Commission decision in a litigated proceeding and, for rate cases, whether the rates proposed are just and reasonable and are in the public interest.⁴⁹² A joint proposal should balance protection of consumers with fairness to investors and the long-term viability of the utility. The result of any negotiated proposal should be consistent with the environmental, social and economic policies of the Commission and the State. These considerations are "themselves elements of the public interest standard."⁴⁹³

⁴⁹¹ DPS Staff Reply Statement in Support, p. 3.

⁴⁹² PSL §65(1).

⁴⁹³ Cases 90-M-0255 et al., Procedures for Settlements and Stipulation Agreements, Opinion 92-2 (issued March 24, 1992).

A. Balance of Utility, Ratepayer and Shareholder Interests

The Joint Proposal achieves a fair balance of interests on the issues presented in these proceedings. It is the product of many negotiation sessions noticed to all participating parties, is joined by several parties with different interests, including advocates for the environment and geothermal heat pump technology, and strikes an appropriate balance between the interests of ratepayers and the long-term viability of the Companies. The Joint Proposal provides rate relief from the economic effects of the Covid-19 pandemic and institutes fundamental changes to the Companies' natural gas business model in furtherance of reducing reliance on fossil fuels, as well as incorporating a rigorous process under which the Companies will be allowed to recover the costs of certain Long-Term Capacity capital projects only upon a showing that such projects are needed for system reliability.

Rate increases are often needed to fund programs and capital investments that are necessary to ensure the provision of safe and reliable service to the Companies' customers, an express obligation of the Companies and the Commission's rate-setting authority in Public Service Law §§65 and 66. The signatory parties took significant action to defer expenses, where appropriate, and to mitigate the effect of necessary expenses through the modification of amortization periods and the use of regulatory liabilities to moderate rate increases. In addition, the Joint Proposal benefits ratepayers by including an earnings-sharing mechanism, various downward-only reconciliation mechanisms, and negative revenue adjustments if the Companies miss established targets for certain customer service and gas safety performance metrics.

Although various parties and commenters cite to the CLCPA in support of their preference that no additional funds be

used for natural gas infrastructure at this time and that the Companies proceed only with alternative energy sources, as discussed above, we find that view is not required by the CLCPA. The Public Service Law, moreover, requires that we take other considerations into account in setting rates. In our view, the Joint Proposal strikes the appropriate balance between the need to decrease greenhouse gas emissions by furthering the goals of the CLCPA, the need for the Companies to meet their legal obligations to provide safe and reliable gas service to current and future customers, and the need to keep rates at levels that are just and reasonable.

B. Consistency with Environmental, Social and Economic Policy

The terms of the Joint Proposal are consistent with current State and Commission policies and objectives. The Joint Proposal makes significant efforts to address the goals of the CLCPA by including various innovative proposals with respect to natural gas planning, consumption and marketing. The Joint Proposal requires the Companies to conduct various studies that can be used to ensure the Companies continue to evolve their business model to align with the goals of the CLCPA. In addition, the Joint Proposal promotes energy efficiency, heat pump and geothermal programs, and NPAs as alternatives to gas capital investments where appropriate and cost-effective. The Joint Proposal provides for improvements to the Companies' Energy Affordability Programs, continued economic development support, appropriate incentive mechanisms, and the continuation of gas safety mechanisms, including the repair of pipeline leaks. The Joint Proposal does so while ensuring that rates remain just and reasonable.

C. Results within the Range of Likely Litigation Outcomes

The voluminous record before us includes the litigation positions of the participating parties entered as exhibits in these proceedings. These exhibits clearly establish the broad range of outcomes that could have been pursued in litigation had the parties not entered into a negotiated settlement. The rate plans we adopt here compare favorably with the likely outcome of a litigated case among normally adversarial parties. The terms of the Joint Proposal are a product of consensus and fall well within the range of potential litigated outcomes or otherwise provide benefits to ratepayers that could not have been achieved in a fully-litigated proceeding.

XXIII. MANAGEMENT AUDIT

Upon the application of a gas or electric corporation for a major change in rates, PSL §66(19)(c) requires the Commission to review the corporation's "compliance with the directions and recommendations made previously by the Commission, as a result of the most recently completed management and operations audit." In pre-filed testimony, the Companies and DPS Staff addressed the status of three recently completed management and operations audits.

In Case 13-G-0009, the Commission instituted a comprehensive management and operations audit of KEDNY and KEDLI. The Commission thereafter approved National Grid USA's plan to implement recommendations of the consultant, NorthStar Consulting Group.⁴⁹⁴ The consultant's report contained 31 recommendations for improvement and each recommendation was

⁴⁹⁴ Case 13-G-0009, Comprehensive Management and Operations Audit of National Grid USA's New York Gas Companies, Order Approving an Implementation Plan (issued May 14, 2015) (2015 Audit Order).

accompanied by a Customer Benefit Analysis that detailed anticipated costs and benefits associated with implementing the specific recommendations, as well as potential risks of not implementing the recommendations.⁴⁹⁵ By letter dated September 28, 2018, the Office of Accounting, Audits, and Finance at the Department of Public Service confirmed that, based upon its review, the Companies' had completed implementation of all audit recommendations from Case 13-G-0009.

In Case 13-M-0314, the Commission initiated an operations audit of the effectiveness of the Companies' programs and processes to collect data on reliability, safety and customer service, and the accuracy of that data as reported to DPS and the Commission. The final audit report by the Overland Consulting Group, released in April 2016, included 51 recommendations for improvement at KEDNY and 51 recommendations for improvement at KEDLI. The Commission approved the Companies' audit implementation plans in March 2017.⁴⁹⁶ By letter dated March 13, 2018, the Office of Accounting, Audits, and Finance stated that, based upon its review, the Companies had completed implementation of all audit recommendations from Case 13-M-0314.

In Case 13-M-0449, the Commission instituted an audit of the internal staffing levels and use of contractors for selected core utility functions at major New York utilities, including the Companies. The final audit report by the Liberty

⁴⁹⁵ 2015 Audit Order, supra, Attachment A, p. 4.

⁴⁹⁶ Case 13-M-0314, supra, Issue a Request for Proposal for and Independent Third-Party Consultant to Conduct a Review of the Accuracy and Effectiveness of Certain Reliability and Customer Service Systems at all Gas and Combination Gas and Electric Utilities in New York State that Provide Statistics to the Commission on the Services They Provide Customers, Order Approving Implementation Plans (issued March 10, 2017).

Consulting Group, released in February 2017, included 27 recommendations for improvement at the Companies. The Commission approved the Companies' audit implementation plans in December 2017.⁴⁹⁷ On July 30, 2019, the Office of Accounting, Audits, and Finance notified the Companies that, based upon its review, the Companies had completed implementation of all audit recommendations from Case 13-M-0449.

Finally, the Commission instituted a comprehensive management and operations audit in May 2018 in Case 18-M-0195. The audit examined National Grid's construction program planning and operational efficiency, assessed issues from previous management and operations audits that required follow-up review, and reviewed how National Grid plans for and manages information systems projects. The final report, prepared by Staff from the Department of Public Service Office of Accounting, Audits and Finance, was released on November 19, 2020, and included 24 recommendations for improvement. Among other things, the report determined that the Companies had reversed course on the implementation of certain recommendations in Case 13-G-0009 generally related to corporate governance, oversight, risk management, and organizational structure. As a result, the Commission directed the Companies to include specific information in their implementation plan to ensure that the Companies would continue to implement Staff's recommended changes. On December 21, 2020, the Companies filed their implementation plan, accepting 23 of the 24 recommendations and proposing a modified implementation strategy for one recommendation. The Companies accepted the recommendations

⁴⁹⁷ Case 13-M-0449, In the Matter of a Focused Operations Audit of the Internal Staffing Levels and Use of Contractors for Selected Core Functions at the Major New York State Gas and Electric Utilities, Order Approving Implementation Plans (issued December 15, 2017).

regarding corporate governance, oversight, risk management, and organizational structure and proposed specific steps to comply with those recommendations. The Commission approved the implementation plan on May 13, 2021. Implementation is ongoing.

XXIV. CONCLUSION

Based upon the record as a whole, we find that the Joint Proposal provides an appropriate balancing of the interests of ratepayers and the Companies and their investors. The Joint Proposal provides sufficient funding for the Companies to maintain safe and reliable service and attract necessary capital to ensure the long-term viability of the Companies, while mitigating rate impacts during the term of the rate plans through the use of deferral credits, and taking steps to moderate bill impacts during any Stay Out period. The terms of the Joint Proposal are consistent with our environmental, social and economic policies and those of the State, including the CLCPA. Accordingly, consistent with the discussion in this Order, we find that the rate plans adopted herein provide just and reasonable rates, terms and conditions and are in the public interest.

The Commission orders:

1. The rates, terms, conditions, and provisions of the Joint Proposal dated May 14, 2021, filed in these proceedings and attached hereto as Attachment 1, with the exceptions of Sections V.1 through V.4, are adopted and incorporated herein to the extent consistent with the discussion herein.

2. Section 5.3 of the Joint Proposal is modified striking the last paragraph of that section and inserting in its place: "After receiving the independent consultant's report(s), the Companies' shall file such report(s) with the Secretary for final action by the Commission which is to take place within sixty (60) days of the Companies' filing(s)."

3. The Brooklyn Union Gas Company d/b/a National Grid NY is directed to file a cancellation supplement, effective on not less than one day's notice, on or before August 19, 2021, cancelling the tariff amendments and supplements listed in Attachment 2.

4. KeySpan Gas East Corp. d/b/a National Grid is directed to file a cancellation supplement, effective on not less than one day's notice, on or before August 19, 2021, cancelling the tariff amendments and supplements listed in Attachment 3.

5. The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corp. d/b/a National Grid are authorized to file, on not less than three days' notice, to take effect on September 1, 2021 on a temporary basis, such tariff changes as are necessary to effectuate the terms of this Order for the rates in the rate year beginning April 1, 2021, and to incorporate any tariff amendments that were previously approved by the Commission since the tariff amendments listed on Attachment Nos. 2 and 3 were filed. These filings shall contain

an adjustment clause mechanism consistent with the discussion in this order that will facilitate the satisfaction of refunds that may be required by an order in Case 21-M-0351 and any related proceedings.

6. The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corp. d/b/a National Grid shall serve copies of their filings on all active parties to these proceedings. Any party wishing to comment on the tariff amendments may do so by filing an original and five copies of its comments with the Secretary to the Commission and serving its comments upon all active parties within ten days of service of the tariff amendments. The amendments specified in the compliance filings shall not become effective on a permanent basis until approved by the Commission and will be subject to refund if any showing is made that the revisions are not in compliance with this Order.

7. The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corp. d/b/a National Grid are directed to file such further tariff changes as are necessary to effectuate the rates for Rate Year 3 beginning April 1, 2022. These filings shall contain an adjustment clause mechanism consistent with the discussion in this order that will facilitate the satisfaction of refunds that may be required by an order in Case 21-M-0351 and any related proceedings. Such changes shall be filed on not less than 30 days' notice to be effective on a temporary basis.

8. The requirements of the Public Service Law §66(12)(b) that newspaper publication be completed prior to the effective date of the amendments for Rate Year 1 and Rate Year 2 is waived; provided, however, that the Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corp. d/b/a National Grid shall file with the Secretary of the Commission,

no later than six weeks following the effective date of the amendments, proof that a notice to the public of the changes set forth in the amendments and their effective date has been published once a week for four consecutive weeks in one or more newspapers having general circulation in the service territory. The requirements of Public Service Law §66(12)(b) are not waived with respect to Rate Year 3, or with respect to tariff filings in compliance with this order made in subsequent years.

9. The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corp. d/b/a National Grid are directed to submit Annual Reports in Case 11-M-0034 that provide the additional information related to Site Investigation and Remediation activities and expenditures described in the body of this Order.

10. In the Secretary's sole discretion, the deadlines set forth in this order may be extended. Any request for an extension must be in writing, must include a justification for the extension, and must be filed at least three days prior to the affected deadline.

11. The proceedings in Cases 19-G-0309, 19-G-0310 and 18-M-0270 are continued.

By the Commission,

(SIGNED)

MICHELLE L. PHILLIPS
Secretary

NEW YORK STATE PUBLIC SERVICE COMMISSION

CASE 19-G-0309

**PROCEEDING ON MOTION OF THE COMMISSION AS TO THE RATES,
CHARGES, RULES AND REGULATIONS OF THE BROOKLYN UNION GAS
COMPANY D/B/A NATIONAL GRID NY FOR GAS SERVICE**

CASE 19-G-0310

**PROCEEDING ON MOTION OF THE COMMISSION AS TO THE RATES,
CHARGES, RULES AND REGULATIONS OF KEYSpan GAS EAST
CORPORATION D/B/A NATIONAL GRID FOR GAS SERVICE**

CASE 18-M-0270

**PETITION FOR APPROVAL PURSUANT TO PUBLIC SERVICE LAW
SECTION 113(2), OF A PROPOSED ALLOCATION OF CERTAIN TAX
REFUNDS BETWEEN KEYSpan GAS EAST CORPORATION D/B/A
NATIONAL GRID AND RATEPAYERS**

JOINT PROPOSAL

By and Among:

**The Brooklyn Union Gas Company d/b/a National Grid NY
KeySpan Gas East Corporation d/b/a National Grid
Department of Public Service Staff
Environmental Defense Fund
Estates NY Real Estate Services LLC
NY-Geo
Bob Wyman
Long Island Power Authority**

Dated: May 14, 2021

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**STATE OF NEW YORK
PUBLIC SERVICE COMMISSION**

Case 19-G-0309 - Proceeding On Motion Of The Commission As To The Rates, Charges, Rules And Regulations Of The Brooklyn Union Gas Company d/b/a National Grid NY For Gas Service

Case 19-G-0310 - Proceeding On Motion Of The Commission As To The Rates, Charges, Rules And Regulations Of KeySpan Gas East Corporation d/b/a National Grid For Gas Service

Case 18-M-0270 - Petition For Approval Pursuant To Public Service Law Section 113(2), Of A Proposed Allocation Of Certain Tax Refunds Between KeySpan Gas East Corporation d/b/a National Grid And Ratepayers

JOINT PROPOSAL

This Joint Proposal (“Joint Proposal”) is made this 14th day of May, 2021, by and among The Brooklyn Union Gas Company d/b/a National Grid NY (“KEDNY”), KeySpan Gas East Corporation d/b/a National Grid (“KEDLI”) (KEDNY and KEDLI are collectively referred to as the “Companies”), New York State Department of Public Service Staff (“Staff”), Environmental Defense Fund (“EDF”), Estates NY Real Estate Services LLC (“Estates”), NY-GEO, Bob Wyman, and the Long Island Power Authority (“LIPA”) (collectively, the “Signatory Parties”).¹

¹ In addition, the Utility Intervention Unit of the New York Department of State’s Division of Consumer Protection (“UIU”), Public Utility Law Project (“PULP”), and Family Energy, while not signing this Joint Proposal, have stated that they will not oppose it.

This Joint Proposal establishes a three year rate plan for each of the Companies, contains provisions that apply in a Stayout Period in the event the Companies do not file to establish new base delivery rates for that period, and either resolves or establishes a framework for resolving all issues raised in Cases 19-G-0309 and 19-G-0310 (“Rate Cases”). In addition, this Joint Proposal resolves all issues in Case 18-M-0270, a proceeding involving a property tax refund obtained by KEDLI.

I. Procedural Background

1. Initial Filing

On April 30, 2019, KEDNY and KEDLI filed tariff leaves and supporting testimony and exhibits for new rates and charges for gas service to be effective April 1, 2020. The new tariffs were designed to increase annual gas delivery revenues for KEDNY and KEDLI by approximately \$237 million and \$49 million, respectively. The twelve months ended December 31, 2018 was the Historic Test Year. The testimony and exhibits were prepared under the assumption an interstate pipeline project would be in-service by the winter of 2020/2021.

The initial filing included cost projections for three additional years beyond Rate Year One (as that term is defined below) in the interest of exploring a multi-year rate plan settlement between the Companies and the parties to these proceedings² that would allow for a phase-in of the revenue increases and the ability to manage the impact on customers’ bills.

² The terms “parties” or “active parties” refer to the entities granted party status in Cases 19-G-0309 and/or 19-G-0310, and listed in the Commission’s Document and Matter Management system as being parties.

2. Conferences and Discovery

Administrative Law Judges (“ALJs”) James A. Costello and Maureen F. Leary were appointed to conduct the proceedings. On May 30, 2019, the ALJs held a procedural conference that was immediately followed by a technical presentation by the Companies discussing the rate filings.

On June 5, 2019, the ALJs issued a Ruling on Schedule that provided dates for certain activities in the cases, including the filing of parties’ initial and rebuttal testimony and hearings. The active parties engaged in extensive discovery throughout the proceedings, with the Companies responding to more than 1,650 information requests.

3. Supplemental Testimony

As agreed with Staff and discussed with the active parties at the procedural conference held on May 30, 2019, the Companies filed supplemental testimony on June 11, 2019 to illustrate the potential revenue requirement and other impacts to the Companies’ rate filings in the event the interstate pipeline project was not available during the proposed rate plan period.

4. Corrections and Updates

KEDNY and KEDLI filed corrections and updates testimony and exhibits on July 3, 2019, updating the Companies’ revenue requirements to approximately \$196 million for KEDNY and \$61 million for KEDLI.

5. Parties’ Testimony

On August 30, 2019, ten parties filed testimony and exhibits addressing the Companies’ filings. These parties included: Staff, the City of New York (“NYC”), PULP,

EDF, UIU, LIPA, Estates, the Sane Energy Project (“Sane”), New York State Laborers’ Organizing Fund, and Bob Wyman.

6. Rebuttal Testimony

The Companies and four other parties each filed rebuttal testimony and exhibits on September 18, 2019. In their rebuttal testimony, the Companies adjusted the revenue requirements to assume the interstate pipeline project would not be in service during the Rate Year. The updated revenue requirements for KEDNY and KEDLI were approximately \$190 million and \$67 million, respectively.

7. Initial Settlement Discussions

On September 10, 2019, the Companies filed with the Commission a Notice of Impending Settlement Discussions. To facilitate settlement discussions and promote the orderly conduct of these proceedings, the Companies filed consents to extend the suspension period and requests to extend the hearing dates on September 25, October 31, November 12, and December 9, 2019. In their November 12 and December 9 consents to extend the suspension period, the Companies requested that they be made whole for any revenue that would restore them to the same financial position that they would have been in had there been no extension. The Companies stated the make whole would mean that the Companies would calculate any revenue adjustments as the difference between sales revenues the Companies would have billed at new rates during the extension of the suspension period and the same level of sales revenues at current rates. The revenue adjustments would include all applicable surcharges and would be subject to reconciliation in accordance with all applicable adjustment mechanisms, including revenue decoupling mechanisms where applicable. The Companies also stated that the financial true-up targets

established in the Commission’s Order, as well as depreciation and amortization expense would be applied to the extension of the suspension period. By its “Order On Extension Of Minimum Suspension Period of Major Rate Filing,” issued and effective May 15, 2020, the Commission accepted these conditions.

8. Additional Supplemental Testimony

On December 10, 2019, the ALJs issued a “Ruling Modifying Procedural Schedule” for the submission of supplemental testimony related to the impacts of the settlement agreement between the Companies and Staff in Case 19-G-0678 concerning the gas supply constraints in downstate New York.³ The Companies submitted their supplemental testimony on December 13, 2019.

On January 21, 2020, the ALJs issued a “Ruling Requiring Additional Testimony Related to Energy Efficiency Initiative Order.” Pursuant to that Ruling, on January 29, 2020, the Companies filed their third supplemental testimony to reflect the impacts of the Commission’s New Efficiency: New York (“NE:NY”) Order⁴ on the rate filings. The filings updated the revenue requirements for KEDNY and KEDLI to approximately \$200 million and \$60 million, respectively.⁵ Staff and Sane also filed supplemental testimony on January 29, 2020.

³ Case 19-G-0678, *Proceeding on Motion of the Commission to Investigate Denials of Service Requests by National Grid USA, The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid*, “Order Adopting and Approving Settlement” (issued and effective November 26, 2019) (“Case 19-G-0678 Order”).

⁴ Case 18-M-0084, *In the Matter of a Comprehensive Energy Efficiency Initiative*, “Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025” (issued and effective January 16, 2020) (“NE:NY Order”).

⁵ Staff recommended a delivery rate increase of \$56.087 million for KEDNY and a decrease of \$16.958 million for KEDLI. Exhibit 515 (SRRP-6), Page 1; Exhibit 514 (SRRP-5), Page 1.

9. Hearings and Additional Settlement Efforts

Evidentiary hearings were held over nine days between February 10 and February 25, 2020, and involved cross-examination of various witnesses produced by the Companies, Staff, and other parties. The hearing record of these proceedings presently consists of over 5,789 pages of evidentiary transcripts and 734 exhibits. Following the conclusion of the evidentiary hearings, the Companies, Staff, and several other parties submitted initial and reply briefs to the ALJs.

By letter dated June 5, 2020, the Companies advised the Commission and the parties that settlement negotiations would resume. Settlement conferences were held virtually using electronic means and by telephone in 2020 on June 15, July 28, August 3, 11, 18, and 25, September 4, and 10, November 17, and December 1, and in 2021 on March 5, 24, and 30, April 1, 14, and 22, and May 5 and 10. To facilitate the continuation of settlement negotiations, the Companies filed subsequent consents to extend the suspension period on: (i) June 5, 2020, which was granted by Order issued and effective July 16, 2020; (ii) August 4, 2020, and September 4, 2020, which were granted by Order issued and effective October 16, 2020; (iii) October 23, 2020, and November 20, 2020, which were granted by Order issued and effective December 17, 2020; (iv) February 8, 2021, which was granted by Order issued and effective March 19, 2021, and (v) March 24, 2021.

10. Property Tax Refund Petition

On May 7, 2018, KEDLI filed a Notice of Tax Refund and Proposed Disposition in Case 18-M-0270. In its filing, KEDLI provided a notice of various refunds received on March 7, 2018, from the Town of Hempstead and various garbage districts located in the

Town totaling approximately \$49.3 million, as well as a proposal to dispose of the refund. In a filing made on July 23, 2018, KEDLI updated this amount to total approximately \$50.4 million. Additionally, KEDLI stated that the amount could change as a result of appeals of the court judgement. On September 3, 2020, KEDLI filed a notice of impending settlement discussions in Case 18-M-0270.

II. Overall Framework

The Signatory Parties have developed a comprehensive set of terms and conditions for three-year rate plans for KEDNY and KEDLI. The terms and conditions of the rate plans are set forth below and in the attached Appendices. The rate plans reflect provisions that recognize and give effect to conditions created by the current COVID-19 pandemic and the goals of the Climate Leadership and Community Protection Act (“CLCPA”) and New York City’s Local Law 97.

Specifically, the Joint Proposal addresses the following topics:

1. Effective Date and Terms;
2. Revenue Requirements;
3. Revenue Allocation and Rate Design;
4. Computation and Disposition of Excess Earnings;
5. Capital Investment Levels and Operations and Maintenance (“O&M”) Programs;
6. Information Technology;
7. Future of Heat Programs;
8. Reconciliation, Deferrals, and Amortization Periods;
9. Customer Service Quality Program;

10. Gas Safety Performance Metrics;
11. Customer Initiatives; and
12. Miscellaneous and Other Provisions.

III. Definitions

1. “Effective Date” means April 1, 2020, or such other date as the Commission may decide.
2. “Rate Year One” means April 1, 2020, through March 31, 2021.
3. “Rate Year Two” means April 1, 2021, through March 31, 2022.
4. “Rate Year Three” means April 1, 2022, through March 31, 2023.
5. “Stayout Period” means the period beginning April 1, 2023, and ending on the earlier of the effective date of revised base rates for KEDNY and KEDLI or March 31, 2024.
6. “Fiscal Year” means the twelve-month period ending March 31 of a given year. When a specific year is stated, it is the year in which the Fiscal Year ends, *e.g.*, Fiscal Year 2021 is the twelve-month period ending March 31, 2021.

The three rate years are collectively referred to as Rate Years and individually as Rate Year.

IV. KEDNY and KEDLI Rate Plans

1. Term

The terms of the rate plans for KEDNY and KEDLI are the three years beginning April 1, 2020, and continuing through March 31, 2023. This Joint Proposal also contains terms that apply in a Stayout Period in the event that the Companies do not file to establish

new base delivery rates that would become effective for that period. For administrative reasons, certain targets are measured based on different 12-month periods, as set forth herein. In addition, generally the provisions in this Joint Proposal continue until changed by the Commission; however, certain provisions terminate as explicitly stated herein. The Signatory Parties recognize that this Joint Proposal is being submitted in May 2021. As a consequence, the new reporting requirements and other provisions herein that apply prospectively will take effect in Rate Year Two unless otherwise specified.

2. Revenue Requirements

2.1 Rate Plan Revenue Requirements

This Joint Proposal provides for Rate Year One, Rate Year Two, and Rate Year Three revenue requirements. The individual Rate Year revenue requirements for KEDNY and KEDLI, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change being eliminated, and the offsetting use of deferred credits are as follows:

KEDNY	Rate Year One (TME 03/31/2021)	Rate Year Two (TME 03/31/2022)	Rate Year Three (TME 03/31/2023)	Total
Revenue Requirement Increase/(Decrease)	\$ (4,710)	\$ 47,019	\$ 73,272	\$ 153,181
Impact of elimination of sur-credits/surcharge	21,937	-	-	
GRT on the elimination of sur-credits/surcharge	<u>795</u>	<u>-</u>	<u>-</u>	
Total Revenue Impact	\$ 18,022	\$ 47,019	\$ 73,272	
Amortization of Regulatory Assets/(Liabilities)	\$ (17,392)	\$ (6,191)	\$ (30,317)	\$ (94,873)
GRT on the Amortization of Regulatory Assets/(Liabilities)	<u>(631)</u>	<u>(218)</u>	<u>(1,087)</u>	
Net Revenue Increases/(decreases)	<u>\$ 0</u>	<u>\$ 40,610</u>	<u>\$ 41,868</u>	
Total Revenue % Increases	0.0%	2.0%	2.0%	

KEDLI	Rate Year One (TME 03/31/2021)	Rate Year Two (TME 03/31/2022)	Rate Year Three (TME 03/31/2023)	Total
Revenue Requirement Increase/(Decrease)	\$ (22,839)	\$ 28,910	\$ 26,181	\$ 15,484
Impact of elimination of sur-credits/surcharge	20,125	-	-	
GRT on the elimination of sur-credits/surcharge	<u>206</u>	<u>-</u>	<u>-</u>	
Total Revenue Impact	\$ (2,508)	\$ 28,910	\$ 26,181	
Amortization of Regulatory Assets/(Liabilities)	\$ 2,483	\$ (5,512)	\$ (1,259)	\$ (4,835)
GRT on the Amortization of Regulatory Assets/(Liabilities)	<u>25</u>	<u>(56)</u>	<u>(12)</u>	
Net Revenue Increases/(decreases)	<u>\$ -</u>	<u>\$ 23,342</u>	<u>\$ 24,910</u>	
Total Revenue % Increases	0.0%	1.8%	1.8%	

The revenue requirements are based on the following parameters:

(a) A return on equity (“ROE”) of 8.8 percent for the term of the Companies’ rate plans.

(b) A capital structure and overall cost of capital consisting of the following components and cost rates:

KEDNY Rate Year One

	% of Capital	Annual Cost	Weighted Cost After Tax	Weighted Cost Pre Tax ⁶
Long Term Debt	51.57%	4.12%	2.12%	2.12%
Customer Deposits	0.43%	0.90%	0.00%	0.00%
Common Equity	48.00%	8.80%	4.22%	5.83%
Total	100.00%		6.34%	7.95%

KEDNY Rate Year Two

	% of Capital	Annual Cost	Weighted Cost After Tax	Weighted Cost Pre Tax ⁶
Long Term Debt	51.61%	3.88%	2.00%	2.00%
Customer Deposits	0.39%	0.90%	0.00%	0.00%
Common Equity	48.00%	8.80%	4.22%	5.83%
Total	100.00%		6.22%	7.83%

⁶ Weighted average costs of capital include the MTA tax.

KEDNY Rate Year Three

	% of Capital	Annual Cost	Weighted Cost After Tax	Weighted Cost Pre Tax⁶
Long Term Debt	51.62%	3.87%	2.00%	2.00%
Customer Deposits	0.38%	0.90%	0.00%	0.00%
Common Equity	48.00%	8.80%	4.22%	5.83%
Total	100.00%		6.22%	7.83%

KEDLI Rate Year One

	% of Capital	Annual Cost	Weighted Cost After Tax	Weighted Cost Pre Tax⁶
Long Term Debt	51.37%	4.06%	2.09%	2.09%
Customer Deposits	0.63%	0.90%	0.01%	0.01%
Common Equity	48.00%	8.80%	4.22%	5.83%
Total	100.00%		6.32%	7.93%

KEDLI Rate Year Two

	% of Capital	Annual Cost	Weighted Cost After Tax	Weighted Cost Pre Tax⁶
Long Term Debt	51.46%	3.92%	2.02%	2.02%
Customer Deposits	0.54%	0.90%	0.00%	0.00%
Common Equity	48.00%	8.80%	4.22%	5.83%
Total	100.00%		6.24%	7.85%

KEDLI Rate Year Three

	% of Capital	Annual Cost	Weighted Cost After Tax	Weighted Cost Pre Tax⁶
Long Term Debt	51.60%	3.85%	1.99%	1.99%
Customer Deposits	0.40%	0.90%	0.00%	0.00%
Common Equity	48.00%	8.80%	4.22%	5.83%
Total	100.00%		6.21%	7.82%

(c) A Rate Year One rate base for KEDNY of \$4.922 billion and for KEDLI of \$3.244 billion, a Rate Year Two rate base for KEDNY of \$5.393 billion and for KEDLI of

Case 19-G-0309

Case 19-G-0310

\$3.484 billion, and a Rate Year Three rate base for KEDNY of \$5.841 billion and for KEDLI of \$3.806 billion.

(d) KEDNY's gas other storage, transmission, distribution, and general plant depreciation rates as previously adopted by the Commission in Case 16-G-0059 will continue without change. Recovery of the Newtown Creek Project costs is subject to the conditions described in Section IV.3.2. KEDNY's depreciation rates are set forth in Appendix 1, Schedule 2. KEDLI's depreciation rates shall be updated to reflect a 25-year amortization of leak prone pipe ("LPP") and a four-year net salvage band in Rate Year One and Rate Year Two and a 20-year amortization of LPP and a three-year net salvage band in Rate Year Three. KEDLI's revised depreciation rates are set forth on Appendix 2, Schedule 2.

(e) No increase in management wages through June 30, 2022, for senior managers and through June 30, 2023, for senior executives, in recognition of the financial impacts of the COVID-19 pandemic on the Companies' customers.

(f) The annual amortization of certain of KEDNY's regulatory liabilities as follows:

- (i) Economic Development Cost - \$1.750 million in each Rate Year;
- (ii) Gas Safety Negative Revenue Adjustments ("NRAs") associated with incremental programs⁷ - \$3.392 million in Rate Year One and \$1.896 million in each of Rate Years Two and Three;

⁷ These programs were related to the distribution of residential methane detectors and implementation of the Instrument and Regulation Control Line Survey and GPS Mapping Program.

- (iii) Remaining Gas Safety NRAs - \$4.659 million in each of the three Rate Years;
 - (iv) Unexpended Energy Efficiency Transition Implementation Plan (“ETIP”) and Energy Efficiency Program Spending (“EEPS”) - \$12.158 million in each of the three Rate Years; and
 - (v) Deferred overcollection of low-income program discounts (including the Energy Affordability Program and KEDNY’s previous low-income program) - \$6.651 million in each of the three Rate Years.
- (g) The annual amortization of certain of KEDLI’s regulatory liabilities as follows:
- (i) Economic Development Costs - \$2.250 million in each Rate Year; and
 - (ii) ETIP and EEPS - \$2.050 million in each Rate Year reflecting a five-year amortization.

2.1.1 Amortization of Excess Deferred Income Taxes

The Companies’ revenue requirements reflect the amortization of protected excess accumulated deferred income taxes (“ADIT”) using the Average Rate Assumption method and the amortization of unprotected excess ADIT over a five-year period for KEDNY and a ten-year period for KEDLI. If, during the terms of this Joint Proposal, the Companies determine that their amortization of excess ADIT would be in violation of the tax normalization provisions of the Internal Revenue Code such that the Companies would be precluded from the full use of accelerated depreciation, then the Companies shall have the

right to modify their accounting for ADIT and the amortization of excess ADIT, as, and to the extent necessary to maintain consistency with applicable tax normalization principles and remain eligible to use accelerated depreciation without interruption. To the extent the Companies determine that it is necessary to modify their accounting for ADIT and/or its amortization of excess ADIT to avoid a normalization violation, the Companies shall file a notice of such action with the Secretary to the Commission. Such notice shall provide an explanation of the need for the Companies' actions. Any issues raised by the Companies' notice shall be resolved in their next base rate case proceedings.

2.2 Levelization of Rate Increase

In recognition of the financial impacts of the COVID-19 pandemic on the Companies' customers, the Signatory Parties propose that the base rate changes be implemented in a manner designed to achieve no revenue increases in Rate Year One and annual revenue increases of 2.0 percent for KEDNY in Rate Years Two and Three and 1.8 percent for KEDLI in Rate Years Two and Three. The annual revenue changes for KEDNY and KEDLI are set forth in Appendix 1, Schedule 3 and Appendix 2, Schedule 3, respectively.

To achieve these outcomes, KEDNY and KEDLI will amortize \$94.873 million and \$4.835 million of regulatory liabilities (deferred credits), respectively, over the term of the rate plans. The regulatory liabilities used to offset the revenue requirements include regulatory liabilities of (i) \$21 million, which will be used to offset the cost of the Companies' energy efficiency and demand response programs, established by the Commission in its March 18, 2021 "Order Adopting Settlement Agreement" in Cases 17-G-0317 and 18-G-0094, in full resolution of the Commission's "Order Instituting

Proceeding as to Show Cause” dated July 12, 2019 in Case 17-G-0317, and “Order Instituting Proceeding to Show Cause” dated November 15, 2018 in Case 18-G-0094,⁸ in accordance with a settlement that was approved by the Commission by Order issued and effective March 18, 2021, in those proceedings; (ii) \$20 million, which will be used to offset the cost of the Companies’ energy efficiency and demand response programs, provided for in the Commission’s April 15, 2021 “Order Adopting Second Amendment to Settlement Agreement” in Case 19-G-0678; and (iii) other regulatory liabilities that have been recorded previously on the Companies’ books.

2.3 Make Whole Provision

The Signatory Parties recognize that Commission approval of this Joint Proposal can occur only after April 1, 2020. Accordingly, the Signatory Parties propose that the Companies will recover the revenue shortfall resulting from the extension of the suspension period through a make whole provision. The make whole provision is designed to ensure the Companies are restored to the same financial position they would have been in had rates gone into effect on April 1, 2020.

The Companies will calculate any revenue adjustments as the difference between revenues the Companies would have received during the extension of the suspension period and the actual revenues received, excluding any revenue that is being recovered through compressed delivery rates, as described in Sections IV.3.4 and 3.5 below. The revenue adjustments will include all applicable surcharges and carrying charges and be subject to reconciliation in accordance with all applicable adjustment mechanisms (including revenue

⁸ The \$21 million settlement results in the establishment of \$15 million of deferred credits for KEDNY and \$6 million for KEDLI.

decoupling, where applicable). Financial true-up targets established in this Joint Proposal, as well as depreciation and amortization expense, will be applied to the extension of the suspension period. All accounting/ratemaking will be in accordance with this Joint Proposal and be effective as of April 1, 2020. A summary of the methodology for calculating the make whole provision and illustrative examples of the make whole calculation are set forth in Appendix 3, Schedules 14.1 and 14.2 for KEDNY and Appendix 4, Schedule 14.1 and 14.2 for KEDLI.⁹

3. Revenue Allocation and Rate Design

3.1 Revenue Forecast

KEDNY's revenue forecast at current rates is set forth in Appendix 3, Schedule 1. KEDLI's revenue forecast at current rates is set forth in Appendix 4, Schedule 1. The revenue forecasts were prepared in 2020 and are intended to capture the impacts of the COVID-19 pandemic. The delivery rate revenue forecasts used to develop base rates and the reconciliation to total gas Operating Revenues for the Rate Years are set forth in Appendix 3, Schedule 2 for KEDNY and Appendix 4, Schedule 2 for KEDLI.

3.2 Newtown Creek

3.2.1 Revenue Requirement Impacts

KEDNY's Rate Years Two and Three revenue requirements reflect:

- (i) capital investment of \$37.898 million in the Newtown Creek biogas purification project ("Newtown Creek Project");
- (ii) investment to be recovered over 20 years; and

⁹ If a Commission order adopting the terms of this Joint Proposal is not issued prior to August 1, 2021, and thus new rates are not effective on August 1, 2021, the Make Whole provision and any other calculation in the Joint Proposal that assumes new rates become effective August 1, 2021, will be recalculated based on the actual date new rates go into effect.

- (iii) forecast annual revenues for the Newtown Creek Project of \$1.924 million beginning in Rate Year Two from the sale of gas and environmental attributes from the Newtown Creek Project as well as additional imputed revenues of \$4.010 million in Rate Year Two and \$4.007 million in Rate Year Three as shown in Appendix 3, Schedule 1.

3.2.2 Newtown Creek Annual Revenue Reconciliation

Beginning in Rate Year Two, KEDNY will reconcile the actual revenues derived from the sales of gas and environmental attributes associated with the Newtown Creek Project to the amounts reflected in rates. If the actual revenues do not exceed the revenue reflected in rates as set forth in Section IV.3.2.1(iii) of this Joint Proposal, then KEDNY will be permitted to defer for future recovery fifty percent of the difference between the amount reflected in rates and \$1.6 million. The maximum amount of such deferrals for each Rate Year is as follows:

Rate Year Two	-	\$2.167 million
Rate Year Three	-	\$2.165 million ¹⁰

If over the three-year term of KEDNY's rate plan, the actual revenues derived from the Newtown Creek Project exceed \$11.865 million, then any revenue in excess of that amount will be refunded to KEDNY's customers through the Delivery Rate Adjustment ("DRA") mechanism. After Rate Year Three, any annual revenues in excess of \$5.931 million will be refunded to KEDNY's customers through the DRA. An example of this reconciliation is set forth in Appendix 6, Schedule 16.

¹⁰ Note, the maximum amount of such deferrals will remain at the Rate Year Three amounts until the Commission next sets KEDNY's base rates.

3.3 Revenue Allocation

Revenue increases for KEDNY in Rate Years Two and Three will be allocated as set forth on Appendix 3, Schedule 2. Revenue increases in Rate Years Two and Three for KEDLI will be allocated as set forth on Appendix 4, Schedule 2.

The revenue allocations are not intended to establish precedent in support of the use of any embedded cost of service methodology in any future rate proceeding.

3.4 Rate Design – Firm Service Classifications

The rates for each firm service classification are set forth in Appendix 3, Schedule 3 for KEDNY and in Appendix 4, Schedule 3 for KEDLI. Bill impacts resulting from this rate design are set forth in Appendix 3, Schedules 4.1-4.3 for KEDNY and in Appendix 4, Schedules 4.1-4.3 for KEDLI. The bill impacts presented in Appendix 3, Schedules 4.1-4.3 and Appendix 4, Schedules 4.1-4.3, include the estimated surcharge for the Demand Capacity Surcharge Mechanism as further described in Section IV.3.22. The rate designs for both KEDNY and KEDLI for Rate Year Two reflect the following assumptions: (i) that present rates will continue until July 31, 2021, and (ii) new rates will be effective August 1, 2021, and will produce for each rate class the total revenue for Rate Year Two allocated to that class shown in Appendix 3, Schedule 2.1 for KEDNY and Appendix 4, Schedule 2.1 for KEDLI. Differences between the revenue allocated to each class and the revenue actually received by KEDNY and KEDLI will be adjusted through the Revenue Decoupling Mechanism (“RDM”), where applicable.

The Rate Year Two surcredits rates for KEDNY on Appendix 3, Schedules 3.1-3.3 and for KEDLI on Appendix 4, Schedules 3.1-3.3, provide the Rate Year Two surcredit dollar totals for each rate class for KEDNY on Appendix 3, Schedule 2 and for KEDLI on

Appendix 4, Schedule 2, assuming the surcredit is applied starting August 1, 2021, and for the balance of Rate Year Two.

The Companies will develop an Outreach and Education Plan that will target energy efficiency programs for high use customers in consultation with Staff and interested parties within 45 days of the issuance of a Commission order adopting the terms of this Joint Proposal.

3.5 Rate Design – Non-Firm Demand Response

The non-firm demand response service classifications will continue to consist of Tier 1 and Tier 2 service. Tier 1 and Tier 2 service interruption temperatures are set annually as indicated in each Company's Gas Transportation Operating Procedure Manual, with Tier 2 customers interrupted at a higher designated temperature than Tier 1. Tier 1 service will have volumetric delivery rates set at 50 percent below the tail block volumetric rate (excluding deferral surcredits) of the applicable equivalent firm service class. Tier 2 service will have volumetric delivery rates set at 60 percent below the tail block volumetric rate (excluding deferral surcredits) of the applicable firm service class. The Minimum Charge assessed to each Tier will be \$375.00. The non-firm demand response service classifications will include an additional non-firm delivery rate discounted off the volumetric tail block rate of the multi-family firm service class for KEDNY only. The non-firm rate design is set forth in Appendix 3, Schedule 3 for KEDNY and in Appendix 4, Schedule 3 for KEDLI. The present rates for the non-firm demand response classes, which are assumed to remain in effect through July 31, 2021, are the same as the tail block rates for the otherwise applicable classes. To provide discounts of 50 percent for Tier 1 and 60 percent for Tier 2 over the course of Rate Year Two, the discounts for the compression period of August 1, 2021, through the end of Rate Year Two are greater than

Case 19-G-0309

Case 19-G-0310

50 percent and 60 percent, respectively. Therefore, the increases in non-firm demand response rates for Rate Year Three as compared to Rate Year Two are greater than the system average increase, although the revenue to be produced by each class is calculated to increase at the same percentage as the system average increase.

3.5.1 Commodity Pricing For Non-Firm Demand Response Sales Services

For non-firm demand response Tier 1 and Tier 2 sales service, the commodity price assessed by the Companies shall be based upon the Incremental Cost of Gas (“ICOG”) weighted by the upstream pipeline city gates and volumes used to determine deliveries to non-firm customers, plus the demand charge reduced to ten percent of the allocated pipeline transportation costs, and plus the applicable Lost and Unaccounted for Gas (“LAUF”) factor (the total commodity price to be referred to as “Weighted Monthly ICOG”). For the purpose of calculating the Weighted Monthly ICOG, sales and transportation customers will be considered to receive the same upstream pipeline city gate allocation as set forth in the Companies’ Gas Transportation Operating Procedures manual. The Weighted Monthly ICOG rate for non-firm demand response sales customers will be capped at the Monthly Cost of Gas (excluding adjustments) for the otherwise applicable firm service class. Each month, the Companies shall charge non-firm demand response sales customers the lower of the forecast Weighted Monthly ICOG rate or the Monthly Cost of Gas (excluding adjustments) for the otherwise applicable firm service class. An illustration of the calculation of the Weighted Monthly ICOG rate is set forth in Appendix 3, Schedule 5.1. The Companies will not separately reconcile the Weighted Monthly ICOG gas costs for non-firm sales customers during the term of the rate plan, but will develop

and propose a non-firm gas cost reconciliation mechanism to be included in the Companies' next base rate filings.

3.5.2 Non-Firm Demand Response Targets

KEDNY's Non-Firm Demand Response targets are set forth in Appendix 3, Schedule 5.2 and KEDLI's Non-Firm Demand Response targets are set forth in Appendix 4, Schedule 5.2.

3.6 Lost and Unaccounted For Gas

The LAUF targets and deadbands that will apply during the term of the Companies' rate plans are as follows:

Targets	KEDNY	KEDLI
LAUF Target	2.369%	2.742%
Upper Band	3.369%	3.742%
Lower Band	1.369%	1.742%

The new LAUF targets and dead bands will become effective in the month subsequent to the month in which the Commission issues an order adopting the terms of this Joint Proposal and will be prorated as necessary for the Gas Adjustment Clause ("GAC") year in which they are implemented. Beginning September 1, 2021, the LAUF targets and dead bands included in the table above will be reconciled on a GAC year basis with the GAC year ending August 31, 2022. In addition, the LAUF factor of adjustment calculation will be modified to gross up gas costs for LAUF Gas. The loss percentage will be calculated by dividing losses into system receipts including any necessary adjustments. The Factor of Adjustment (FOA) will be calculated as follows: $FOA = 1/(1-\text{loss percentage})$. The calculation of LAUF targets and deadbands are set forth in Appendix 3, Schedule 8 for KEDNY and Appendix 4, Schedule 8 for KEDLI.

3.6.1 Inactive Accounts Adjustment To LAUF Calculation

KEDNY and KEDLI perform a calculation to remove from the LAUF calculation an estimate of the gas usage associated with meters that have been inactive for more than 90 days. This calculation will be a monetary adjustment by multiplying the inactive account volumes by KEDNY's and KEDLI's Weighted Average Cost of Gas for the period applicable to the calculation. The monetary inactive account adjustment shall be included in the annual GAC reconciliation as a separate line item that increases gas cost revenues.

3.7 Revenue Decoupling Mechanisms

The Companies' RDMs shall be modified as follows:

- (i) a revenue-per class RDM will be implemented for Service Classification ("SC") Nos. 1B and 1A;
- (ii) the incremental growth incentives will be eliminated from the revenue-per-class RDMs for SC 2 and SC 3;
- (iii) RDMs will be reconciled on a Rate Year basis rather than a Calendar Year basis;
- (iv) In calendar year ("CY") 2020 the Companies filed annual RDM reconciliations in accordance with their current tariff provisions. The Companies will refile their annual RDM reconciliations for the period January 1, 2020, through March 31, 2021, 45 days after the issuance of a Commission order adopting the terms of this Joint Proposal becomes effective to reflect the appropriate Rate Year One RDM targets. The 15-month RDM reconciliation will include revenue per customer targets for SC 1B and revenue per class targets for SC 2 and SC 3 for the months of January

through March 2020 in accordance with Cases 16-G-0058 and 16-G-0059 and revenue per class targets for SC 1A, SC 1B, SC 2 and SC 3 in accordance with Cases 19-G-0309 and 19-G-0310 for the period April 1, 2020, through March 31, 2021; and

- (v) KEDNY RDM targets are set forth in Appendix 3, Schedule 7 and KEDLI RDM targets are set forth in Appendix 4, Schedule 7.

3.8 System Benefits Charge

Clean Energy Fund (“CEF”) costs were collected through the System Benefits Charge (“SBC”) through December 31, 2020. The SBC statement will be discontinued as of the effective date of the tariffs implementing the rates authorized by a Commission order adopting the terms of this Joint Proposal. The Companies shall complete a final reconciliation of the prior period CEF and EE Tracker components of the SBC and shall file the results of that reconciliation within 90 days of a Commission order adopting the terms of this Joint Proposal. Any over- or under-collection identified in the final reconciliation shall be deferred for later return or recovery from customers. The Companies’ Energy Efficiency costs will be recovered in base rates beginning in Rate Year One, with Rate Year One costs reflected through the make whole provision. In addition, if KEDNY and/or KEDLI does not file for new rates to become effective on or before April 1, 2023, the Companies will be permitted to recover through a surcharge any Commission-approved NE:NY budget (or other approved energy efficiency programs) not reflected in base rates. The Companies will include these costs in the Demand Capacity Surcharge Mechanism, which will be allocated based on total gas deliveries to all firm and non-firm service classifications.

3.9 Paperless Billing Credit

The Paperless Billing Credit shall be \$0.43 and \$0.41 per month for KEDNY and KEDLI, respectively, based on a year of actual experience on the enhanced paperless billing platform.

3.10 Gas Safety and Reliability Surcharge

The per therm Gas Safety and Reliability Surcharge (“GSRS”) established in Cases 16-G-0058 and 16-G-0059 shall continue. The GSRS shall be modified to include recovery of the following: (i) incremental proactive LPP replacement costs up to 102 percent of the rate allowance unit cost; (ii) any earned leak repair Positive Revenue Adjustment (“PRA”); and (iii) incremental leak repair costs. The Companies will not be permitted to recover any earned PRA for LPP removal through the GSRS. The surcharge will be calculated by first allocating the return on investment, depreciation expense, and O&M expense (*i.e.*, disconnects and reconnects) associated with incremental LPP investment, incremental leak repair costs, and any positive revenue adjustments earned for leak repairs to each firm service class by forecast delivery revenues established in this Joint Proposal, and then developing a per therm rate per service class that will be collected in the DRA. The GSRS will be reconciled annually and included in the DRA recovered from firm sales and firm transportation customers beginning July 1 of the following Rate Year. An illustrative example of the GSRS calculation, including examples of the incremental proactive LPP replacement, leak repair, and PRA recovery mechanisms, is provided in Appendix 6, Schedule 9 for KEDNY and Appendix 7, Schedule 9 for KEDLI.

The Companies will work with interested parties to develop a new general capital efficiency incentive. This incentive will take effect in the first Rate Year after its approval

by the Commission. The Companies will convene an initial meeting with interested parties within 90 days of the issuance of a Commission order adopting the terms of this Joint Proposal. The Companies will submit a report on the collective efforts of the parties, including a proposal for an incentive, if any is successfully developed, within one year of the issuance of a Commission order adopting the terms of this Joint Proposal.

As noted above, the Companies will be permitted to recover through the GSRS the costs of incremental leak repairs as well as any incentives earned for incremental leak repair as discussed in Section IV.10.2 of this Joint Proposal. In any filing in which the Companies seek to recover the costs of incremental leak repairs, the Companies will bear the burden of demonstrating that the costs the Companies seek to recover are incremental to costs recovered in current rates.

The Companies filed their CY20 annual GSRS reconciliations on March 15, 2021, in accordance with currently effective tariff provisions. The Companies shall refile their annual GSRS reconciliations for CY20 to reflect the Rate Year One GSRS targets within 45 days of the issuance of a Commission order adopting the terms of this Joint Proposal.

3.11 Merchant Function Charge

The Companies' Merchant Function Charges ("MFC") shall be changed to eliminate provisions that allow for mid-year adjustments to annual imbalance charges. In addition, the Companies will continue with the following modifications:

- a. The MFC will be updated to reflect the Gas Supply Procurement target of \$2.401 million for KEDNY and \$0.349 million for KEDLI, and the Commodity-Related Credit and Collection target of \$4.786 million for KEDNY and \$1.269 million for KEDLI as shown in Appendix 3, Schedule 6.1 for

KEDNY and Appendix 4, Schedule 6.1 for KEDLI. In addition, the conversion of the annual expense targets for gas supply procurement and commodity-related credit and collections charges from a fiscal year basis to a Monthly Cost of Gas (“MCG”) year basis is shown in Appendix 3, Schedule 6.2 for KEDNY and Appendix 4, Schedule 6.2 for KEDLI.

- b. The methodology for calculating commodity-related working capital expense will continue to be aligned with the methodology adopted by the Commission for NMPC in Case 08-G-0609, such that the working capital component of the MFC will be calculated each month by multiplying the updated lead/lag rate and the Companies’ pre-tax weighted average cost of capital, as shown in Appendix 3, Schedule 6.3, page 8 for KEDNY and Appendix 4, Schedule 6.3, page 8 for KEDLI.
- c. The Companies will initially reset their (i) Gas Supply Procurement target, (ii) Commodity-related Credit and Collection Expenses targets and (iii) Return Requirement on Gas Storage Inventory effective August 1, 2021. Then, going forward, the Companies will reset these targets annually based on the latest sales forecast every September 1, and reconcile the revenue to target, effective the following January of each year. The initial one-month target for August 2021 will be added to the over/under recoveries for the period September 1, 2021, through August 31, 2022. An illustrative example of the stub period reconciliation is shown in Appendix 3, Schedule 6.4 for KEDNY and Appendix 4, Schedule 6.4 for KEDLI.

- d. Appendix 3, Schedule 6.1 and Appendix 4, Schedule 6.1, for KEDNY and KEDLI, respectively, summarizes all the MFC components for Rate Year Two, as well as for the MCG year. These appendices align with the Companies' Cost of Gas reconciliation.
- e. Illustrative examples of the per dekatherm rates for all the MFC components are shown on Appendix 3, Schedule 6.3 to reflect the most recent targets for KEDNY and Appendix 4, Schedule 6.3 for KEDLI.
- f. For the four months of the non-reconciled component of the MFC prior to the effective dates, the Uncollectible Expenses Associated with Gas Costs and Return Requirement on Gas Purchase-Related Working Capital will be added to the Make Whole provision as shown in the Appendix 3, Schedule 14.2 for KEDNY and Appendix 4, Schedule 14.2 for KEDLI.

3.12 Delivery Rate Adjustment

The Companies will file DRA statements. The DRA statements will include, but not be limited to, the following components for firm sales and firm transportation customers: SIR (Site Investigation and Remediation Surcharge), RDM (Revenue Decoupling Mechanism), GSRS (Gas Safety and Reliability Surcharge), NFRR (Non-Firm Demand Response Revenues Reconciliation Surcharge), EGR (Electric Generator Revenue Reconciliation), NYFS (New York Facilities System Surcharge), EAM (Earnings Adjustment Mechanism), NCRR (Newtown Creek Revenue Reconciliation) (KEDNY only), DCSM (Demand Capacity Surcharge Mechanism), DROM (Demand Response O&M), and NUP (Net Utility Plant and Depreciation Expense Reconciliation in the Stayout

Period). The *pro forma* statement is included in Appendix 3, Schedule 11 and Appendix 4, Schedule 11.

3.13 Consolidated Billing Fees

KEDNY's consolidated billing fee will be updated from the current rate of \$1.42 to \$1.31 per bill, except for Rate Year Two. For Rate Year Two, KEDNY's consolidated billing fee will be \$1.26 per bill, which reflects (i) the reduction in the billing fee and (ii) a compressed period over which the total Rate Year Two consolidated billing fee revenue will be collected (the eight-month period from August 2021 through March 2022).

KEDLI's consolidated billing fee will remain at \$1.32 per bill. In addition, KEDLI's SC 9 shall be eligible for the consolidated billing charge.

3.14 Miscellaneous KEDNY Fees

Upon the effectiveness of revised rates, KEDNY's fees for (i) unproductive field visits shall be \$31.74, (ii) reconnection at the main shall be \$500.00, and (iii) reconnection at the meter shall be \$53.89 (Disconnect Fees).

3.15 Miscellaneous KEDLI Fees

Upon the effectiveness of revised rates, KEDLI's fees for (i) unproductive field visits shall be \$47.14, (ii) reconnection/reestablishment at the meter shall be \$74.39, (iii) Energy Services Companies ("ESCOs")-initiated suspensions shall be \$74.39.

3.16 New York Facilities System

The timing of the New York Facilities System ("NYFS") reconciliation shall be changed from a calendar year to a fiscal year basis, commencing April 1, 2020. The NYFS costs shall be recovered on a fiscal year basis with the revised surcharges effective July 1.

The Companies filed the CY20 annual NYFS reconciliation in accordance with their current tariff provisions. The Companies will refile their annual NYFS reconciliation for the period January 1, 2020, through March 31, 2021, to reflect the appropriate Rate Year One revenue and cost targets within 45 days of the issuance of a Commission order adopting the terms of this Joint Proposal. The 15-month NYFS reconciliation will include revenue and cost targets for the months of January through March 2020 in accordance with Cases 16-G-0058 and 16-G-0059 and revenue and cost targets in accordance with Cases 19-G-0309 and 19-G-0310 for the period April 1, 2020, through March 31, 2021.

3.17 Economic Development Discount Program Rates

KEDNY will amend its Area Development Rate to update the current designated areas to include areas that better reflect current economic development priorities, as proposed in its filing. KEDLI will implement a similar Area Development Rate. The Companies will amend their Business Incentive Rates to include qualifying tenant businesses locating or expanding in properties that receive benefits from an Industrial Development Agency. KEDLI will expand its Business Incentive Rate to include non-firm customers. There will be no deferral mechanism for economic development rate discounts during the term of the rate plans.

3.18 Natural Gas Vehicles (“NGVs”)

The Companies will amend their NGV service classifications – SC4A-CNG for KEDNY and SC9 for KEDLI – to offer an interruptibility option to new NGV customers. The Companies will charge the same rates for firm and interruptible NGV services.

3.19 Electric Generation Rates

To the extent that the Commission requires changes to electric generation rates in Case 17-G-0011 or otherwise, the Companies will, in the absence of contravening language in any applicable Commission order, work with LIPA to implement such revised rates within three months of a Commission order requiring changes. The Electric Generation revenue targets are shown in Appendix 3, Schedule 10 and Appendix 4, Schedule 10 for KEDNY and KEDLI, respectively.

3.20 Miscellaneous Tariff Changes

The Companies will amend their tariffs to:

- (i) Implement a new Earnings Adjustment Mechanism (“EAM”) surcharge; any incentives earned for the Share the Savings metric and the LMI Customer Savings metric will be allocated to all firm and non-firm customers based on the total gas deliveries allocator; any incentives earned for the Gas Peak Reduction metric will be allocated to all firm customers based on the peak sendout allocator; an illustrative example of the EAM calculation is shown in Appendix 3, Schedule 9 for KEDNY and Appendix 4, Schedule 9 for KEDLI;
- (ii) Further clarify their non-firm demand response service classifications to clearly provide for waiver of alternative fuel requirements for customers that are able to cease gas consumption during interruption events;
- (iii) Revise their non-firm demand response service classifications to provide that non-firm customers with automatic switching equipment must provide 120 days’ notice to choose a tier for the upcoming winter period

commencing November 1. For the winter period commencing November 1, 2021, customers must provide 60 days-notice (or notice of no less than 15-days after issuance of a Commission order adopting the terms of this Joint Proposal, whichever is shorter) to choose a tier. Customers with automatic switching equipment that do not request a specific tier will be placed in Tier 1. Within 45 days of the filing of this Joint Proposal, the Companies will conduct outreach (*e.g.*, mailings and other targeted communications) to non-firm customers regarding the anticipated changes to the non-firm demand response program and pricing;

- (iv) Eliminate the mid-year adjustment to the annual cost of gas imbalance factor;
- (v) Eliminate the mid-year adjustment to the MFC annual imbalance factor;
- (vi) Update provisions relating to the Annual Cost of Gas Imbalance surcharge/refund calculation. In the “Total Actual Gas Credits” section, the fourth component, the Non-Firm Demand Response Penalty Refund that is used in the reconciliation was inadvertently excluded in the tariff.
- (vii) Update provisions relating to the GSRS;
- (viii) Update provisions relating to the customer billing charge to include SC 9 (KEDLI only);
- (ix) Modify the SC4A-CNG (KEDNY) and SC9 (KEDLI) tariff to offer an interruptibility option for new NGV customers;
- (x) Amend their Area of Development Rider and Business Incentive Rates;

- (xi) Expand KEDNY's energy efficiency participation to the following service classifications: SC 21 – Baseload Distributed Generation, SC 17-21 – Baseload Distributed Generation (firm service classification), SC 22 – Non-Firm Demand Response Sales Service and SC 18-22 – Non-Firm Demand Response Transportation Service. Expand KEDLI's energy efficiency participation to SC 17 – Baseload Distributed Generation, SC 5-17 – Baseload Distributed Generation (firm service classification), SC 18 – Non-Firm Demand Response Sales Service and SC 19 – Non-Firm Demand Response Transportation Service. The Non-Firm Demand Response service classifications will not be allocated any energy efficiency costs because their delivery rates are based on a discount from the otherwise applicable firm service classification whose base rates already include ETIP costs;
- (xii) Add tariff provisions regarding the Demand Capacity Surcharge Mechanism, which will identify the components included (incremental energy efficiency costs, Demand Response program costs, Long-Term Capacity project costs, and Incremental NE:NY budget costs) as well as the operation of the mechanism as further explained in Section IV.3.22 below;
- (xiii) Add tariff provision regarding Newtown Creek Revenue Reconciliation to include details regarding the annual targets and timing of the reconciliations in accordance with Section IV.3.2.2 – KEDNY only;

- (xiv) Eliminate Tax Reform Surcredit (TRS) from the General Information section. The Companies will also file a zero rate TRS statement on one-day notice before new delivery rates become effective;
- (xv) Update the marginal cost rates applicable to Excelsior Jobs Program (“EJP”) customers effective August 1, 2021, as shown in Appendix 3, Schedule 12 for KEDNY and Appendix 4, Schedule 12 for KEDLI; and
- (xvi) Discontinue the current lost revenue mechanism for non-RDM service classifications currently included in the calculation of the SBC as described on Tariff Leaves 138.50.1 and 119.50.1 for KEDNY and KEDLI, respectively.

In addition, (i) KEDNY will eliminate Service Classifications SC 1-BI – 3-5 Family Residential Heating Conversion Service and SC 17-BI – 3-5 Family Residential Heating Conversion Service, and (ii) the Companies will, within 120 days of the issuance of a Commission order adopting the terms of this Joint Proposal, file tariff revisions to streamline the general information sections of their tariffs in a manner consistent with the recommendations filed by Niagara Mohawk in Case 20-G-0381.

3.21 Green Gas Tariff

The Companies shall not implement their proposed Green Gas Tariffs during the term of the rate plans.

3.22 Demand Capacity Surcharge Mechanism

In Case 19-G-0678, the Commission approved a settlement agreement wherein the Companies agreed to identify potential solutions for addressing the gap between the Companies’ supply of natural gas and the forecast of firm demands of customers. As part of a portfolio of solutions to meet peak demand, the Companies have identified

opportunities to implement certain incremental non-infrastructure solutions (*i.e.*, demand response and incremental energy efficiency programs). As discussed in Section IV.5.3 of this Joint Proposal, the Companies are also considering certain Long-Term Capital Capacity Projects to address the supply/demand gap. To effectuate the recovery of costs associated with the incremental demand response, energy efficiency, and Long-Term Capital Capacity Projects discussed herein, the Companies will be permitted to implement a surcharge – the Demand Capacity Surcharge Mechanism – beginning in Rate Year Two.

3.22.1 Energy Efficiency

For any Commission-approved energy efficiency costs not already included in base rates as described in Section IV.7.1, the Demand Capacity Surcharge Mechanism implemented in Rate Year Two will be designed to enable the Companies to recover fifty percent of a forecast of incremental costs incurred in Rate Year Two. In all years following Rate Year Two, the Demand Capacity Surcharge Mechanism will be designed to recover the difference between actual costs and the fifty percent of the remaining costs incurred in the previous Rate Year including carrying charges as well as fifty percent of the costs forecast to be incurred in the year in which the Demand Capacity Surcharge Mechanism will be in effect. This Joint Proposal allows the Companies to recover the funds authorized for the entire NE:NY period more rapidly to assist with addressing the capacity issues identified in Case 19-G-0678. Therefore, recovery of incremental energy efficiency program costs through the Demand Capacity Surcharge Mechanism will be capped at the cumulative 2019-2025 budget, as adopted by the Commission in the NE: NY Proceeding, less previously recovered amounts and less the base NE:NY budget that is being recovered through base rates.

If, following the interim review scheduled to take place in the NE:NY Proceeding, the Commission authorizes additional budgets, the cap for the recovery of energy efficiency costs through the Demand Capacity Surcharge Mechanism will be updated accordingly.

To implement the energy efficiency portion of the annual Demand Capacity Surcharge Mechanism, the Companies will make annual filings (“Demand Side Management filings”) in Cases 19-G-0309 and 19-G-0310 that will describe the energy efficiency programs for which the Companies are seeking cost recovery and afford the Commission at least 150 days to determine whether the incremental energy efficiency programs should be undertaken and made eligible for cost recovery. In addition, in the Companies’ annual Demand Side Management filings, the Companies may seek to recover through the Demand Capacity Surcharge Mechanism incremental resources, including incremental internal labor and/or contractors, needed to implement Commission-approved energy efficiency programs. Budgets and targets for these incremental energy efficiency programs will be proposed and considered by the Commission through the annual filings.

3.22.2 Demand Response

With respect to demand response costs, the Companies will be permitted to recover through the Demand Capacity Surcharge Mechanism actual annual demand response spending in a manner similar to the energy efficiency recovery discussed above at Section IV.3.22.1. The amount of demand response spending eligible for recovery through the Demand Capacity Surcharge Mechanism for each Rate Year will be capped at the following levels:

<u>Year</u>	<u>KEDNY</u>	<u>KEDLI</u>
Rate Year Two	\$4.9 M	\$2.1 M
Rate Year Three	\$11.5 M	\$4.9 M
Stayout Period	\$13.5 M	\$5.8 M

To implement the demand response portion of the annual Demand Capacity Surcharge Mechanism, the Companies will make annual filings (as part of the Demand Side Management filings) that will describe the demand response programs the Companies will implement in the upcoming winter heating season and afford the Commission sufficient time to determine whether the incremental demand response programs should be undertaken. The Companies Demand Side Management filings will incorporate the reporting obligations contained in the Commission’s “Order Directing Implementation Plan Filing, Annual Reporting, and Tariff Modifications” (issued October 15, 2020) in Cases 20-G-0086 and 20-G-0087, including, *inter alia*, the costs incurred for the incremental demand response programs, total and new program enrollment, program performance, and an evaluation of the cost-effectiveness of each program component.

3.22.3 Long-Term Capacity Projects

For Long-Term Capital Capacity projects, the Demand Capacity Surcharge Mechanism will enable the Companies to recover an authorized revenue requirement (return on and return of) for the projects in the upcoming Rate Year as long as the project is in service prior to the beginning of the Rate Year. If a project is placed in service after the beginning of a Rate Year, in the following Demand Capacity Surcharge Mechanism filing the Companies’ will also be able to collect the eligible portion of that project’s revenue requirement from the preceding Rate Year in the next Demand Capacity Surcharge

Mechanism. The Long-Term Capital Capacity Project costs eligible for recovery will be determined in the manner set forth in Section IV.5.3 of this Joint Proposal.

3.22.4 Operation of the Mechanism

The new Demand Capacity Surcharge Mechanism will be included in the DRA and will be supported by a statement setting forth the costs being collected and their relationship to specific Long-Term Capital Capacity Projects. In addition, the Demand Capacity Surcharge Mechanism will be allocated among each Company's service classifications as follows:

- (i) Demand response costs and the costs of Long-Term Capital Capacity Projects will be allocated based on peak daily sendout to all firm service classifications; and
- (ii) Energy efficiency costs will be allocated based on gas deliveries to all firm and non-firm service classifications. Residential programs will be allocated to residential customers and commercial and industrial programs will be allocated to all firm and non-firm, non-residential classes.

The first Demand Capacity Surcharge Mechanism statement will be filed to become effective 90 days after the issuance of a Commission order adopting the terms of this Joint Proposal, to be recovered through June 30, 2022. For subsequent years until the Commission next sets rates, the Demand Capacity Surcharge Mechanism will be filed to become effective on July 1, to be recovered over a twelve-month period ending June 30.

An example of the Demand Capacity Surcharge Mechanism is set forth in Appendix 6, Schedule 11 for KEDNY and Appendix 7, Schedule 11 for KEDLI.

3.23 Next Base Rate Filing

3.23.1 Sales and Revenue Forecast

In their next base rate filings, the Companies will meet with Staff prior to filing to discuss potential options for developing a methodology to normalize data prior to commencing the Ogive process.

3.23.2 Embedded Cost of Service

In their next base rate filings, the Companies will submit for informational purposes ECOS studies that classify distribution main costs as 100 percent demand-related as part of their response to pre-filing information requests to the active parties to these proceedings. The Companies will not be required to use the results of those studies for any purpose.

4. Computation and Disposition of Excess Earnings

4.1 Earnings Report

By August 31 of each year, commencing in 2021, the Companies will file earnings reports using the methodology described in this Section and shown in Appendix 5. The earnings reports will be used for the Earnings Sharing Mechanisms set forth in Section IV.4.3 below.

The earnings reports will calculate the Companies' ROEs for the preceding Rate Year using capital structures with equity components equal to 48 percent and incorporating the adjustments set forth below. In the event of a partial or "stub" period, the earnings sharing threshold of greater than 9.3 percent will be prorated to develop a stub period earnings sharing threshold. The stub period will be calculated by adjusting the actual average rate base for that period by an operating income ratio factor. The operating income

ratio factor will be calculated as the ratio of operating income during the same partial period in the previous Rate Year to the total operating income for that Rate Year. An example of the calculation for the stub period is shown in Appendix 5.

4.2 Discrete Incentives and Revenue Adjustments

The Companies will calculate their individual ROEs by excluding the effects of discrete incentives, amounts previously in excess of earnings thresholds, and negative and positive revenue adjustments.

4.3 Earnings Sharing Mechanism

If the Companies' actual individual ROEs in any Rate Year, excluding discrete incentives, amounts previously in excess of earnings thresholds, and negative and positive revenue adjustments exceeds 9.3 percent, the amount in excess of 9.3 percent will be deemed "shared earnings" for the purposes of this Joint Proposal and be treated as follows:

4.3.1 Sharing > 9.3% and < 9.8%

If the level of earned ROEs for the individual Companies exceeds 9.3 percent but is less than or equal to 9.8 percent, 50 percent of the revenue equivalent of earnings will be deferred for the benefit of customers and 50 percent will be retained by the affected Company.

4.3.2 Sharing > 9.8% and < 10.3%

If the level of earned ROEs for the individual Companies exceeds 9.8 percent but is less than or equal to 10.3 percent, 75 percent of the revenue equivalent of earnings will be deferred for the benefit of customers and 25 percent will be retained by the affected Company. The Companies will use 50 percent of their retained earnings under this Section

IV.4.3.2, if any, to reduce regulatory asset balances associated with Site Investigation and Remediation (“SIR”) activities.

4.3.3 Sharing > 10.3%

If the level of earned ROEs for the individual Companies exceeds 10.3 percent, 90 percent of the revenue equivalent of earnings will be deferred for the benefit of customers and ten percent will be retained by the affected Company. The Companies will use 50 percent of their retained earnings under this Section IV.4.3.3, if any, to reduce regulatory asset balances associated with SIR activities.

5. Capital Investment Levels and Operations & Maintenance (“O&M”)

5.1 Commitment to Non-Pipe Alternatives

Where possible, the Companies will make evaluations of possible Non-Pipe Alternatives (“NPAs”) a standard item before proceeding with the construction of new or replacement gas transmission and distribution infrastructure. Notwithstanding this commitment, the Companies will not be restricted from proceeding with investments in new or replacement facilities that are necessary to comply with any and all laws, rules, regulations, or orders of the Commission or other regulatory body having jurisdiction or to respond to an emergency as determined by the Companies. The Companies will be permitted to defer the costs of all LPP NPAs that are completed.

5.2 Capital Investment Levels

KEDNY’s capital investments underlying the rates in this Joint Proposal (including cost of removal) are as follows:

Categories	Rate Year One	Rate Year Two	Rate Year Three
Customer Connections	50,806,021	82,785,334	95,097,819
Mandated	433,618,079	510,195,410	506,527,860
Reliability	82,698,469	123,204,600	63,463,671
Non-Infrastructure	7,707,336	8,153,079	8,252,801
Facilities/Customer	6,375,000	17,450,000	10,250,000
Fleet/IMWM	1,250,000	1,550,000	750,000
Future of Heat	58,960	58,960	58,960
Total	\$582,513,865	\$743,397,383	\$684,401,111

Appendix 1, Schedule 5 sets forth KEDNY's forecast level of capital investment, except for certain Long-Term Capital Capacity Projects described more fully below in Section IV.5.3 of this Joint Proposal, by program for each Rate Year, as well as the Stayout Period.

KEDLI's capital investment levels underlying the rates in this Joint Proposal (including cost of removal) are as follows:

Categories	Rate Year One	Rate Year Two	Rate Year Three
Customer Connections	50,306,304	61,042,929	57,466,291
Mandated	230,976,071	261,781,945	280,417,870
Reliability	80,468,152	134,381,651	72,064,190
Non-Infrastructure	3,381,970	4,410,956	4,442,467
Facilities/Customer	1,830,000	29,085,000	31,755,930
Fleet/IMWM	1,550,000	1,250,000	950,000
Future of Heat	26,800	26,800	26,800
Total	\$368,539,297	\$491,979,281	\$447,123,548

Appendix 2, Schedule 5 sets forth KEDLI's forecast level of capital investments except for certain Long-Term Capacity Projects, described more fully below in Section IV.5.3 of this Joint Proposal, by program for each Rate Year, as well as the Stayout Period.

Notwithstanding the specified segment-level spending amounts set forth above, nothing in this Joint Proposal is intended to limit KEDNY's or KEDLI's flexibility to substitute, change, or modify its capital projects during the terms of the Companies' respective rate plans.

5.3 Long-Term Capital Capacity Projects

In addition to the capital investments included in the revenue requirement as set forth in Section IV.5.2 above, the Companies will be afforded the opportunity to seek recovery of the revenue requirement associated with the following Long-Term Capital Capacity Projects through the Demand Capacity Surcharge Mechanism in accordance with the terms and conditions of this Joint Proposal. In addition to the traditional review of the Long-Term Capital Capacity Projects completed in these cases to date, the Joint Proposal provides for an independent assessment of the need for these projects over the term of the rate plans. As described below, this independent assessment will consider, *inter alia*, the Companies' forecasts for gas demand (as updated annually during the rate plans), project cost, reliability, alternative options, GHG emissions, and feedback from the public. Additionally, the recovery of these projects during the rate plan is conditioned on the Companies achieving metric targets for non-infrastructure solutions (*i.e.*, efficiency, demand response and electrification) to offset the need for additional gas supply infrastructure:

KEDNY

- Liquefied Natural Gas ("LNG") – Portable LNG NYC (Permitting, Site Work)
- LNG – Greenpoint Vaporization Expansion (13 and 14)
- LNG- Truck Load/Unload Station

Case 19-G-0309

Case 19-G-0310

- Compressed Natural Gas (“CNG”) – Staten Island CNG Fill Station (allocate 50 percent to KEDLI)
- LTN12058 - Elmhurst Reliability Project - PM
- LNG - Vaporizers 7 & 8 Replacement

KEDLI

- LTL10860 Riverhead Transmission Main – PM
- LTL10985 – Southeast Suffolk Infrastructure – Phase 1
- LTL10985 – Southeast Suffolk Infrastructure – Phase 2
- Northwest Nassau Transmission Main & Control Valve – Phase 3

The Long-Term Capital Capacity Projects set forth above are intended to be options when other solutions cannot timely, reliably or economically meet forecast demand. To recover the costs of the Long-Term Capital Capacity Projects identified above, the Companies will be required to demonstrate, as described more fully below, that the projects are necessary to ensure continued reliable service and that the Companies have met the Capacity Demand Metrics discussed more fully below.

The Companies will be permitted to recover the costs of the following Long-Term Capital Capacity Projects through the Demand Capacity Surcharge Mechanism solely by demonstrating compliance with the Capacity Demand Metrics:

- CNG - Glenwood CNG Injection Facility Upgrade
- CNG - Portable CNG 3rd Site (Barrett CNG Off Loading Facility)
- CNG - Portable CNG 4th Site (Inwood CNG Off Loading Facility)

To commence the process for recovering the costs of the Long-Term Capital Capacity Projects, the Companies will file reports with the Commission and all parties that

will address each project for which cost recovery is sought. The reports will identify the project(s) for which the Companies are seeking cost recovery, present the Companies' assessment of the need for the project to ensure continued reliable service, and demonstrate the Companies' performance under the Capacity Demand Metrics. The Companies may submit reports for single or multiple projects at the Companies' discretion. Members of the public will have thirty days from the date of submission of a report to submit comments. During the thirty-day comment period the Companies will conduct at least one stakeholder meeting to hear community feedback about the project.

The Companies shall retain a qualified independent consultant to be selected by Staff that will work at the direction of Staff to review the need for the Long-Term Capital Capacity Projects. The independent consultant(s) shall be nationally or regionally recognized individual(s) or firm(s) in the area of gas engineering and possess the requisite experience in planning and constructing natural gas distribution infrastructure so as to be qualified as an expert to analyze the need for the Companies' Long-Term Capital Capacity Projects. The Companies will engage and provide the independent consultant with such information as the consultant reasonably needs to complete and file its review within forty-five days of the filing of the Companies' report. The independent consultant will submit to the Secretary to the Commission a complete final public assessment of the Companies' projects that consider and addresses public comments. The independent consultant shall attend any stakeholder meetings and may participate at its discretion.

Staff and the Companies will commence the consultant selection process immediately upon the submission of this Joint Proposal in these proceedings. If the Companies present an objection to the continued use of a particular consultant selected by

Staff prior to the start of the review process for a particular year, Staff and the Companies will confer in good faith to discuss the potential replacement of the selected independent consultant.

In completing the engineering assessment for Long-Term Capital Capacity Projects, the independent consultant shall consider the following: (i) the Companies' need for the project to meet a reasonable forecast of customers' peak demand, based on the Companies' most recent forecast available; (ii) any safety and/or reliability benefits from the project; (iii) viable alternatives to the project that would ensure reliable service;¹¹ (iv) the All-In Cost of the project and a comparison of the All-In Cost of viable alternatives; (v) the greenhouse gas ("GHG") emissions attributable to the project and any viable alternatives; and (vi) any comments and analysis submitted by intervening parties and the public.

The standard to be applied in establishing the need for the Long-Term Capital Capacity Projects shall be that: (i) reasonably forecast peak customer demand requires the implementation of the projects to meet that demand; and (ii) alternatives that could meet that demand (or reduce or eliminate it)¹² cannot reasonably be expected to be available and operational in the timeframes necessary for a lower "All-In Cost."

The independent consultant's assessment will consider two measures of the All-In Cost. The first measure, All-In Cost per Design Dth/day for each considered project, will be calculated as [the sum of the fixed cost per year of the project plus the fixed Operations and Maintenance ("O&M") cost of the project (*i.e.*, total annual non-gas cost)] divided by

¹¹ Viable alternatives would need to be available in the same time frame as the proposed project.

¹² Such alternatives could include a different project or an energy efficiency or demand response measure.

[the projected Design Day Dth of use of project (to arrive at modeled per Dth of use non-gas cost)] plus the variable commodity cost per Dth of the project plus the variable O&M cost per Dth (if any). The second measure, All-in Cost per Dth of Estimated Use for each considered project, will be calculated as [the sum of the fixed cost per year of the project plus the fixed O&M cost of the project (*i.e.*, total annual non-gas cost)] divided by [the projected annual use of project (to arrive at modeled per Dth of use non-gas cost)] plus the variable commodity cost per Dth of the project plus the variable O&M cost per Dth (if any). The All-In Cost calculations are set forth below:

$$\begin{array}{l}
 \text{All-In} \\
 \text{Cost} \\
 \text{(Design} \\
 \text{Day)} \\
 = \\
 \left(\frac{\begin{array}{l} \text{the sum of the fixed cost per} \\ \text{year of the project + the fixed} \\ \text{O\&M cost of the project} \\ \text{(i.e., total annual non-gas cost)} \end{array}}{\begin{array}{l} \text{the projected Design Day Dth} \\ \text{of use of project (to arrive at} \\ \text{modeled per Dth of use non-} \\ \text{gas cost)} \end{array}} \right) + \begin{array}{l} \text{the variable} \\ \text{commodity} \\ \text{cost per Dth of} \\ \text{the project} \end{array} + \begin{array}{l} \text{the} \\ \text{variable} \\ \text{O\&M cost} \\ \text{per Dth} \\ \text{(if any)} \end{array} \\
 \\
 \text{All-In} \\
 \text{Cost} \\
 \text{(Estimated} \\
 \text{Use)} \\
 = \\
 \left(\frac{\begin{array}{l} \text{the sum of the fixed cost per} \\ \text{year of the project + the fixed} \\ \text{O\&M cost of the project} \\ \text{(i.e., total annual non-gas} \\ \text{cost)} \end{array}}{\begin{array}{l} \text{the projected annual use of} \\ \text{project (to arrive at modeled} \\ \text{per Dth of use non-gas cost)} \end{array}} \right) + \begin{array}{l} \text{the variable} \\ \text{commodity} \\ \text{cost per Dth of} \\ \text{the project} \end{array} + \begin{array}{l} \text{the} \\ \text{variable} \\ \text{O\&M cost} \\ \text{per Dth} \\ \text{(if any)} \end{array}
 \end{array}$$

The costs of the independent consultant as well as the reasonable costs of designing, engineering and permitting the Long-Term Capital Capacity Projects will be recovered through the Demand Capacity Surcharge Mechanism regardless of whether the Companies meet the Capacity Demand Metrics or the independent consultant confirms the need for the

project to meet reasonably forecast demand. The cost of Long-Term Capital Capacity Projects to be recovered through the Demand Capacity Surcharge Mechanism will be allocated to the firm service classifications based on peak sendout.

If, upon consideration of the Companies' reports and any public comments received, the independent consultant's assessment finds that Long-Term Capital Capacity Project is not needed at the time proposed by the Companies, the Companies shall not be permitted to recover the costs of the project through the Demand Capacity Surcharge Mechanism. The Companies may seek to have the Commission reconsider the independent consultant's assessment that a project is not necessary in a future rate proceeding on the basis of changed circumstances or any other basis permitted under the Public Service Law. Otherwise, the independent consultant's assessment of need will not be subject to review during the term of the Companies' rate plans.

5.3.1 Metropolitan Reliability Infrastructure ("MRI") Project Phase 5 – KEDNY Only

If KEDNY decides to pursue Phase 5 of the MRI Project, it shall file a petition with the Commission seeking approval to recover the costs of the project. The petition must be supported by justification as to why the project is needed and must include a report from the independent consultant selected as described Section IV.5.3 above. KEDNY shall not perform additional work on Phase 5 of the MRI Project unless and until the Commission has acted on the petition, and in a manner consistent with the Commission's determination in an order acting on such petition.

5.3.2 Capacity Demand Metrics

The Companies' ability to fully recover the costs of the Long-Term Capital Capacity Projects during the term of the rate plans is conditioned on the Companies' ability

to meet or exceed Capacity Demand Metrics as defined below. If and to the extent that KEDNY or KEDLI fails to meet one or more of the Capacity Demand Metrics in a Rate Year, the affected Company's recovery of costs for the project will be reduced as discussed in Section IV.5.3.3 below. The Capacity Demand Metrics are intended to ensure that the Companies are taking aggressive actions to promote energy efficiency, demand response and electrification and seeking to offset the need for additional gas supply infrastructure through non-traditional solutions. The Capacity Demand Metrics are as follows:

(i) Energy Efficiency – The Companies will meet the targets established by the Commission in the NE:NY Proceeding for energy efficiency. With respect to incremental energy efficiency programs being implemented pursuant to the Demand Side Management Filings, targets will be approved by the Commission as part of the Demand Side Management filings, and with respect to energy efficiency programs undertaken with NE:NY base rate funding, targets will be consistent with those approved by the Commission in the NE:NY Proceeding (Case 18-M-0084). The current energy efficiency targets and budgets for Rate Years One, Two, and Three, and the Stayout Period are set forth in Appendix 6, Schedule 11 and Appendix 7, Schedule 11.

(ii) Demand Response – The Companies have established a baseline of potential peak demand reduction from customers participating in the Companies' Demand Response Programs during the period November 1, 2020, through March 31, 2021, which is set at the total commercial and industrial daily enrollment of 17,790 Dth. This baseline will be escalated by ten percent for each remaining Rate Year of the rate plans. The Companies will meet or exceed the targets set pursuant to this paragraph.

(iii) Non-Pipes/Third Party Solutions – Beginning in Rate Year Two, the Companies must annually issue at least one request-for-proposal (“RFP”) seeking non-traditional, cost effective peak supply alternatives. The Companies will report on the results of the RFP(s) as part of their annual Capacity Project filings with the Commission as described below.

(iv) Electrification – Beginning in Rate Year Two, the Companies will collaborate with Consolidated Edison Company of New York, Inc. (“Con Edison”) and PSE&G Long Island and LIPA (collectively “PSEG-LI/LIPA”) regarding prospective customers who are potential candidates for electrification. As set forth in the chart below, a minimum number of customers will be referred annually to Con Edison and PSEG-LI/LIPA to determine if the customers are interested in electrification. Within 60 days of the issuance of a Commission order adopting the terms of this Joint Proposal, the Companies will meet with Staff and other interested parties to develop referral materials, including any associated customer service scripts. Prior to the initial meeting, the Companies shall provide draft materials to Staff and other interested parties. Within 30 days of the meeting, the Companies shall provide revised drafts of the materials that reflect, to the extent possible, the feedback of the parties. The Companies will compile the data on the number of referrals to Con Edison and PSEG-LI/LIPA on an annual basis. The Companies will undertake reasonable efforts to determine from customers whether Con Edison or PSEG-LI/LIPA have connected with the referred customers. The Companies will make at least the number of referrals set forth below.

<u>Year</u>	<u>Con Edison</u>	<u>PSEG-LI/LIPA</u>
2021	75	125
2022	160	260
2023	170	270
2024	180	280

(v) Leak-Prone Pipe – NPAs – Beginning in Rate Year Two, the Companies will annually identify at least five segments of LPP in each of the Companies’ service territories that could be abandoned if all customers’ natural gas loads are met with cost-effective NPAs that would allow the section of LPP to be abandoned. For each such section of LPP, the Companies will consider NPAs allowing the section of LPP to be abandoned, or otherwise demonstrate that abandonment of such section of LPP is not possible. The LPP projects identified pursuant to this section will count toward the minimum amounts of LPP required to be replaced regardless of whether the pipe segments are replaced or abandoned. The projects identified pursuant to this paragraph are not eligible for a shareholder incentive under any NPA incentive mechanism established under this Joint Proposal.

5.3.3 Cost Recovery Through The Demand Capacity Surcharge Mechanism

The Companies will be permitted to defer and recover the pre-tax weighted average cost of capital and depreciation expense associated with each of the Long-Term Capital Capacity Projects through the Demand Capacity Surcharge Mechanism described in Section IV.3.22, above, subject to the following conditions:

(i) Capital Capacity Projects placed in service in Rate Year One – Beginning in Rate Year Two, the Companies will be permitted to recover the deferred and ongoing revenue requirements associated with Long-Term Capital Capacity Projects placed in service in Rate Year One (*i.e.*, CNG Glenwood Injection Facility Upgrade and CNG

Inwood Off Loading Facility) as well as the Rate Year Two associated revenue requirement, provided that the Companies meet the targets for the shareholder-funded demand response and energy efficiency programs proposed in Case 19-G-0678 for the winter of 2020/2021, as described in the Companies' summary document updated as of June 23, 2020, in that proceeding.

(ii) Capital Capacity Projects placed in service in Rate Years Two and Three –

The Companies' ability to recover the deferred and ongoing revenue requirements associated with Long-Term Capital Capacity Projects as identified above will be affected by the independent consultant's review of the project and the Companies' ability to meet the Capacity Demand Metrics. To the extent the Companies fail to meet one or more of the Capacity Demand Metrics, the Companies' ability to recover the revenue requirements associated with Long-Term Capital Capacity Projects through the Gas Demand Capacity Surcharge Mechanism will be reduced as follows:

Rate Year One	
Capacity Demand Metrics	Weight
Energy Efficiency	50%
Demand Response	25%
Failure to meet both of the above metrics	25%

Rate Years Two and Three	
Capacity Demand Metrics	Weight
Energy Efficiency	25%
Demand Response	15%
Non-Pipe/Third Party Solutions	15%
Electrification	15%
Leak Prone Pipe NPAs*	15%
Failure to meet all 5 of the above metrics	15%

For example, if the Companies fail to meet the Energy Efficiency metric during Rate Year Two, their ability to recover revenue requirements would be reduced by 40 percent (25

percent for failing to meet Energy Efficiency targets and 15 percent for failing to meet all of the metrics).

5.3.4 Continuation of the Demand Capacity Surcharge Mechanism

The Demand Capacity Surcharge Mechanism is a unique cost recovery mechanism that is being established for the purposes of these rate proceedings only. The Long-Term Capital Capacity Projects portion of the Demand Capacity Surcharge Mechanism will remain in effect, provided the Companies continue to meet the targets for the Capacity Demand Metrics, until the Companies' base rates are next set by the Commission. Nothing herein will prevent the Companies from seeking recovery of prudently incurred capital investments, including those associated with the Long-Term Capital Capacity Projects, in future rate proceedings. Nor shall there be any presumption that the Demand Capacity Surcharge Mechanism will continue in subsequent rate proceedings.

5.3.5 Reporting Requirements

The Companies will file quarterly reports containing updated demand response forecasts, actions to implement energy efficiency and demand response programs and the status of the Companies' performance under the Capacity Demand Metrics. These reports will be filed no later than thirty days after the end of each calendar year quarter.

5.4 Use of NRA Balances to Fund Certain Programs

The Companies' existing NRA balances shall be used to fund (i) the Expanded Residential Methane Detection Program, and (ii) the Instrument and Regulation ("I&R") Control Line Survey and GPS Mapping program. No amounts are included in the Companies' revenue requirements for these programs.

5.5 Capitalization Changes

The Companies shall be authorized to capitalize all main installations regardless of length.

5.6 Capital Reporting

Prior to the beginning of Rate Year Two and Rate Year Three, the Companies will file with the Secretary to the Commission their LPP prioritization summaries identifying the proposed projects and their estimated costs, an inventory of Type 3 leaks on each system, and the approved five-year capital plan in the same format as Exhibit __ (GIOP-1).

The Companies will file quarterly variance reports to Staff within 45 days after the end of each of the first three calendar quarters of each Rate Year. The quarterly reports shall be in the same format as Exhibit __ (GIOP-1) and will include explanations for variances between approved budgets and the actual expenditures, as well as details on the progress of LPP retirement mileage, Type 3 leaks repaired, and a summary of the current Type 3 leak inventory.

The Companies will file annual reports not later than 60 days after the end of the last quarter in each Rate Year, which shall include: (1) a final variance summary of capital expenditures for all capital projects and programs, including all on-going and active construction projects and programs in the same format as Exhibit __ (GIOP-1); (2) a narrative explaining any cost or timeline differences exceeding ten percent; (3) a narrative on project design, permitting and/or construction status (including a detailed construction schedule for each project) for any ongoing projects; (4) a description of any new projects or programs; and (5) capital project sanctioning documents for any projects.

5.7 Low Pressure Main Valve Installations

The Companies will file with the Secretary to the Commission, no later than December 31, 2021, an analysis to determine locations, other than through the LPP Replacement Programs, where low pressure main valves should be installed. Locations shall be chosen based on limiting the scope and duration of outages, include locations where human health and safety are likely to be affected, and minimize the potential for fugitive methane emissions through the uncontrolled release of natural gas. The analysis will include a prioritized list of valves to be replaced based on a risk ranking, a list of the valves the Companies proposes to install and their locations, the justification for each valve selected, and the forecast cost associated with each installation. The budgets for low pressure main valve installations are limited to \$5.0 million in Rate Year Two and \$6.7 million in Rate Year Three for KEDNY, and \$0.8 million in Rate Year Two and \$1.3 million in Rate Year Three for KEDLI.

5.8 Service Line Proceeding

The Companies will file a procedure within ninety days of the issuance of a Commission order adopting the terms of this Joint Proposal by which they will establish tariff penalties to be assessed to customers that do not cooperate with inside service line inspections (*e.g.*, after one refusal, two scheduled and then cancelled appointments, or failure to respond to notifications). The amounts recovered through assessment of the penalties will be used to offset the costs of service line inspections. Service line inspections should be coordinated with other activities whenever reasonably feasible.

5.9 Research and Development

The Companies will file a plan within ninety days after the issuance of a Commission order adopting the terms of this Joint Proposal to propose a plan for the development of advanced utility detection devices for residential methane detection.

5.10 Local Law 152

During the term of the rate plans, the Companies will conduct their service line inspections independently of any service inspections required to be performed by third parties under Local Law 152. The Companies will also consult with the City of New York regarding Local Law 152 and file within ninety days after the issuance of a Commission order adopting the terms of this Joint Proposal a petition requesting a pilot program for alternative re-inspection intervals. In preparing such petition, the Companies will consider the “Order Granting Consolidated Edison Company Request for Authorization to Survey and Inspect Inside Gas Services in Alternative Intervals on a Pilot Basis with Conditions,” issued in Case 15-G-0244 on October 21, 2019. The Companies’ petition shall include a proposal to offer incentives to third parties to perform survey/inspection work in residential rental spaces on behalf of the Companies, or a report that explains why such a plan would not be feasible or cost effective.

5.11 Residential Methane Detection Programs

Within ninety days after the end of each Rate Year (beginning in Rate Year Two), the Companies will file an annual report setting forth their deployment strategies with respect to residential methane detectors and the costs the Companies have incurred to date.

5.12 Relocation of Inside Gas Meters

The Companies will relocate gas meters that are located inside a customer's premises and install them outside when performing any planned service line replacements (whether by insertion or direct burial), new service installations that offer the customer and the Companies the opportunity to relocate meters outside (*e.g.*, major renovation projects), and other opportunities where work can feasibly be performed. The Companies may also consider whether and where to relocate meters if the premises are located in a flood plain (*e.g.*, elevating the gas meter to a higher location). The following exceptions will apply to the Companies' obligation to relocate inside gas meters: (i) where the customer refuses to provide consent to such relocation; (ii) where local building codes, regulations, or authorities preclude such relocations; (iii) where exterior or interior obstacles, space constraints, or physical barriers preclude such relocations; (iv) when the work involved is an emergency service line repair or replacement; (v) where relocation requires extensive interior or exterior restoration and/or complicated interior piping work that would involve excessive costs or present increased operational risks for the Company and/or customer; or (vi) where the gas meter should not be moved outside for safety reasons. Customers who already have services installed, and who have no greater than two dwelling units, will be moved to a list of customers for meter relocation at a later date unless one of the above exceptions apply. The Companies will also make reasonable efforts to relocate for premises that are greater than two dwelling units and where none of the above indicated exceptions apply. Customers that refuse to move meters outside: (1) will be asked to sign a form explaining the reason(s) for refusal and stating that they are aware of the benefits of having their meters outside; and (2) will be subject to charges for future costs related to

survey/inspection of inside piping in accordance with the Companies' applicable tariff provisions.

The Companies will develop plans to address any remaining meters that are not located in a readily accessible location and file those plans in connection with their next rate proceedings. In instances where one or more of the above exceptions apply, the Companies will track and document each customer meter they do not relocate outside, as well as the reason(s) the relocation was not performed. The Companies will file with the Commission an annual report by April 1 of the following calendar year that includes: (1) the number of meters relocated outside; (2) the number of meters left inside; and (3) of the meters left inside, the specific reason that the meters were not moved and the number that involved service replacements by installation of a new service line in premises for one and two family homes.

The Signatory Parties recognize that there are issues associated with the interpretation of the NYC Department of Buildings rules regarding inside meter relocations. To that end, beginning in Rate Year Two, KEDNY and Staff will use good faith efforts to meet with NYC on a periodic basis to discuss issues related to relocating inside meters in NYC and work to reach a mutually agreeable resolution.

5.13 Pipeline Emergency Responders Initiatives and First Responder Training

Beginning in Rate Year Two, the Companies will adopt the principles of the Pipeline Emergency Responders Initiative and will conduct regular drills with local fire departments and municipalities. The Companies will provide, within ninety days of the end of each Rate Year, an annual report detailing its progress including, but not limited to, the date and times of the drills, who was in attendance, what topics were reviewed, and any

applicable recommendations. The Companies will also implement their revised First Responder Training program beginning in Rate Year Two.

5.14 City State Construction (“CSC”) Program

The Companies agree to appoint a management-level contact to work with NYC to improve coordination on infrastructure projects, including enhanced coordination on CSC projects and discussions around implementing a new CSC cost sharing agreement. The Companies will seek to hold at least one meeting in each quarter of Rate Years Two and Three with NYC.

5.15 Green Infrastructure Efforts

The Companies agree to work with NYC on a process for protecting green infrastructure assets, including identifying a central point of contact for green infrastructure issues such as construction coordination and damage claims. Where possible, National Grid will endeavor to install infrastructure with consideration to the future implementation of green infrastructure assets.

5.16 LPP Algorithm

KEDNY will continue to apply its algorithm for risk ranking LPP such that where pipe segments have equal risk rankings, priority will be given to removing LPP in designated flood zones. KEDNY will also consider methane flow rate data (*i.e.*, the volume of methane emissions released over time) as a factor in prioritizing LPP for removal.

5.17 Enhanced High Emitter Methane Detection Program

The Companies will develop an Enhanced High Emitter Methane Detection Program that will target leaks of ten standard cubic feet per hour or greater for repair or

replacement to reduce methane emissions from the distribution system and prevent lost gas. The scope of the program is identified in Appendix 9. The Companies will hire an advanced leak detection contractor to aid in prioritizing for repair possible large emitters within areas previously identified as possible high leak concentration areas, and begin advanced leak surveying within twelve months of the issuance of a Commission order adopting the terms of this Joint Proposal.

5.18 Leak Detection Pilot Program

The Companies will continue to collaborate with EDF on programs to deploy advanced leak detection technology.

5.19 Buried Vent Lines

During the term of the rate plans, the Companies' shareholders shall be responsible for the funding of buried vent line programs. Nothing herein shall preclude the Companies from proposing to recover the costs of buried vent line programs in future rate proceedings.

5.20 Plastic Fusion Quality Assurance/Quality Control ("QA/QC") Re-digs Inspection Program

The Companies will defer the commencement of their Plastic Fusion QA/QC Re-dig programs until Rate Year Two.

5.21 Construction Safety Inspections

The Companies will defer the commencement of their Construction Safety Inspection Programs until Rate Year Two. During the term of the rate plans, the Companies will work towards a modified 1:1 and 1:2 inspector to contractor crew ratio depending upon the work being inspected, and work to ensure adequate levels of on-site inspections and oversight for all contractor crews, including field verification of operator

qualifications, work methods and construction standards/procedures compliance, and work scope documentation.

5.22 LNG Facility Upgrade

In Rate Year One, KEDLI will conduct engineering and design studies for the upgrade of its Holtsville LNG facility. KEDNY will conduct such studies for its Greenpoint LNG facility in Rate Year Two. The Companies will submit reports to the Secretary to the Commission in Rate Year Two for KEDLI and KEDNY concerning their plans to upgrade the LNG facilities.

5.23 Inactive Accounts

The Companies will continue to follow their current process of immediately performing a site analysis on every inactive account site to determine whether conditions warrant immediately disconnecting the service, and, if so, disconnecting the service within 24 hours. For those sites that do not present an urgent circumstance, the Companies' current process is designed to resolve inactive accounts within 60 days. Within six months of the issuance of a Commission order adopting the terms of this Joint Proposal, the Companies will meet with Staff and other interested parties to discuss potential enhancements to the inactive accounts process. The Companies will be allowed to defer up to \$1.0 million in each Rate Year (including the Stayout Period) to fund any agreed upon enhancements to the inactive account process. The Companies will make an informational filing with the Commission detailing any agreed upon enhancements and their estimated costs. The Companies will file with the Secretary to the Commission a comprehensive annual inactive account program report no later than 60 days following the close of each calendar year. The first report will be filed in 2023 for CY22 data. The report

will include, at a minimum: (1) the total number of inactive accounts, broken down by a unique identifier, whether the inactive account site is occupied or unoccupied, and the number of days of inactivity entering the calendar year; (2) the total number of occupied and unoccupied accounts, broken down by a unique identifier, that were visited during the calendar year and when they were visited during the calendar year; (3) the course of action (*e.g.*, locking the meter, disconnecting the service, entering the replevin process, etc.) taken by the Companies for each inactive account, broken down by a unique identifier; and (4) the total number of inactive accounts broken down by a unique identifier, whether the residence is occupied or unoccupied and the number of days of inactivity at year's end. The Companies will provide Staff with additional inactive account data, to the extent reasonably available, upon request. The data shall be provided to Staff within 20 days of the request date.

5.24 Additional Safety Programs

During the term of the rate plans, the Companies will implement additional safety plans or plan enhancements as follows:

- (i) Pipeline Safety Management and Damage Prevention Advisor Program -
The Companies will implement program enhancements beginning in Rate Year Two;
- (ii) Instrumentation and Regulation Training and Test Lab – The Companies will implement their proposed program in Rate Year Two;
- (iii) Gas Control Standard Operating Procedure Training – The Companies will implement their proposed program in Rate Year Two;
- (iv) Field Evaluation Training – The Companies will implement their modified

program beginning in Rate Year Two; and

- (v) Plastic Fusion In Process Inspection Program – The Companies will implement their modified program beginning in Rate Year Two.

6. Information Technology

6.1 Information Technology Capital Investment Level

Both KEDNY and KEDLI's rates include costs associated with Information Technology ("IT") capital investments that are owned by National Grid USA Service Company, Inc. ("Service Company") and allocated to the Companies in the form of rent expense. Rent expense includes the return on, and the amortization or depreciation of, current IT capital investments along with incremental IT capital investments that are forecast for the Rate Years. The incremental IT capital investment is \$150 million in each of the Rate Years. These costs do not include costs associated with the Gas Business Enablement ("GBE" Program), which is described in Section IV.6.2 below, or costs associated with the Customer Information System ("CIS"), which is described in Section IV.6.3 below. Appendix 1, Schedule 6 and Appendix 2, Schedule 6 set forth the IT capital investment plan by program. The schedules reflect actual capital spending through March 31, 2020, and the incremental capital investment forecast from March 31, 2020, through each Rate Year. Notwithstanding the specified program-level spending amounts shown in Appendix 1, Schedule 6 and Appendix 2, Schedule 6, nothing in this Joint Proposal is intended to limit the Companies' flexibility during the term of the rate plan to substitute, change, or modify the IT capital projects. Section IV.6.4 describes the downward-only Service Company Rents Net Utility Plant and Depreciation Expense Reconciliation Mechanism applicable to IT and GBE capital investments.

6.2 Gas Business Enablement

The Companies will continue to implement the GBE Program, the scope of which is more fully described in Appendix 1, Schedule 6 and Appendix 2, Schedule 6 during the term of the rate plans. The GBE Program is a shared investment across all National Grid USA operating companies that will be implemented and owned by Service Company, with a portion of the costs allocated to the Companies.

6.2.1 GBE Program Total Cost Cap

For purposes of determining the Companies' allocable shares of GBE Program costs, the total Service Company costs, comprised of capital and project operating expenses related to capital expenses, for the GBE Program will be capped at \$515.5 million for the work identified by the Companies to be conducted through Rate Year Three.¹³ In future rate proceedings, the Companies may seek recovery of costs in excess of this cap that are associated with incremental investments in the GBE Program beyond those described in Appendix 1, Schedule 6 and Appendix 2, Schedule 6 as long as the incremental costs are justified by measurable incremental benefits.

6.2.2 GBE Program Capital Investment Levels

The Companies' revenue requirements include the costs of GBE Program capital investment charged to the Companies by the Service Company as a rent expense. The rent expense charged to the Companies for the GBE Program includes the return on, and the amortization and depreciation of, the Companies' allocated portion of current GBE Program capital investments along with incremental GBE Program capital investments that

¹³ For example, if work the Companies had forecast to conduct through Fiscal Year 2023 does not occur until after Fiscal Year 2023, the performance of that work would still be subject to the cap specified above.

are forecast for the Rate Years. The Companies' forecasts of capital expenditures reflect the following levels of Service Company capital investment for the GBE Program during the term of the rate plans: \$305.27 million balance at March 31, 2020, and \$75.12 million in Rate Year One, as shown in Appendix 1, Schedule 6 and Appendix 2, Schedule 6. Section IV.6.4 describes the downward-only Service Company Rents Net Utility Plant and Depreciation Expense Reconciliation Mechanism applicable to IT and GBE Program capital investments. Notwithstanding the specified program level spending amounts shown in the Schedule, nothing in this Joint Proposal is intended to alter the Companies' flexibility during the term of the rate plans to substitute, change, or modify the timing of its GBE Program capital investments to deliver the scope of the GBE Program.

6.2.3 GBE Program Key Performance Indicators

The Companies will measure and report on six key performance indicators ("KPIs") that are intended to demonstrate successful delivery of GBE Program capabilities. The GBE KPIs are: (i) the average number of completed Customer Meter Services ("CMS") jobs per worker per day; (ii) the average feet of main replaced per Maintenance and Construction ("M&C") worker per day; (iii) work orders processed each year per each full-time equivalent ("FTE") engineering clerical employee; (iv) total call volume related to customer moves and non-moves per year; (v) total number of gas safety non-compliance occurrences per year; and (vi) the Companies' customer experience (effort) rating based on customer surveys. Appendix 10, details how each KPI is defined and calculated. The Companies will report on each GBE KPI on an annual basis as discussed in Section IV.6.2.4.

At the end of Fiscal Year 2024, the Companies will measure delivery of GBE Program capabilities based on performance across the Fiscal Year 2024 KPI targets. The Fiscal Year 2024 GBE KPIs, weighting, and targets are set forth in Appendix 10, Page 1 (for KEDNY) and Page 5 (for KEDLI).

Illustrative examples of the GBE KPI performance measurement are provided in Appendix 10, Pages 2 through 4 (for KEDNY) and Pages 6 through 8 (for KEDLI). To the extent the Companies fail to meet the Fiscal Year 2024 KPI targets (net of any offsets discussed below), the Companies will record regulatory liabilities to return (as applicable) to customers (i) all or a portion of KEDNY's \$34 million share of GBE Program investment costs for enhanced capabilities beyond system replacement for KEDNY, and/or (ii) all or a portion of KEDLI's \$15.9 million share of GBE investment costs for enhanced capabilities beyond system replacement for KEDLI.

As illustrated on Appendix 10, Pages 1 through 4 (for KEDNY) and Pages 5 through 8 (for KEDLI), in the event either of the Companies outperform on any individual GBE KPI, the value of such outperformance, expressed as a dollar value of business case benefits for the GBE Program, may be re-allocated to any underperforming KPIs subject to the following: (i) an underperforming GBE KPI may be improved by no more than 50 percent of business case benefits (as set forth in Appendix 10, Pages 1 through 4 (for KEDNY) and Pages 5 through 8 (for KEDLI)); and (ii) the value of all GBE KPIs after re-allocation is subject to a cap of 100 percent of its associated KEDNY or KEDLI business case benefits, as applicable.

In the event of any unforeseen circumstances, changes in law or regulation, or other events that impact the underlying assumptions used to develop the GBE KPI performance

targets, such that the KPI targets are no longer reasonable measures of the Companies' performance, the Companies and Staff may, by mutual agreement subject to Commission approval, equitably adjust the GBE KPI targets upward or downward to address such changes. In addition, the Companies' failure to perform under any GBE KPI will be excused if the Companies can reasonably demonstrate that the failure to perform was caused by any unanticipated or anomalous circumstances or events outside of the Companies' control and materially affected or delayed the Companies' performance with respect to the affected KPI.

6.2.4 GBE Program Reporting

The Companies will file a quarterly GBE Program report with the Secretary to the Commission within 60 days after the end of each quarter of each Rate Year. The report will address the status of the GBE Program and budget, including: (i) a narrative explaining overall GBE Program status; (ii) detail on budgets and actual spending for the GBE Program; (iii) identification of allocations of GBE Program costs to the Companies; and (iv) explanations of variances between budgets and actual spending. In the report for the last quarter of each Rate Year (quarter ending March 31), the Companies will also include (i) any cost or timeline differences that exceed ten percent for the Rate Year; (ii) the Rate Year's GBE KPI performance; (iii) the number and length of the customer appointment windows (currently two-hour intervals (*e.g.*, 8 a.m. to 10 a.m.)) and non-appointment commitment windows (currently either 8 a.m. to 4 p.m., or 4 p.m. to 8 p.m.) offered to customers during the Rate Year; and (iv) the latest GBE Program sanction paper authorized during that Rate Year.

The Companies will hold semi-annual meetings with Staff to: (i) discuss budget and actual GBE Program spending to date; (ii) provide an update on the status of GBE Program initiatives that have been undertaken; and (iii) review quarterly filings.

6.2.5 GBE Program Costs Reflected in Revenue Requirements

The GBE Program costs reflected in the revenue requirements underlying this Joint Proposal exceed the GBE Program costs approved for Niagara Mohawk and reflect in-service dates for the program that extend beyond those approved for Niagara Mohawk, as adopted by the Commission in Cases 17-E-0238 and 17-G-0239.¹⁴ The Signatory Parties agree that nothing in this Joint Proposal shall affect the continuation of the current GBE-related provisions adopted by the Commission in its Niagara Mohawk Rate Order or serve as a basis for changing any provision concerning the GBE Program as it pertains to Niagara Mohawk.

6.3 Customer Information System (“CIS”)

The Companies’ revenue requirements in Rate Year One reflect operating expenses of \$1.0 million for KEDNY and \$0.4 million for KEDLI for a new CIS. No CIS-related capital expenditures are reflected in the revenue requirements for any Rate Year and no CIS-related operating expenses are reflected in the Companies’ revenue requirements for Rate Years Two or Three. The Companies may, at any time during the rate plans, file a petition with the Commission setting forth its proposed CIS project and seeking authorization to defer CIS-related developmental costs. Such a petition will not be subject to the materiality threshold that normally applies to deferral petitions. In any such petition,

¹⁴ Cases 17-E-0238 *et al.*, *Niagara Mohawk – Electric and Gas Rates*, “Order Adopting Terms of Joint Proposal and Establishing Electric and Gas Rate Plans” (issued March 15, 2018) (Niagara Mohawk Rate Order).

the Companies will submit a detailed description and estimate of the CIS costs they seek to defer. The petition shall also include, at a minimum, the Companies' sanction papers that demonstrate the project and associated costs were approved by all required National Grid management; an updated business case; a detailed project implementation timeline; and proposed key performance indicators. The Companies will also, as part of any such petition, identify the costs and benefits of certain CIS upgrades recommended in these proceedings by PULP to enable the Commission to determine whether the Companies should include such upgrades in the CIS project. In the absence of Commission deferral authority for the costs of PULP's proposed CIS upgrades, the Companies shall have no obligation to include PULP's upgrades in their CIS.

6.4 Service Company Rents, IT and GBE Net Utility Plant and Depreciation Expense Reconciliation Mechanism

The Companies will implement a downward-only IT and GBE Net Utility Plant and Depreciation Expense Reconciliation Mechanism. Each Rate Year, the Companies will reconcile their respective actual IT and GBE Program average net utility plant and depreciation expense revenue requirements to the forecast revenue requirements as set forth below and shown on Appendix 6, Schedule 13 for KEDNY and Appendix 7, Schedule 13 for KEDLI. This mechanism will not continue beyond Rate Year Three except that if the Companies are below their respective targets at the end of Rate Year Three, the mechanism will continue until the targets have been met.

Company	Rate Year One	Rate Year Two	Rate Year Three
IT and GBE KEDNY	\$19.596 million	\$20.932 million	\$33.048 million
IT and GBE KEDLI	\$11.119 million	\$17.501 million	\$20.455 million

The IT and GBE Program average net utility plant and depreciation expense revenue requirement will be calculated by applying the Companies' respective pre-tax weighted average costs of capital in the respective Rate Years to the IT and GBE Program average net utility plant balances and adding the depreciation expense to the product.

The difference between the actual IT and GBE Program average net utility plant and depreciation expense revenue requirement and the target average net utility plant and depreciation expense revenue requirement will carry forward for each Rate Year and be summed at the end of Rate Year Three for KEDNY and KEDLI, respectively. As illustrated in Appendix 6, Schedule 13 for KEDNY and Appendix 7, Schedule 13 for KEDLI, if, at the end of Rate Year Three, the cumulative actual IT and GBE Program average net utility plant and depreciation expense revenue requirements are negative, the Companies will defer the revenue requirement impact for the benefit of customers. If, at the end of Rate Year Three, the cumulative actual IT and GBE Program average net utility plant and depreciation expense revenue requirements are positive, there will be no deferral.

The reconciliation mechanism will apply to each of the Companies' aggregate total IT and GBE Program average net plant and depreciation expense combined, and not to individual components. The net plant target balances and reconciliation will not consider the impact of ADIT.

6.5 IT Capital Budgeting and Reporting

The IT reporting requirements require further development so that on a forward going basis, the annual and quarterly reports that are filed by the Companies will provide information in a format that permits easy monitoring and understanding of any individual IT project's status and progress, and will enable full comprehension of the entire IT

portfolio. Within 60 days of the of the issuance of a Commission order adopting the terms of this Joint Proposal, the Companies and Staff will begin a collaborative to develop modified and improved IT annual and quarterly reporting requirements. The Companies shall file with the Secretary to the Commission a report describing the reporting requirements agreed to through the collaborative process no later than 90 days prior to the start of Rate Year Three.

The revised process should provide greater transparency into the Companies' IT investments, sanctioning, budgeting and approval process, while avoiding placing an undue burden on both the Companies to compile the information and on Staff to review the information. The reporting requirement modifications should be intended to streamline the IT quarterly reporting so that strategic, executive-level information regarding the status of IT-related projects is provided, enabling easier monitoring of project status and progress in terms of schedule, scope, and budget, for each of the program categories (and individual projects within each category) and also major projects (CIS, GBE, AMI, etc.). Any modified reporting will include, at a minimum, quarterly reports that would identify project issues and risks; identify project milestones; and provide the details on project governance for each of the individual projects. Annual IT reporting will provide a more detailed description of the status of projects, expanding as necessary to address any issues identified. Further, because National Grid manages its IT portfolio at the Service Company level, IT reporting needs to be consistent across all New York jurisdictions. The reporting should include the Service Company's full IT portfolio, not just programs that will be allocated to KEDNY and/or KEDLI. Items such as variance reporting (including root cause determination of variances and corrective actions taken), allocation to each company,

and status of savings associated with retirement of legacy systems being replaced by new IT investments would continue to be addressed and included in the modified reporting requirements.

Once a reporting format is developed through the collaborative process described above, the Companies shall file with the Secretary to the Commission an annual report prior to the beginning of each Rate Year, and quarterly variance reports within 60 days after the end of each Rate Year quarter.

On a semi-annual basis, the Companies will meet with Staff to: (i) discuss budget and actual spending to date; (ii) provide an update on the status of ongoing projects; (iii) discuss proposed projects for the next six months; (iv) review quarterly filings; and (v) review the Companies' variance analyses for the top ten projects. These meetings, which will occur in April and October each year, will include a discussion of cybersecurity projects and notification to Staff cybersecurity personnel of the status of the sanctioning or partial sanctioning of cybersecurity projects. Beginning with the first semi-annual meeting (October 2021), the Companies will work with Staff to develop mutually agreeable sanction paper enhancements needed to justify IT investments and allow for adequate review. These enhancements are intended to reduce the number of budget items supported by IRS papers and increase the number supported by completed sanction papers. At a minimum, the enhancements will include information that more fully supports the Companies' costs estimates, and demonstrates that such estimates are reasonable, and information concerning whether the project was the minimum-cost alternative. If the Companies choose a higher cost or enhanced alternative, then the sanction paper will

present an analysis that compares the project benefits and costs over the project life cycle and supports the decision to pursue the chosen solution.

6.5.1 IT Project Approvals

The National Grid New York Chief Information Officer, or successor with ultimate responsibility for IT projects and services in whole or in part for the New York jurisdiction, will be required to approve or disapprove any newly proposed IT project business case before the project can proceed. This officer, as well as any relevant sanctioning body (*e.g.*, the U.S. Sanctioning Committee or Senior Executive Sanctioning Committee), must review project closure papers that contain information concerning costs incurred, benefits derived, and lessons learned, and report that such review was completed and include a summary of the review in the IT report for the last quarter of each Rate Year.

6.5.2 Key Performance Indicators

Within six months of the issuance of a Commission order adopting the terms of this Joint Proposal, the Companies will modify their IT sanctioning papers to include KPIs. The Companies will implement on-time/on-cost KPIs that will be reported quarterly on a portfolio basis. The Companies will also work with Staff to determine whether different or additional information would be useful to include in the quarterly reports.

7. Future of Heat

7.1 Energy Efficiency

As of the beginning of Rate Year One, the Companies' Energy Efficiency costs will be recovered in base rates. The Energy Efficiency costs included in base rates reflect the amounts authorized by the Commission in the NE:NY Proceeding. The annual Energy Efficiency costs included in base rates are \$18.811 million, \$22.029 million, and \$28.351

Case 19-G-0309

Case 19-G-0310

million for KEDNY and \$10.881 million, \$16.309 million, and \$21.667 million for KEDLI for Rate Years One through Three, respectively. Consistent with the Commission’s March 15, 2018 Order in Case 15-M-0252, Energy Efficiency costs are subject to a downward-only reconciliation over the term of the rate plans. Any under-expenditures in a given Rate Year will be carried forward. Any under expenditures at the end of Rate Year Three shall be used for other Commission-authorized Energy Efficiency programs in subsequent years or deferred for Commission disposition. If the rates set forth in this Joint Proposal continue beyond Rate Year Three, then Energy Efficiency costs incurred beyond Rate Year Three will be reconciled annually to the costs reflected in rates. An example of this reconciliation is set forth in Appendix 6, Schedule 11 and Appendix 7, Schedule 11. The reconciliation applies to each of the Companies’ aggregate total Energy Efficiency spending, not to individual program components. The Companies will continue to be afforded the flexibility to shift funds within their respective Energy Efficiency program portfolios. This provision does not apply to incremental Energy Efficiency expenditures that were increased in accordance with the Companies’ Action Plan filed in Case 19-G-0678. Incremental Energy Efficiency costs arising from Case 19-G-0678 will be recovered as set forth in Section IV.3.22 of this Joint Proposal.

7.1.1 Unspent Energy Efficiency Costs

The Companies shall use any previously recovered unspent funds associated with the Energy Efficiency Portfolio Standard, ETIP, or interest accrued on the New York State Energy Research and Development Authority (“NYSERDA”) Clean Energy Fund Bill As You Go programs, plus any other associated interest to offset the Companies’ Energy Efficiency program costs over the period 2021 – 2023.

7.1.2 KEDLI HEAT Program

The KEDLI HEAT Program is an energy efficiency program designed to serve low to moderate income customers. KEDLI's revenue requirement reflects \$2.5 million in each Rate Year for this program incremental to the budgets established in the NE:NY Proceeding. The KEDLI HEAT Program will be implemented in accordance with New York State's Low to Moderate Income framework that is being developed in Case 18-M-0084.

7.2 Utility Energy Service Contract Program

Beginning in Rate Year Two, the Companies will be permitted to earn a Platform Service Revenue Fee equal to twenty percent of the revenue in excess of program costs derived from the Utility Energy Service Contract Program.

7.3 Distribution-Level Demand Response Costs

The Companies will recover the non-labor operation and maintenance costs associated with their distribution-level demand response programs through the Demand Response O&M Component of the DRA. An illustrative example of the reconciliation is provided in Appendix 6, Schedule 18 for KEDNY and Appendix 7, Schedule 15 for KEDLI. This section does not address the demand response program costs addressed in Section IV.3.22, above.

7.4 Online Fuel Switching Calculator

The Companies will implement their proposed Online Fuel Switching Calculator in Rate Year Two. The cost allocation reflected in the Companies' revenue requirements recognize that the cost of the Online Fuel Switching Calculator should be allocated to all National Grid affiliates that provide comparable gas distribution services.

7.5 Reducing Billed Gas Usage/Non-Pipe Alternatives

The Companies will operate their gas networks with the objective of reducing billed gas usage, normalized for temperature, in their service territories over the term of the rate plans. For purposes of measuring this goal, the Companies will endeavor to achieve weather-adjusted reductions of one half of one percent in billed gas usage as compared to the currently forecast levels of non-generator gas use in Rate Years Two and Three. The forecast levels are 1,249 million therms for KEDLI and 1,699 million therms for KEDNY in Rate Year Two and 1,295 million therms for KEDLI and 1,726 million therms for KEDNY in Rate Year Three. As set forth in this Joint Proposal, the Companies will pursue incremental efficiency programs, demand response, non-gas NPA projects, geothermal/electrification, and other initiatives intended to achieve target reductions. These initiatives include the programs that will be proposed in the Companies' forthcoming Demand Side Management filings to deliver demand-side options (energy efficiency, demand response, and electrification) to meet customers' energy needs in lieu of traditional infrastructure projects. The Companies will report on their progress against these gas usage reduction goals in their semi-annual non-infrastructure filings. Before the end of Rate Year Three, the Companies will file a report that assesses the energy efficiency and other non-infrastructure programs necessary to achieve climate appropriate reductions in billed gas usage in future years.

7.5.1 Gas Expansion Programs

(a) *Programs.* The Companies have terminated all gas promotional and rebate programs and will not implement any such plans during the term of the rate plans, including any heating oil-to-gas conversion programs, involving both firm and non-firm customers.

Nothing contained herein will preclude the Companies from marketing their approved energy efficiency programs, nor will anything herein prevent the Companies from providing information to current or prospective customers concerning their rights to purchase service from the Companies.

(b) *Marketing.* The Companies have ceased all marketing for new gas connections and conversions, including any customer rebates for heating oil-to-gas conversions or new gas customers, and will not resume gas marketing for the term of the rate plans. Within six months of the issuance of a Commission order adopting the terms of this Joint Proposal, the Companies will modify their website, customer mailings, emails, and marketing materials to remove any reference to gas conversion promotional or rebate programs.

In addition, the Companies' MetroTech Sustainability Hub and customer offices will provide information to customers on Gas Safety and available Energy Efficiency programs.

(c) *Additional Information.* The Companies will provide information on their website regarding the emission reduction and energy efficiency goals of the CLCPA and Local Law 97 (KEDNY).

7.5.2 Alternate Heating Options

The Companies commit to developing educational materials, in coordination with their energy efficiency and demand response programs, that will inform customers of alternative heating options, including air- and ground-source heat pumps and district geothermal heating systems. The Companies will also add these options to any materials showing the comparative advantages of one fuel choice or option over another, highlighting

federal and state incentives. The Companies will work to promote programs supporting electrification with NYC, PSEG-LI/LIPA, and Con Edison.

The Companies will also provide prospective customers with information on organizations and initiatives providing alternate heating options (*e.g.*, heat pumps) in their service territories.

The Companies will also refer customers to NYSERDA's website for information on available heat pump programs.

7.5.3 CLCPA Study

Prior to their next base rate filings, but in no event later than the end of Rate Year Three, the Companies will complete a report (the "CLCPA Study") that evaluates how the Companies' businesses may evolve in the future to support the emission reduction and renewable energy goals of the CLCPA, NYC's Local Law 97, and any emission reduction goals the Companies have independently adopted. The CLCPA Study will provide an analysis of the scale, timing, costs, and customer bill impacts of achieving significant, quantifiable reductions in carbon emissions from the use of gas delivered by the Companies in their service territories. The CLCPA study will provide further analysis on the projects and programs needed to achieve specific decarbonization goals (*e.g.*, 85% CO₂e reductions by 2050). The analysis will include an assessment of potential CO₂e reductions per year, MMBTU reductions in billed annual usage, and the numbers of customers heating with gas in residential, commercial and industrial classes per year under different scenarios. A pathways analysis will identify potential barriers to achieving the targeted carbon emission reductions and recommended solutions. The Companies will incorporate and respond to

any findings or guidance of the New York State Climate Action Council (“CAC”) in the CLCPA Study.

The study process will include: (i) a scoping meeting at which the Companies will present a draft scoping plan for feedback from the parties; (ii) an opportunity for parties to review the draft study before publication; and (iii) a meeting where parties will have an opportunity to provide feedback to the Companies on the study before it is finalized and published.

In their next rate filings, the Companies will detail investments, programs, and initiatives that have been added, altered, or removed to achieve the objectives detailed in the CLCPA Study. The CLCPA Study will include presentation of the Companies’ findings using the 20-year warming potential of GHGs in accordance with the CLCPA.

If the Commission commences a generic proceeding to consider issues to be addressed in the CLCPA Study within twelve months from the date of the issuance of a Commission order adopting the terms of this Joint Proposal, the Companies will not prepare or provide a separate report to the extent items are included in the generic proceeding. The Companies will continue to produce their own report for any items not included in the generic proceeding.

The Companies will be permitted to defer 50 percent of the third-party costs to conduct the CLCPA Study, up to \$500,000 for National Grid’s New York gas utilities in the aggregate. If feasible, National Grid will include, or at least identify, how the Study could be applied to, National Grid’s Niagara Mohawk service territory.

7.5.4 Depreciation Study

Unless required to do so earlier by the Commission, the Companies will complete and file, at least three months before their next base rate filings, a study on the potential depreciation impacts of climate change policies and laws – including the CLCPA and Local Law 97 – and the statewide GHG emission limits established therein – on their gas assets. The study will include an examination of the potential impacts of climate change policies and laws on average service lives, reserve deficiency/surplus, salvage value, cost of removal, depreciation rates, and customer bills, and an assessment of the appropriate survivor curve to help inform the Companies’ next base rate filings. The process will include: (i) a scoping meeting at which the Companies will present a draft scoping plan for feedback from the parties; (ii) an opportunity for parties to review the draft study before publication; (iii) and a meeting where parties will have an opportunity to provide feedback to the Companies on the study before it is finalized and published.

7.5.5 Heat Pump NPAs: LPP Alternatives and Customer Connections Pilots

(a) *Geothermal Heating.* The Companies will support the deployment of geothermal heating as an NPA in their service territories.

(b) *LPP Alternatives.* The Companies will identify instances where planned LPP replacement projects could be avoided by deploying shared geothermal loops or individual ground- or air-source heat pumps to serve affected customers. The Companies will, to the extent practicable, use experience and lessons learned from pilots by other utilities in New York and elsewhere to identify and potentially address operational, billing, and customer service hurdles for purposes of informing the Companies’ long-term strategy for main replacement and geothermal deployment.

The Companies will initially identify areas of the gas distribution system that are slated for LPP replacement where non-gas NPAs could be used to address customers' heating needs. The Companies will then conduct outreach to affected customers to determine customer interest in the NPA(s). If material customer interest exists, the Companies will then issue RFPs for contactors and vendors to support the potential NPA projects.

(c) *Customer Connections*. For gas service requests that involve a main extension of more than 500 feet and serve five or more customers, the Companies will perform a preliminary analysis of the potential to meet the needs of the prospective customers with a non-gas NPA. If this analysis shows that it is feasible and beneficial for customers from a cost perspective and would lead to reduced GHG emissions, the Companies will contact those customers to present alternatives. If the customers are willing to consider an alternative to natural gas, the Companies will issue RFPs for contractors and vendors for installing the non-gas NPA.

Any proposal for a program or project involving utility ownership of non-gas infrastructure or equipment (*e.g.*, thermal loop fields and heat pumps) must receive further and specific Commission approval prior to recovery of costs in gas distribution rates (for example, through a petition).

Consistent with the "Report of Niagara Mohawk Corporation d/b/a National Grid Concerning the Non-Pipeline Alternatives Incentive Mechanism Collaborative" filed December 21, 2018 in Case 17-G-0239, the Companies will propose a mechanism to retain a percentage of the difference between the costs of a traditional investment and the proposed cost of an NPA, adjusted for other net benefits. This mechanism will be filed at

the time the Companies submit their first petition for approval of an NPA. The NPA Incentive Mechanism will not be available to projects that make use of utility-owned non-gas infrastructure, consistent with the Commission’s REV Track One Order’s requirements that utility ownership of Distributed Energy Resources as a regulated asset will be restricted to recovery of actual costs.¹⁵

The Companies will undertake reasonable efforts to prioritize potential projects to transition LPP to NPAs in low income and environmental justice communities in all service areas.

The Companies will implement an NPA screening process and conduct solutions for NPAs as part of their capital planning process. The process will be implemented to account for any relevant Commission decisions in Case 20-G-0131, *Proceeding on Motion of the Commission in Regard to Gas Planning Procedures* (“Gas Planning Procedures Proceeding”).

7.5.6 Climate Assessment of Investments and Initiatives

Unless required to do so earlier by the Commission, in their next rate filings, the Companies will provide the following information:

- (a) A 1990 GHG emissions baseline (including Scope 1, 2 and 3 emissions) for each of KEDNY and KEDLI’s gas networks and a description of the methodology used to calculate or otherwise develop the baseline;

¹⁵ Case 14-M-0101, *Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision*, “Order Adopting Regulatory Policy Framework and Implementation Plan” (issued February 26, 2015) (“REV Track One Order”), p. 66.

- (b) A calculation of annual GHG emissions for each Company at the time of filing – a current GHG emissions baseline (including Scope 1, 2 and 3 emissions) – and a description of the methodology used to calculate the emissions;
- (c) An assessment of the impact that investments, programs, and initiatives described in the rate case filings will have on the Companies' GHG emissions from their gas networks, including a breakdown of the emissions impact of specific programs and investments proposed in the rate filing; and
- (d) An analysis of NPAs considered for each investment, program, or initiative, including an explanation if an NPA option was not selected.

The Companies' next rate filings will reflect any guidance or standards regarding the calculation of GHG emissions issued by the New York State Department of Environmental Conservation, the Climate Action Council, the Commission, or other applicable regulatory bodies.

The Companies' compliance with any requirements resulting from Case 20-G-0131, the Gas Planning Procedures Proceeding, will not serve to narrow the Climate Assessment detailed above. However, the Companies will not be required to duplicate any efforts they must undertake pursuant to orders the Commission may issue in Case 20-G-0131.

7.5.7 New Gas Connections Cost Report

The Companies will file a report with the Secretary to the Commission, within nine months of the issuance of a Commission order adopting the terms of this Joint Proposal, regarding the cost of facilities (*e.g.*, main and service lines for connecting customers) provided to new customers pursuant the Commission's regulations and Companies' tariffs and how all or a portion of those costs could be used to provide applicants with an incentive to select electric thermal options (*e.g.*, heat pumps) rather than gas service. Such incentive would be in addition to federal and state incentives. The report could form the basis for a petition by any interested party to implement such a program, or could be utilized to discuss such a program in the next rate proceedings for the Companies. The following items will be addressed in the report:

- i. Cost information for gas connection facilities as requested by NY-GEO: costs by main line, service line, service connections, appurtenant facilities, permits, risers, landscaping/grade finishing, meters, regulators, negative salvage value, labor, all paving charges that are legally imposed by any governmental authority for the repair or replacement of any street or sidewalk disturbed in the course of the installation, and any other cost to the Companies to provide the service. These data will be presented in total and broken down by residential and non-residential. The report will include the mean and per foot cost provided under the 100-foot regulatory allowance for various classes required by the Commission.

- ii. An explanation, with examples, of whether the facilities allowance provide a subsidy to the applicant, or how the applicant, once a customer, provides revenues that offset the cost of the facilities.
- iii. The report will also consider potential financial incentives for the Companies to promote electric thermal options, as well as opportunities for the Companies to support electric thermal options through new programs and system investments.

7.6 Hydrogen Blending Research

The Companies will proceed with their Hydrogen Blending Research initiatives during the term of the rate plan. The Companies forecast the remaining cost of these initiatives to be \$0.446 million, of which \$0.100 million will be funded in base rates (including \$0.035 million incremental expense for each Company in Other Initiatives), with the remainder funded through a NYSERDA grant.

7.7 Economic Development

For each Rate Year, economic development funding will be set at \$2.25 million for KEDNY and \$2.75 million for KEDLI. During each Rate Year, the Companies will each amortize prior economic development deferral credits so that the net revenue requirement for each Company is \$500,000. During the term of the rate plans, both firm and non-firm non-residential customers will be eligible for the respective Company's economic development grant and discount programs. Applicable infrastructure-related grant programs also will be modified to allow the related costs of converting from firm to non-firm service to qualify for additional funding.

The economic development grant programs will be subject to downward-only reconciliation over the term of the rate plans. Any difference between the respective rate allowance and actual program costs in a given Rate Year will be carried forward and reconciled at the end of Rate Year Three, with any under-expenditure to be deferred for future use in the respective Economic Development Grant Programs. The Companies may petition the Commission to utilize any deferred balances to fund emergency economic assistance or other incremental economic development programs. An example of the reconciliation is provided in Appendix 6, Schedule 6 for KEDNY and Appendix 7, Schedule 6 for KEDLI. In the event of any anticipated over-expenditures, the Companies may petition the Commission for deferral treatment and will have no obligation to make any additional expenditures unless and until the Commission authorizes the Companies to defer amounts in excess of the three-year aggregate rate allowance for future recovery.

The Companies will file with the Commission an annual report no later than April 1 each year that will include a review of program activity and results for the previous calendar year, as well as the Companies' proposed economic development grant programs for the current calendar year.

7.8 Earnings Adjustment Mechanisms

The Companies will implement the Earnings Adjustment Mechanisms ("EAMs") in accordance with the terms and conditions set forth in Appendix 6, Schedule 12 (KEDNY) and Appendix 7, Schedule 12 (KEDLI).

8. Reconciliations, Deferrals, and True-Ups

8.1 Existing Reconciliations, Deferrals, and True-Ups

Appendix 6, Schedule 1 sets forth KEDNY's deferral accounts and other regulatory assets and liabilities balances as of December 31, 2018. Appendix 7, Schedule 1 sets forth KEDLI's deferral accounts and other regulatory assets and liabilities balances as of December 31, 2018. With the exception of the deferral accounts and other regulatory assets and liabilities identified as "Discontinued" on Schedule 1, the Companies are authorized to continue the use of reconciliation mechanisms and/or deferral accounting (with certain modifications) with respect to the expenses set forth in Schedules 1 of Appendix 6 and Appendix 7.¹⁶

Except where otherwise noted, the Companies will accrue carrying charges on all deferral accounts and other regulatory assets and liabilities, net of deferred taxes, calculated using the pre-tax weighted average cost of capital for the respective Rate Year. An example of the calculation of carrying charges is set forth in Appendix 6 and 7, Schedules 1.

8.1.1 Pension and Other Post-Employment Expenses

The Companies will continue to defer and reconcile their respective actual pension and Other Post-Employment Benefits ("OPEB") expenses to the levels allowed in rates (set forth in the tables below) in accordance with the Commission's Pension & OPEB Statement of Policy.¹⁷ Carrying charges will not be calculated on pension or OPEB

¹⁶ The deferral accounts and other regulatory assets and liabilities identified as "Discontinued" on Schedules 1 of Appendix 6 and 7 will be discontinued as of the Effective Date. These accounts contain balances as of December 31, 2019, which are set forth in Schedules 1. The discontinuance of these accounts is not intended to preclude the Companies from returning to or recovering from customers the balances as of December 31, 2019 plus any applicable carrying charges.

¹⁷ Case 91-M-0890, *In the Matter of the Accounting and Ratemaking Treatment for Pensions and Post-Retirement Benefits Other than Pensions*, "Statement of Policy and Order Concerning the

deferred balances. An example of the reconciliation is set forth in Appendix 6 and 7, Schedule 2.

Pension Expense			
Company	Rate Year One	Rate Year Two	Rate Year Three
KEDNY	\$11.423 million	\$8.505 million	\$(1.044) million
KEDLI	\$5.451 million	\$4.657 million	\$(0.679) million
OPEB Expense			
Company	Rate Year One	Rate Year Two	Rate Year Three
KEDNY	\$(2.412) million	\$(2.802) million	\$(3.339) million
KEDLI	\$(5.063) million	\$(5.659) million	\$(6.022) million

For purposes of determining the internal reserve and the carrying costs that apply to that reserve, each Company is authorized to combine the funding of its pensions and OPEBs, and to offset, for example, any deficiencies in OPEB funding with any excess pension funding. The Companies will accrue and defer carrying charges on the net unfunded pension and OPEBs amounts, until the net unfunded amount is funded.

8.1.2 Energy Affordability Program

The Companies will continue their Energy Affordability Program (“EAP”) as set forth in Section IV.11.2.1 of this Joint Proposal. Each Rate Year, the Companies will fully reconcile EAP costs to the amounts reflected in rates. Amounts in excess of the rate allowance will be deferred for future recovery from customers. Any under-expenditures will be deferred for future use in a low-income program. An example of the reconciliation is set forth in Appendix 6, Schedule 3 for KEDNY and Appendix 7, Schedule 3 for KEDLI.

Accounting and Ratemaking Treatment for Pensions and Post-Retirement Benefits Other than Pensions” (issued and effective September 7, 1993) (“Pension & OPEB Statement of Policy”).

8.1.3 Exogenous Costs

One hundred percent of all Exogenous Costs (including any credits) associated with or caused by an individual instance (as described below) will be deferred, once such costs exceed the threshold set forth below. If Exogenous Costs in any one Rate Year exceed three percent of a Company's pre-tax utility income (determined in accordance with the methodology set forth above for the Earnings Sharing Mechanism) for the year in which the change first occurs (the "Exogenous Cost Threshold"), the total impact of the Exogenous Costs will be deferred. "Exogenous Costs" means all of the incremental effects on the Company's costs, revenues, or revenue requirements above or below the amounts set forth in Appendices 1 and 2, associated with or caused by an individual instance of:

- (a) any externally imposed accounting change;
- (b) any change in the federal, state, or local rates, laws, or regulations governing income, revenue sales, or franchise taxes; or
- (c) any legislative, court, or regulatory change that imposes new or modifies existing obligations or duties (*e.g.*, incremental municipal permitting and paving requirements resulting from changes to Highway Rules).

In determining Exogenous Costs, the Companies will also be permitted to consider as a single Exogenous Cost all changes in costs arising from multiple municipalities' laws, regulations, or ordinances relating to the same subject matter.

In addition, the Signatory Parties recognize that:

- (i) there is a pending Pipeline and Hazardous Materials Safety Administration ("PHMSA") rulemaking regarding pipeline integrity management, integrity verification, and related issues (Docket ID PHMSA 2011-0023);

- (ii) there is a potential for legislation requiring professional engineering review and approval of all gas engineering plans;
- (iii) there is a potential for federal and state income tax changes;
- (iv) the Commission recently issued a “Memorandum and Resolution Initiating Promulgation Process for Amendments in Gas Safety Regulations” in Case 19-G-0736, and
- (v) there is a potential for a significant increase in KEDLI’s property taxes as a result of the municipalization of certain water utility facilities.

Each of these items could affect the Companies’ costs, revenues and/or revenue requirements during the term of the rate plans. To the extent that any of these items are enacted or otherwise require the Companies to incur costs, the Companies will defer all incremental increases or decreases in costs arising from such enactments without regard to whether the impact exceeds the Exogenous Cost Threshold.

In the event that Exogenous Costs are incurred, the affected Company will file a letter with the Secretary to the Commission setting forth the rationale for the deferral and its calculation. Any disagreement associated with the filing will be referred to the Commission for a decision.

8.1.4 Site Investigation and Remediation (“SIR”) Expense

(a) *SIR Expense and Deferral*

The Companies’ Forecast Rate Allowances for SIR expense for each Rate Year are as follows:

Company	Rate Year One	Rate Year Two	Rate Year Three
KEDNY	\$70.920 million	\$70.920 million	\$70.920 million
KEDLI	\$4.897 million	\$4.897 million	\$4.897 million

Each Rate Year, the Companies will fully reconcile actual SIR expense to the Forecast Rate Allowance. Any under- or over-expenditures will be deferred for future refund to or recovery from customers (with the exception of the Citizens site for KEDNY referenced below). Examples of this reconciliation are set forth in Appendices 6 and 7, Schedule 4.

(b) *SIR Recovery Surcharge*

To the extent that the difference between actual SIR expense (inclusive of Gowanus Canal and Newtown Creek) and the Forecast Rate Allowance exceeds \$25 million on a cumulative basis, KEDNY will utilize its SIR Recovery Surcharge. The surcharge will be calculated annually and be limited to an amount no greater than two percent of KEDNY's prior year's aggregate revenues. The SIR Recovery Surcharge will include: (i) the difference between actual SIR expense in the prior Rate Year and the Forecast Rate Allowance in the prior Rate Year; and (ii) any amount that was not recovered in the prior Rate Year's SIR Recovery Surcharge because the cumulative difference between actual SIR costs and the Forecast Rate Allowance did not exceed the \$25 million threshold and/or the amount would have increased KEDNY's aggregate revenues by more than two percent. An example of the operation of the SIR Recovery Surcharge is set forth in Appendix 6, Schedule 4.

(c) *Other Provisions*

KEDNY will continue to absorb ten percent of the remaining investigation costs for the Citizens site pursuant to the Stipulation and Agreement Resolving Corporate Structure Issues and Establishing Multi-Year Rate Plan, dated June 25, 1996, in Case 95-G-0671.

The Companies will continue to charge to SIR accounting the costs to pursue recovery (*e.g.*, attorney, expert, and consultant fees) as they are incurred and credit 100 percent of recoveries from insurance carriers and/or other potentially responsible parties as they are received. In addition, to enable the continued recovery of historic SIR expenditures, base rates for each of the Rate Years will continue to include the current amortization of \$18.521 million and \$14.168 million annually for KEDNY and KEDLI, respectively, representing one-tenth of the forecast SIR deferral balances as of December 31, 2016.

In the event that the Companies dispose of any property upon which SIR activities have occurred, they will continue to credit after-tax gains resulting from such disposition to the total SIR costs for the specific site.

8.1.5 Property and Special Franchise Taxes

Each Rate Year, the Companies will reconcile actual property and special franchise taxes expense to the rate allowance. The difference between actual property and special franchise taxes expense, excluding the effects of tax refunds, and the rate allowances (for KEDNY \$166.824 million in Rate Year One, \$199.354 million in Rate Year Two, and \$232.600 million in Rate Year Three) and (for KEDLI \$180.634 million in Rate Year One, \$188.636 million in Rate Year Two, and \$198.554 million in Rate Year Three) will be deferred for future refund to or recovery from customers. In each Rate Year differences will be shared 90 percent/10 percent between customers and the Companies, respectively. The Companies' ten percent share above or below the level in rates will be capped at an annual amount equal to 7.5 basis points of return on common equity in Rate Year One, 5.0

Case 19-G-0309

Case 19-G-0310

basis points in Rate Year Two and 2.5 basis points in Rate Year Three. Examples of this reconciliation are set forth in Appendices 6 and 7, Schedule 5.

If the Companies are successful in obtaining tax refunds, they will have the right to petition the Commission to share in such refunds. Other parties may take any position concerning any petition filed by the Companies.

8.1.5.1 Case 18-M-0270 – Hempstead Property Tax Refund (KEDLI Only)

In Case 18-M-0270, KEDLI has provided notice to the Commission that it had received a tax refund of \$50.416 million, \$28.209 million of which is principal and the remainder interest. The refund is the result of a judgment in a tax challenge obtained by KEDLI. The amount of the refund could change as a result of further appeals of the judgment. To resolve issues related to disposition of the property tax refund in Case 18-M-0270, KEDLI shall be permitted to retain its costs to achieve the ultimate refund (currently estimated at \$200,000) and 15 percent of the ultimate refund after adjustment for costs to achieve the refund. KEDLI shall create a regulatory liability to record the amount of the refund (plus associated carrying costs) that will be provided to customers. At such time as the legal proceedings concerning the judgement obtained by KEDLI are finally resolved, KEDLI shall make a filing setting forth final 85 percent/15 percent split of the refund, KEDLI's ultimate costs to achieve and a calculation of carrying costs that have accrued upon the refund since KEDLI received it.

8.1.6 Negative or Positive Revenue Adjustments

The Companies will defer any negative or positive revenue adjustments associated with the Service Quality Program (Section IV.9) or the Gas Safety Performance Metrics

Case 19-G-0309

Case 19-G-0310

(Section IV.10). Any negative revenue adjustments associated with the Gas Safety Performance Metrics will be deferred for future disposition by the Commission.

8.1.7 Non-Firm Demand Response Services

Each Rate Year, the Companies will fully reconcile actual Non-Firm Demand Response revenues to the amounts imputed in the revenue requirement (for KEDNY \$49.985 million in Rate Year One, \$33.930 million in Rate Year Two, and \$34.211 million in Rate Year Three) and (for KEDLI \$5.176 million in Rate Year One, \$3.433 million in Rate Year Two, and \$3.337 million in Rate Year Three). An adjustment will be made to the revenue targets above to remove forecast revenues for Non-Firm Demand Response customers that migrate to firm service. Any difference between actual and imputed revenues will be credited or surcharged to firm sales and firm transportation customers through the DRA for the 12-month period beginning July 1, 2022.

The Companies filed the CY20 annual non-firm demand response reconciliation in accordance with their current tariff provisions. The Companies will refile their annual non-firm demand response reconciliation for the period January 1, 2020, through March 31, 2021, 45 days after the issuance of a Commission order adopting the terms of this Joint Proposal to reflect the appropriate Rate Year One revenue targets. The 15-month non-firm demand response reconciliation will include revenue targets for the months of January through March 2020 in accordance with Cases 16-G-0058 and 16-G-0059 and revenue targets in accordance with Cases 19-G-0309 and 19-G-0310 for the period April 1, 2020, through March 31, 2021.

8.1.8 Electric Generator Revenues

The Companies will reconcile the difference between the electric generator revenues imputed in their revenue requirements and the actual revenues they recover from electric generators in each Rate Year. Any difference will be credited or surcharged to firm sales and firm transportation customers through the DRA for the 12-month period starting July 1, 2022. The Companies filed the CY20 annual Electric Generator Revenue reconciliation in accordance with their current tariff provisions. The Companies will refile their annual Electric Generator Revenue reconciliation (for the period January 1, 2020, through March 31, 2021) 45 days after the issuance of a Commission order adopting the terms of this Joint Proposal to reflect the appropriate Rate Year One revenue targets. The 15-month Electric Generator Revenue reconciliation will include revenue targets for the months of January through March 2020 in accordance with Cases 16-G-0058 and 16-G-0059 and revenue targets in accordance with Cases 19-G-0309 and 19-G-0310 for the period April 1, 2020, through March 31, 2021.

8.1.9 Economic Development Grant Programs

The Companies will defer the difference between the economic development costs in rates and their estimated economic development expenditures as set forth in Section IV.7.7 of this Joint Proposal.

8.1.10 RDM

The Companies' RDM reconciliations as modified in Section IV.3.7 above will continue.

8.1.11 Continuing Gas Reconciliation Mechanisms

The following gas reconciliation mechanisms will continue outside of base rates:

(a) System Benefits Charge program costs will be reconciled pursuant to the Commission's January 21, 2016 Order in Case 14-M-0094 and January 22, 2016 Order in Case 15-M-0252. Carrying charges will be calculated using the Other Customer Capital rate.

(b) The Companies will continue to recover and reconcile the costs of gas in accordance with the applicable provisions of their tariffs. Carrying charges will be calculated using the Other Customer Capital rate.

(c) The LAUF reconciliation as modified in Section IV.3.6 above will continue. Carrying charges for the annual LAUF reconciliation will be calculated at the Other Customer Capital rate.

(d) The System Performance Adjustment Mechanism will continue as set forth in the Companies' tariffs. Carrying charges will be calculated at the Other Customer Capital rate.

(e) The Companies' existing gas cost incentive programs will continue as set forth in their tariffs.

8.1.12 Net Utility Plant and Depreciation Expense Reconciliation Mechanisms

The Companies will continue to implement a downward-only Net Utility Plant and Depreciation Expense Reconciliation Mechanisms. Each Rate Year, the Companies will reconcile their actual average net utility plant and depreciation expense revenue requirement to the target average net utility plant and depreciation expense revenue requirement (for KEDNY - \$591.063 million for Rate Year One, \$635.822 million for Rate Year Two and \$687.365 million for Rate Year Three; and for KEDLI - \$416.035 million

Case 19-G-0309

Case 19-G-0310

for Rate Year One, \$435.288 million for Rate Year Two and \$475.891 million for Rate Year Three).

The average net utility plant and depreciation expense revenue requirement will be calculated by applying each Company's pre-tax weighted average cost of capital in the respective Rate Years to the average net utility plant balance and adding the depreciation expense to the product.

The difference between the actual average net utility plant and depreciation expense revenue requirement and the target average net utility plant and depreciation expense revenue requirement will carry forward for each Rate Year and be summed at the end of Rate Year Three. As illustrated in Appendices 6 and 7, Schedule 7, if, at the end of Rate Year Three, the cumulative actual average net utility plant and depreciation expense revenue requirement is negative, the Companies will defer the revenue requirement impact for the benefit of customers. If, at the end of Rate Year Three, the cumulative actual average net utility plant and depreciation expense revenue requirement is positive, there will be no deferral.

The reconciliation mechanism will apply to each of the Companies' aggregate total average net plant and depreciation expense amounts combined, and not to individual components. The net plant target balances and reconciliation will not consider the impact of ADIT.

8.1.13 City/State Construction

The projected levels of the Companies' City/State Construction ("CSC") capital expenditures, net of reimbursements, for Rate Years One, Two, and Three are set forth below:

Rate Year	CSC Forecast KEDNY	CSC Forecast KEDLI
Rate Year One	\$199.300 million	\$7.332 million
Rate Year Two	\$274.250 million	\$9.995 million
Rate Year Three	\$265.210 million	\$10.472 million

To the extent that the Companies' actual capital spending for CSC, net of reimbursements, differs from the forecast amount in a Rate Year (including any Stayout Period), the affected Company will defer the revenue requirement effect (excluding O&M expenses) associated with 90 percent of the difference for future recovery from or return to customers. The Companies will submit a filing to the Secretary to the Commission that demonstrates that the CSC costs incurred in excess of the rate allowance were reasonable and beyond the Companies' control. Any disagreement associated with the filing will be referred to the Commission for decision. Examples of this reconciliation are set forth in Appendices 6 and 7, Schedule 10. As illustrated in Appendix 6, Schedule 10, the CSC reconciliation will work in conjunction with the Net Utility Plant and Depreciation Expense Reconciliation Mechanism.

8.1.14 Variable Pay

Each Rate Year, the Companies will defer for refund to customers any variable pay compensation amounts reflected in rates that are not paid to employees. The rate allowance for KEDNY variable pay is \$9.284 million for Rate Year One, \$9.613 million for Rate Year Two, and \$8.891 million for Rate Year Three. The rate allowance for KEDLI variable pay is \$5.193 million for Rate Year One, \$5.441 million for Rate Year Two, and \$5.602 million for Rate Year Three. Examples of this reconciliation are set forth in Appendices 6 and 7, Schedule 8.

8.2 New Reconciliation, Deferrals, and True-Ups

The following new deferral accounts will be implemented. The Companies will accrue carrying charges on the new deferral account balances calculated using the pre-tax weighted average cost of capital for the respective Rate Year.

8.2.1 Paving Expense (KEDNY Only)

The amounts of paving expense reflected in KEDNY's revenue requirement total \$25.465 million in Rate Year One, \$23.372 million in Rate Year Two, and \$24.039 million in Rate Year Three. These amounts have been adjusted to reflect the COVID-19 pandemic in Rate Year One. KEDNY will defer the difference between its actual paving expense and the amount reflected in the revenue requirement. An example of this reconciliation is set forth in Appendix 6, Schedule 15.

8.2.2 Downward-Only Reconciliation of IT Net Utility Plant and Depreciation Expense

As set forth in Section IV.6.4 of this Joint Proposal, the Companies shall implement downward-only reconciliation of net plant and depreciation expense associated with its IT capital programs. The reconciliation is described in more detail in Section IV.6.4 of this Joint Proposal. Illustrative examples of the operation of this mechanism are set forth on Appendices 6 and 7, Schedule 13.

8.2.3 Pension and OPEB Settlement/Curtailment Gain

Consistent with Article VI, Section 2 of the Joint Proposal adopted by the Commission in Case 16-G-0058 *et al.*, KEDNY and KEDLI will be permitted to establish regulatory assets of \$1 million and \$47 million, respectively, for pension and OPEB-related amounts that were eliminated by KEDNY and KEDLI as a result of their affiliate KeySpan Electric Services LLC's ("KES") recognition of a curtailment/settlement gain required at

the expiration of the Management Services Agreement between KES and LIPA. The recognition of the regulatory assets will ensure that customers of KEDNY and KEDLI will pay no more and no less than they would have paid if KES had not recognized the curtailment/settlement gain.

8.2.4 Energy Efficiency Costs

As described in Section IV.7.1 of this Joint Proposal, Energy Efficiency costs shall be subject to a downward-only reconciliation over the term of the rate plans and will be fully recorded to the costs recovered in rates annually thereafter.

8.2.5 Inactive Accounts

As discussed in Section IV.5.23, KEDNY and KEDLI will be allowed to defer up to \$1.0 million of incremental expenses associated with enhancing the inactive accounts process in Rate Year Two, Rate Year Three, and the Stayout Period if the Company does not file for new rates to be effective at the end of Rate Year Three.

8.2.6 Uncollectible Accounts

The rate allowances for bad debt expenses are \$15.687 million, \$16.080 million and \$16.828 million for KEDNY, and \$6.768 million, \$6.893 million, and \$7.419 million for KEDLI in Rate Years One, Two and Three, respectively. For any Rate Year, the Companies may petition for authority to defer uncollectible expenses in excess of the rate allowance that result from the COVID-19 pandemic, or otherwise exercise any rights to defer such expenses arising under this Joint Proposal or any other applicable rate agreement. Notwithstanding this provision, should the Commission issue a decision in a generic proceeding concerning the deferral of incremental uncollectible expense arising

from the COVID-19 pandemic, such decision will control the Companies' abilities to defer uncollectible expenses.

8.2.7 Customer Connections

The projected levels of the Companies' capital expenditures for customer connections for Rate Years One, Two and Three are set forth below:¹⁸

Rate Year	Customer Connections Forecast KEDNY	Customer Connections Forecast KEDLI
Rate Year One	\$36.265 million	\$31.927 million
Rate Year Two	\$37.313 million	\$32.532 million
Rate Year Three	\$38.120 million	\$32.438 million

To the extent that the Companies' actual capital spending for Customer Connections differs from the forecast amount in a Rate Year (including any Stayout Period), the Companies will defer the revenue requirement impact for future recovery from or return to customers. Examples of this reconciliation are set forth in Appendices 6 and 7, Schedule 14. As illustrated in Appendix 6, Schedule 14, the Customer Connections reconciliation will work in conjunction with the Net Utility Plant and Depreciation Expense Reconciliation Mechanism.

8.2.8 Reconnect Fees (KEDNY Only)

Consistent with Section IV.11.3 of this Joint Proposal, KEDNY will be permitted to defer for future recovery from customers any reconnect fees waived for customers participating in the Energy Affordability Programs. An example of this reconciliation is set forth in Appendix 6, Schedule 17.

¹⁸ The Customer Connections forecasts for purposes of this section do not include the cost of gas system reinforcement projects, which are reflected in the Customer Connections forecasts in Section IV.5.2.

8.3 Additional Reconciliations, Deferrals, True-Ups

Nothing in this Joint Proposal prevents the Companies from implementing additional reconciliations or deferral mechanisms if approved by the Commission.

9. Customer Service Quality Program

The Companies will keep the existing Customer Service Quality Performance Metric and targets for CY20. For CY21 and forward, each of the Companies' customer service performances will be measured for each calendar year against a set of Customer Service Quality Performance Metrics applicable to each Company. The former Customer Satisfaction Index metric will be renamed the Residential Customer Satisfaction Survey. For KEDNY, a total pre-tax potential negative revenue adjustment of \$11.7 million per year will be allocated across the following four performance metrics, which are described below:

- (a) PSC Complaint Rate;
- (b) Residential Customer Satisfaction Survey;
- (c) Adjusted Customer Bills; and
- (d) Telephone Answer Response within 30 Seconds.

For KEDLI, a total pre-tax potential negative revenue adjustment of \$9.9 million will be allocated across the same four metrics. All revenue adjustments related to the Customer Service Quality Performance Metrics will be deferred for future disposition by the Commission.

The Signatory Parties recognize that the COVID-19 pandemic could impact the Companies' performance under these metrics during the rate plan. To that end, the Companies can request that the Commission waive a negative revenue adjustment due

to performance impacts that the Companies can demonstrate was a result from the COVID-19 pandemic for CY20-CY24.

The Signatory Parties agree that if the Commission takes action regarding service quality metrics in Case 20-M-0266, Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service, or any similar proceeding, the Commission's determination in that proceeding shall control.

9.1 PSC Complaint Rate

A PSC complaint is initiated with a dispute being filed by, or on behalf of, a customer, or prospective customer seeking gas service, with the Commission. The basis of the complaint must be one within the Companies' control. Only "charged" complaints are included in the PSC Complaint Rate metric. A complaint will be considered charged when a customer, after first having contacted the Company to express dissatisfaction with an action, practice, or conduct of the Companies, and having provided the Companies a reasonable opportunity to address the matter, contacts the Commission to express dissatisfaction with such action, practice, or conduct. A complaint will not be charged if the contact with the Commission is for an opinion or inquiry. For the purposes of the PSC Complaint Rate metric, an "opinion" is an instance where a customer is contacting the Commission to voice a view on a particular issue or condition, such as a pending rate case, a change in rates or charges, the imposition of new rates or charges, or the level of executive compensation.

Complaints brought by ESCOs on behalf of their customers over which the Companies have control (*e.g.*, meter issues) will be included in the PSC Complaint Rate metric, provided the ESCO follows the Commission's designated complaint procedures

and provides the Companies with a reasonable opportunity to address the matter. ESCO complaints on behalf of customers over which the Companies have no control, such as slamming or ESCO charges, will not be included in the metric. For an ESCO to represent a customer with a complaint, the ESCO must follow the Commission’s procedures and obtain a specific agency agreement with the represented customer. Questions or complaints related to the Companies’ Retail Access programs will not be handled through the Companies’ call center or submitted by the ESCOs to the Commission’s call center.

Complaints will be measured monthly, and the metric will be based on the average of the 12 monthly scores. Beginning in CY21 and continuing until modified by the Commission, the metrics and targets for KEDNY and KEDLI will be as follows:

Company	Metrics	Benchmark	Amount at risk
KEDLI	PSC Complaint Rate	≤ 1.0 Complaints per 100,000 customers	\$3,960,000
KEDNY	PSC Complaint Rate	≤ 1.0 Complaints per 100,000 customers	\$4,680,000

9.2 Customer Satisfaction

The Customer Satisfaction metric will be renamed the Residential Customer Satisfaction Survey in accordance with Staff’s audit in Case 20-M-0046. Customer satisfaction will be measured monthly based on the satisfaction ratings resulting from a random survey of residential customers who have contacted either KEDNY or KEDLI. The satisfaction level will be measured based on the number of customers rating the Companies between “6” and “10” on a ten-point satisfaction scale. The Companies will each seek to receive a minimum of 100 completed surveys per month. The Signatory Parties acknowledge the ongoing joint utility collaborative in Case 15-M-0566, *In the Matter of Revisions to Customer Service Performance Indicators Applicable to Gas and*

Electric Corporations, is working toward a common satisfaction survey for New York utilities that could be used in lieu of existing customer satisfaction metrics and targets. Once sufficient data is obtained using the new survey methodology, the Companies will be permitted to convene a collaborative and propose new customer satisfaction metrics and targets based on the common satisfaction survey for New York utilities to supersede the existing Customer Satisfaction Survey metrics and targets set forth in this Joint Proposal.

Satisfaction levels will be measured monthly, and the metric will be based on the average of the 12 monthly scores. Beginning in CY21 and continuing until modified by the Commission, the metrics and targets for KEDNY and KEDLI will be as follows:

Company	Category	Benchmark	Amount at risk
KEDLI	Customer Satisfaction	$\geq 85.1\%$	\$3,960,000
KEDNY	Customer Satisfaction	$\geq 86.7\%$	\$4,680,000

9.3 Telephone Answer Response within 30 Seconds

This is a measure of the proportion of customer service calls answered by the Companies' customer service representative ("CSR") within 30 seconds, expressed as a percentage of the total calls answered.

The metric will be measured monthly and be based on the average of the 12 monthly scores. Beginning in CY21 and continuing until modified by the Commission, the metrics and targets for KEDNY and KEDLI will be as follows:

Company	Category	Benchmark	Amount at risk
KEDLI	Call Answer Rate	$\geq 62.2\%$ of calls answered by a CSR within 30 seconds	\$990,000
KEDNY	Call Answer Rate	$\geq 60.6\%$ of calls answered by a CSR within 30 seconds	\$1,170,000

9.4 Adjusted Customer Bills

This is a measure of the proportion of customer bills that require later adjustment as a result of errors by the Companies, expressed as a percentage of total customer bills. The following are not adjusted bills for purposes of the metric: an estimated bill replaced by a bill based on an actual reading; a customer reading replaced with an actual or estimated reading; a change in a customer bill because of switching to or from budget billing; or changes to correct for the responsible billing party (*e.g.*, where bills have been rendered to a prior resident, and bills are re-issued to the current resident).

The metric will be measured monthly, be based on the average of the 12 monthly scores for the applicable calendar year, and rounded to the hundredth decimal place. Beginning in CY21 and continuing until modified by the Commission, the metrics and targets for KEDNY and KEDLI will be as follows:

Company	Category	Benchmark	Amount at risk
KEDLI	Adjusted Bills	1.50% or less	\$0
		1.51% to 1.60%	\$495,000
		1.61% to 1.70%	\$742,500
		1.71% and over	\$990,000
KEDNY	Adjusted Bills	0.62% or less	\$0
		0.63% to 0.72%	\$585,000
		0.73% to 0.82%	\$877,500
		0.83% and over	\$1,170,000

9.5 Reporting

The Companies will submit annual performance reports to the Secretary to the Commission within three months after the conclusion of each full calendar year. The annual performance report will include a description of the service quality measures, the method for calculating performance, the results for the period, supporting calculations of annual results in spreadsheet format, and a narrative overall assessment of customer service

performance during that calendar year.

If either of the Companies believe in any year that its inability to meet any of the established targets was attributable to demonstrable force majeure circumstances (causes that are outside the control of the Companies and could not be avoided with the exercise of due care), they may petition the Commission for relief from any associated negative revenue adjustment.

9.6 Service Guarantee

The Companies will continue their current service guarantee policies as set forth in their tariffs of compensating customers for a missed appointment. For each missed appointment, the Companies will provide a credit of \$30 for residential customers and \$60 for non-residential customers.

9.7 Termination and Uncollectible Incentive

In light of the COVID-19 pandemic and Chapter 108 of the Laws of New York of 2020, which amended Public Service Law § 32 and imposed a moratorium on termination of residential service, the existing termination and uncollectible incentive mechanism shall be suspended for the term of the rate plans, subject to the outcome of the generic COVID-19 proceeding.

10. Gas Safety Performance Metrics

The Companies' gas safety performance will be measured for each calendar year against a set of Gas Safety Performance Metrics. A total of 150 pre-tax basis points of return on common equity will be at risk per calendar year for each Company's performance under the Gas Safety Performance Metrics. Basis points at risk shall be allocated as shown in the table below and further described in the discussion of each metric in this Section.

Performance Measure	Basis Points at Risk CY20 – CY23
LPP Retirement	15
Leak Management	15
Damage Prevention	20
Emergency Response Time	25
Gas Regulations Performance Measure	75
Total at Risk	150

Any Gas Safety Performance Metrics negative revenue adjustments incurred by the Companies will be deferred for future disposition by the Commission. The Gas Safety Performance Metrics will be in effect for the term of the Companies' rate plans, and will continue on a year-to-year basis, unless discontinued or modified by the Commission. If the Companies believe in any year that their inability to meet any of the established incentive targets was attributable to demonstrable *force majeure* circumstances (including causes that are outside their control and could not be avoided with the exercise of due care), they may petition the Commission for relief from any associated negative revenue adjustment.

The Companies filed their CY20 annual gas safety performance metrics report on March 15, 2021, using metrics carried over from the Joint Proposal adopted by the Commission in Cases 16-G-0058 and 16-G-0059. The Companies shall refile their annual gas safety performance metrics report for CY20 45 days after the issuance of a Commission order adopting the terms of this Joint Proposal to reflect the CY20 targets established in this proceeding.

The Signatory Parties recognize that the COVID-19 pandemic could impact the Companies' performance under these metrics during the rate plan. To that end, the Companies can request that the Commission exclude performance impacts that they

demonstrate resulted from the COVID-19 pandemic from the calculation of the gas safety metrics for CY20-CY22.

The Signatory Parties agree that if the Commission takes action regarding gas safety performance metrics in Case 20-M-0266, Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service, or any similar proceeding, the Commission's determination in that proceeding shall control.

10.1 LPP Removal Metric

10.1.1 Annual LPP Removal

The Companies will each incur a negative revenue adjustment of 15 basis points should they fail to remove from service a minimum number of miles of LPP in CY20, CY21, CY22, or CY23, or the cumulative four-year totals of miles of LPP as set forth below by the end of CY23. The Companies will replace leak prone services in conjunction with LPP main removal efforts. KEDNY and KEDLI's respective targets are as follows:

KEDNY	Current Target 2019	CY20	CY21	CY22	CY23	Cumulative (CY20-CY23)
Minimum Removal Targets	55	38	45	45	41	194
Proposed Removal Targets	60	48	50	50	46	194

KEDLI	Current Target 2019	CY20	CY21	CY22	CY23	Cumulative (CY20-CY23)
Minimum Removal Targets	145	101	116	116	114	477
Proposed Removal Targets	150	116	121	121	119	477

In CY20, in consideration of delays related to the COVID-19 pandemic, the Companies will be deemed to have met their targets if the main is installed in the street and energized, but customer services are not tied in. Those customer services not tied into mains will be completed in CY21 and will not be counted towards the LPP metric in CY21.

10.2 Leak Management

10.2.1 Leak Backlog Metrics and Revenue Adjustments

The Companies will incur negative revenue adjustments if they fail to achieve year-end leak backlog targets for (i) workable leaks (Type 1, 2 and 2A leaks) and (ii) for all leaks (Type 1, 2, 2A and 3), as follows:

KEDNY Leak Metric	Target		Negative Revenue Adjustment
Workable Leaks (Type 1, 2, 2A)	Each CY	≤ 20	10 basis points
Total Leaks (Type 1, 2, 2A, 3)	CY20	2,250	5 basis points
	CY21	1,800	
	CY22	1,650	
	CY23	1,500	
	CY24	1,350	

KEDLI Leak Metric	Target		Negative Revenue Adjustment
Workable Leaks (Type 1, 2, 2A)	Each CY	≤ 20	10 basis points
Total Leaks (Type 1, 2, 2A, 3)	CY20	6,700	5 basis points
	CY21	5,750	
	CY22	5,000	
	CY23	4,250	
	CY24	3,500	

The Companies are considered to have met their annual backlog targets if the target is achieved any time between December 21 and December 31 of the respective calendar year.

For every 100 additional leaks repaired beyond the Total Leaks target in a calendar year, each Company will earn a positive revenue adjustment of two basis points. This incentive is capped at 300 additional leak repairs or six basis points. In the event that a Company earns a positive revenue adjustment in a calendar year, the following year's target will be adjusted based on the additional leaks repaired. For example, if KEDNY were to repair an additional 113 leaks in CY21, it would earn two basis points, the CY22 target would be reduced to 1,550, the CY23 target would be reduced to 1,400, the CY24 target would be reduced to 1,250, and the 13 additional leaks would be carried over to CY22's leak backlog performance. Re-check inspections that fail shall be incorporated into the Companies' leak backlog.

The Companies' backlog reduction targets of 150 Total Leaks per year for KEDNY and 750 total leaks for KEDLI shall continue until changed by the Commission. Notwithstanding the foregoing, no positive revenue adjustment can be earned for CY20.

10.2.2 Enhancement of Leak Backlog Metric

Before filing their next rate cases, the Companies will work collaboratively with EDF, and other interested parties, to consider changes to the leak backlog metric, to ensure that the metric incentivizes the Companies to identify all reasonably discoverable leaks using available technologies. Starting in CY21, the Companies, EDF, and any other interested parties will have at least one meeting each year by the end of September until the conclusion of the Companies' next rate proceedings. As the culmination of this effort,

in their next rate case filings, the Companies will propose refinements to the leak backlog metric to incentivize reductions in the volume of leaked methane.

10.2.3 Year-End Leak Reporting

The Companies will submit an annual report to the Secretary to the Commission detailing all leaks in its year-end backlog, by type, no later than 30 days following the end of each calendar year. The report will detail the leaks that were eliminated in the prior year and the total cost of leak repairs.

10.3 Damage Prevention

All damages will be tracked, measured and counted following the guidelines for the data reported for the Annual Pipeline Safety Performance Measures Report, excluding homeowners and hand damages that did not provide a one-call ticket. The Companies will incur negative revenue adjustments of up to 20 basis points or positive revenue adjustments of up to ten basis points for damage prevention performance within the following targets:

NPA/PRA	Basis Points	CY20	CY21	CY22	CY23	CY24
NRA	20	>4.50	>4.25	>4.00	>3.75	>3.50
NRA	10	4.26 to 4.50	4.01 to 4.25	3.76 to 4.00	3.51 to 3.75	3.26 to 3.50
NRA	5	4.01 to 4.25	3.76 to 4.00	3.51 to 3.75	3.26 to 3.50	3.01 to 3.25
	0	0.00 to 4.00	1.51 to 3.75	1.51 to 3.50	1.51 to 3.25	1.51 to 3.00
PRA	5	None	1.26 to 1.50	1.26 to 1.50	1.26 to 1.50	1.26 to 1.50
PRA	10	None	≤ 1.25	≤ 1.25	≤ 1.25	≤ 1.25

Notwithstanding the foregoing, no positive revenue adjustment can be earned for CY20. The Companies will continue to collect damage data and compute damage performance in accordance with the criteria for the Gas Safety Performance Measures Report. In addition, the Companies will periodically convene meetings among gas operators, Gas Safety Staff, New York’s one-call center and other interested parties to discuss damage prevention reports, including the process of timely “relocate” tickets in the interest of promoting a consistent approach to damage prevention in New York.

10.4 Emergency Response

The Companies will incur a negative revenue adjustment for failure to meet the leak and odor call response targets as shown in the table below:

Required Response Time (“RRT”)	Calls that must be responded to within RRT	NRA for failure to meet RRT
30 minutes	75%	12 basis points
45 minutes	90%	8 basis points
60 minutes	95%	5 basis points

The Companies cannot earn a positive revenue adjustment in CY20. For CY21 and CY22, the Companies can earn a positive revenue adjustment of up to six basis points as shown in the table below.

Emergency Response Incentive	Response within 30 minutes		
Response Rate	86% - 87.99%	88%-89.99%	≥90%
Positive Revenue Adjustment	2 basis points	4 basis points	6 basis points

Instances of 20 or more odor calls in a two-hour period resulting from a mass area odor issue that is not caused by the Company can be excluded from this measure

contingent upon Staff consent. The Company will provide notification to Staff (through an email to safety@dps.ny.gov) within seven days after such events.

10.5 Gas Safety Regulations Performance Metric

(a) The Companies will incur negative revenue adjustments for instances of noncompliance (occurrences of violations) of certain gas safety regulations identified during Staff's field and records audits. See Appendix 8 for a list of the high risk and other risk gas safety regulations pertaining to this metric. Staff's audits of the Companies' compliance with the regulations applicable to LNG operations (Title 49 of the Code of Federal Regulations) will be covered by this metric beginning with the CY23 audit of CY22 performance.

(b) Subject to section (c), below, the Companies will each be assessed negative revenue adjustments for each high risk and other risk violation, up to a maximum of 75 basis points per calendar year, as follows:

Audit	Type	Occurrence	Basis Points
Records	High Risk	1 to 5	0
		6 to 20	0.5
		21+	1
	Other Risk	1-15	0
		16+	0.25
Field	High Risk	1 to 20	0.5
		21+	1
	Other Risk	All	0.25

(c) The number of occurrences of noncompliance with each high risk and other risk regulation listed in Appendix 8 subject to a negative revenue adjustment is capped at ten per audit type (Field or Record) per calendar year. If either of the

Companies are individually cited for more than ten occurrences of noncompliance with a particular high risk or other risk regulation in a calendar year, the affected Company will provide Staff, within 90 days of Staff's audit letter, a compliance improvement plan that contains: (i) a root cause analysis of its compliance deficiency; and (ii) a proposed mitigation plan to address future performance. The affected Company and Staff will meet to develop a mutually agreeable mitigation plan that will include provisions for tracking and regular reporting on the Company's efforts to address the compliance deficiency. Should either Company fail to comply with their improvement plan, those violations of a given code section in excess of ten shall count towards this metric.

(d) At the conclusion of each audit, Staff and each Company will have a compliance meeting where Staff will present its findings. The Company will have ten business days from the date the audit findings are presented to cure any identified document deficiency. Only official Company records, as defined in its Operating and Maintenance plan, will be considered by Staff as a cure to a document deficiency. Staff will submit its final audit report to the Secretary to the Commission under Case 19-G-0309 and/or 19-G-0310, as applicable. If the Company disputes any of Staff's final audit results, the Company may appeal Staff's findings to the Commission. The Company will not incur a negative revenue adjustment on the contested findings until such time as the Commission has issued a final decision on the contested findings. The Company does not waive its rights to seek an appeal of any Commission determination regarding a violation or penalty under applicable law.

(e) If an alleged occurrence of noncompliance with a high risk or other risk regulation is the subject of a separate penalty proceeding by the Commission, the occurrence will not count under this performance metric. Any violation of a pipeline safety regulation that has a corresponding procedural violation under 16 NYCRR 255.603(d) will count as one occurrence for the purpose of calculating a negative revenue adjustment.

(f) The total negative revenue adjustment incurred will be deferred for future use to fund gas safety and compliance improvement programs. The Companies and Staff will develop mutually agreeable program scopes and timelines for these safety and compliance programs, which will be submitted to the Commission for its review. The Companies will submit regular status reports on the programs and funds expended.

10.6 Gas Safety Reporting and Exceptions

The Companies will each report their annual performance in each of the areas set forth in Sections IV.10.1 to IV.10.5 to the Secretary to the Commission no later than April 1st of the following calendar year.

11. Customer Initiatives

11.1 Electronic Deferred Payment Agreements (“E-DPAs”) Reports

The Companies will permit residential customers to negotiate E-DPAs over the telephone, with the resulting E-DPA provided to the customer for review and electronic signature via email or other electronic means. After the customer provides the customer’s electronic signature, the E-DPA will be returned electronically to the Companies to be reviewed and accepted. After the E-DPA is accepted, the Companies will follow the process currently in place to activate DPAs in the Companies’ billing system.

11.1.1 Reporting

The Companies will submit quarterly reports regarding the E-DPA program to the Secretary to the Commission within 30 days after the end of each Rate Year quarter, beginning with the first quarter in which E-DPAs are offered to customers. The reports shall include the following information for both E-DPAs and paper DPAs:

- (1) The number of active DPAs at the beginning of the reporting period, and the total dollar amount;
- (2) The number of DPAs made during the reporting period, and the total dollar amount;
- (3) The number of DPAs reinstated during the reporting period, and the total dollar amount;
- (4) The number of DPAs defaulted during the reporting period, and the total dollar amount;
- (5) The number of DPAs satisfied during the reporting period, and the total dollar amount;
- (6) The number of active DPAs at the end of the period, and the total dollar amount; and
- (7) The percentage of DPAs in arrears more than 60 days, in both number and dollar amount.

The quarterly reports shall be created using the data reported on the Companies' collection activity reports. In addition to implementing E-DPAs, KEDNY will no longer require customers to come into a KEDNY Customer Office to provide documentation for a DPA.

11.2 Energy and Affordability Programs

11.2.1 EAP Tier Discount Levels

The Companies will implement their EAPs in accordance with their respective EAP implementation plans, which were approved by the Commission with modification in the “Order Approving Implementation Plans With Modifications” in Case 14-M-0565, Proceeding on Motion of the Commission to Examine Programs to Address Energy Affordability For Low Income Utility Customers, issued on February 17, 2017.

The benefit levels for each tier in the EAP are updated annually and published in the Companies’ tariff statements.

The annual rate allowances for the KEDNY and KEDLI EAPs are \$38.45 million and \$6.75 million, respectively. In accordance with the Commission’s “Order Adopting Low Income Program Modifications and Directing Utility Filings,” issued and effective May 20, 2016, in Case 14-M-0565 (“Low Income Order”), the Companies will adjust the energy burden target and benefit levels for each calendar year, to align the annual rate allowance to the two percent budget cap, if necessary. The rate allowances for the Companies EAPs are subject to reconciliation, as set forth in Section IV.8.1.2 above.

The Companies will revise the tier structure to eliminate duplicative tiers, consolidating into a four-tier structure, by eliminating Tier 5 for KEDLI and Tiers 5 and 6 for KEDNY.

The Companies will continue to submit quarterly reports on the EAP to the Secretary to the Commission under Case 14-M-0565, as specified in the Low Income Order. The Parties acknowledge that Phase II of the Commission’s ongoing Affordability Proceeding (Case 14-M-0565) could result in modifications to EAP programs and discount calculations. To the extent the Commission adopts such modifications, in Case 14-M-0565

Case 19-G-0309

Case 19-G-0310

or Case 20-M-0266, the Commission's determination in such proceeding(s) will control and the Companies will incorporate any such changes to their respective EAP discount calculations and budgets.

11.2.2 Energy Affordability Engagement Initiative

To implement the energy affordability engagement initiatives, the Companies will add one FTE resource to support KEDNY and KEDLI in the continued implementation of the EAP.

11.2.3 File Match

The Companies agree to increase the frequency of its file match process with NYC HRA from twice per year to four times per year. During each Rate Year and each year during any Stayout Period, KEDNY and KEDLI will each reimburse NYC up to \$50,000 for NYC's mailing and associated costs for performing the file matches, and this cost reimbursement will be incorporated into the EAP deferral mechanism. Costs beyond the \$50,000 per Company, if any, will not be recoverable from customers. The Companies will not be responsible for reimbursing more than the \$50,000 per Company.

11.2.4 KEDLI File Match with Nassau and Suffolk Counties

Expanded file matching with Nassau and Suffolk Counties could significantly increase the number of participants in the Company's EAP. KEDLI, therefore, will schedule a collaborative meeting with the Office of Temporary Disability Assistance ("OTDA") and Nassau and Suffolk Counties to investigate an expanded file-matching mechanism for its EAP customers. Department of Public Service Staff, AARP and other interested parties will be invited to participate in the collaborative meeting. The associated costs for an expanded file match with Nassau and Suffolk Counties, up to \$25,000, would

be incorporated into the EAP deferral mechanism. Costs beyond the \$25,000, if any, provided herein will not be recoverable from customers. The Company will file a report to the Commission on the outcome of its discussions regarding a file-matching mechanism with Nassau and Suffolk Counties within six months of the issuance of a Commission order adopting the terms of this Joint Proposal. If an expanded file match can occur, this report will contain the method of such a file match, the associated costs, and what is included in the costs.

11.3 Reconnection Fees For EAP Customers

KEDLI does not charge EAP customers reconnect fees. KEDNY will waive all reconnection fees for customers that participate in the EAP. KEDNY will be permitted to defer for future recovery all reconnect fees for EAP customers waived during the terms of the rate plans.

11.4 Outreach and Education Plan

The Companies will file their annual Outreach and Education Plans electronically with the Secretary to the Commission by April 1 of each year in the docket for Case 17-M-0475, In the Matter of Utility Outreach and Education Plans. These Plans will include the annual outreach and education budget for the calendar year and the actual spend for the prior calendar year.

11.5 Increased Participation in Energy Efficiency Programs

The Companies shall modify their energy efficiency programs to the extent necessary to offer them to non-firm customers and Baseload Distributed Generation (“DG”) customers. The Companies will modify the manner in which they assess energy efficiency costs to assess costs to Baseload DG customers.

11.6 Arrears Resolution

If the Commission does not address residential and small business arrears arising from the COVID-19 pandemic by September 15, 2021, in either the generic COVID-19 proceeding or another generic proceeding, then the Companies will commence a collaborative to discuss arrears resolution-related issues to begin no later than October 1, 2021. The Companies shall file with the Commission a report no later than November 15, 2021, which shall describe any arrears resolution program that the Companies are planning to undertake and shall request, to the extent necessary, Commission authorization for such programs. The Companies shall not be obligated to undertake any arrears resolution program without obtaining approvals that they determine to be necessary. If the Commission makes a determination concerning an arrears resolution on a generic basis, such determination will control and eliminate the requirement for the collaboration.

11.7 Language Access

The Companies will work with Staff and other interested parties to assess the Companies' program to communicate with customers and other parties in different languages. The Companies will file a report with the Secretary to the Commission in Cases 19-G-0309 and 19-G-0310 concerning their efforts and programs no later than six months from the issuance of the Commission order adopting the terms of this Joint Proposal.

11.8 Enhanced Training for Consumer Advocates

As a consequence of the COVID-19 pandemic, moratorium on utility terminations, and related economic impacts, there is a growing number of customers who have arrears in excess of \$300 or who have not made a payment in more than three months. Certain of these customers may not be fully aware of their options for assistance because their

situation is relatively new to them, resulting from the effects of the COVID-19 pandemic.

The Companies will work to develop new training for Consumer Advocates involving implementation of a checklist of steps targeted at assisting these customers. An example of the Customer Advocate checklist is provided in Appendix 12.

12. Filing for New Rates

12.1 During the Term of the Rate Plans

KEDNY and KEDLI agree not to file for new base delivery rates to be effective prior to April 1, 2023. The following exceptions will apply:

(a) KEDNY and KEDLI may petition the Commission to implement changes to their base rates as may be required or warranted by newly-enacted legislation or regulations and nothing in the Joint Proposal shall prohibit KEDNY or KEDLI from implementing changes to rates or charges, in a manner to be determined by the Commission, as may be required by newly enacted legislation or regulations;

(b) KEDNY and KEDLI may petition the Commission for deferral of extraordinary expenses;

(c) KEDNY and KEDLI may petition the Commission for approval of new services and/or discrete incentives;

(d) KEDNY and KEDLI may petition the Commission for changes to rate design or revenue allocation that are revenue neutral, including, but not limited to, the implementation of new service classifications and/or elimination of existing service classifications. Such petitions must demonstrate that the proposed changes are consistent with the overall rate design and revenue allocation provided for in this Joint Proposal;

(e) KEDNY and KEDLI may petition the Commission for minor changes in

base rates, provided the effect is *de minimis* or is essentially offset by associated changes in other base rates, statements, terms or conditions of service; and

(f) KEDNY and KEDLI may file tariff amendments to implement changes as described in this Joint Proposal.

Any party may take any position on any filing made by the Companies pursuant to this Section. Moreover, any party may petition the Commission for minor changes in base rates, provided the effect is *de minimis* or is essentially offset by associated changes in other base rates, statements, terms or conditions of service.

Notwithstanding the foregoing, nothing in the Joint Proposal shall prohibit the Commission (upon its own motion or upon motion of an interested party) from exercising its ongoing statutory authority to act on the level of the Companies' rates in the event of unforeseen circumstances that, in the Commission's judgment, have such a substantial impact on the rate of return as to render the return on common equity devoted to either KEDNY or KEDLI's gas operations, unreasonable, unnecessary or inadequate for the provision of safe and adequate service.

12.2 Following the Term of the Rate Plans

If KEDNY and/or KEDLI do not file for new rates to be effective on or before April 1, 2023:

- (i) The Net Utility Plant and Depreciation Expense Reconciliation Mechanisms will be converted to two-way reconciliations through March 31, 2024 (capped at the Companies' current capital forecast levels

for the twelve months ending March 2024).¹⁹ The forecast capital levels to be used as the cap during the Stayout Period are set forth in Schedule 5 of Appendices 1 and 2 for KEDNY and KEDLI, respectively. Examples of this reconciliation are set forth in Schedule 4 of Appendices 1 and 2 for KEDNY and KEDLI, respectively. The Companies will establish surcharge mechanisms to be included in the DRA to recover the pre-tax revenue requirement associated with their capital investments to the extent they exceed the level of net utility plant and book depreciation expense reflected in rates. The costs will be allocated to all firm and non-firm service classifications based on the Total Plant allocator; and

- (ii) The Companies will be permitted to recover through a surcharge any Commission-approved NE:NY budget (or other approved energy efficiency programs) not otherwise recovered in rates needed to achieve energy efficiency targets in the twelve months ending March 31, 2024. Examples of this reconciliation are included in Schedule 11 of Appendices 6 and 7 for KEDNY and KEDLI, respectively.

If utilized, these accounting/rate mechanisms will take effect April 1, 2023 and continue until the earlier of the effective date of new base rates for each Company or March 31, 2024. KEDNY and KEDLI will not be permitted to recover incremental revenues through the mechanisms described in this section (or defer such revenues for

¹⁹ For the purpose of implementing individual deferral mechanisms, both the CSC and Customer Connection deferrals will reflect the Companies' forecast levels for the twelve months ending March 31, 2024. The CSC deferral will continue to be reconciled fully on a 90/10 basis during the period beyond the term of the rate plans until new base rates become effective.

future recovery) to the extent they cause the affected Company to earn a ROE in excess of 8.8 percent during the period in which the mechanisms are in effect.

13. **Miscellaneous Provisions**

13.1 Corporate Structure and Affiliate Rules

The corporate structure and affiliate rules that apply to the Companies are set forth in Appendix 11.

13.2 Paving Deferral Balances

Consistent with the provision of the Joint Proposal adopted by the Commission in Cases 16-G-0058 and 16-G-0059, KEDNY was authorized to defer paving costs. As of March 31, 2020, KEDNY had a deferral balance of \$67.9 million of such costs. KEDNY will write off \$3.4 million, or five percent of this balance, plus associated carrying charges. After this adjustment, KEDNY's deferral balance will be \$64.5 million as of March 31, 2020, plus carrying charges, and will continue to accrue carrying charges until addressed in a future rate proceeding. This balance will remain subject to audit but will not be subject to any further challenges that the \$64.5 million paving costs were not incremental to paving costs reflected in KEDNY's rates. Moreover, the scope of any future audit of KEDNY's paving deferral balance as established per Cases 16-G-0058 and 16-G-0059, will be limited to identifying whether there are discrete invoices that do not reflect paving costs. To the extent that such invoices are identified, such identification shall not result in any extrapolation that costs beyond those reflected on the discrete invoices should not be reflected in this deferral balance. Moreover, to the extent that unrepresented costs are identified that should be removed from the deferral balance, the deferral balance shall be

reduced by ninety-five percent of such costs to reflect the five percent adjustment that has already occurred.

V. Other Provisions

1. Submission to the Commission

The Signatory Parties agree to submit this Joint Proposal to the Commission and to request that the Commission adopt the terms of this Joint Proposal without modification. The Signatory Parties intend that this Joint Proposal will be adopted by the Commission as being in the public interest and agree individually to advocate its adoption by the Commission in its entirety and to act so as to expedite that result.

2. Conditioned on Commission Adoption/No Severability

Each provision of this Joint Proposal is in consideration and support of all other provisions, and the Signatory Parties' agreement with each provision is expressly conditioned upon the acceptance of the Joint Proposal in its entirety by the Commission. In the event or to the extent that the Commission does not adopt this Joint Proposal in its entirety, the Signatory Parties will be free to pursue their respective positions in this proceeding and any remedies at law or in equity without prejudice.

3. Application of Agreement/No Precedent

The provisions of this Joint Proposal apply solely to and are binding only in the context of this Joint Proposal and this proceeding. None of the terms of this Joint Proposal and none of the positions taken by any Signatory Party with respect to this Joint Proposal may be referred to, cited by or relied upon by anyone in any manner as precedent or otherwise in any other proceeding before the Commission or any other regulatory body or before any court of law for any purpose other than the adoption, implementation,

furtherance, or extension of this Joint Proposal. Concessions made by any Signatory Party on any issue do not preclude that party from addressing such issues in future rate proceedings or in other proceedings.

4. Future Actions/Dispute Resolution

The Signatory Parties recognize that certain provisions of this Joint Proposal contemplate actions to be taken in the future and agree to cooperate with each other in good faith in taking such actions.

In the event of any disagreement over the interpretation of this Joint Proposal that cannot be resolved informally among the Signatory Parties, the party claiming a dispute will serve a Notice of Dispute on the remaining parties, briefly identifying the provision or provisions of this Joint Proposal under dispute and the nature of the dispute, and convening a conference in a good faith attempt to resolve the dispute. If any such efforts are not successful in resolving the dispute among the Signatory Parties, any Signatory Party may submit the matter to the Commission for resolution.

5. Continuation

Except as set forth herein, following the expiration of the term of the KEDNY and KEDLI rate plans, all provisions of this Joint Proposal will continue until changed by order of the Commission. Except as expressly provided otherwise, any targets, goals, deferral thresholds, or other similar items set forth in this Joint Proposal for Rate Year Three will continue beyond Rate Year Three until modified by the Commission.

6. Extension

Nothing in this Joint Proposal will be construed as precluding the active parties from convening additional conferences and from reaching agreement to extend the term of

the rate plan set forth in this Joint Proposal on mutually acceptable terms and from presenting an agreement concerning such extension to the Commission for its approval.

7. Entire Agreement

This Joint Proposal sets forth the entire agreement of the Signatory Parties and supersedes any prior or contemporaneous written documents or oral understandings among the Signatory Parties concerning the matters addressed herein. In the event of any conflict between this Joint Proposal and any other document addressing the same subject matter, this Joint Proposal will control.

8. Counterparts

This Joint Proposal is being executed in counterpart originals and will be binding on each Signatory Party when all of the counterparts have been executed.

Signature Pages Follow

The Brooklyn Union Gas Company d/b/a National Grid NY and KeySpan Gas East Corporation d/b/a National Grid have this day signed and executed this Joint Proposal.

By: 
Philip A. DeCicco
Deputy General Counsel

Date: May 14, 2021

Case 19-G-0309

Case 19-G-0310

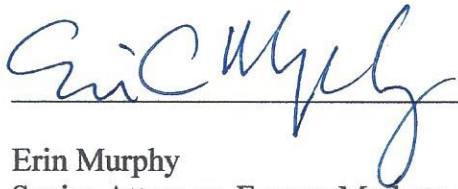
New York State Department of Public Service Staff has this day signed and executed this
Joint Proposal.

By: 

Brandon F. Goodrich
Staff Counsel

Date: May 14, 2021

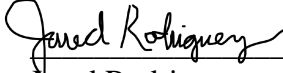
Environmental Defense Fund has this day signed and executed this Joint Proposal.

By:  _____

Erin Murphy
Senior Attorney, Energy Markets & Utility Regulation
Environmental Defense Fund

Date: May 14, 2021

Estates NY Real Estate Services LLC has this day signed and executed this Joint Proposal.

By:  _____
Jared Rodriguez
Agent of Owner

Date: May 14, 2021

NY-GEO has this day signed and executed this Joint Proposal.

By: Bill Nowak

Date: May 14, 2021

Bob Wyman has this day signed and executed this Joint Proposal.

By:  _____

Date: May 13, 2021

Long Island Power Authority has this day signed and executed this Joint Proposal.

READ AND LANIADO, LLP
Attorneys for Long Island Power Authority

By: 
Kevin R. Brocks

Date: May 14, 2021

Appendix 1

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Statement of Operating Income
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	Company Rebuttal Adj. to Staff Amounts	Company Adj. 2nd Supplemental	Company Adj. 3rd Supplemental	Settlement Adjustments	Rate Year Ending March 31, 2021	Base Revenue Increase Required	Rate Year Ending March 31, 2021 with Base Revenue Requirement
<u>Operating Revenues</u>	\$ 1,875,172	\$ (109,536)	\$ 33,315	\$ 31,403	\$ (23,416)	\$ (27,491)	\$ 1,779,447	\$ (4,710)	\$ 1,774,737
<u>Deductions</u>									
Purchased Gas Costs	529,543	(97,275)	30,435	28,936	(21,939)	(9,527)	460,173		460,173
Revenue Taxes	65,303	(2,885)	709	946	(584)	(1,228)	62,261	(165)	62,096
Total Deductions	594,846	(100,160)	31,144	29,882	(22,523)	(10,755)	522,434	(165)	522,269
Gross Margin	1,280,326	(9,376)	2,171	1,521	(893)	(16,736)	1,257,013	(4,545)	1,252,468
Total Operation & Maintenance Expenses	670,976	(70,144)	60,285	7,198	(865)	(67,371)	600,079	(42)	600,037
Amortization of Regulatory Deferrals	18,521	(13,647)	13,647	-	-	(28,610)	(10,089)		(10,089)
Depreciation, Amort. & Loss on Disposition	159,342	(17,931)	17,814	383	-	(28,349)	131,260	-	131,260
Taxes Other Than Revenue & Income Taxes	180,800	(1,663)	1,503	-	-	(1,327)	179,313		179,313
Total Operating Revenue Deductions	1,029,639	(103,385)	93,249	7,581	(865)	(125,656)	900,563	(42)	900,521
Operating Income Before Income Taxes	250,687	94,009	(91,078)	(6,060)	(28)	108,920	356,450	(4,503)	351,947
<u>Income Taxes</u>									
Federal Income Taxes	24,816	7,604	(7,008)	(1,307)	(1)	(3,735)	20,369	(866)	19,503
State Income Taxes	11,793	8,071	(7,812)	(570)	-	9,293	20,775	(377)	20,398
Total Income Taxes	36,609	15,675	(14,820)	(1,877)	(1)	5,558	41,144	(1,243)	39,901
Operating Income After Income Taxes	\$ 214,079	\$ 78,334	\$ (76,258)	\$ (4,184)	\$ (27)	\$ 103,362	\$ 315,306	\$ (3,259)	\$ 312,046
Rate Base	\$ 4,965,423	\$ (130,928)	\$ 100,067	\$ 34,358	\$ (1,128)	\$ (45,921)	\$ 4,921,871		\$ 4,921,871
Rate of Return	4.31%						6.41%		6.34%
<u>Note 1</u>			Present Rates			Proposed		Difference	
Operating Revenues			\$ 1,779,447			\$ 1,774,737		\$ (4,710)	
GRT			(62,261)			(62,096)		165	
Purchased Gas			(460,173)			(460,173)		-	
Remove Tax Surcredit			(40,494)			-		40,494	
Add Back ETIP			18,557			-		(18,557)	
Base Revenue Increase			\$ 1,235,076			\$ 1,252,468		\$ 17,392	

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of O&M Expenses
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing		As Adjusted by Staff		Company Rebuttal	Company	Company	Joint Proposal	
	Rate Year Ending	Staff	Rate Year Ending	Adjustments	to Staff Amounts	Adj. 2nd	Adj. 3rd	Settlement	Rate Year Ending
	March 31, 2021	Adjustments	March 31, 2021			Supplemental	Supplemental	Adjustments	March 31, 2021
Operation & Maintenance Expenses:									
Departmental Items:									
Consultants	\$ 12,039	\$ (1,146)	\$ 10,893	\$ 1,146	\$ -	\$ -	\$ -	\$ (889)	\$ 11,150
Contractors	78,724	(6,464)	72,260	1,263	-	-	-	(949)	72,575
Donations	-	-	-	-	-	-	-	-	-
Employee Expenses	5,022	-	5,022	-	-	-	-	-	5,022
Hardware	256	-	256	-	-	-	-	-	256
Software	6,114	-	6,114	-	-	-	-	-	6,114
Other	21,764	(920)	20,844	920	-	-	-	(184)	21,580
Rents	8,366	-	8,366	-	-	-	-	(130)	8,236
Service Company Rents	43,746	(10,323)	33,423	10,240	-	-	-	(15,133)	28,530
Construction Reimbursement	400	-	400	-	-	-	-	-	400
FAS 106	(2,389)	-	(2,389)	-	-	-	-	-	(2,389)
FAS 112	279	-	279	-	-	-	-	-	279
Health Care	17,377	-	17,377	-	-	-	-	-	17,377
Group Life Insurance	768	-	768	-	-	-	-	-	768
Other Benefits	526	-	526	-	-	-	-	-	526
Pension	11,313	-	11,313	-	-	-	-	-	11,313
Thrift Plan	7,010	-	7,010	-	-	-	-	-	7,010
Workers Comp	1,626	-	1,626	-	-	-	-	-	1,626
Materials Outside Vendor	4,274	-	4,274	-	-	-	-	-	4,274
Materials From Inventory	14,817	-	14,817	-	-	-	-	-	14,817
Materials Stores Handling	1,340	-	1,340	-	-	-	-	-	1,340
Postage	8,661	-	8,661	-	-	-	-	-	8,661
Total Labor	167,595	(3,029)	164,566	3,029	-	-	-	(1,013)	166,582
Transportation	8,399	(619)	7,780	619	-	-	-	(310)	8,090
Energy Efficiency Program	18,879	-	18,879	(210)	72	70	-	-	18,812
Injuries & Damages	7,473	-	7,473	-	-	-	-	-	7,473
Other Initiatives	66,243	(18,443)	47,800	18,158	6,838	(722)	(39,542)	-	32,532
Productivity Adjustment	(3,894)	38	(3,856)	(38)	-	-	18	-	(3,876)
Rate Case Expense	241	-	241	-	-	-	-	-	241
Regulatory Assessment Fees	7,509	-	7,509	-	-	-	-	-	7,509
Uncollectible Accounts	17,037	(1,503)	15,534	805	287	(213)	(727)	-	15,687
Site Investigation & Remediation Expenses	86,088	(15,168)	70,920	15,168	-	-	-	(15,168)	70,920
Joint Facilities	-	-	-	-	-	-	-	-	-
Savings	(10,265)	(10,790)	(21,055)	9,686	-	-	-	(2,580)	(13,949)
Legal	1,841	-	1,841	-	-	-	-	-	1,841
Accounting	2,589	-	2,589	-	-	-	-	-	2,589
Economic Development Program	500	500	1,000	(500)	-	-	-	1,750	2,250
Low Income Program	25,466	-	25,466	-	-	-	-	12,984	38,450
Incentive Program	1,600	(1,100)	500	-	-	-	-	(500)	-
Paving	31,642	(1,177)	30,465	-	-	-	-	(5,000)	25,465
TOTAL	\$ 670,976	\$ (70,144)	\$ 600,832	\$ 60,285	\$ 7,198	\$ (865)	\$ (67,371)	\$ 600,079	

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Federal Income Taxes
For the Rate Year Ending March 31, 2021
(Whole Dollars)

	Federal					Net FIT Before Rev Req
	Federal Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DFIT Reversals	
NET INCOME BEFORE FEDERAL & STATE INCOME TAXES	\$ 356,450,407	\$ -	\$ 356,450,407	\$ 74,855,000	\$ -	\$ 74,855,000
Interest	(104,343,675)		(104,343,675)	(21,912,000)		(21,912,000)
New York State Income Taxes	(20,774,977)		(20,774,977)	(4,363,000)		(4,363,000)
Flow-through Cost of Removal (through AFUDC)	(142,426)		(142,426)	(30,000)		(30,000)
Flow-through Depreciation	700,225		700,225	147,000		147,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	95,000		95,000	20,000		20,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other - 2	-		-	-		-
Other - 3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item - 3	-		-	-		-
Excess ADIT Amortization	-		-	-		-
TOTAL FIT EXPENSE	\$ -	\$ -	\$ 231,984,554	\$ 48,717,000	\$ -	\$ (28,347,683)
Federal Tax Rate	21.00%					\$ 20,369,317

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
State Income Taxes
For the Rate Year Ending March 31, 2021
(Whole Dollars)

	State					Net SIT Before Rev Req
	State Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
NET INCOME BEFORE FEDERAL & STATE INCOME TAXES	\$ 356,450,407	\$ -	\$ 356,450,407	\$ 29,871,000	\$ -	\$ 29,871,000
Interest	(104,343,675)		(104,343,675)	(8,744,000)		(8,744,000)
Flow-through Cost of Removal (through AFUDC)	(142,426)		(142,426)	(12,000)		(12,000)
Flow-through Depreciation	700,225		700,225	59,000		59,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	95,000		95,000	8,000		8,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other - 2	-		-	-		-
Other - 3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item - 3	-		-	-		-
Excess ADIT Amortization	-		-	-		-
TOTAL SIT EXPENSE	\$ -	\$ -	\$ 252,759,531	\$ 21,182,000	\$ (407,023)	\$ (407,023)
NY State Tax Rate	8.38%					\$ 20,774,977

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of Rate Base
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adj. to Staff Amounts	Company Adj. 2nd Supplemental	Company Adj. 3rd Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Net Utility Plant	\$ 5,795,887	\$ (83,366)	\$ 5,712,521	\$ 58,848	\$ 36,587	\$ -	\$ (24,526)	\$ 5,783,430
Regulatory Assets / Liabilities ¹	40,816	(22,316)	18,500	22,316	-	-	-	40,816
Accumulated Deferred Income Taxes - Federal	(973,048)	12,628	(960,420)	(14,028)	(3,115)	-	14,785	(962,778)
Accumulated Deferred Income Taxes - State	(189,201)	2,952	(186,249)	(3,559)	(1,360)	-	879	(190,289)
Working Capital								
Materials and supplies	113,951	-	113,951	-	-	-	-	113,951
Prepayments	107,530	-	107,530	-	-	-	-	107,530
O&M Cash Allowance (1/8 O&M exp)	81,742	(8,580)	73,162	7,435	864	(81)	(8,331)	73,049
Supply Cash Allowance (Dec 18 lead/lag study)	31,865	-	31,865	-	-	-	-	31,865
City/State Construction Accounts Receivable	58,744	(58,744)	(0)	58,744	-	-	(58,744)	(0)
Change in Supply Cash Allowance (4.77 % x RY PP exp)	(7,699)	(3,973)	(11,672)	783	1,381	(1,047)	(455)	(11,010)
Change in City/State Construction Accounts Receivable	28,273	(28,273)	0	28,273	-	-	(28,273)	0
subtotal Working Capital	414,406	(99,570)	314,836	95,235	2,245	(1,128)	(95,803)	315,385
subtotal avg. before EBCAP adj.	5,088,860	(189,672)	4,899,188	158,811	34,358	(1,128)	(104,665)	4,986,564
Excess Earnings Base adjustment	(123,437)	58,744	(64,693)	(58,744)	-	-	58,744	(64,693)
Total Rate Base	\$ 4,965,423	\$ (130,928)	\$ 4,834,495	\$ 100,067	\$ 34,358	\$ (1,128)	\$ (45,921)	\$ 4,921,871

¹ Note: Includes Account C1866122 Cost Sharing Agreement. For settlement purposes, the parties agree to include this account in this case with the acknowledgment that this decision does not establish precedent for including the Cost Sharing Agreement deferral in Rate Base in future rate case proceedings.

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Capital Structure
For the Rate Year Ending March 31, 2021

Joint Proposal Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 2,538,209	51.57%	4.12%	2.12%	2.12%
Customer Deposits	21,164	0.43%	0.90%	0.00%	0.00%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	2,362,498	48.00%	8.80%	4.22%	5.83%
Total	\$ 4,921,871	100.00%		6.34%	7.95%

Company's Third Supplemental Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 2,560,964	51.58%	4.14%	2.13%	2.13%
Customer Deposits	21,055	0.42%	2.45%	0.01%	0.01%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	2,383,403	48.00%	9.65%	4.63%	6.40%
Total	\$ 4,965,422	100.00%		6.77%	8.54%

OTHER REVENUE REQUIREMENT INPUTS

Forecast Rate Year Rates to apply to Rev Req					
Bad Debt % for Rev Req	0.89%				Tax \$ 62,261
GRT rate for Rev Req	3.50%				Revenue \$ 1,779,447
Federal Income Tax rate	21.00%				GRT 3,498,895.6%
NYS Income Tax rate	8.38%	72.3798%			
Historic Year EBCAP	\$ 32,828				
General Inflation (from 12/31/18 to 3/31/21)	3.9570%				

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Company Rebuttal to PSC Staff Direct Case
Company Rebuttal to Staff Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

	Staff Direct Amount	Company Adjustments to Staff Amount	Company Rebuttal Amount
Operating Revenues			
<u>Adj. 1</u> To reduce Operating Revenues associated with NESE, Company adjustment	(96,571)	-	(96,571)
<u>Adj. 9</u> To reduce Operating Revenue associated with NESE, to reflect the Company's latest sales forecast	(16,246)	36,596	20,350
<u>Adj. 16</u> To reflect increased revenues associated with the Newtown Creek project	3,281	(3,281)	-
	\$ (109,536)	\$ 33,315	\$ (76,221)
Purchased Gas Costs			
<u>Adj. 2</u> To reduce Purchased Gas costs associated with NESE	(83,249)	-	(83,249)
<u>Adj. 10</u> To reduce Purchased Gas costs associated with NESE, to reflect the Company's latest sales forecast	(14,026)	30,435	16,409
	\$ (97,275)	\$ 30,435	\$ (66,840)
Revenue Taxes			
<u>Adj. 3</u> To reduce Revenue Tax associated with NESE	(2,685)	-	(2,685)
<u>Adj. 11</u> To reduce Revenue Taxes associated with NESE, to reflect the Company's latest sales forecast	(200)	709	509
	\$ (2,885)	\$ 709	\$ (2,176)
Operating and Maintenance Expenses			
Consultants			
<u>Adj. 17 (a)</u> To adjust Consultants to remove charges from Alix Partners	(1,146)	1,146	-
	\$ (1,146)	\$ 1,146	\$ -
Contractors			
<u>Adj. 17 (b)</u>			
1 To adjust Contractors to reflect a 3-year average of snow removal	(1,263)	1,263	-
2 To adjust Contractors to reflect the proper forecast for Local Law 30	(5,201)	-	(5,201)
	\$ (6,464)	\$ 1,263	\$ (5,201)
Other			
<u>Adj. 17 (c)</u> To adjust Other expense to reflect a 25% reduction in costs for Notice Of Violations	(920)	920	-
	\$ (920)	\$ 920	\$ -
Service Company Rents			
<u>Adj. 17 (d)</u>			
1 To adjust Service Company Rents to remove certain projects	(62)	(21)	(83)
2 To reduce Service Company Rents to reflect Staff's ROE	(3,553)	3,553	-
3 To remove Gas Business Enablement CapEx contingencies	(2,136)	2,136	-
4 To adjust Service Company Rents to reflect Staff's forecasted budget	(4,572)	4,572	-
	\$ (10,323)	\$ 10,240	\$ (83)
Total Labor			
<u>Adj. 17 (e)</u>			
1 To reduce Labor expense to reflect a 3% management wage increase	(270)	270	-
2 To reduce Labor expense to reflect a vacancy rate	(2,759)	2,759	-
	\$ (3,029)	\$ 3,029	\$ -
Transportation			
<u>Adj. 17 (none)</u> To reflect Staff's forecast of vehicles to be replaced	(619)	619	-
	\$ (619)	\$ 619	\$ -
Other Initiatives			
<u>Adj. 4 (a)</u> To reduce Other Initiatives associated with NESE	(3)	(6)	(9)
<u>Adj. 12 (a)</u> To remove 2.4 FTEs from Future of Heat for Renewable Natural Gas and Non-Pipeline Alternative	(233)	233	-
<u>Adj. 17 (f)</u>			
1 To include the CapEx costs of Low-Pressure Main Valve Installations (offset by the amortization of	2,460	(2,460)	-
2 To reduce management salary increase to 3%	(16)	16	-
3 Staff adjustment to the Hydrogen Blending Research project	(24)	24	-
4 To remove 2 FTEs from GSP Contractor Safety Inspection	(27)	27	-
5 To remove 0.4 FTE from GSP Enhanced Methane Detection	(44)	44	-
6 To remove 0.6 FTE from GIOP Storm Hardening	(55)	55	-
7 To remove 0.5 FTE from FOH Green Gas Tariff	(64)	64	-
8 To remove 0.5 FTE from FOH Geothermal	(82)	82	-
9 To remove 0.7 FTE from FOH Demand Response	(86)	86	-
10 To adjust allocation of costs for the Customer Online Fuel Switch Calculator	(92)	92	-
11 To remove 1 FTE from FOH Utility Energy Services Contract	(105)	105	-
12 Staff adjustment to Renewable Natural Gas	(111)	111	-
13 Staff adjustment to the Geothermal project	(117)	117	-
14 To update labor burdens for Staff's Rate Year forecast	(123)	(50)	(173)
15 To remove UESC costs to reflect costs being funded through the ETIP budget	(138)	138	-
16 To remove 2 FTEs from GIOP IMP/IVP OpEx	(192)	192	-
17 To remove 9 FTEs from GIOP OpEx Support For Capital Program	(319)	216	(103)
18 To remove Storm Hardening to reflect pushing program out a year	(521)	521	-
19 To remove EM&V costs to reflect costs being funded through the ETIP budget	(924)	924	-
20 To remove Demand Response Program costs, recovered through a non-bypassable delivery surcharge	(1,216)	1,216	-
21 To adjust Gas IS Opex/RTB to apply slippage to Opex/RTB	(1,600)	1,600	-
22 Staff adjustment to IMP/IVP OpEx - IMP (PHMSA Rules)	(4,285)	4,285	-
23 To adjust Gas IS Opex/RTB to remove CIS	(10,526)	10,526	-
	\$ (18,443)	\$ 18,158	\$ (285)
Productivity Adjustment			
<u>Adj. 17 (g)</u> To adjust productivity to reflect Staff's Labor forecast	38	(38)	-
	\$ 38	\$ (38)	\$ -
Uncollectible Accounts			
<u>Adj. 4 (b)</u> To reduce Uncollectible accounts associated with NESE and updated sales forecast	(882)	184	(698)
<u>Adj. 17 (h)</u> To adjust Uncollectibles to reflect the latest rolling 3 year average	(621)	621	-
	\$ (1,503)	\$ 805	\$ (698)
Site Investigation and Remediation			
<u>Adj. 17 (i)</u> To reduce SIR Expense to reflect a projected average of MGP Costs for FY21-FY24	(15,168)	15,168	-
	\$ (15,168)	\$ 15,168	\$ -

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Company Rebuttal to PSC Staff Direct Case
Company Rebuttal to Staff Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

		Staff Direct Amount	Company Adjustments to Staff Amount	Company Rebuttal Amount
Savings				
<u>Adj. 17 (i)</u>				
1	To adjust savings to include savings associated with initiatives #17533 and #24611	(119)	-	(119)
2	To adjust savings, reducing the cost to achieve	(211)	211	-
3	To adjust savings to reflect the updated Level 4 and Level 5 savings	(985)	-	(985)
4	To adjust savings to reflect Level 3 savings in the Rate Year	(9,475)	9,475	-
		\$ (10,790)	\$ 9,686	\$ (1,104)
Economic Development				
<u>Adj. 17 (k)</u>	To adjust economic development to reflect Staff's incremental program costs	500	(500)	-
		\$ 500	\$ (500)	\$ -
Incentive Program				
<u>Adj. 4 (c)</u>	To reduce Incentive Program costs associated with NESE	(1,100)	-	(1,100)
		\$ (1,100)	\$ -	\$ (1,100)
Paving				
<u>Adj. 17 (l)</u>	To adjust Contractors to reflect the proper forecast for Local Law 30	(1,177)	-	(1,177)
		\$ (1,177)	\$ -	\$ (1,177)
<u>Adj. 17 (m)</u>	Energy Efficiency			
	To adjust for energy efficiency revenue forecast	-	(210)	(210)
		\$ -	\$ (210)	\$ (210)
Total Operating and Maintenance Expense Adjustment		\$ (70,144)	\$ 60,285	\$ (9,859)
Amortization of Regulatory Deferrals				
<u>Adj. 18</u>				
1	To amortize the Economic Development program deferral account to offset Staff's incremental progr	(500)	500	-
2	To amortize Gas Safety NRAs deferral accounts to offset the costs of specific Gas Safety programs r	(5,852)	5,852	-
3	To amortize the unexpended EEPS and ETIP deferral balances over a 5-year period	(7,295)	7,295	-
		\$ (13,647)	\$ 13,647	\$ -
Depreciation Expense				
<u>Adj. 5</u>	To reduce Depreciation expense associated with NESE	(386)	4	(382)
<u>Adj. 19</u>				
1	To adjust Depreciation Expense tracking Staff's forecast of Plant additions	(761)	1,026	265
2	To adjust Depreciation Expense to reflect Staff's Depreciation Rates	(16,784)	16,784	-
		\$ (17,931)	\$ 17,814	\$ (117)
Taxes Other Than Revenue & Income Taxes				
Real Estate Taxes				
<u>Adj. 20 (a)</u>	To reduce Property Taxes to reflect a 3-Year average growth rate	(1,274)	1,274	-
		\$ (1,274)	\$ 1,274	\$ -
Payroll Taxes				
<u>Adj. 20 (b)</u>	To adjust Payroll Taxes to reflect Staff's Labor Forecast	(205)	205	-
		\$ (205)	\$ 205	\$ -
Other Taxes				
<u>Adj. 20 (c)</u>	To adjust Other Taxes to remove out of period non-recurring amounts	(184)	24	(160)
		\$ (184)	\$ 24	\$ (160)
Total Taxes Other Than Revenue & Income Taxes Adjustments		\$ (1,663)	\$ 1,503	\$ (160)
Federal Income Taxes				
<u>Adj. 6</u>	To adjust current Federal Income tax tracking the adjustments removing NESE	(1,464)	-	(1,464)
<u>Adj. 13</u>	To adjust current Federal Income tax tracking the adjustments removing NESE	(342)	-	(342)
<u>Adj. 21 (a)</u>	To reflect an amortization period of 10 years for excess ADIT	(10,928)	10,928	-
<u>Adj. 21 (b)</u>	To adjust current Federal Income Taxes, tracking Staff's adjustments	20,338	(17,936)	2,402
		\$ 7,604	\$ (7,008)	\$ 596
State Income Taxes				
<u>Adj. 7</u>	To adjust current State Income tax tracking the adjustments removing NESE	(638)	-	(638)
<u>Adj. 14</u>	To adjust current State Income tax tracking the adjustments removing NESE	(150)	-	(150)
<u>Adj. 22</u>	To adjust current State Income Taxes, tracking Staff's adjustments	8,859	(7,812)	1,047
		\$ 8,071	\$ (7,812)	\$ 259
Total Income Tax Adjustments		\$ 15,675	\$ (14,820)	\$ 855
Rate Base				
Net Utility Plant				
<u>Adj. 8 (a)</u>	To reduce Net Utility Plant associated with NESE	(30,413)	659	(29,754)
Utility Plant				
<u>Adj. 23 (a)</u>	To reflect Staff's forecast of plant additions	(48,573)	53,809	5,236
Accumulated Depreciation				
<u>Adj. 23 (b)</u>				
1	To adjust Accumulated Depreciation tracking Staff's adjustments to Utility Plant	(12,772)	12,772	-
2	To adjust Accumulated Depreciation tracking Staff's adjustment to Depreciation expense	8,392	(8,392)	-
		\$ (83,366)	\$ 58,848	\$ (24,518)
Regulatory Assets/Liabilities				
<u>Adj. 23 (c)</u>	To remove the regulatory deferred asset balance related to CSC reimbursable projects from rate base	(22,316)	22,316	-
		\$ (22,316)	\$ 22,316	\$ -
Accumulated Deferred Income Taxes - Federal				
<u>Adj. 8 (b)</u>	To increase ADIT associated with NESE	2,443	-	2,443
<u>Adj. 23 (d)</u>				
1	Staff Adjustment to ADIT tracking Staff's adjustment to the amortization of other non-plant excess A	(929)	929	-
2	Staff Adjustment to ADIT tracking Staff's adjustment to the amortization of excess unprotected plant	6,392	(6,392)	-
3	To adjust ADFIT tracking Staff's adjustment to Net Utility Plant	4,722	(8,565)	(3,843)
		\$ 12,628	\$ (14,028)	\$ (1,400)

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Company Rebuttal to PSC Staff Direct Case
Company Rebuttal to Staff Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

	Staff Direct Amount		Company Adjustments to Staff Amount		Company Rebuttal Amount
Accumulated Deferred Income Taxes - State					
<u>Adj. 8 (c)</u>	1,068		-		1,068
<u>Adj. 23 (c)</u>	1,884	\$ 2,952	(3,559)	\$ (3,559)	(1,675)
					\$ (607)
Working Capital					
<u>Adj. 8 (d)</u>					
2	(3,973)	\$ (3,973)	783	\$ 783	(3,190)
1	(138)		-		(138)
<u>Adj. 15</u>	(29)		-		(29)
<u>Adj. 23 (f) 3</u>	(8,413)	\$ (8,580)	7,435	\$ 7,435	(978)
					\$ (1,145)
<u>Adj. 23 (f) 1</u>	(58,744)	\$ (58,744)	58,744	\$ 58,744	-
					\$ -
<u>Adj. 23 (f) 2</u>	(28,273)	\$ (28,273)	28,273	\$ 28,273	-
					\$ -
Excess Earnings Base (EB/CAP)					
<u>Adj. 22 (g)</u>	58,744	\$ 58,744	(58,744)	\$ (58,744)	-
					\$ -
Total Rate Base Adjustments					
		<u>\$ (130,928)</u>		<u>\$ 100,067</u>	<u>\$ (30,861)</u>

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Second Supplemental
Company Second Supplemental Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

		Company Second Supplemental Amount	
Operating Revenues			
<u>Adj. 1</u>	To reflect updated Sales forecast	31,403	\$ 31,403
Purchased Gas Costs			
<u>Adj. 2</u>	To reflect updated Purchased Gas Costs	28,936	\$ 28,936
Revenue Taxes			
<u>Adj. 3</u>	To increase Revenue Taxes associated with Company's latest sales forecast	946	\$ 946
Operating and Maintenance Expenses			
Energy Efficiency			
<u>Adj. 4</u>	Flow through for updated sales forecast	72	\$ 72
Other Initiatives			
<u>Adj. 5</u>	Damage Prevention Mark Out Contract Update	6,829	
<u>Adj. 6</u>	Adjustment for No NESE	9	\$ 6,838
Uncollectible Accounts			
<u>Adj. 7</u>	Flow through for updated sales forecast	287	\$ 287
Total Operating and Maintenance Expense Adjustment			\$ 7,198
Depreciation Expense			
<u>Adj. 8</u>	Updates to include projects to continue new gas supply connections	383	\$ 383
Federal Income Taxes			
<u>Adj. 9</u>	To adjust current Federal Income tax flow through	(1,307)	\$ (1,307)
State Income Taxes			
<u>Adj. 10</u>	To adjust current State Income tax flow through	(570)	\$ (570)
Total Income Tax Adjustments			\$ (1,877)
Rate Base			
Net Utility Plant			
<u>Adj. 11</u>	Updates to include projects to continue new gas supply connections	36,587	\$ 36,587
Accumulated Deferred Income Taxes - Federal			
<u>Adj. 12</u>	To adjust ADFIT flow through related to adjustment to Net Utility Plant	(3,115)	\$ (3,115)
Accumulated Deferred Income Taxes - State			
<u>Adj. 13</u>	To adjust ADSIT flow through related to adjustment to Net Utility Plant	(1,360)	\$ (1,360)
Working Capital			
<u>Adj. 14</u>	Change in Supply Cash Allowance associated with updated sales forecast	1,381	
<u>Adj. 15</u>	To adjust working capital to reflect O&M adjustments	864	\$ 2,245
Total Rate Base Adjustments			\$ 34,358

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Third Supplemental
Company Third Supplemental Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

	Company Third Supplemental Amount	
Operating Revenues		
<u>Adj. 1</u> To reflect updated Sales forecast - DPS-1061	(22,112)	
<u>Adj. 2</u> To reflect updated Sales forecast - 2020 EE Order	(1,304)	\$ (23,416)
Purchased Gas Costs		
<u>Adj. 3</u> To reflect updated Purchased Gas Costs - DPS-1061	(21,413)	
<u>Adj. 4</u> To reflect updated Purchased Gas Costs - 2020 EE Order	(526)	\$ (21,939)
Revenue Taxes		
<u>Adj. 5</u> To increase Revenue Taxes associated with updated sales forecast-DPS-1061	(547)	
<u>Adj. 6</u> To increase Revenue Taxes associated with updated sales forecast-2020 EE Order	(37)	\$ (584)
Operating and Maintenance Expenses		
Energy Efficiency		
<u>Adj. 7</u> Updated for 2020 EE Order	70	\$ 70
Other Initiatives		
<u>Adj. 8</u> Updated for 2020 EE Order - EM&V	(924)	
<u>Adj. 9</u> Updated for 2020 EE Order - Incremental FTE's	203	\$ (722)
Uncollectible Accounts		
<u>Adj. 10</u> Flow through for updated sales forecast - DPS-1061	(202)	
<u>Adj. 11</u> Flow through for updated sales forecast - 2020 EE Order	(11)	\$ (213)
Total Operating and Maintenance Expense Adjustment		\$ (865)
Federal Income Taxes		
<u>Adj. 12</u> To adjust current Federal Income tax flow through	(1)	\$ (1)
State Income Taxes		
<u>Adj. 13</u> To adjust current State Income tax flow through	-	\$ -
Total Income Tax Adjustments		\$ (1)
Rate Base		
Working Capital		
<u>Adj. 14</u> Change in Supply Cash Allowance associated with updated sales forecast - DPS-1061	(1,022)	
	(25)	
<u>Adj. 15</u> To adjust working capital to reflect O&M adjustments - 2020 EE Order	(81)	\$ (1,128)
Total Rate Base Adjustments		\$ (1,128)

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Final Settlement

Final Settlement Adjustments for the Rate Year Ending March 31, 2021

(\$000's)

			Final Settlement Amount	
Operating Revenues				
Adj. 24	To increase Newtown Creek revenue	Offer 2	3,055	
	To update sales forecast for COVID impact	Offer 2	(27,350)	
	To correct forecast	Offer 4 revised	1,783	
	To remove Newtown Creek revenue from RY1	Offer 6	(4,979)	\$ (27,491)
Purchased Gas Costs				
Adj. 25	To update sales forecast for COVID impact	Offer 2	(9,527)	\$ (9,527)
Revenue Taxes				
Adj. 26	To update sales forecast for COVID impact	Offer 2	(1,418)	
	To correct forecast	Offer 4 revised	190	\$ (1,228)
Operating and Maintenance Expenses				
Adj. 1 Consultants				
a	To adjust Consultants to for management audit update	Offer 1	(29)	
b	To adjust Consultants to remove charges from Alix Partners - accept 25%	Offer 1	(286)	
c	To adjust Consultants to remove charges from Alix Partners - accept remaining adjustment	Offer 3	(573)	\$ (889)
Adj. 2 Contractors				
a	To accept 50% staff snow removal adjustment	Offer 1	(631)	
b	To accept remaining difference in snow removal	Offer 2	(318)	\$ (949)
Adj. 3 Other				
	To adjust Other expense to reflect 5% of Staff's adjustment for Notice Of Violations	Offer 1	(184)	\$ (184)
Adj. 4 Service Company Rents				
a	To adjust Service Company Rents to reflect forecasted budget, ROE	Offer 1	(17,789)	
b	Correct Company calculation	Offer 2	2,656	\$ (15,133)
Adj. 5 Other Initiatives				
a	To adjust Gas Safety programs	Offer 1	(10,063)	
b	To adjust capital related O&M and Other	Offer 1	(2,273)	
c	To adjust Future of Heat Programs	Offer 1	(2,911)	
d	To adjust IT RTB	Offer 1	(9,467)	
e	IMP/IVP	Offer 2	(4,110)	
f	Station Integrity Test for reduction in capex (50% RY1)	Offer 2	(73)	
g	Reduce D&R consistent with LPP mileage reduction	Offer 2	(940)	
h	Remove 3 FTE's support capital (1 suprv, 2 inspectors)	Offer 2	(114)	
i	Mgmt Increase to 1.9% in FY2021	Offer 2	(19)	
j	Change in labor OH's due to labor change	Offer 2	2	
k	Reduce IT Opex	Offer 2	(2,855)	
l	Remove EE FTE's (leaves 5 over the 3 years)	Offer 2	(250)	
m	Pipeline Safety Damage Prevention Markout- Reflect Adjustment in DPS-1067	Offer 3	(1,889)	
n	Pipeline Safety Damage Prevention Markout- RY1 50%, RY2 90%, RY3 100%	Offer 3	(2,470)	
o	Add non-labor for 3 damage prevention gas supervisors	Offer 3	45	
p	Adjust IT to staff's amount	Offer 3	(15)	
q	Gas Pipeline Safety - Adjust Damage Prevention Advisor Program	Offer 5	(160)	
r	Remove FTEs - OpEx Support for Capital Program	Offer 5	(17)	
s	Remove Shared Services Prepaid/Credit/Debit card Program	Offer 5	(1,964)	\$ (39,542)

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Final Settlement

Final Settlement Adjustments for the Rate Year Ending March 31, 2021

(\$000's)

			Final Settlement Amount	
			(15,168)	\$ (15,168)
<u>Adj. 6</u>	Site Investigation and Remediation			
	To reduce SIR Expense to reflect a projected average of MGP Costs for FY21-FY24	Offer 1	(15,168)	\$ (15,168)
<u>Adj. 7</u>	Savings			
a	To adjust savings, reducing the cost to achieve	Offer 1	(211)	
b	To adjust savings to reflect 25% Level 3 savings in the Rate Year	Offer 1	(2,369)	\$ (2,580)
<u>Adj. 16</u>	Labor			
a	To accept vacancy adjustment	Offer 3	(436)	
b	Reflect change in management wage increase	Offer 2	(572)	
c	To adjust for rounding	Offer 4	(5)	\$ (1,013)
<u>Adj. 17</u>	Transportation			
	Adjust to staff position - lease forecast	Offer 2	(310)	\$ (310)
<u>Adj. 18</u>	Productivity			
	Flow through for labor adjustment	Offer 2/3	18	\$ 18
<u>Adj. 19</u>	Uncollectible			
a	To adjust rate to May 2019 amounts	Offer 2	(500)	
b	Flow through from revenue change	Offer 2/4	(227)	\$ (727)
<u>Adj. 20</u>	Economic Development			
	Adjust to Staff Position	Offer 2	1,750	\$ 1,750
<u>Adj. 21</u>	Low Income Discount			
a	Adjust to latest budget - correction of amount	Offer 3	(326)	
b	Adjust to latest budget	Offer 2	13,310	\$ 12,984
<u>Adj. 30</u>	Incentive Program			
	Remove Incentive Program	Offer 5	(500)	\$ (500)
<u>Adj. 22</u>	Paving			
	Agree to Staff Proposal related to COVID	Offer 2	(5,000)	\$ (5,000)
Total Operating and Maintenance Expense Adjustment				\$ (67,241)
<u>Adj. 8</u>	Amortization of Regulatory Deferrals			
a	To amortize Gas Safety NRAs deferral accounts to offset the costs of specific Gas Safety p	Offer 1	(3,392)	
b	To amortize remaining Gas Safety NRAs	Offer 2	(4,659)	
c	To amortize ETIPS	Offer 2	(12,158)	
d	To amortize Low Income Deferral	Offer 2	(6,651)	
e	To agree Staff's Economic Development Amortization	Offer 2	(1,750)	\$ (28,610)
<u>Adj. 9</u>	Depreciation Expense			
a	To adjust Depreciation Expense to reflect plant forecast	Offer 1	(910)	
b	To adjust Depreciation Expense to update Depreciation Rates	Offer 1	(27,453)	
c	To adjust Depreciation Expense to reflect plant forecast	Offer 3	68	
d	To adjust Depreciation Expense to reflect plant forecast	Offer 4	(54)	\$ (28,349)
<u>Adj. 10</u>	Federal Income Taxes			
a	To adjust current Federal Income tax flow through	Offer 1/2	2,479	
b	To reflect Excess ADIT to 3 year amortization	Offer 1	(25,069)	
c	To adjust Excess ADIT to 5 year amortization	Offer 2	18,856	\$ (3,735)

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Final Settlement

Final Settlement Adjustments for the Rate Year Ending March 31, 2021

(\$000's)

			Final Settlement Amount	
			9,293	\$ 9,293
Adj. 11	State Income Taxes			
	To adjust current State Income tax flow through	Offer 1/2	9,293	\$ 9,293
Total Income Tax Adjustments				\$ 5,558
Rate Base				
Adj. 12	Net Utility Plant			
a	To adjust Net Utility Plant for forecast	Offer 1	(34,027)	
b	To adjust Net Utility Plant for Depreciation Rates	Offer 1	13,726	
c	To adjust Plant forecast	Offer 2	(2,045)	
d	To adjust Plant forecast	Offer 3	1,866	
e	To adjust Plant forecast	Offer 4	(4,046)	\$ (24,526)
Adj. 13	Accumulated Deferred Income Taxes - Federal			
	To adjust ADFIT flow through related to adjustment to Net Utility Plant & Excess ADIT	Offer 1	23,725	
	To adjust ADFIT for Excess ADIT Amortization to 5 years	Offer 2	(9,428)	
	To adjust ADFIT for plant flow through	Offer 2/3/4	488	\$ 14,785
Adj. 14	Accumulated Deferred Income Taxes - State			
	To adjust ADSIT flow through related to adjustment to Net Utility Plant & Excess ADIT	Offer 1	666	
	To adjust ADSIT for plant flow through	Offer 2/3/4	213	\$ 879
Adj. 15	Working Capital			
	To adjust working capital to reflect O&M adjustments	Offer 1/2/3/4/5	(8,331)	
	To remove the HTY CSC Accts./Receiv. balance from Working Capital	Final Offer	(58,744)	\$ (67,075)
Adj. 23	Change in Supply Cash Allowance			
	Flow through to purchased gas	Offer 2	(455)	\$ (455)
Adj. 28	City/State Construction Receivable			
	Remove Change in SC Receivable	Offer 3	(28,273)	\$ (28,273)
Adj. 30	Excess Earnings Base (EB/CAP)			
	Include the HTY CSC Accts./Receiv. balance in EB/CAP	Final Offer	58,744	\$ 58,744
Total Rate Base Adjustments				\$ (45,921)
Adj. 27	Taxes Other Than Revenue & Income Taxes			
Payroll Taxes				
a	To adjust Payroll Taxes to Reflect Staff's Labor Forecast	Offer 2/3/4	(26)	
b	To adjust Payroll Taxes to Reflect Vacancy flow through	Offer 3	(30)	\$ (56)
Adj. 29	Property Taxes			
	Adjust to Staff forecast	Offer 3	(1,271)	\$ (1,271)
Total Taxes Other Than Revenue & Income Taxes Adjustments				\$ (1,327)

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Taxes Other Than Income Taxes
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	Rate Year As Adjusted By Staff	Company Rebuttal Adjustments to Staff Amounts		Company Adjustments Second Supplemental		Company Adjustments Third Supplemental		Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
				Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Company Adjustments Third Supplemental				
Taxes Other Than Revenue and Income Taxes											
Real Estate Taxes											
Real Property	\$ 168,094	\$ (1,274)	\$ 166,820	\$ 1,274	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,271)	\$ 166,823
Special Franchise	-	-	-	-	-	-	-	-	-	-	-
Total Real Estate Taxes	<u>168,094</u>	<u>(1,274)</u>	<u>166,820</u>	<u>1,274</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(1,271)</u>	<u>166,823</u>
Payroll Taxes	11,351	(205)	11,146	205	-	-	-	-	-	(56)	11,295
Other	1,355	(184)	1,171	24	-	-	-	-	-	-	1,195
Total Taxes Other Than Revenue and Income Taxes	<u>\$ 180,800</u>	<u>\$ (1,663)</u>	<u>\$ 179,137</u>	<u>\$ 1,503</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (1,327)</u>	<u>\$ 179,314</u>

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of Depreciation and Amortization Expense
For the Rate Year Ending March 31, 2021
(\$'000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Depreciation Expense (acct 403)	\$ 159,342	\$ (17,931)	\$ 141,411	\$ 17,814	\$ 383	\$ -	\$ (28,349)	\$ 131,260
Amortization Expense (acct 404-405)	-	-	-	-	-	-	-	-
Accretion Expense (acct 411.10)	-	-	-	-	-	-	-	-
(Gain) Loss on Disposition of Utility Plant (acct 411.7)	-	-	-	-	-	-	-	-
Total Depreciation & Amortization Expense	\$ 159,342	\$ (17,931)	\$ 141,411	\$ 17,814	\$ 383	\$ -	\$ (28,349)	\$ 131,260

The Brooklyn Union Gas Company db/a National Grid NY
PSC Case No. 19-G-0309
Tax Deduction for Interest Expense
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Avg Rate Base Per Books	\$ 5,088,860	\$ (189,672)	\$ 4,899,188	\$ 158,811	\$ 34,358	\$ (1,128)	\$ (45,921)	\$ 5,045,308
Plus: Forecast of Avg Interest Bearing CWIP	-	-	-	-	-	-	-	-
Less: Rate Base moved to GAC	123,437	(58,744)	64,693	58,744	-	-	-	123,437
Less: Excess Earnings Adj (EBCAP) Rate Base	4,965,423	(130,928)	4,834,495	100,067	34,358	(1,128)	(45,921)	4,921,871
Weighted Cost of LTD Debt	2.12%	0.01%	2.13%	0.00%	0.00%	0.00%	0.00%	2.12%
Weighted Cost of Cust Deposits	0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
subtotal weighted cost of debt	2.13%	0.01%	2.14%	0.00%	0.00%	0.00%	0.00%	2.12%
Total Income Tax Interest Deduction	\$ 105,764	\$ (2,305)	\$ 103,458	\$ 885	\$ -	\$ -	\$ 103,458	\$ 104,344

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Working Capital - Cash Allowance
For the Rate Year Ending March 31, 2021
(\$000's)

Description	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Total O&M Expense	\$ 670,976	\$ (70,144)	\$ 600,832	\$ 60,285	\$ 7,198	\$ (865)	\$ (67,371)	\$ 600,079
Remove major non-cash items included O&M expense :								
Bad Debt expense	(17,037)	1,503	(15,534)	(805)	(287)	213	726	(15,687)
Other (EE, 18A)	-	-	-	-	-	-	-	-
Subtotal	(17,037)	1,503	(15,534)	(805)	(287)	213	726	(15,687)
Add major cash items not included in O&M expense:								
Other	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-
Total Adjustments	(17,037)	1,503	(15,534)	(805)	(287)	213	726	(15,687)
Adjusted O&M Expense	\$ 653,938	\$ (68,641)	\$ 585,298	\$ 59,480	\$ 6,911	\$ (652)	\$ (66,645)	\$ 584,392
Departmental Cash Allowance - 1/8 (45 days)	\$ 81,742	\$ (8,580)	\$ 73,162	\$ 7,435	\$ 864	\$ (81)	\$ (8,331)	\$ 73,049
Supply Cost Cash Allowance (3.64% x HY Gas exp)	-	-	-	-	-	-	-	-

(note: The Supply Cost Allowance is being presented separately, therefore will be removed from the historic Excess Earnings Base Adjustment)

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Comparison of Average Historic Rate Base and Capitalization
For the Rate Year Ending March 31, 2021
(\$000's)

		TOTAL	Staff Adjustments	TOTAL	Settlement Adjustments	TOTAL
(A)	AVERAGE RATE BASE - PER BOOKS	\$ 3,550,394	\$ -	\$ 3,550,394	\$ -	\$ 3,550,394
(B)	ADD: Average interest-bearing CWIP	462,738	-	462,738	-	462,738
(C)	TOTAL EARNINGS BASE (A+B)	<u>4,013,132</u>	<u>-</u>	<u>4,013,132</u>	<u>-</u>	<u>4,013,132</u>
	Percent	<u>100.00%</u>				
(D)	AVERAGE CAPITALIZATION (CE excludes merger Goodwill, and may be adj for TCI if required)					
	Long Term Debt	1,562,500		1,562,500		1,562,500
	Notes Payable	-		-		-
	Gas Supplier Refunds	422		422		422
	Customer Deposits	23,553		23,553		23,553
	Preferred Stock	-		-		-
	Common Equity (excludes merger GW; incl TCI adj)	<u>1,976,780</u> ¹		<u>1,976,780</u>		<u>1,976,780</u>
	Avg. Allocated to Elec / Gas based on Earnings Base	3,563,255		3,563,255		3,563,255
(E)	Add dividends declared but unpaid representing the timing difference between declaration and payment	-	-	-	-	-
(F)	SUBTOTAL (D+E)	<u>3,563,255</u>	<u>-</u>	<u>3,563,255</u>	<u>-</u>	<u>3,563,255</u>
	LESS Average Investments in					
	Detailed balance sheet accounts	(396,123)	-	(396,123)	-	(396,123)
	Accumulated Def Inc Tax Adjustment	(20,926)	-	(20,926)	-	(20,926)
	Goodwill	-	-	-	-	-
(G)	Total Deductions	<u>(417,049)</u>	<u>-</u>	<u>(417,049)</u>	<u>-</u>	<u>(417,049)</u>
(H)	Capitalization Dedicated to Public Service (F-G)	<u>3,980,304</u>		<u>3,980,304</u>		<u>3,980,304</u>
(J)	Excess Earnings Base (Total Earnings Base) less Average Capitalization Devoted to Service Current Customers (C-H)	<u>\$ 32,828</u>		<u>\$ 32,828</u>		<u>\$ 32,828</u>

¹ Goodwill related to the NM merger with National Grid is excluded from the equity component of capitalization, pursuant to section 6.1 of the approved Stipulation Agreement

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Statement of Operating Income
For the Rate Year Ending March 31, 2022
(\$000's)

	Rate Year Ending March 31, 2021 with Base Revenue Requirement	Adjustments	Rate Year Ending March 31, 2022	Base Revenue Increase Required	Rate Year Ending March 31, 2022 with Base Revenue Requirement
<u>Operating Revenues</u>	\$ 1,774,737	\$ 51,781	\$ 1,826,519	\$ 47,019	\$ 1,873,538
<u>Deductions</u>					
Purchased Gas Costs	460,173	27,790	487,963		487,963
Revenue Taxes	62,096	1,354	63,450	1,633	65,083
Total Deductions	522,269	29,143	551,412	1,633	553,045
Gross Margin	1,252,468	22,638	1,275,106	45,386	1,320,492
Total Operation & Maintenance Expenses	600,037	(7,712)	592,325	416	592,741
Amortization of Regulatory Deferrals	(10,089)	1,496	(8,593)	-	(8,593)
Depreciation, Amort. & Loss on Disposition	131,260	11,071	142,330	-	142,330
Taxes Other Than Revenue & Income Taxes	179,313	31,787	211,100	-	211,100
Total Operating Revenue Deductions	900,521	36,642	937,162	416	937,578
<u>Operating Income Before Income Taxes</u>	351,947	(14,004)	337,944	44,970	382,914
<u>Income Taxes</u>					
Federal Income Taxes	19,503	(3,371)	16,132	8,652	24,784
State Income Taxes	20,398	(1,468)	18,930	3,768	22,698
Total Income Taxes	39,901	(4,839)	35,062	12,420	47,482
<u>Operating Income After Income Taxes</u>	\$ 312,046	\$ (9,164)	\$ 302,882	\$ 32,549	\$ 335,432
<u>Rate Base</u>	\$ 4,921,871	\$ 470,903	\$ 5,392,775		\$ 5,392,775
<u>Rate of Return</u>	6.34%		5.62%		6.22%

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of O&M Expenses
For the Rate Year Ending March 31, 2022
(\$000's)

	Company Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Operation & Maintenance Expenses:			
Departmental Items:			
Consultants	\$ 11,150	\$ 232	\$ 11,382
Contractors	72,575	(12,863)	59,712
Donations	-	-	-
Employee Expenses	5,022	105	5,127
Hardware	256	5	261
Software	6,114	128	6,242
Other	21,580	452	22,031
Rents	8,236	131	8,366
Service Company Rents	28,530	1,306	29,836
Construction Reimbursement	400	8	408
FAS 106	(2,389)	(341)	(2,730)
FAS 112	279	6	285
Health Care	17,377	364	17,741
Group Life Insurance	768	16	784
Other Benefits	526	11	537
Pension	11,313	(3,150)	8,163
Thrift Plan	7,010	147	7,157
Workers Comp	1,626	34	1,660
Materials Outside Vendor	4,274	89	4,363
Materials From Inventory	14,817	310	15,128
Materials Stores Handling	1,340	28	1,368
Postage	8,661	181	8,842
Total Labor	166,582	4,261	170,843
Transportation	8,090	(324)	7,765
Energy Efficiency Program	18,812	3,217	22,029
Injuries & Damages	7,473	156	7,630
Other Initiatives	32,532	2,970	35,502
Productivity Adjustment	(3,876)	(1,837)	(5,713)
Rate Case Expense	241	0	241
Regulatory Assessment Fees	7,509	157	7,666
Uncollectible Accounts	15,645	436	16,080
Site Investigation & Remediation Expenses	70,920	-	70,920
Joint Facilities	-	-	-
Savings	(13,949)	(2,369)	(16,317)
Legal	1,841	38	1,879
Accounting	2,589	54	2,643
Economic Development Program	2,250	-	2,250
Low Income Program	38,450	0	38,450
Incentive Program	-	-	-
Paving	25,465	(1,672)	23,794
TOTAL	\$ 600,037	\$ (7,712)	\$ 592,325

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Federal Income Taxes – Company Settlement
For the Rate Year Ending March 31, 2022
(Whole Dollars)

	Federal					Net FIT Before Rev Req
	Federal Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DFIT Reversals	
NET INCOME BEFORE FEDERAL & STATE INCOME TAXES	\$ 337,943,837	\$ -	\$ 337,943,837	\$ 70,968,000	\$ -	\$ 70,968,000
Interest	(107,855,495)		(107,855,495)	(22,650,000)		(22,650,000)
New York State Income Taxes	(18,929,977)		(18,929,977)	(3,975,000)		(3,975,000)
Flow-through Cost of Removal (through AFUDC)	(142,426)		(142,426)	(30,000)		(30,000)
Flow-through Depreciation	700,225		700,225	147,000		147,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	95,000		95,000	20,000		20,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other - 3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item - 3	-		-	-		-
Excess ADIT Amortization	-		-	-		-
TOTAL FIT EXPENSE	\$ -	\$ -	\$ 211,811,164	\$ 44,480,000	\$ -	\$ (28,347,683)
Federal Tax Rate	21.00%					\$ 16,132,317

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
State Income Taxes
For the Rate Year Ending March 31, 2022
(Whole Dollars)

	State					Net SIT Before Rev Req
	State Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
NET INCOME BEFORE FEDERAL & STATE INCOME TAXES	\$ 337,943,837	\$ -	\$ 337,943,837	\$ 28,320,000	\$ -	\$ 28,320,000
Interest	(107,855,495)		(107,855,495)	(9,038,000)		(9,038,000)
Flow-through Cost of Removal (through AFUDC)	(142,426)		(142,426)	(12,000)		(12,000)
Flow-through Depreciation	700,225		700,225	59,000		59,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	95,000		95,000	8,000		8,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other - 3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item - 3	-		-	-	(407,023)	(407,023)
Excess ADIT Amortization	-		-	-		-
TOTAL SIT EXPENSE	\$ -	\$ -	\$ 230,741,140	\$ 19,337,000	\$ (407,023)	\$ 18,929,977
State Tax Rate	8.38%					

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of Rate Base
For the Rate Year Ending March 31, 2022
(\$000's)

	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Net Utility Plant	\$ 5,783,430	\$ 518,855	\$ 6,302,285
Regulatory Assets / Liabilities	40,816	(1,173)	39,643
Accumulated Deferred Income Taxes - Federal	(962,778)	(25,477)	(988,256)
Accumulated Deferred Income Taxes - State	(190,289)	(26,245)	(216,534)
Working Capital			
Materials and supplies	113,951	2,385	116,336
Prepayments	107,530	2,251	109,781
O&M Cash Allowance (1/8 O&M exp)	73,049	(1,018)	72,031
Supply Cash Allowance (Dec 18 lead/lag study)	31,865	-	31,865
City/State Construction Accounts Receivable	(0)	-	(0)
Change in Supply Cash Allowance (4.77 % x RY PP exp)	(11,010)	1,326	(9,683)
Change in City/State Construction Accounts Receivable	0	-	0
subtotal Working Capital	315,385	4,944	320,329
subtotal avg. before EBCAP adj.	4,986,564	470,903	5,457,468
Excess Earnings Base adjustment	(64,693)	-	(64,693)
Total Rate Base	\$ 4,921,871	\$ 470,903	\$ 5,392,775

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Capital Structure
For the Rate Year Ending March 31, 2022

Joint Proposal Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 2,783,048	51.61%	3.88%	2.00%	2.00%
Customer Deposits	21,195	0.39%	0.90%	0.00%	0.00%
Preferred Stock	-	0.00%	0.90%	0.00%	0.00%
Common Equity	2,588,532	48.00%	8.80%	4.22%	5.83%
Total	\$ 5,392,774	100.00%		6.22%	7.83%

OTHER REVENUE REQUIREMENT INPUTS

Forecast Rate Year Rates to apply to Rev Req	
Bad Debt % for Rev Req	0.89%
GRT rate for Rev Req	3.47%
Federal Income Tax rate	21.00%
NYS Income Tax rate	8.38%
Historic Year EBCAP	72.3798%
General Inflation (from 4/1/21 to 3/31/22)	\$ 32,828
	2.0929%

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Settlement

Company Settlement Adjustments for the Rate Year Ending March 31, 2022

(\$000's)

		Amount	
<u>Adj. 1</u>	<u>Operating Revenues</u>		
	To reflect FY22 sales forecast	51,781	\$ 51,781
<u>Adj. 2</u>	<u>Purchased Power Costs</u>		
	To reflect FY22 sales forecast	27,790	\$ 27,790
<u>Adj. 3</u>	<u>Revenue Taxes</u>		
	To reflect FY22 sales forecast	1,354	\$ 1,354
<u>Adj. 4</u>	<u>Operating and Maintenance Expenses</u>		
(a)	<u>Various Expenses</u>		
	To reflect increase in expense due to inflation	4,913	\$ 4,913
(b)	<u>Contractors</u>		
	To remove Local Law 30 costs	(14,383)	\$ (14,383)
(c)	<u>Rents</u>		
	To reflect specific FY22 forecast and general inflation	131	\$ 131
(d)	<u>Service Company Rents</u>		
	To reflect FY22 forecast	1,306	\$ 1,306
(e)	<u>FAS 106</u>		
	To reflect forecast per actuarial report	(341)	\$ (341)
(f)	<u>Pension</u>		
	To reflect forecast per actuarial report	(3,150)	\$ (3,150)
(g)	<u>Labor Expense</u>		
	To reflect increase in salaries and wages by labor inflation factor	4,261	\$ 4,261
(h)	<u>Transportation</u>		
	To reflect specific FY22 forecast and general inflation	(324)	\$ (324)
(i)	<u>Energy Efficiency</u>		
	To reflect FY22 forecast	3,217	\$ 3,217
(j)	<u>Other Initiatives</u>		
	To reflect FY22 forecast and general inflation	2,970	\$ 2,970
(k)	<u>Productivity</u>		
	Flow through adjustment related to labor adjustment	(1,837)	\$ (1,837)
(l)	<u>Regulatory Assessment Fees</u>		
	To reflect specific FY22 forecast and general inflation	157	\$ 157
(m)	<u>Uncollectibles</u>		
	To reflect increase associated with change in revenue	436	\$ 436
(n)	<u>Economic Development Fund</u>		
	To reflect FY22 forecast	-	\$ -
(o)	<u>Paving</u>		
	To remove Local Law 30 costs	(1,672)	\$ (1,672)

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2022
(\$000's)

		Amount	
(p) Savings			
To remove 50% IL3 savings	(3,396)	\$	(3,396)
Total Operating & Maintenance Expense Adjustments		\$	(2,644)
<u>Adj. 5 Amortization of Regulatory Deferrals</u>			
To adjust Gas Safety NRAs amortization for FY22 forecast	1,496	\$	1,496
<u>Adj. 6 Depreciation Expense</u>			
To reflect FY22 forecast associated with Net Utility Plant	11,071	\$	11,071
<u>Adj. 7 Taxes Other Than Revenue & Income Taxes</u>			
(a) Real Estate Taxes			
To reflect FY22 forecast	32,530	\$	32,530
(b) Payroll Taxes			
Flow through adjustment related to labor adjustment	199	\$	199
(c) Other Taxes			
(1) To adjust forecasted capital tax	(948)		
(2) To reflect FY22 inflation	5	\$	(943)
Total Taxes Other Than Revenue & Income Taxes		\$	32,729
<u>Adj. 8 Federal Income Taxes</u>			
Flow through calculation	(3,371)	\$	(3,371)
<u>Adj. 9 State Income Taxes</u>			
Flow through calculation	(1,468)	\$	(1,468)
Total Income Tax Adjustments		\$	(4,839)
<u>Adj. 10 Rate Base</u>			
(a) Net Utility Plant			
To reflect FY22 plant forecast	518,855	\$	518,855
(b) Regulatory Assets / Liabilities			
To reflect FY22 forecast	(1,173)	\$	(1,173)
(c) Accumulated Deferred Income Taxes - Federal			
To reflect FY22 forecast increase (includes flow through)	(25,477)	\$	(25,477)
(d) Accumulated Deferred Income Taxes - State			
To reflect FY22 forecast increase (includes flow through)	(26,245)	\$	(26,245)
(e) Working Capital			
(1) To reflect increase in Materials due to inflation	2,385		
(2) To reflect increase in Prepayments due to inflation	2,251		
(3) To reflect increase in O&M Cash Allowance based on changes in expense levels	(1,018)		
(4) To reflect change in City/State Construction Accounts Receivable	-		
(5) To reflect increase in Supply Cash Allowance	1,326	\$	4,944
Total Rate Base Adjustments		\$	470,903

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Taxes Other Than Income Taxes

For the Rate Year Ending March 31, 2022

(\$000's)

	Taxes Other Than Revenue and Income Taxes	
	Rate Year Ending March 31, 2021	Rate Year Ending March 31, 2022
		Adjustments
Real Estate Taxes		
Real Property	\$ 166,823	\$ 32,530
Special Franchise	-	-
Total Real Estate Taxes	<u>166,823</u>	<u>32,530</u>
Payroll Taxes	11,295	199
Other	1,195	(943)
Total Taxes Other Than Revenue and Income Taxes	<u>\$ 179,314</u>	<u>\$ 31,787</u>
		211,100

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of Depreciation and Amortization Expense
For the Rate Year Ending March 31, 2022
(\$000's)

	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Depreciation Expense (acct 403)	\$ 131,260	\$ 11,071	\$ 142,331
Amortization Expense (acct 404-405)	-	-	-
Accretion Expense (acct 411.10)	-	-	-
(Gain) Loss on Disposition of Utility Plant (acct 411.7)	-	-	-
Total Depreciation & Amortization Expense	<u>\$ 131,260</u>	<u>\$ 11,071</u>	<u>\$ 142,331</u>

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Tax Deduction for Interest Expense

For the Rate Year Ending March 31, 2022

(\$000's)

	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Avg Rate Base Per Books	\$ 4,986,564	\$ 470,903	\$ 5,457,468
Plus: Forecast of Avg Interest Bearing CWIP	-	-	-
Less: Rate Base moved to GAC	-	-	-
Less: Excess Earnings Adj (EBCAP)	64,693	-	64,693
Rate Base	<u>4,921,871</u>	<u>470,903</u>	<u>5,392,775</u>
Weighted Cost of LTD Debt	2.12%	-0.12%	2.00%
Weighted Cost of Cust Deposits	0.00%	0.00%	0.00%
subtotal weighted cost of debt	<u>2.12%</u>	<u>-0.12%</u>	<u>2.00%</u>
Total Income Tax Interest Deduction	<u>\$ 104,344</u>	<u>\$ (565)</u>	<u>\$ 107,855</u>

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Working Capital - Cash Allowance

For the Rate Year Ending March 31, 2022
(\$000's)

Description	Rate Year Ending March 31, 2021	Company Adjustments	Rate Year Ending March 31, 2022
Total O&M Expense	\$ 600,079	\$ (7,754)	\$ 592,325
Remove major non-cash items included O&M expense :			
Bad Debt expense	(15,687)	(394)	(16,080)
Other (EE, 18A)	-	-	-
Subtotal	(15,687)	(394)	(16,080)
Add major cash items not included in O&M expense:			
Other	-	-	-
Subtotal	-	-	-
Total Adjustments	(15,687)	(394)	(16,080)
Adjusted O&M Expense	\$ 584,392	\$ (8,147)	\$ 576,245
Departmental Cash Allowance - 1/8 (45 days)	\$ 73,049	\$ (1,018)	\$ 72,031
Supply Cost Cash Allowance (3.64% x HY Gas exp)	-	-	-

(note: The Supply Cost Allowance is being presented separately, therefore will be removed from the historic Excess Earnings Base Adjustment)

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Comparison of Average Historic Rate Base and Capitalization
For the Rate Year Ending March 31, 2022
(\$000's)

	TOTAL	Staff Adjustments	TOTAL	Settlement Adjustments	TOTAL
(A) AVERAGE RATE BASE - PER BOOKS	\$ 3,550,394	\$ -	\$ 3,550,394	\$ -	\$ 3,550,394
(B) ADD: Average interest-bearing CWIP	462,738	-	462,738	-	462,738
(C) TOTAL EARNINGS BASE (A+B)	<u>4,013,132</u>	<u>-</u>	<u>4,013,132</u>	<u>-</u>	<u>4,013,132</u>
Percent	100.00%				
(D) AVERAGE CAPITALIZATION (CE excludes merger Goodwill, and may be adj for TCI if required)					
Long Term Debt	1,562,500		1,562,500		1,562,500
Notes Payable	-		-		-
Gas Supplier Refunds	422		422		422
Customer Deposits	23,553		23,553		23,553
Preferred Stock	-		-		-
Common Equity (excludes merger GW; incl TCI adj)	<u>1,976,780</u> ¹		<u>1,976,780</u>		<u>1,976,780</u>
Avg. Allocated to Elec / Gas based on Earnings Base	3,563,255		3,563,255		3,563,255
(E) Add dividends declared but unpaid representing the timing difference between declaration and payment	-	-	-	-	-
(F) SUBTOTAL (D+E)	<u>3,563,255</u>	<u>-</u>	<u>3,563,255</u>	<u>-</u>	<u>3,563,255</u>
LESS Average Investments in:					
Detailed balance sheet accounts	(396,123)	-	(396,123)	-	(396,123)
Accumulated Def Inc Tax Adjustment	(20,926)	-	(20,926)	-	(20,926)
Goodwill	-	-	-	-	-
(G) Total Deductions	<u>(417,049)</u>	<u>-</u>	<u>(417,049)</u>	<u>-</u>	<u>(417,049)</u>
(H) Capitalization Dedicated to Public Service (F-G)	<u>3,980,304</u>		<u>3,980,304</u>		<u>3,980,304</u>
(J) Excess Earnings Base (Total Earnings Base) less Average Capitalization Devoted to Service Current Customers) (C-H)	<u>\$ 32,828</u>	<u>\$ -</u>	<u>\$ 32,828</u>	<u>\$ -</u>	<u>\$ 32,828</u>

¹ Goodwill related to the NM merger with National Grid is excluded from the equity component of capitalization, pursuant to section 6.1 of the approved Stipulation Agreement.

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Statement of Operating Income
For the Rate Year Ending March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2022 with Base Revenue Requirement	Adjustments	Rate Year Ending March 31, 2023	Base Revenue Increase Required	Rate Year Ending March 31, 2023 with Base Revenue Requirement
<u>Operating Revenues</u>	\$ 1,873,538	\$ 33,570	\$ 1,907,107	\$ 73,272	\$ 1,980,379
<u>Deductions</u>					
Purchased Gas Costs	487,963	15,978	503,940		503,940
Revenue Taxes	65,083	1,020	66,103	2,540	68,643
Total Deductions	553,045	16,998	570,043	2,540	572,583
Gross Margin	1,320,492	16,572	1,337,064	70,732	1,407,796
Total Operation & Maintenance Expenses	592,741	7,629	600,370	649	601,019
Amortization of Regulatory Deferrals	(8,593)	-	(8,593)	-	(8,593)
Depreciation, Amort. & Loss on Disposition	142,330	10,503	152,833	-	152,833
Taxes Other Than Revenue & Income Taxes	211,100	33,463	244,563	-	244,563
Total Operating Revenue Deductions	937,578	51,595	989,173	649	989,822
<u>Operating Income Before Income Taxes</u>	382,914	(35,023)	347,891	70,083	417,974
<u>Income Taxes</u>					
Federal Income Taxes	24,784	(8,461)	16,323	13,484	29,807
State Income Taxes	22,698	(3,686)	19,012	5,873	24,885
Total Income Taxes	47,482	(12,147)	35,335	19,357	54,692
<u>Operating Income After Income Taxes</u>	\$ 335,432	\$ (22,876)	\$ 312,556	\$ 50,726	\$ 363,282
<u>Rate Base</u>	\$ 5,392,775	\$ 447,769	\$ 5,840,543		\$ 5,840,543
<u>Rate of Return</u>	6.22%		5.35%		6.22%

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of O&M Expenses
For the Rate Year Ending March 31, 2023
(\$000's)

	Company Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Operation & Maintenance Expenses:			
Departmental Items:			
Consultants	\$ 11,382	\$ 230	\$ 11,612
Contractors	59,712	1,217	60,928
Donations	-	-	-
Employee Expenses	5,127	104	5,231
Hardware	261	5	266
Software	6,242	127	6,369
Other	22,031	449	22,480
Rents	8,366	129	8,495
Service Company Rents	29,836	8,512	38,348
Construction Reimbursement	408	8	417
FAS 106	(2,730)	(527)	(3,257)
FAS 112	285	6	291
Health Care	17,741	361	18,102
Group Life Insurance	784	16	800
Other Benefits	537	11	548
Pension	8,163	(9,594)	(1,431)
Thrift Plan	7,157	146	7,303
Workers Comp	1,660	34	1,694
Materials Outside Vendor	4,363	89	4,452
Materials From Inventory	15,128	308	15,436
Materials Stores Handling	1,368	28	1,396
Postage	8,842	180	9,023
Total Labor	170,843	4,844	175,687
Transportation	7,765	(237)	7,528
Energy Efficiency Program	22,029	6,322	28,351
Injuries & Damages	7,630	155	7,785
Other Initiatives	35,502	(4,433)	31,069
Productivity Adjustment	(5,713)	(1,927)	(7,640)
Rate Case Expense	241	-	241
Regulatory Assessment Fees	7,666	156	7,822
Uncollectible Accounts	16,496	332	16,828
Site Investigation & Remediation Expenses	70,920	-	70,920
Joint Facilities	-	-	-
Savings	(16,317)	-	(16,317)
Legal	1,879	38	1,918
Accounting	2,643	54	2,697
Economic Development Program	2,250	-	2,250
Low Income Program	38,450	-	38,450
Incentive Program	-	-	-
Paving	23,794	485	24,278
TOTAL	\$ 592,741	\$ 7,629	\$ 600,370

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Federal Income Taxes
For the Rate Year Ending March 31, 2023
(Whole Dollars)

	Federal					Net FIT Before Rev Req
	Federal Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
	\$ 347,891,299	\$ -	\$ 347,891,299	\$ 73,057,000	\$ -	\$ 73,057,000
Interest	(116,810,867)		(116,810,867)	(24,530,000)		(24,530,000)
New York State Income Taxes	(19,011,977)		(19,011,977)	(3,993,000)		(3,993,000)
Flow-through Cost of Removal (through AFUDC)	(142,426)		(142,426)	(30,000)		(30,000)
Flow-through Depreciation	700,225		700,225	147,000		147,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	95,000		95,000	20,000		20,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other -3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item - 3	-		-	-		-
Excess ADIT Amortization	-		-	-		-
TOTAL FIT EXPENSE	\$ 212,721,254	\$ -	\$ 212,721,254	\$ 44,671,000	\$ -	\$ (28,347,683)

Federal Tax Rate

21.00%

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
State Income Taxes
For the Rate Year Ending March 31, 2023
(Whole Dollars)

	State					Net SIT Before Rev Req
	State Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
	\$ 347,891,299	\$ -	\$ 347,891,299	\$ 29,153,000	\$ -	\$ 29,153,000
Interest	(116,810,867)		(116,810,867)	(9,789,000)		(9,789,000)
Flow-through Cost of Removal (through AFUDC)	(142,426)		(142,426)	(12,000)		(12,000)
Flow-through Depreciation	700,225		700,225	59,000		59,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	95,000		95,000	8,000		8,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other -3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item - 3	-		-	-	(407,023)	(407,023)
Excess ADIT Amortization	-		-	-		-
TOTAL SIT EXPENSE	\$ 231,733,231	\$ -	\$ 231,733,231	\$ 19,419,000	\$ (407,023)	\$ 19,011,977

NY State Tax Rate

8.38%

NET INCOME BEFORE FEDERAL & STATE INCOME TAXES

NET INCOME BEFORE FEDERAL & STATE INCOME TAXES

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of Rate Base
For the Rate Year Ending March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Net Utility Plant	\$ 6,302,285	\$ 524,123	\$ 6,826,408
Regulatory Assets / Liabilities	39,643	(1,150)	38,493
Accumulated Deferred Income Taxes - Federal	(988,256)	(53,988)	(1,042,243)
Accumulated Deferred Income Taxes - State	(216,534)	(27,498)	(244,032)
Working Capital			
Materials and supplies	116,336	2,370	118,706
Prepayments	109,781	2,237	112,018
O&M Cash Allowance (1/8 O&M exp)	72,031	912	72,943
Supply Cash Allowance (Dec 18 lead/lag study)	31,865	-	31,865
City/State Construction Accounts Receivable	(0)	-	(0)
Change in Supply Cash Allowance (4.77 % x RY PP exp)	(9,683)	763	(8,921)
Change in City/State Construction Accounts Receivable	0	-	0
subtotal Working Capital	320,329	6,282	326,611
subtotal avg. before EBCAP adj.	5,457,468	447,769	5,905,236
Excess Earnings Base adjustment	(64,693)	-	(64,693)
Total Rate Base	\$ 5,392,775	\$ 447,769	\$ 5,840,543

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Capital Structure
For the Rate Year Ending March 31, 2023

Joint Proposal Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 3,014,652	51.62%	3.87%	2,00%	2,00%
Customer Deposits	22,431	0.38%	0.90%	0.00%	0.00%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	2,803,461	48.00%	8.80%	4.22%	5.83%
Total	\$ 5,840,543	100.00%		6.22%	7.83%

OTHER REVENUE REQUIREMENT INPUTS

Forecast Rate Year Rates to apply to Rev Req	0.89%
Bad Debt % for Rev Req	3.47%
GRT rate for Rev Req	21.00%
Federal Income Tax rate	8.38%
NYS Income Tax rate	72.3798%
Historic Year EBCAP	\$ 32,828
General Inflation (from 4/1/22 to 3/31/2023)	2.0374%

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2023
(\$000's)

		Amount	
		33,570	\$ 33,570
Adj. 1	Operating Revenues		
	To reflect FY23 sales forecast	33,570	\$ 33,570
Adj. 2	Purchased Power Costs		
	To reflect FY23 sales forecast	15,978	\$ 15,978
Adj. 3	Revenue Taxes		
	To reflect FY23 sales forecast	1,020	\$ 1,020
Adj. 4	Operating and Maintenance Expenses		
(a)	Various Expenses		
	To reflect increase in expense due to inflation	4,053	\$ 4,053
(b)	Contractors		
	To remove Local Law 30 costs	-	\$ -
(c)	Rents		
	To reflect specific FY23 forecast and general inflator	129	\$ 129
(d)	Service Company Rents		
	To reflect FY23 forecast	8,512	\$ 8,512
(e)	FAS 106		
	To reflect forecast per actuarial report	(527)	\$ (527)
(f)	Pension		
	To reflect forecast per actuarial report	(9,594)	\$ (9,594)
(g)	Labor Expense		
	To reflect increase in salaries and wages by labor inflation factor & exec. mgmt wage ad	4,844	\$ 4,844
(h)	Transportation		
	To reflect specific FY23 forecast and general inflator	(237)	\$ (237)
(i)	Energy Efficiency		
	To reflect FY23 forecast	6,322	\$ 6,322
(j)	Other Initiatives		
	To reflect FY23 forecast and general inflation	(4,433)	\$ (4,433)
(k)	Productivity		
	Flow through adjustment related to labor adjustment	(1,927)	\$ (1,927)
(l)	Regulatory Assessment Fees		
	To reflect specific FY23 forecast and general inflation	156	\$ 156
(m)	Uncollectibles		
	To reflect increase associated with change in revenue	332	\$ 332
(n)	Economic Development Fund		
	To reflect FY23 forecast	-	\$ -
(o)	Paving		
	To remove Local Law 30 costs	485	\$ 485
Total Operating & Maintenance Expense Adjustments			\$ 8,114

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2023
(\$000's)

		<u>Amount</u>	
<u>Adj. 5</u>	<u>Amortization of Regulatory Deferrals</u>		
	To adjust Gas Safety NRAs amortization for FY23 forecast	-	<u>\$ -</u>
<u>Adj. 6</u>	<u>Depreciation Expense</u>		
	To reflect FY23 forecast associated with Net Utility Plant	10,503	<u>\$ 10,503</u>
<u>Adj. 7</u>	<u>Taxes Other Than Revenue & Income Taxes</u>		
(a)	<u>Real Estate Taxes</u>		
	To reflect FY23 forecast	33,246	<u>\$ 33,246</u>
(b)	<u>Payroll Taxes</u>		
	Flow through adjustment related to labor adjustment	212	<u>\$ 212</u>
(c)	<u>Other Taxes</u>		
(1)	To adjust forecasted capital tax	-	
(2)	To reflect FY23 inflation	5	<u>\$ 5</u>
	Total Taxes Other Than Revenue & Income Taxes		<u><u>\$ 33,457</u></u>
<u>Adj. 8</u>	<u>Federal Income Taxes</u>		
	Flow through calculation	(8,461)	<u>\$ (8,461)</u>
<u>Adj. 9</u>	<u>State Income Taxes</u>		
	Flow through calculation	(3,686)	<u>\$ (3,686)</u>
	Total Income Tax Adjustments		<u><u>\$ (12,147)</u></u>
<u>Adj. 10</u>	<u>Rate Base</u>		
(a)	<u>Net Utility Plant</u>		
	To reflect FY23 plant forecast	524,123	<u>\$ 524,123</u>
(b)	<u>Regulatory Assets / Liabilities</u>		
	To reflect FY23 forecast	(1,150)	<u>\$ (1,150)</u>
(c)	<u>Accumulated Deferred Income Taxes - Federal</u>		
	To reflect FY23 forecast increase (includes flow through)	(53,988)	<u>\$ (53,988)</u>
(d)	<u>Accumulated Deferred Income Taxes - State</u>		
	To reflect FY23 forecast increase (includes flow through)	(27,498)	<u>\$ (27,498)</u>
(e)	<u>Working Capital</u>		
(1)	To reflect increase in Materials due to inflation	2,370	
(2)	To reflect increase in Prepayments due to inflation	2,237	
(3)	To reflect increase in O&M Cash Allowance based on changes in expense levels	912	
(4)	To reflect change in City/State Construction Accounts Receivable	-	
(5)	To reflect increase in Supply Cash Allowance	763	<u>\$ 6,282</u>
	Total Rate Base Adjustments		<u><u>\$ 447,769</u></u>

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Taxes Other Than Income Taxes
For the Rate Year Ending March 31, 2023
(\$000's)

Taxes Other Than Revenue and Income Taxes	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Real Estate Taxes			
Real Property	\$ 199,354	\$ 33,246	\$ 232,600
Special Franchise	-	-	-
Total Real Estate Taxes	<u>199,354</u>	<u>33,246</u>	<u>232,600</u>
Payroll Taxes	11,494	212	11,706
Other	253	5	258
Total Taxes Other Than Revenue and Income Taxes	<u>\$ 211,100</u>	<u>\$ 33,463</u>	<u>\$ 244,563</u>

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Summary of Depreciation and Amortization Expense
For the Rate Year Ending March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Depreciation Expense (acct 403)	\$ 142,331	\$ 10,503	\$ 152,833
Amortization Expense (acct 404-405)	-	-	-
Accretion Expense (acct 411.10)	-	-	-
(Gain) Loss on Disposition of Utility Plant (acct 411.7)	-	-	-
Total Depreciation & Amortization Expense	<u>\$ 142,331</u>	<u>\$ 10,503</u>	<u>\$ 152,833</u>

The Brooklyn Union Gas Company d/b/a National Grid NY

PSC Case No. 19-G-0309

Tax Deduction for Interest Expense

For the Rate Year Ending March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Avg Rate Base Per Books	\$ 5,457,468	\$ 447,769	\$ 5,905,236
Plus: Forecast of Avg Interest Bearing CWIP	-	-	-
Less: Rate Base moved to GAC	-	-	-
Less: Excess Earnings Adj (EBCAP)	64,693	-	64,693
Rate Base	<u>5,392,775</u>	<u>447,769</u>	<u>5,840,543</u>
Weighted Cost of LTD Debt	2.12%	-0.12%	2.00%
Weighted Cost of Cust Deposits	0.00%	0.00%	0.00%
subtotal weighted cost of debt	<u>2.12%</u>	<u>-0.12%</u>	<u>2.00%</u>
Total Income Tax Interest Deduction	<u>\$ 114,327</u>	<u>\$ (537)</u>	<u>\$ 116,811</u>

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309

Working Capital - Cash Allowance

For the Rate Year Ending March 31, 2023
(\$000's)

Description	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Total O&M Expense	\$ 592,325	\$ 8,045	\$ 600,370
Remove major non-cash items included O&M expense :			
Bad Debt expense	(16,080)	(748)	(16,828)
Other (EE, 18A)	-	-	-
Subtotal	(16,080)	(748)	(16,828)
Add major cash items not included in O&M expense:			
Other	-	-	-
Subtotal	-	-	-
Total Adjustments	(16,080)	(748)	(16,828)
Adjusted O&M Expense	\$ 576,245	\$ 7,297	\$ 583,542
Departmental Cash Allowance - 1/8 (45 days)	\$ 72,031	\$ 912	\$ 72,943
Supply Cost Cash Allowance (3.64% x HY Gas exp)	-	-	-

(note: The Supply Cost Allowance is being presented separately, therefore will be removed from the historic Excess Earnings Base Adjustment)

The Brooklyn Union Gas Company d/b/a National Grid NY
PSC Case No. 19-G-0309
Comparison of Average Historic Rate Base and Capitalization
For the Rate Year Ending March 31, 2023
(\$000's)

	TOTAL	Staff Adjustments	TOTAL	Settlement Adjustments	TOTAL
(A) AVERAGE RATE BASE - PER BOOKS	\$ 3,550,394	\$ -	\$ 3,550,394	\$ -	\$ 3,550,394
(B) ADD: Average interest-bearing CWIP	462,738	-	462,738	-	462,738
(C) TOTAL EARNINGS BASE (A+B)	<u>4,013,132</u>	<u>-</u>	<u>4,013,132</u>	<u>-</u>	<u>4,013,132</u>
Percent	100.00%				
(D) AVERAGE CAPITALIZATION (CE excludes merger Goodwill, and may be adj for TCI if required):					
Long Term Debt	1,562,500		1,562,500		1,562,500
Notes Payable	-		-		-
Gas Supplier Refunds	422		422		422
Customer Deposits	23,553		23,553		23,553
Preferred Stock	-		-		-
Common Equity (excludes merger GW; incl TCI adj)	<u>1,976,780</u> ¹		<u>1,976,780</u>		<u>1,976,780</u>
Avg. Allocated to Elec / Gas based on Earnings Base	3,563,255		3,563,255		3,563,255
(E) Add dividends declared but unpaid representing the timing difference between declaration and payment	-	-	-	-	-
(F) SUBTOTAL (D+E)	<u>3,563,255</u>	<u>-</u>	<u>3,563,255</u>	<u>-</u>	<u>3,563,255</u>
LESS Average Investments in:					
Detailed balance sheet accounts	(396,123)	-	(396,123)	-	(396,123)
Accumulated Def Inc Tax Adjustment	(20,926)	-	(20,926)	-	(20,926)
Goodwill	-	-	-	-	-
(G) Total Deductions	<u>(417,049)</u>	<u>-</u>	<u>(417,049)</u>	<u>-</u>	<u>(417,049)</u>
(H) Capitalization Dedicated to Public Service (F-G)	<u>3,980,304</u>		<u>3,980,304</u>		<u>3,980,304</u>
(J) Excess Earnings Base (Total Earnings Base) less Average Capitalization Devoted to Service Current Customers) (C-H)	<u>\$ 32,828</u>		<u>\$ 32,828</u>	<u>\$ -</u>	<u>\$ 32,828</u>

¹ Goodwill related to the NM merger with National Grid is excluded from the equity component of capitalization, pursuant to section 6.1 of the approved Stipulation Agreement.

The Brooklyn Union Gas Company d/b/a National Grid NY
 Depreciation Rates
 Effective 4/1/2020

ACCOUNT	ACCOUNT NAME	ASL	CURVE	NET SALVAGE %	COMBINED DEPRECIATION RATE	ASL DEPRECIATION RATE	NET SALVAGE DEPRECIATION RATE
OTHER STORAGE PLANT-LNG							
361.03	STRUCTURES AND IMPROVEMENTS	65.0	H 4.5	-13.5	1.75	1.54	0.21
362.04	GAS HOLDERS	60.0	H 4.5	-13.5	1.89	1.67	0.22
363.00	PURIFICATION EQUIPMENT	60.0	H 3.5	-13.5	1.89	1.67	0.22
363.00	PURIFICATION EQUIPMENT - NEWTOWN CREEK	20.0	H 3.5	-3.0	5.15	5.00	0.15
363.01	LIQUEFACTION EQUIPMENT	60.0	H 2.0	-13.5	1.89	1.67	0.22
363.02	VAPORIZING EQUIPMENT	60.0	H 4.0	-13.5	1.89	1.67	0.22
363.03	COMPRESSOR EQUIPMENT	60.0	H 4.0	-13.5	1.89	1.67	0.22
363.04	MEASURING AND REGULATING EQUIPMENT	38.0	H 0.5	-13.5	2.99	2.63	0.36
363.05	OTHER EQUIPMENT	44.0	H 1.5	-13.5	2.58	2.27	0.31
TRANSMISSION PLANT							
366.00	STRUCTURES AND IMPROVEMENTS	55.0	H 0.5	0	1.82	1.82	0.00
367.08	STEEL - PRE '92	80.0	H 3.0	-60	2.00	1.25	0.75
367.09	STEEL - POST '91	80.0	H 3.0	0	1.25	1.25	0.00
367.06	PLASTIC - POST '91	80.0	H 3.0	-100	2.50	1.25	1.25
369.00	MEASURING & REGULATING EQUIPMENT	50.0	H 4.5	0	2.00	2.00	0.00
DISTRIBUTION PLANT							
375.00	STRUCTURES & IMPROVEMENTS	60.0	H 1.0	-5	1.75	1.67	0.08
376.09	STEEL - PRE '92	75.0	H 2.5	-65	2.20	1.33	0.87
376.01	STEEL - POST '91	80.0	H 3.0	-30	1.63	1.25	0.38
376.07	PLASTIC - PRE '92	75.0	H 3.0	-135	3.13	1.33	1.80
376.18	PLASTIC - POST '91	75.0	H 3.0	-5	1.40	1.33	0.07
378.00	MEASURING & REGULATING EQUIPMENT	50.0	H 1.5	-8	2.16	2.00	0.16
380.02	STEEL - PRE '92	55.0	H 1.5	-5	1.91	1.82	0.09
380.01	STEEL - POST '91	55.0	H 1.5	0	1.82	1.82	0.00
380.05	COPPER - PRE '92	60.0	H 1.5	-4	1.73	1.67	0.06
380.03	COPPER - POST '91	60.0	H 1.5	0	1.67	1.67	0.00
380.07	PLASTIC - PRE '92	55.0	H 3.0	0	1.82	1.82	0.00
380.06	PLASTIC - POST '91	55.0	H 3.0	-35	2.45	1.82	0.63
381.00	METERS	33.0	H 2.5	-1	3.06	3.03	0.03
381.04	METER CORRECTORS	33.0	H 4.5	0	3.03	3.03	0.00
382.02	METER INSTALLATIONS	45.0	H 3.0	-6	2.36	2.22	0.14
383.00	HOUSE REGULATORS	45.0	H 3.0	0	2.22	2.22	0.00
384.00	HOUSE REGULATORS INSTALLATIONS	45.0	H 3.0	0	2.22	2.22	0.00
385.00	IND. MEAS. & REG. EQUIPMENT	40.0	H 2.5	0	2.50	2.50	0.00
386.00	OTHER PROPERTY ON CUSTOMER PREMISES	18.0	H 1.0	0	5.56	5.56	0.00
GENERAL PLANT							
390.00	STRUCTURES & IMPROVEMENTS - OFFICE	35.0	H 2.0	2	2.80	2.86	-0.06
396.00	POWER OPERATED EQUIPMENT	12.0	H 2.0	0	8.33	8.33	0.00
AMORTIZED PLANT							
365.04	LAND RIGHTS	100.0	SQ	0	1.00	1.00	0.00
367.05	MAINS-CAST IRON	50.0	H 3.0	-38	2.76	2.00	0.76
374.02	RIGHTS OF WAY	100.0	SQ	0	1.00	1.00	0.00
376.05	MAINS-CAST IRON	50.0	H 3.0	-38	2.76	2.00	0.76
390.03	STRUCTURES & IMPROVEMENTS - OTHER	35.0	SQ	-4	2.97	2.86	0.11
391.01	EDP	9.0	SQ	0	11.11	11.11	0.00
391.03	PERSONAL COMPUTERS	5.0	SQ	-3	20.60	20.00	0.60
391.04	OFFICE MACHINES	15.0	SQ	0	6.67	6.67	0.00
391.05	OTHER METRO	20.0	SQ	0	5.00	5.00	0.00
391.07	HANDHELD COMPUTERS	6.0	SQ	0	16.67	16.67	0.00
391.09	OTHER	20.0	SQ	-4	5.20	5.00	0.20
393.00	STORES EQUIPMENT	32.0	SQ	0	3.13	3.13	0.00
394.00	TOOLS EQUIPMENT	32.0	SQ	0	3.13	3.13	0.00
394.02	GARAGE EQUIPMENT	33.0	SQ	0	3.03	3.03	0.00
394.03	CNG GARAGE EQUIPMENT	20.0	SQ	0	5.00	5.00	0.00
394.01	SHOP EQUIPMENT	25.0	SQ	0	4.00	4.00	0.00
395.00	LABORATORY EQUIPMENT	30.0	SQ	0	3.33	3.33	0.00
397.00	COMMUNICATION EQUIPMENT	15.0	SQ	0	6.67	6.67	0.00
397.55	COMMUNICATION EQUIPMENT - ERTS	15.0	SQ	0	6.67	6.67	0.00
398.00	MISCELLANEOUS EQUIPMENT	35.0	SQ	-1	2.89	2.86	0.03

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Levelization and Deferral Offsets/Amortizations
(\$000's)

	Ry1	Ry2	Ry3	Cumulative
1 Delivery Revenues	1,257,013.12	1,275,106.17	1,337,064.14	
2 Commodity	460,173.10	487,962.63	503,940.23	
3 GRT on KEDNY Revenue	62,261.00	63,449.79	66,102.88	
4 Tax Surcredit and ETIP	(21,936.81)			
5 GRT on Tax Surcredit and ETIP	(795.38)			
6 ESCO Commodity	202,413.47	214,637.08	221,665.05	
7 GRT on ESCO Commodity	7,339.02	7,724.42	7,959.08	
8 Cumulative Surcredits		(17,701.56)	(41,798.67)	
9 GRT associated with Surcredits		(641.82)	(1,509.09)	
10 Revenues Before Increase	1,966,467.52	2,030,536.71	2,093,423.62	
11 Increase Cap	-	2.00%	2.00%	
12 Capped Increase	-	40,610.73	41,868.47	
13 Revenue Requirement per Schedule 1	17,391.81	45,386.00	70,732.00	
14 GRT on Revenue Requirement	630.58	1,633.36	2,539.69	
15 Prior Year Revenue Increase	-	18,022.39	65,041.76	
16 Prior Actual Increase	-	-	(40,610.73)	
17 Cumulative Increase Required	18,022.39	65,041.76	97,702.72	
18 Required reduction	(18,022.39)	(24,431.02)	(55,834.25)	
19 GRT	(630.58)	(848.69)	(1,935.29)	
20 Amortization	(17,391.81)	(23,582.34)	(53,898.96)	(94,873.10)
21 Reduction of Amortization	82.00	163.00	227.00	472.00
22 Net Amortizations	(17,309.81)	(23,419.34)	(53,671.96)	(94,401.10)

Line #	Notes
1	Appendix 1, Schedule 1, Page 1
2	Appendix 1, Schedule 1, Page 1
3	Appendix 1, Schedule 1, Page 1
4	Appendix 1, Schedule 1, Page 1
5	Line 4 * (Line 3/(Line 1 + Line 2))
6	Projection
7	(Line 3 + Line 5) / (Line 1 + Line 2+ Line 4) * Line 6
8	Prior year Line 20 plus current year growth RY2 1.7810176%, RY3 1.2469027%
9	Prior year Line 19 plus current year growth
10	Sum Lines 1 through 9
11	Per Settlement
12	Line 10 * Line 11
13	Appendix 1, Schedule 1, Page 1
14	Line 13 * (Line 3/ (Line 1+ Line 2))
15	Prior Year Line 17
16	- Prior Year Line 12
17	Line 13 + Line 14 + Line 15 + Line 16
18	Line 12 - Line 17
19	Line 18 - Line 18 / (1 + (Line 3 + Line 5) / (Line 1 + Line 2 + Line 4))
20	Line 18 - Line 19
21	- Page 3, Line 12 related to removal of MRI Phase 5 costs erroneously included in revenue requirement
22	Line 20 + Line 21

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Levelization and Deferral Offsets/Amortizations
(\$000's)

Amortization of Deferral Offset

Deferral Category	G/L Account	HTY Actuals	C&U Forecast	Actuals	Offset Applied	Amortization of Deferral Offset		
		DEC-18	MAR-20	MAR-20		RY1	RY2	RY3
Cost to Achieve	U2540065	(9.596)	(9.596)	(9.596)				
Delivery Rate Adjustment	U2540231	(44.974)	(44.974)	(44.974)				
Rates Subject to Refund	U2540197	(13.337)	(13.337)	(13.337)				
Rate Mitigation	U1823069	7.805	7.805	7.805				
TC Sharing 06-G-1185/1186	U1823284	103.855	103.855	103.855				
TBA Accounts								
TBA-Meter Testing	U2540201	(9.555)	(9.555)	(9.555)				
TBA-Newtown Property	U2540207	(6.897)	(6.897)	(6.897)				
TBA-CIAC Settlement	U2540209	(1.500)	(1.500)	(1.500)				
Transition Charges	U2540212	(19.290)	(19.290)	(19.290)				
TBA-Avoided Costs	U2540218	(0.076)	(0.076)	(0.076)				
Transp Service Adj	U2540219	(0.557)	(0.557)	(0.557)				
Emerg Response Labor	U2540235	(9.362)	(9.362)	(9.362)				
Deferrals Subject to Netting		(3.484)	(3.484)	(3.484)	(3.484)			
Excess Earnings	U2540105	(23.926)	(23.926)	(23.926)	(23.926)			
Variable Debt Deferral	U1823742	8.578	17.403	17.403	17.403			
MTA Gross Income	U1823059	2.671	2.671	3.840	3.840			
Property Tax	U1823066/U2540225/U2540794	(11.265)	(26.605)	(8.700)	(8.700)			
Deferred Rate Case True Up (A&G study)	U2540204	(16.043)	(18.636)	(18.636)	(18.636)			
Coney Island Sale	U2540234	(12.105)	(12.105)	(12.105)	(12.105)			
3rd Party Fees	U2540747	(0.734)	(0.734)	(1.178)	(1.178)			
Conversion Rebate Program	U2540740	(0.309)	(0.309)	(0.449)	(0.449)			
New-Hire True Up	U2540745	(0.472)	(0.472)	(0.487)	(0.487)			
Carrying Charges (Note)	U1823067/U2540205	(31.021)	(37.245)	(36.302)	(11.679)			
Deferral Amount Required					(59.401)	0.000	(5.729)	(53.672)
Order to Show Cause - Case 17-G-0314 & 18-G-0094					(15.000)	(15.000)		
DNY Capacity Settlement Case 19-G-0678					(20.000)	(2.310)	(17.690)	0.000
Total Required Offset					(94.401)	(17.310)	(23.419)	(53.672)

Note: Only the portion of the Carrying Charge deferral balance necessary to achieve the total required offset is being applied

The Brooklyn Union Gas Company d/b/a National Grid NY
MRI Phase 5 Correction
(\$000)

	Rate Year 1	Rate Year 2	Rate Year 3	Total
<u>Joint Proposal</u>				
1 Revenue Requirements	17,391.81	45,386.00	70,732.00	
2 Prior Year Increase		17,391.81	62,777.81	
3 Prior Actual Increase			(39,195.47)	
4 Levelization Sur-credit	(17,391.81)	(23,582.34)	(53,898.96)	(94,873.11)
5 Total Increase	-	39,195.47	40,415.38	
<u>Corrected</u>				
6 Revenue Requirements	17,309.81	45,305.00	70,668.00	
7 Prior Year Increase		17,309.81	62,614.81	
8 Prior Actual Increase			(39,195.47)	
9 Levelization Sur-credit	(17,309.81)	(23,419.34)	(53,671.96)	(94,401.11)
10 Total Increase	-	39,195.47	40,415.38	
<u>Change</u>				
11 Revenue Requirements	82.00	81.00	64.00	472.00
12 Levelization Sur-credit	(82.00)	(163.00)	(227.00)	(472.00)
13 Total Change	-	-	-	

Company will change the Amortization of regulatory liabilities but not change the original Levelization Sur-credit.

Company will reduce the Appendix 6, Schedule 7 targets by an equal amount.

Check:

Plant Reduction (Avg Rate Base)	(1,018.01)	(1,912.73)	(1,881.95)	
ADIT Increase	118.25	212.05	227.40	
Rate Base Reduction	(899.76)	(1,700.67)	(1,654.55)	
Pre-Tax WACC	7.95%	7.83%	7.83%	
Return on RateBbase	(71.53)	(133.17)	(129.56)	
Depreciation (other flow through)	(10.47)	(29.83)	(97.44)	
Total	(82.00)	(163.00)	(227.00)	(472.00)

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Year Four Reconciliation of Net Utility Plant and Depreciation
Gas Revenue Requirement Target
(\$000's)

Rate Year 4

Net plant tracker converted to a two way tracker in fourth year. Net plant in the fourth year compared to third year rate allowance capped at current forecast of fourth year plant.

Rate Year 3 Net Plant Forecast included in Revenue Requirement Settlement	\$ 6,826,407
Rate Year 4 Net Plant Forecast included in Revenue Requirement Settlement	<u>7,370,409</u>
Net plant increase	544,001
Pre-tax Return %	<u>7.83%</u>
Revenue Requirement Change due to Net Plant	42,597
Rate Year 3 Depreciation Expense included in Revenue Requirement Settlement	152,833
Rate Year 4 Depreciation Expense included in Revenue Requirement Settlement	<u>163,889</u>
Revenue Requirement Change due to Depreciation Expense	11,056
Return on Net Plant and Depreciation Cap for RY 4	<u><u>\$ 53,653</u></u>

Rate Year Three Levels

		Net Plant	Depreciation
Forecast included in Revenue Requirement Settlement - Rate Year Three Levels		6,826,407	152,833
RY3 Pre-tax Return % Applied	7.83%	534,532	
Total Rate Year 3 Revenue Requirement Target	\$ 687,365		
MRI Phase 5 Removal	<u>\$ (227)</u>		
Adjusted Total Rate Year 3 Revenue Requirement Target	687,138		

Illustrations of Net Plant Tracker for Rate Year 4:

		Net Plant	Depreciation
<u>Illustration of Net Plant Tracker with Actuals Higher than RY 4 Forecast</u>			
Total Illustrative Actuals for RY 4		7,400,000	164,000
Pre-tax Return % Applied	7.83%	579,446	
Total Revenue Requirement for RY 4	<u>743,446</u>		
Actuals higher/(lower) than Rate Year 3 Target	<u>56,308</u>		
Net Plant and Depreciation Regulatory Asset - Limited to RY4 Cap	<u>53,653</u>		
<u>Illustration of Net Plant Tracker with Actuals Lower than RY 4 Forecast</u>			
Total Illustrative Actuals for RY 4		7,200,000	162,000
Pre-tax Return % Applied	7.83%	563,786	
Total Revenue Requirement Actuals for RY 4	<u>725,786</u>		
Actuals higher/(lower) than Rate Year 3 Target	<u>38,648</u>		
Net Plant and Depreciation Regulatory Asset	<u>38,648</u>		

Assumption:

Pursuant to Section 12.2 of the Joint Proposal, the Company will not be permitted to recover the Net Plant and Depreciation Cap for RY 4 to the extent the Section 12.2 Joint Proposal mechanisms cause KEDNY to earn an ROE in excess of 8.8 percent during the period in which the mechanisms are in effect.

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Net Utility Plant and Depreciation Expense Reconciliation
Gas Revenue Requirement Target
For the Rate Years Ending March 31, 2023, and March 31, 2024
(\$000's)

	Rate Year Ending March 31, 2023					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 8,168,101	\$ 39,954	\$ (1,381,648)	\$ 6,826,407	\$ 152,833
Pre-Tax WACC					7.83%	
Total Revenue Requirement Target	<u>\$ 687,365</u>				<u>\$ 534,532</u>	<u>\$ 152,833</u>
	Rate Year Ending March 31, 2024					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 8,765,342	\$ 43,280	\$ (1,438,213)	\$ 7,370,409	\$ 163,889
Pre-Tax WACC					7.83%	
Total Revenue Requirement Target	<u>\$ 741,018</u>				<u>\$ 577,129</u>	<u>\$ 163,889</u>

The Brooklyn Union Gas Company d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2023
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-22 (1/2 month)	\$ 3,939,127	\$ 20,203	\$ (676,809)	\$ 3,282,521	
2	Apr-22	\$ 7,928,582	\$ 39,730	\$ (1,358,773)	\$ 6,609,539	\$ 12,322
3	May-22	\$ 7,973,530	\$ 39,087	\$ (1,363,117)	\$ 6,649,500	\$ 12,399
4	Jun-22	\$ 8,039,966	\$ 37,460	\$ (1,367,112)	\$ 6,710,313	\$ 12,466
5	Jul-22	\$ 8,084,090	\$ 36,732	\$ (1,373,612)	\$ 6,747,209	\$ 12,566
6	Aug-22	\$ 8,130,872	\$ 37,882	\$ (1,376,996)	\$ 6,791,758	\$ 12,635
7	Sep-22	\$ 8,165,117	\$ 39,226	\$ (1,382,566)	\$ 6,821,776	\$ 12,706
8	Oct-22	\$ 8,204,430	\$ 42,813	\$ (1,384,504)	\$ 6,862,739	\$ 12,759
9	Nov-22	\$ 8,258,277	\$ 41,770	\$ (1,389,136)	\$ 6,910,910	\$ 12,821
10	Dec-22	\$ 8,320,203	\$ 41,046	\$ (1,393,579)	\$ 6,967,670	\$ 12,900
11	Jan-23	\$ 8,356,693	\$ 40,867	\$ (1,401,019)	\$ 6,996,541	\$ 13,026
12	Feb-23	\$ 8,399,530	\$ 40,958	\$ (1,406,814)	\$ 7,033,673	\$ 13,083
13	Mar-23 (1/2 month)	\$ 4,216,801	\$ 21,674	\$ (705,738)	\$ 3,532,737	\$ 13,150
14	Total Gas (Sum of Lines 1 to 13)	98,017,216	479,447	(16,579,775)	81,916,888	152,833
15	Average Monthly Balance (Line 14 / 12)	\$ 8,168,101	\$ 39,954	\$ (1,381,648)	\$ 6,826,407	

The Brooklyn Union Gas Company d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2024
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-23 (1/2 month)	\$ 4,216,801	\$ 21,674	\$ (705,738)	\$ 3,532,737	
2	Apr-23	\$ 8,485,036	\$ 43,201	\$ (1,416,604)	\$ 7,111,633	\$ 13,203
3	May-23	\$ 8,531,433	\$ 43,128	\$ (1,422,472)	\$ 7,152,089	\$ 13,281
4	Jun-23	\$ 8,599,034	\$ 42,060	\$ (1,426,214)	\$ 7,214,880	\$ 13,350
5	Jul-23	\$ 8,642,293	\$ 41,891	\$ (1,432,900)	\$ 7,251,284	\$ 13,452
6	Aug-23	\$ 8,690,005	\$ 43,809	\$ (1,435,931)	\$ 7,297,883	\$ 13,518
7	Sep-23	\$ 8,724,165	\$ 45,846	\$ (1,441,420)	\$ 7,328,592	\$ 13,591
8	Oct-23	\$ 8,781,098	\$ 49,058	\$ (1,442,633)	\$ 7,387,523	\$ 13,644
9	Nov-23	\$ 8,910,946	\$ 41,787	\$ (1,444,353)	\$ 7,508,381	\$ 13,731
10	Dec-23	\$ 8,960,596	\$ 42,826	\$ (1,447,707)	\$ 7,555,714	\$ 13,923
11	Jan-24	\$ 9,003,695	\$ 42,461	\$ (1,454,107)	\$ 7,592,048	\$ 13,998
12	Feb-24	\$ 9,054,727	\$ 42,374	\$ (1,458,655)	\$ 7,638,447	\$ 14,062
13	Mar-24 (1/2 month)	\$ 4,584,270	\$ 19,241	\$ (729,820)	\$ 3,873,691	\$ 14,138
14	Total Gas (Sum of Lines 1 to 13)	105,184,100	519,356	(17,258,553)	88,444,903	163,889
15	Average Monthly Balance (Line 14 / 12)	\$ 8,765,342	\$ 43,280	\$ (1,438,213)	\$ 7,370,409	

The Brooklyn Union Gas Company d/b/a National Grid NY
Capital Investment Plan
\$000

Classification	Category	FY'20 Capital Plan	FY'21 Capital Plan	FY'22 Capital Plan	FY'23 Capital Plan	FY'24 Capital Plan	
Customer Connections	Customer Connections - Install Main	\$ 23,105	\$ 13,549	\$ 13,726	\$ 14,014	\$ 14,294	
	Customer Connections - Install Services	\$ 31,468	\$ 21,705	\$ 22,823	\$ 23,303	\$ 23,769	
	Customer Connections - Customer Contributions	\$ (2,323)	\$ (1,764)	\$ (2,163)	\$ (2,210)	\$ (2,255)	
	Customer Connections - Meter Purchases	\$ -	\$ 1,292	\$ 1,292	\$ 1,345	\$ 1,372	
	Customer Connections - Install Meter/Regulator	\$ 950	\$ 893	\$ 912	\$ 931	\$ 950	
	Customer Connections - Automatic Meter Reading (AMR)	\$ -	\$ 590	\$ 723	\$ 738	\$ 753	
	Gas System Reinforcement (Includes LTNXXXXXX-	\$ 43,630	\$ 13,641	\$ 45,472	\$ 52,497	\$ 47,246	
	LTNY11751 - Kew Gardens Gate - PM	\$ 220	\$ 900	\$ -	\$ 4,300	\$ 17,000	
	LTNY12025 - Belmont Gate Station - PM	\$ -	\$ -	\$ -	\$ 180	\$ 720	
	Total Customer Connections	\$ 97,050	\$ 50,806	\$ 82,785	\$ 95,098	\$ 103,849	
	Mandated	CSC/Public Works - Non Reimbursable	\$ 169,404	\$ 97,878	\$ 119,251	\$ 121,423	\$ 123,852
		CSC/Public Works - Reimbursable	\$ 114,829	\$ 126,206	\$ 145,751	\$ 148,406	\$ 163,375
		Flatlands - SE853 Phase 2 - Trans Offset Louisiana Ave & SE856 Phase 2 Trans. Offset Sheffield & New Jersey Ave. - SE856 Phase 2 Trans. Offset Sheffield & New Jersey Ave. - LaGuardia Redevelopment	\$ 40,300	\$ -	\$ -	\$ -	\$ -
		CSC/Public Works - Reimbursements	\$ (38,430)	\$ (25,050)	\$ (30,692)	\$ (32,210)	\$ (36,453)
Main Replacements - (Proactive) - Leak Prone Pipe		\$ 208,634	\$ 164,717	\$ 131,620	\$ 134,910	\$ 153,659	
CISBOT		\$ 5,451	\$ 4,002	\$ 5,400	\$ 5,500	\$ 5,600	
Large Diameter Main Rehabilitation		\$ 13,272	\$ 5,970	\$ 16,301	\$ 10,696	\$ 15,019	
Cross Bore Remediation		\$ 574	\$ 150	\$ 153	\$ 156	\$ 159	
Latent Damage Inspections		\$ -	\$ 312	\$ 424	\$ 432	\$ 441	
Main Replacements - (Reactive) - Maintenance		\$ 4,360	\$ 5,206	\$ 7,185	\$ 7,348	\$ 7,787	
Service Replacements - Proactive		\$ 1,755	\$ 1,540	\$ -	\$ -	\$ -	
Service Replacement (Reactive) - Leaks		\$ 8,993	\$ 5,149	\$ 5,351	\$ 5,470	\$ 7,460	
Service Replacement (Reactive) - Non-Leaks - Other		\$ 6,743	\$ 3,913	\$ 5,425	\$ 5,545	\$ 5,877	
Atmospheric Corrosion Inside Inspections		\$ 786	\$ 4,988	\$ 500	\$ 500	\$ 651	
Restrictions for Elevated Gas Infrastructure		\$ 66	\$ 280	\$ 381	\$ 388	\$ 396	
Buried Vent Lines		\$ 94	\$ -	\$ -	\$ -	\$ -	
Plastic Fusion QA/QC Re-Digs		\$ -	\$ 2,438	\$ 2,713	\$ 2,768	\$ 3,529	
Plastic Fusion - In Process Inspections		\$ -	\$ -	\$ 314	\$ 320	\$ 326	
Low Pressure Main Valve Installation		\$ -	\$ 1,845	\$ 4,973	\$ 6,706	\$ 3,696	
High Density Polyethylene Services		\$ -	\$ 1,844	\$ 2,520	\$ 2,583	\$ 2,648	
Contractor Safety Inspections		\$ -	\$ -	\$ 2,557	\$ 5,521	\$ 5,590	
Operator Qualification Program		\$ -	\$ 909	\$ 520	\$ 530	\$ 541	
Local Law 30		\$ 53,653	\$ 11,400	\$ -	\$ -	\$ -	
Inactive Accounts		\$ -	\$ 206	\$ 287	\$ 293	\$ 299	
Corrosion		\$ 641	\$ 1,005	\$ 995	\$ 984	\$ 682	
Pipeline Integrity - IMP		\$ 5,747	\$ 500	\$ 1,501	\$ -	\$ -	
Pipeline Integrity - IMP - Jamaica Bay Line I/LI		\$ 1,043	\$ 1,000	\$ 10,000	\$ 10,000	\$ 8,000	
Pipeline Integrity - IMP - Southern Line Robotic I/LI		\$ 1,556	\$ 3,000	\$ 10,000	\$ 10,000	\$ 18,000	
Pipeline Integrity - IVP		\$ 444	\$ 4,024	\$ 5,750	\$ 4,050	\$ 18,500	
Pipeline Integrity - IVP Reactive Main Replacement		\$ -	\$ 500	\$ 510	\$ 520	\$ 531	
Valve Installations/Replacements		\$ 1	\$ 107	\$ 146	\$ 146	\$ 149	
Meter Changes		\$ 3,326	\$ 3,328	\$ 4,593	\$ 4,708	\$ 3,452	
Purchase Meters (Replacements)		\$ 5,704	\$ 3,736	\$ 3,827	\$ 3,903	\$ 4,994	
Transmission Station Integrity		\$ -	\$ 2,250	\$ 12,000	\$ 17,340	\$ 6,384	
Total Mandated		\$ 612,813	\$ 433,618	\$ 510,195	\$ 506,528	\$ 561,144	
Reliability		I&R - Reactive	\$ -	\$ 393	\$ 527	\$ 539	\$ 549
		I&R - Training and Test Lab	\$ -	\$ -	\$ 1,000	\$ -	\$ -
		Gas System Control	\$ 30	\$ 88	\$ 121	\$ 124	\$ 593
		Gas System Control - Telemetry Upgrade 3G to 4G	\$ 96	\$ -	\$ -	\$ -	\$ -
		Heater Installation Program	\$ -	\$ 375	\$ 2,500	\$ 750	\$ 800
		Pressure Regulating Facilities	\$ 5,695	\$ 5,288	\$ 11,723	\$ 7,320	\$ 11,950
		System Automation	\$ 1,120	\$ 1,046	\$ 1,700	\$ 1,734	\$ 1,734
		Bowery Bay Station Upgrade	\$ 1	\$ 500	\$ 3,500	\$ 300	\$ 175
		McGuinness Mini Gate	\$ -	\$ -	\$ 250	\$ 3,500	\$ 3,500
		Kings Plaza Mini Gate	\$ -	\$ -	\$ 250	\$ 3,500	\$ 3,500
		Bush Terminal (IF-09)	\$ -	\$ -	\$ -	\$ 250	\$ 3,600
		Tetco Relief Valve Replacement	\$ 8,143	\$ -	\$ -	\$ -	\$ -
		Citizens Gate - Bulkhead	\$ 2,826	\$ 8,165	\$ 2,500	\$ -	\$ -
		Sheepshead Bay Mini Gate	\$ -	\$ -	\$ -	\$ 200	\$ 3,600
		GOV 110	\$ -	\$ -	\$ 150	\$ 3,200	\$ -
		Hyman station	\$ -	\$ 300	\$ 3,500	\$ 250	\$ 50
		Varick Reg Station Retirement	\$ 1,411	\$ -	\$ -	\$ -	\$ -
		North Brooklyn Mini Gate	\$ 833	\$ -	\$ 2,625	\$ 300	\$ -
		Jamaica Gate	\$ -	\$ -	\$ -	\$ -	\$ 250
		Kennedy Gate	\$ -	\$ -	\$ -	\$ -	\$ 250
		Distribution Station Over Pressure Protection	\$ -	\$ 696	\$ 263	\$ 269	\$ 276
		Gas System Reliability - Gas Planning /RCV Program	\$ 1,520	\$ 3,922	\$ 2,547	\$ 8,327	\$ 7,662
	Water Intrusion	\$ 220	\$ 167	\$ 228	\$ 234	\$ 124	
	Storm Hardening - Remote Service Shutoff Valves	\$ 342	\$ 500	\$ 2,000	\$ 2,000	\$ 9,995	

The Brooklyn Union Gas Company d/b/a National Grid NY
Capital Investment Plan
\$000

	LTNY10240 - Grasmere Reliability - PM	\$ -	\$ 100	\$ 5,142	\$ -	\$ 4,642
	LTNY11690 - LGA Backfeed - PM	\$ -	\$ 56	\$ 328	\$ 654	\$ -
	LTNY12314 - Spring Creek - PM	\$ 8,257	\$ 1,235	\$ -	\$ -	\$ -
	LTNY10205 - MRI - PM - Main Phase 1-4	\$ 91,802	\$ 34,900	\$ -	\$ -	\$ -
	LTNY10205 - MRI - PM - Main Phase 5	\$ -	\$ -	\$ -	\$ -	\$ -
	LTNY13231 - Marine Park Regulator Station - PM	\$ 172	\$ -	\$ -	\$ -	\$ -
	LTNY11165 - Northern Queens Gas T&D - PM	\$ -	\$ 13	\$ -	\$ -	\$ -
	LTNYXXXXX - Northern Line - PM	\$ -	\$ -	\$ -	\$ -	\$ 500
	LTNYXXXXX - Northern Queens Extension - PM	\$ -	\$ -	\$ -	\$ -	\$ 100
	Citizens Tunnel - Upgrade	\$ 4,840	\$ 2,270	\$ -	\$ -	\$ -
	Newtown Creek	\$ 14,010	\$ 869	\$ -	\$ -	\$ -
	CNG - KEDNY Blanket	\$ -	\$ 498	\$ 500	\$ 500	\$ 1,500
	CNG - KEDNY Contract Closeout	\$ -	\$ 400	\$ -	\$ -	\$ -
	CNG - NY Brooklyn (Canarsie) - Compressor Upgrade,	\$ -	\$ 50	\$ 2,200	\$ 500	\$ -
	CNG - NY Brooklyn (Greenpoint) - Fueling Island Access	\$ 6	\$ 30	\$ 1,200	\$ -	\$ -
	CNG - NY Brooklyn (Greenpoint) - New Compressors,	\$ 84	\$ 30	\$ -	\$ -	\$ -
	LNG - Blanket	\$ 2,559	\$ 2,648	\$ 2,654	\$ 2,713	\$ 12,264
	LNG - Vaporizers 7 & 8 Replacement	\$ 0	\$ -	\$ -	\$ -	\$ -
	LNG - Greenpoint Vaporization Expansion (13 and 14)	\$ 3,406	\$ -	\$ -	\$ -	\$ -
	CNG - Portable CNG 4th Site (determined not to include)	\$ -	\$ -	\$ -	\$ -	\$ -
	LNG - Bulkhead Upgrade	\$ -	\$ 700	\$ -	\$ 700	\$ -
	LNG - Controls System Upgrade	\$ -	\$ 770	\$ 978	\$ 1,712	\$ 3,000
	LNG - Vaporizers 3 & 4 Replacement	\$ 14,762	\$ 6,550	\$ -	\$ -	\$ -
	LNG - Relocate Maintenance Area & New Control Building	\$ 33	\$ 1,226	\$ 6,000	\$ 3,000	\$ 1,250
	LNG - Truck Load/Unload Station	\$ 793	\$ -	\$ -	\$ -	\$ -
	LNG - Salt Water Pump House Upgrade	\$ 200	\$ 4,463	\$ 36,482	\$ 162	\$ 9,029
	LNG - Geoweb Dike Replacement	\$ 2,504	\$ 112	\$ -	\$ -	\$ -
	LNG - Tank 2 Upgrade	\$ -	\$ -	\$ 3,705	\$ 5,558	\$ 9,623
	LNG - Solar Panels	\$ -	\$ -	\$ 100	\$ 1,000	\$ -
	LNG - Liquefaction Critical Spares	\$ -	\$ 950	\$ -	\$ -	\$ -
	LNG - Sub M-Sub L Interconnect	\$ -	\$ -	\$ 100	\$ 1,000	\$ 1,000
	LNG - Instrument Air System Replacement	\$ -	\$ -	\$ -	\$ 100	\$ 3,000
	LNG - Stormwater Drainage	\$ -	\$ -	\$ -	\$ 10	\$ 3,000
	LNG - Hydrant & Deluge Piping Upgrade	\$ 171	\$ 500	\$ 17,000	\$ 7,000	\$ 500
	LNG - Hi Ex Foam System	\$ 0	\$ 250	\$ 1,000	\$ 1,349	\$ -
	LNG - Security System Upgrades	\$ -	\$ -	\$ -	\$ 100	\$ 2,000
	LNG - Nitrogen System Refurbishment	\$ -	\$ -	\$ -	\$ 10	\$ 5,000
	LNG - Tail Gas Compressor Upgrade	\$ 110	\$ 531	\$ 5,331	\$ -	\$ 411
	LNG - RNG Blanket	\$ -	\$ 200	\$ 200	\$ 200	\$ 200
	LNG - Piping Insulation Replacement & Inspection	\$ -	\$ 500	\$ 500	\$ 500	\$ 1,000
	LNG - Boiloff Heaters/Steam Boiler Upgrade	\$ -	\$ 500	\$ 3,000	\$ 3,000	\$ 3,000
	LNG - Plant Outlet Drip Leg	\$ -	\$ 10	\$ 500	\$ -	\$ -
	Renewable Natural Gas (RNG) Interconnections	\$ -	\$ 900	\$ 900	\$ 900	\$ 5,900
	Total Reliability	\$ 165,947	\$ 82,698	\$ 123,205	\$ 63,464	\$ 115,527
Non-Infrastructure	Telecomm - Radio Capital Expenditures	\$ 67	\$ 34	\$ 49	\$ 50	\$ 51
	Telecomm - Comm site upgrades	\$ -	\$ 34	\$ 49	\$ 50	\$ 51
	Telecomm - Damaged Failure	\$ -	\$ 9	\$ 13	\$ 13	\$ 14
	Tools & Equipment - All	\$ 3,321	\$ 2,980	\$ 4,057	\$ 4,142	\$ 4,251
	Learning and Development - Materials, Tools and	\$ -	\$ 281	\$ 250	\$ 188	\$ 188
	AMR Installation	\$ 3,271	\$ 1,751	\$ -	\$ -	\$ -
	Meter Testing Equipment	\$ 69	\$ 79	\$ 106	\$ 108	\$ 110
	Automatic Meter Reading (AMR) - Replacement	\$ 4,524	\$ 2,539	\$ 3,628	\$ 3,701	\$ 3,775
	Total Non-Infrastructure	\$ 11,252	\$ 7,707	\$ 8,153	\$ 8,253	\$ 8,440
	Total Direct Gas (Capital & COR)	\$ 887,062	\$ 574,830	\$ 724,338	\$ 673,342	\$ 788,960
	Cost of Removal	\$ 88,810	\$ 57,426	\$ 72,361	\$ 67,267	\$ 78,817
	Total Direct Gas (Net of COR)	\$ 798,252	\$ 517,404	\$ 651,977	\$ 606,075	\$ 710,143
Indirect Capital						
Facilities/Customer /Other	Base Spend	\$ 5,405	\$ 2,975	\$ 3,550	\$ 3,550	\$ 4,600
	Pitkin Cust Office Expansion	\$ -	\$ 500	\$ -	\$ -	\$ -
	NYC Training Center (s)	\$ -	\$ -	\$ 11,600	\$ 4,400	\$ -
	Greenpoint Electrical	\$ 500	\$ 600	\$ 800	\$ -	\$ -
	Canarsie Roofs & Facades	\$ 1,352	\$ 2,300	\$ 1,500	\$ 2,300	\$ -
	Canarsie Parking	\$ 850	\$ -	\$ -	\$ -	\$ -
	Total Facilities/Customer	\$ 8,107	\$ 6,375	\$ 17,450	\$ 10,250	\$ 4,600
Fleet/IMWM	Fleet	\$ 675	\$ 650	\$ 950	\$ 450	\$ 450
	Inventory Management Warehouse Management	\$ 470	\$ 600	\$ 600	\$ 300	\$ 300
	Total Fleet/IMWM	\$ 1,145	\$ 1,250	\$ 1,550	\$ 750	\$ 750
Future of Heat	Future of Heat - Gas Demand Response	\$ 236	\$ 59	\$ 59	\$ 59	\$ -
	Total Future of Heat	\$ 236	\$ 59	\$ 59	\$ 59	\$ -
	Total Capital/COR	\$ 896,549	\$ 582,514	\$ 743,397	\$ 684,401	\$ 794,310

The Brooklyn Union Gas Company d/b/a National Grid NY
Information Technology & GBE Service Company Capital Investment Plan
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Line	Business Program	Balance at 3/31/2020	R Y21 Additions	D Y22 Additions	D Y23 Additions
1	Core IT	\$ 98,336,594	\$ 150,000,000	\$ 150,000,000	\$ 150,000,000
2	GBE	\$ 305,277,737	\$ 75,119,383	\$ -	\$ -
		\$ 403,614,331	\$ 225,119,383	\$ 150,000,000	\$ 150,000,000

Line	Release Name	Balance at 3/31/2020	R Y21 Additions	D Y22 Additions	D Y23 Additions
1	Asset Management	\$ 41,301,400	\$ 12,132,339	\$ -	\$ -
2	Asset Management / GIS	\$ 93,858,432	\$ 23,112,539	\$ -	\$ -
3	Customer Engagement	\$ 32,212,176	\$ 9,730,595	\$ -	\$ -
4	Supply Chain	\$ 8,549,267	\$ 1,267,876	\$ -	\$ -
5	Work Management (Maximo)	\$ 99,561,392	\$ 24,039,652	\$ -	\$ -
6	Work Management (SDM)	\$ 29,795,070	\$ 4,836,381	\$ -	\$ -
		305,277,737	75,119,383	-	-

Line	Business Program	Program	Balance at 3/31/2020	R Y21 Additions	D Y22 Additions	D Y23 Additions
1	Core IT	Architecture	\$ -	\$ 2,747,974	\$ 3,494,739	\$ 4,043,199
2	Core IT	Capital Delivery	\$ -	\$ 4,430,395	\$ 3,306,023	\$ 4,648,260
3	Core IT	Customer Operations	\$ -	\$ 3,371,257	\$ 12,231,587	\$ 11,420,263
4	Core IT	CXP - Customer Operations	\$ -	\$ 8,537,869	\$ -	\$ -
5	Core IT	Digital	\$ -	\$ 8,188,962	\$ 15,656,749	\$ 14,186,662
6	Core IT	Electric Operations	\$ -	\$ 1,400,939	\$ -	\$ -
7	Core IT	Finance & Business Services	\$ -	\$ 15,308,710	\$ 20,169,887	\$ 17,758,864
8	Core IT	Gas Operations	\$ -	\$ 4,023,115	\$ 3,625,792	\$ 6,029,332
9	Core IT	IT Group Functions	\$ -	\$ 14,453,856	\$ 11,064,929	\$ 12,382,119
10	Core IT	Other Platform Initiatives	\$ -	\$ 549,595	\$ 436,842	\$ 425,600
11	Core IT	Placed in Service	\$ 98,336,594	\$ -	\$ -	\$ -
12	Core IT	Security	\$ -	\$ 19,988,324	\$ 21,323,151	\$ 27,632,781
13	Core IT	Solution Development	\$ -	\$ 2,747,974	\$ 3,494,739	\$ 4,255,999
14	Core IT	Technology Modernization	\$ -	\$ 64,106,487	\$ 49,024,725	\$ 42,058,651
15	Core IT	Transformation Office	\$ -	\$ -	\$ 436,842	\$ 567,466
16	Core IT	Wholesale Networks	\$ -	\$ 144,543	\$ 5,733,993	\$ 4,590,804
17	GBE	GBE	\$ 305,277,737	\$ 75,119,383	\$ -	\$ -
			\$ 403,614,331	\$ 225,119,383	\$ 150,000,000	\$ 150,000,000

The Brooklyn Union Gas Company db/a National Grid NY
 Information Technology Service Company Capital Investment Plan
 For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Program	Project Name	Balance at	RY21		DY22	DY23
			3/31/2020	Additions	Additions	Additions	
Core IT	Architecture	IT4IT: Data Management	\$ -	\$ 2,198,379	\$ 3,057,897	\$ -	\$ 4,043,199
		IT4IT: Tooling (EA portion of D/PPM)	\$ -	\$ 549,595	\$ 436,842	\$ -	\$ -
	Architecture Total		\$ -	\$ 2,747,974	\$ 3,494,739	\$ -	\$ 4,043,199
	Capital Delivery	ABB SENDOUT Server Upgrade	\$ -	\$ 143,068	\$ -	\$ -	\$ -
		Capital Delivery Enablement Program	\$ -	\$ -	\$ 2,863,939	\$ -	\$ 4,648,260
		New Storms Response Management System Implementation	\$ -	\$ 896,389	\$ 442,085	\$ -	\$ -
		Primavera Upgrade/Stabilization	\$ -	\$ 3,390,938	\$ -	\$ -	\$ -
	Capital Delivery Total		\$ -	\$ 4,430,395	\$ 3,306,023	\$ -	\$ 4,648,260
	Customer Operations	Case & Customer Complaint Management Sol	\$ -	\$ 320,436	\$ -	\$ -	\$ -
		Customer and Agent Experience	\$ -	\$ -	\$ 8,736,848	\$ -	\$ 8,157,331
		Customer Connection Program	\$ -	\$ -	\$ 2,184,212	\$ -	\$ 1,773,333
		Customer Contact Center / SDC Technology	\$ -	\$ 3,050,820	\$ -	\$ -	\$ -
		Regulatory and Community Mandates	\$ -	\$ -	\$ 1,310,527	\$ -	\$ 1,489,600
	Customer Operations Total		\$ -	\$ 3,371,257	\$ 12,231,587	\$ -	\$ 11,420,263
	CXP - Customer Operations	Automated Customer Services	\$ -	\$ 544,314	\$ -	\$ -	\$ -
		Personalization	\$ -	\$ 1,076,154	\$ -	\$ -	\$ -
		Web Self Service	\$ -	\$ 6,917,402	\$ -	\$ -	\$ -
	CXP - Customer Operations Total		\$ -	\$ 8,537,869	\$ -	\$ -	\$ -
	Digital	Digital	\$ -	\$ 3,572,366	\$ 13,280,009	\$ -	\$ 14,186,662
		Nucleus Project	\$ -	\$ 4,616,596	\$ 2,376,741	\$ -	\$ -
	Digital Total		\$ -	\$ 8,188,962	\$ 15,656,749	\$ -	\$ 14,186,662
	Electric Operations	AVLS Modem Reconfiguration	\$ -	\$ 872,779	\$ -	\$ -	\$ -
		Supervisor Enablement iPad Advanced Capabilities	\$ -	\$ 528,161	\$ -	\$ -	\$ -
	Electric Operations Total		\$ -	\$ 1,400,939	\$ -	\$ -	\$ -
	Finance & Business Services	Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY21	\$ -	\$ 761,738	\$ -	\$ -	\$ -
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY22	\$ -	\$ -	\$ 1,210,927	\$ -	\$ -
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY23	\$ -	\$ -	\$ -	\$ -	\$ 983,136
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY24	\$ -	\$ -	\$ -	\$ -	\$ -
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY25	\$ -	\$ -	\$ -	\$ -	\$ -
		Bill Print and Bill Composition Implement	\$ -	\$ 852,746	\$ -	\$ -	\$ -
		Blackline: US Implementation	\$ -	\$ 467,403	\$ 873,685	\$ -	\$ -
		Centralized Services Program	\$ -	\$ -	\$ -	\$ -	\$ 3,546,666
		DocuSign	\$ -	\$ 426,039	\$ -	\$ -	\$ -
		F&A and Implementation - Vision FM Repla	\$ -	\$ 442,424	\$ 1,048,422	\$ -	\$ -
		Finance and Business Services Health Check (Non-SAP) Program	\$ -	\$ -	\$ 305,790	\$ -	\$ 248,267
		Future of Finance Program of Work	\$ -	\$ -	\$ 2,795,791	\$ -	\$ 2,482,666
		Future of HR Program	\$ -	\$ 290,736	\$ -	\$ -	\$ -
		FY21 Mandated Projects	\$ -	\$ 2,802,933	\$ -	\$ -	\$ -
		FY22 Mandated Projects	\$ -	\$ -	\$ 4,543,161	\$ -	\$ -
		FY23 Mandated Projects	\$ -	\$ -	\$ -	\$ -	\$ 3,688,532
		FY24 Mandated Projects	\$ -	\$ -	\$ -	\$ -	\$ -
		FY25 Mandated Projects	\$ -	\$ -	\$ -	\$ -	\$ -
		Lease Accounting Updates and CCM - Phase	\$ -	\$ 1,373,987	\$ 655,264	\$ -	\$ -
		Lease Accounting Updates and Contract Ma	\$ -	\$ 6,593,814	\$ -	\$ -	\$ -
		NACHA Change	\$ -	\$ 368,228	\$ 218,421	\$ -	\$ -
		Property Services IT Systems Modernization	\$ -	\$ -	\$ 436,842	\$ -	\$ 354,667
		RCM Excellence	\$ -	\$ -	\$ 1,747,370	\$ -	\$ -
		Revenue Cycle Management - non CIS	\$ -	\$ -	\$ 1,747,370	\$ -	\$ -
		Revenue Cycle Management non CIS	\$ -	\$ -	\$ -	\$ -	\$ 1,134,933
		RightFax Upgrade/Remediation	\$ -	\$ 137,399	\$ 218,421	\$ -	\$ -
		SAP and BackOffice Health Program	\$ -	\$ -	\$ -	\$ -	\$ 1,773,333
		Upgrade Servers for CCAE Reporting	\$ -	\$ 282,573	\$ -	\$ -	\$ -
		US Finance Program	\$ -	\$ -	\$ 4,368,424	\$ -	\$ 3,546,666
		US SAP: Fiori Upgrade Phase 1	\$ -	\$ 508,690	\$ -	\$ -	\$ -
	Finance & Business Services Total		\$ -	\$ 15,308,710	\$ 20,169,887	\$ -	\$ 17,758,864
	Gas Operations	DMS Replacement - Delivery	\$ -	\$ 2,044,574	\$ -	\$ -	\$ -
		Gas Cash Flow Optimization	\$ -	\$ 137,399	\$ 436,842	\$ -	\$ 709,333
		Gas Field Excellence	\$ -	\$ 164,878	\$ 436,842	\$ -	\$ 1,418,666
		Gas Process & Performance Optimization	\$ -	\$ 769,433	\$ 1,223,159	\$ -	\$ 1,418,666
		Gas Safety and Compliance	\$ -	\$ 769,433	\$ 1,310,527	\$ -	\$ 1,773,333
		Gas Work Plan Optimization	\$ -	\$ 137,399	\$ 218,421	\$ -	\$ 709,333
	Gas Operations Total		\$ -	\$ 4,023,115	\$ 3,625,792	\$ -	\$ 6,029,332
	IT Group Functions	Allegro Upgrade to Horizon	\$ -	\$ 893,707	\$ -	\$ -	\$ 174,496
		AMAG HW and SW Upgrade	\$ -	\$ 2,084,039	\$ 1,602,922	\$ -	\$ -
		Application Lifecycle Management Toolset	\$ -	\$ 323,634	\$ -	\$ -	\$ -
		Employee Digital Workplace	\$ -	\$ 885,797	\$ -	\$ -	\$ -
		GRC Archer - Risk and Migration	\$ -	\$ 988,417	\$ -	\$ -	\$ -
		Group Function Fix the Foundation	\$ -	\$ 35,724	\$ -	\$ -	\$ -
		Group Function Operational Excellence	\$ -	\$ 906,831	\$ 2,725,897	\$ -	\$ 3,099,786
		Group Function Regulatory/Mandated Requests	\$ -	\$ 1,947,214	\$ 4,814,003	\$ -	\$ 5,844,905
		Identity and Access Management Business	\$ -	\$ 2,796,421	\$ -	\$ -	\$ -
		Learning Interfaces integration with Suc	\$ -	\$ 286,883	\$ -	\$ -	\$ -
		MyHub Compliance & Enhancements	\$ -	\$ 725,556	\$ -	\$ -	\$ -
		Software License and Asset Management (I	\$ -	\$ 335,253	\$ -	\$ -	\$ -
		Total Reward Statement	\$ -	\$ 182,812	\$ -	\$ -	\$ -
		Travel & Expense Management (T&E) and Gl	\$ -	\$ 179,679	\$ -	\$ -	\$ -
		US Document Management	\$ -	\$ 439,676	\$ -	\$ -	\$ -
		US Group Functions: Fix the Foundation	\$ -	\$ 725,465	\$ 1,485,264	\$ -	\$ 1,489,600
		US Group Functions: Operational Excellence	\$ -	\$ 274,797	\$ 436,842	\$ -	\$ 1,773,333
		US IMS Upgrade	\$ -	\$ 234,791	\$ -	\$ -	\$ -
		US Legal: Document Management	\$ -	\$ 207,161	\$ -	\$ -	\$ -
	IT Group Functions Total		\$ -	\$ 14,453,856	\$ 11,064,929	\$ -	\$ 12,382,119
	Other Platform Initiatives	IT4IT: Service Now	\$ -	\$ 549,595	\$ 436,842	\$ -	\$ 425,600
	Other Platform Initiatives Total		\$ -	\$ 549,595	\$ 436,842	\$ -	\$ 425,600
	Placed in Service	AIX upgrade	\$ 2,048,005	\$ -	\$ -	\$ -	\$ -
		AVLS Old 3G Modem Replacement	\$ 2,685,186	\$ -	\$ -	\$ -	\$ -
		Capital Delivery IS Initiative US	\$ 2,207,934	\$ -	\$ -	\$ -	\$ -
		CASB 2	\$ 988,798	\$ -	\$ -	\$ -	\$ -
		CNI Secure Communication	\$ 6,137,547	\$ -	\$ -	\$ -	\$ -
		Customer Contact Center / SDC Technology	\$ 18,329,533	\$ -	\$ -	\$ -	\$ -
		Data Centre Decommission Melville	\$ 257,647	\$ -	\$ -	\$ -	\$ -
		Data Visualization	\$ 318,484	\$ -	\$ -	\$ -	\$ -

The Brooklyn Union Gas Company db/a National Grid NY
 Information Technology Service Company Capital Investment Plan
 For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Program	Project Name	Balance at	RY21		DY22		DY23
			3/31/2020	Additions	Additions	Additions	Additions	
		Data Visualization Evolution	\$ 2,360,108	\$ -	\$ -	\$ -	\$ -	\$ -
		DMS Replacement Delivery	\$ 9,629,860	\$ -	\$ -	\$ -	\$ -	\$ -
		EMM Phase2	\$ 1,403,600	\$ -	\$ -	\$ -	\$ -	\$ -
		Enable Transactional Email in CRS	\$ 516,723	\$ -	\$ -	\$ -	\$ -	\$ -
		End User US T430 Refresh	\$ 2,324,238	\$ -	\$ -	\$ -	\$ -	\$ -
		EPA Portfolio Manager Integration Phase	\$ 453,226	\$ -	\$ -	\$ -	\$ -	\$ -
		Gas Capacity Review Database	\$ 1,444,317	\$ -	\$ -	\$ -	\$ -	\$ -
		Gas Service Database DNY (LI and NYC)	\$ 403,102	\$ -	\$ -	\$ -	\$ -	\$ -
		Gateway Upgrades	\$ 500,014	\$ -	\$ -	\$ -	\$ -	\$ -
		IAM: Role Based Access control	\$ 995,387	\$ -	\$ -	\$ -	\$ -	\$ -
		INVP 5178 (Partial R-D)	\$ 408,770	\$ -	\$ -	\$ -	\$ -	\$ -
		INVP 5702 USB Malware defense - Gateway Enhancements	\$ 422,464	\$ -	\$ -	\$ -	\$ -	\$ -
		Lease Accounting Updates and Contract Ma	\$ 3,132,728	\$ -	\$ -	\$ -	\$ -	\$ -
		NetMod eBond/NSSR/SVC Catalog	\$ 306,872	\$ -	\$ -	\$ -	\$ -	\$ -
		NetMod Ethernet/SD WAN Upgrade	\$ 1,103,296	\$ -	\$ -	\$ -	\$ -	\$ -
		Netmod Governance	\$ 712,178	\$ -	\$ -	\$ -	\$ -	\$ -
		NetMod Zscaler Cloud Security Gateway	\$ 408,538	\$ -	\$ -	\$ -	\$ -	\$ -
		NY Gas Service Line Inspection	\$ 951,856	\$ -	\$ -	\$ -	\$ -	\$ -
		NY Tax Remittance and Reporting Correction	\$ 1,312,835	\$ -	\$ -	\$ -	\$ -	\$ -
		Perimeter enhancements	\$ 186,399	\$ -	\$ -	\$ -	\$ -	\$ -
		Physical Security	\$ 805,128	\$ -	\$ -	\$ -	\$ -	\$ -
		Supervisor Enablement iPads Rollout	\$ 990,364	\$ -	\$ -	\$ -	\$ -	\$ -
		Unix51 Interface Migration	\$ 1,481,027	\$ -	\$ -	\$ -	\$ -	\$ -
		UPS Replacement for Data Communication C	\$ 195,776	\$ -	\$ -	\$ -	\$ -	\$ -
		US CNI GMSSCADA Upgrade and Consolidation	\$ 16,211,609	\$ -	\$ -	\$ -	\$ -	\$ -
		US Endpoint Security	\$ 1,684,199	\$ -	\$ -	\$ -	\$ -	\$ -
		US Foundation Hosting Renewal	\$ 9,996,732	\$ -	\$ -	\$ -	\$ -	\$ -
		US SAP: FERC on HANA (FOH) Upgrade	\$ 3,756,950	\$ -	\$ -	\$ -	\$ -	\$ -
		Virtual Desktop DaaS	\$ 572,704	\$ -	\$ -	\$ -	\$ -	\$ -
		Windows 10 HW	\$ 692,459	\$ -	\$ -	\$ -	\$ -	\$ -
	Placed in Service Total		\$ 98,336,594	\$ -	\$ -	\$ -	\$ -	\$ -
	Security	CNI Intrusion Detection System (IDS) ref	\$ -	\$ 314,042	\$ -	\$ -	\$ -	\$ -
		CNI Secure Communication	\$ -	\$ 858,513	\$ -	\$ -	\$ -	\$ -
		Data Protection	\$ -	\$ 274,797	\$ 393,158	\$ -	\$ 368,144	\$ -
		Gas Business Enablement Cyber Security E	\$ -	\$ 984,552	\$ -	\$ -	\$ -	\$ -
		IAM- Privilege Access Management (PAM) -	\$ -	\$ 478,494	\$ -	\$ -	\$ -	\$ -
		IAM: Role Based Access control	\$ -	\$ 281,978	\$ -	\$ -	\$ -	\$ -
		Identity and Access Management	\$ -	\$ 3,215,129	\$ 5,111,056	\$ -	\$ 4,785,871	\$ -
		Internal Public Key Infrastructure (PKI)	\$ -	\$ 482,581	\$ -	\$ -	\$ -	\$ -
		Malware Defense - Endpoint Protection	\$ -	\$ 1,903,165	\$ -	\$ -	\$ -	\$ -
		Malware Defense - System Hardening	\$ -	\$ 2,519,906	\$ -	\$ -	\$ -	\$ -
		Multi factor Authentication (MFA)	\$ -	\$ 1,078,282	\$ -	\$ -	\$ -	\$ -
		Network Security	\$ -	\$ -	\$ 1,310,527	\$ -	\$ 1,227,146	\$ -
		Network Security Improvements	\$ -	\$ 1,170,255	\$ -	\$ -	\$ -	\$ -
		Physical Security	\$ -	\$ 2,119,787	\$ 87,368	\$ -	\$ 70,933	\$ -
		Platform Security	\$ -	\$ 782,829	\$ 4,193,687	\$ -	\$ 3,926,868	\$ -
		Security Incident & Event Management: Ph	\$ -	\$ 1,591,639	\$ -	\$ -	\$ -	\$ -
		Security Orchestration, Automation and Response	\$ -	\$ -	\$ 1,179,474	\$ -	\$ 1,104,432	\$ -
		US Strategic Risk Remediation	\$ -	\$ 1,272,861	\$ 7,999,458	\$ -	\$ 15,167,670	\$ -
		Vulnerability Management	\$ -	\$ 659,514	\$ 1,048,422	\$ -	\$ 981,717	\$ -
	Security Total		\$ -	\$ 19,988,324	\$ 21,323,151	\$ -	\$ 27,632,781	\$ -
	Solution Development	IT4IF: GSD Lab	\$ -	\$ 109,919	\$ -	\$ -	\$ -	\$ -
		IT4IF: IT Tooling	\$ -	\$ 1,154,149	\$ 1,747,370	\$ -	\$ 2,127,999	\$ -
		IT4IF: Middleware	\$ -	\$ 1,483,906	\$ 1,747,370	\$ -	\$ 2,127,999	\$ -
	Solution Development Total		\$ -	\$ 2,747,974	\$ 3,494,739	\$ -	\$ 4,255,999	\$ -
	Technology Modernization	Active Directory Improvements	\$ -	\$ 852,591	\$ -	\$ -	\$ -	\$ -
		Application Virtualization	\$ -	\$ 452,599	\$ -	\$ -	\$ -	\$ -
		Aruba POC	\$ -	\$ 389,058	\$ -	\$ -	\$ -	\$ -
		Box & Huddle to SharePoint Online	\$ -	\$ 234,429	\$ -	\$ -	\$ -	\$ -
		Collaboration & Unified Communications	\$ -	\$ 1,250,218	\$ 4,313,207	\$ -	\$ 4,143,372	\$ -
		Copper to Fiber Migration	\$ -	\$ 151,139	\$ -	\$ -	\$ -	\$ -
		Data Center Buildout (Hicksville)	\$ -	\$ 11,873	\$ -	\$ -	\$ -	\$ -
		Dell Discovery	\$ -	\$ 349,791	\$ -	\$ -	\$ -	\$ -
		Directory Services - US	\$ -	\$ 3,407,487	\$ 5,242,109	\$ -	\$ -	\$ -
		Downstate NY PBX Replacement Upgrade	\$ -	\$ 269,897	\$ -	\$ -	\$ -	\$ -
		DXC Hosting Tx Initiatives	\$ -	\$ 1,136,562	\$ 3,921,097	\$ -	\$ 3,766,702	\$ -
		End User VPN Replacement	\$ -	\$ 337,447	\$ -	\$ -	\$ -	\$ -
		ICE Replacement	\$ -	\$ 6,756,362	\$ -	\$ -	\$ -	\$ -
		Infrastructure New Capability	\$ -	\$ 1,459,449	\$ 5,035,045	\$ -	\$ 4,836,788	\$ -
		Infrastructure Remediation & Lifecycle Refresh	\$ -	\$ 1,852,079	\$ 6,389,606	\$ -	\$ 6,138,012	\$ -
		Integration Services	\$ -	\$ 720,806	\$ -	\$ -	\$ -	\$ -
		LAN/Wi-Fi Infrastructure Program	\$ -	\$ 1,433,618	\$ 4,945,930	\$ -	\$ 4,751,181	\$ -
		Legacy AD Remediation	\$ -	\$ 233,578	\$ -	\$ -	\$ -	\$ -
		Legacy Device Refresh	\$ -	\$ 482,779	\$ -	\$ -	\$ -	\$ -
		Managed Networks	\$ -	\$ 5,779,040	\$ -	\$ -	\$ -	\$ -
		Modern Workplace	\$ -	\$ 1,565,356	\$ 5,400,420	\$ -	\$ 5,187,776	\$ -
		NetMod Infoblox	\$ -	\$ 1,738,041	\$ -	\$ -	\$ -	\$ -
		Network Equipment End of Life Replacement	\$ -	\$ 1,902,003	\$ -	\$ -	\$ -	\$ -
		Network Security Infrastructure Program	\$ -	\$ 916,999	\$ 3,163,613	\$ -	\$ 3,039,043	\$ -
		Northborough and Avaya PBX Replacement/U	\$ -	\$ 201,712	\$ -	\$ -	\$ -	\$ -
		SharePoint to SharePoint Online	\$ -	\$ 271,046	\$ -	\$ -	\$ -	\$ -
		SOE (Windows) Upgrade and Device Refresh	\$ -	\$ 10,427,425	\$ -	\$ -	\$ -	\$ -
		Storage Capacity Purchase and Configure	\$ -	\$ 2,600,137	\$ -	\$ -	\$ -	\$ -
		Storage Migration	\$ -	\$ 790,427	\$ 2,726,945	\$ -	\$ 2,619,570	\$ -
		Substation Network Connectivity & Comms	\$ -	\$ 6,867,456	\$ -	\$ -	\$ -	\$ -
		Syracuse WIFI	\$ -	\$ 594,379	\$ -	\$ -	\$ -	\$ -
		UNIX Phase 2	\$ -	\$ 447,985	\$ -	\$ -	\$ -	\$ -
		UPS Infrastructure	\$ -	\$ 187,221	\$ -	\$ -	\$ -	\$ -
		Upstate NY PBX Replacement	\$ -	\$ 239,639	\$ -	\$ -	\$ -	\$ -
		Verizon - Aruba Wireless LAN (Waltham)	\$ -	\$ 1,804,303	\$ -	\$ -	\$ -	\$ -
		Verizon - US SD-WAN expansion	\$ -	\$ 520,083	\$ -	\$ -	\$ -	\$ -
		Voice Infrastructure Program	\$ -	\$ 1,960,374	\$ 3,831,981	\$ -	\$ 3,681,095	\$ -
		WAN Diversity at 18 Regional Storm Sites	\$ -	\$ 723,907	\$ -	\$ -	\$ -	\$ -
		WAN Infrastructure Program	\$ -	\$ 1,175,308	\$ 4,054,771	\$ -	\$ 3,895,112	\$ -
		WIFI Phase 2	\$ -	\$ 1,410,840	\$ -	\$ -	\$ -	\$ -
		Zoom Conferencing	\$ -	\$ 201,042	\$ -	\$ -	\$ -	\$ -
	Technology Modernization Total		\$ -	\$ 64,106,487	\$ 49,024,725	\$ -	\$ 42,058,651	\$ -
	Transformation Office	Migration from AWS to Azure - Advanced Data Analytics	\$ -	\$ -	\$ 436,842	\$ -	\$ 567,466	\$ -
	Transformation Office Total		\$ -	\$ -	\$ 436,842	\$ -	\$ 567,466	\$ -
	Wholesale Networks	WNCD Application Reinforcement Program	\$ -	\$ 144,543	\$ 5,733,993	\$ -	\$ 4,590,804	\$ -
	Wholesale Networks Total		\$ -	\$ 144,543	\$ 5,733,993	\$ -	\$ 4,590,804	\$ -
	Grand Total IT CAPEX Investment		\$ 98,336,594	\$ 150,000,000	\$ 150,000,000	\$ -	\$ 150,000,000	\$ -

The Brooklyn Union Gas Company d/b/a National Grid NY
GBE Service Company Capital Investment Plan
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Release Name	Balance at 3/31/2020	RY21 Additions	DY22 Additions	DY23 Additions
GBE	Asset Management	\$ 41,301,400	\$ 12,132,339	\$ -	\$ -
	Asset Management / GIS	\$ 93,858,432	\$ 23,112,539	\$ -	\$ -
	Customer Engagement	\$ 32,212,176	\$ 9,730,595	\$ -	\$ -
	Supply Chain	\$ 8,549,267	\$ 1,267,876	\$ -	\$ -
	Work Management (Maximo)	\$ 99,561,392	\$ 24,039,652	\$ -	\$ -
	Work Management (SDM)	\$ 29,795,070	\$ 4,836,381	\$ -	\$ -
GBE Total CAPEX Investment		\$ 305,277,737	\$ 75,119,383	\$ -	\$ -

Appendix 2

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Statement of Operating Income
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	Company Rebuttal Adj. to Staff Amounts	Company Adj. 2nd Supplemental	Company Adj. 3rd Supplemental	Settlement Adjustments	Rate Year Ending March 31, 2021	Base Revenue Increase Required	Rate Year Ending March 31, 2021 with Base Revenue Requirement
Operating Revenues	\$ 1,211,842	\$ (41,917)	\$ (16,485)	\$ 22,589	\$ (533)	\$ (16,087)	\$ 1,159,409	\$ (22,839)	\$ 1,136,570
Deductions									
Purchased Gas Costs	364,146	(33,168)	(8,512)	8,950	(250)	(4,530)	326,636		326,636
Revenue Taxes	12,437	4,983	(5,309)	256	(324)	(309)	11,734	(231)	11,503
Total Deductions	376,583	(28,185)	(13,821)	9,206	(574)	(4,839)	338,370	(231)	338,139
Gross Margin	835,259	(13,732)	(2,664)	13,382	42	(11,248)	821,039	(22,608)	798,431
Total Operation & Maintenance Expenses	287,078	(33,995)	29,228	2,211	(1,481)	(29,773)	253,268	(139)	253,129
Amortization of Regulatory Deferrals	14,168	(3,781)	3,781	-	-	(4,300)	9,868	-	9,868
Depreciation, Amort. & Loss on Disposition	107,783	(12,304)	11,644	773	-	(7,648)	100,248	-	100,248
Taxes Other Than Revenue & Income Taxes	188,412	(2,553)	2,553	-	-	(1,288)	187,124	-	187,124
Total Operating Revenue Deductions	597,442	(52,633)	47,206	2,984	(1,481)	(43,009)	550,509	(139)	550,370
Operating Income Before Income Taxes	237,817	38,901	(49,869)	10,398	1,522	31,761	270,530	(22,469)	248,061
Income Taxes									
Federal Income Taxes	31,844	2,740	(4,612)	1,857	232	821	32,882	(4,323)	28,559
State Income Taxes	13,565	3,554	(4,369)	808	102	2,718	16,378	(1,883)	14,495
Total Income Taxes	45,409	6,294	(8,981)	2,665	334	3,539	49,261	(6,206)	43,055
Operating Income After Income Taxes	\$ 192,408	\$ 32,607	\$ (40,888)	\$ 7,733	\$ 1,188	\$ 28,222	\$ 221,270	\$ (16,263)	\$ 205,007
Rate Base	\$ 3,269,060	\$ (151,801)	\$ 92,772	\$ 50,781	\$ (198)	\$ (16,838)	\$ 3,243,777		\$ 3,243,777
Rate of Return	5.89%						6.82%		6.32%
Note 1									
Operating Revenues	\$ 1,159,409						\$ 1,136,570	\$ (22,839)	
GRT	(11,734)						(11,503)	231	
Purchased Gas	(326,636)						(326,636)	-	
Add Tax Surcredit	(30,835)						-	30,835	
Add Back ETIP	10,710						-	(10,710)	
Base Revenue Increase	\$ 800,914						\$ 798,431	\$ (2,483)	

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Summary of O&M Expenses
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adj. 2nd Supplemental	Company Adj. 3rd Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Operation & Maintenance Expenses:								
Departmental Items:								
Consultants	\$ 7,865	\$ (714)	\$ 7,151	\$ 714	\$ -	\$ -	\$ (565)	\$ 7,300
Contractors	32,961		32,961	-	-	-	-	32,961
Donations	-		-	-	-	-	-	-
Employee Expenses	3,016		3,016	-	-	-	-	3,016
Hardware	203		203	-	-	-	-	203
Software	3,816		3,816	-	-	-	-	3,816
Other	1,814	(1,153)	661	22	-	-	-	683
Rents	4,501		4,501	-	-	-	(100)	4,401
Service Company Rents	32,235	(7,356)	24,879	7,306	-	-	(11,333)	20,852
Construction Reimbursement	(69)		(69)	-	-	-	-	(69)
FAS 106	(4,924)		(4,924)	-	-	-	-	(4,924)
FAS 112	153		153	-	-	-	-	153
Health Care	10,398		10,398	-	-	-	-	10,398
Group Life Insurance	662		662	-	-	-	-	662
Other Benefits	525		525	-	-	-	-	525
Pension	5,302		5,302	-	-	-	-	5,302
Thrift Plan	3,535		3,535	-	-	-	-	3,535
Workers Comp	877		877	-	-	-	-	877
Materials Outside Vendor	2,323		2,323	-	-	-	-	2,323
Materials From Inventory	2,175		2,175	-	-	-	-	2,175
Materials Stores Handling	193		193	-	-	-	-	193
Postage	3,740		3,740	-	-	-	-	3,740
Total Labor	87,040	(3,396)	83,644	3,396	-	-	(750)	86,291
Transportation	5,136	(559)	4,577	172	-	-	(280)	4,469
Energy Efficiency Program	9,649		9,649	-	-	1,232	-	10,881
Injuries & Damages	4,949		4,949	-	-	-	-	4,949
Other Initiatives	44,569	(12,842)	31,727	12,648	2,068	(2,716)	(17,140)	26,586
Productivity Adjustment	(2,020)	43	(1,977)	(43)	-	-	14	(2,006)
Rate Case Expense	241		241	-	-	-	-	241
Regulatory Assessment Fees	4,393		4,393	-	-	-	(0)	4,393
Uncollectible Accounts	7,397	(797)	6,600	428	143	4	(405)	6,769
SIR	6,630	(1,734)	4,896	1,734	-	-	(1,733)	4,896
Joint Facilities	-		-	-	-	-	-	-
Savings	(5,490)	(4,187)	(9,677)	3,352	-	-	(937)	(7,262)
Legal	727		727	-	-	-	-	727
Accounting	1,510		1,510	-	-	-	-	1,510
Economic Development Program	500	500	1,000	(500)	-	-	2,250	2,750
Low Income Program	5,544		5,544	-	-	-	1,206	6,750
Incentive Program	1,800	(1,800)	-	-	-	-	-	-
Paving	3,201		3,201	-	-	-	-	3,201
TOTAL	\$ 287,078	\$ (33,995)	\$ 253,083	\$ 29,228	\$ 2,211	\$ (1,481)	\$ (29,773)	\$ 253,268

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Federal Income Taxes
For the Rate Year Ending March 31, 2021
(Whole Dollars)

	Federal					Net FIT Before Rev Req
	Federal Taxable Income	Deferable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
	\$ 270,530,221	\$ -	\$ 270,530,221	\$ 56,811,000		\$ 56,811,000
Interest	(68,119,329)		(68,119,329)	(14,305,000)		(14,305,000)
New York State Income Taxes	(16,378,328)		(16,378,328)	(3,439,000)		(3,439,000)
Flow-through AFDUC	(2,437,167)		(2,437,167)	(512,000)		(512,000)
Flow-through Depreciation	286,787		286,787	60,000		60,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	90,000		90,000	19,000		19,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other -3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Excess ADIT Amortization	-		-	(5,751,809)		(5,751,809)
TOTAL FIT EXPENSE	\$ 183,972,184	\$ -	\$ 183,972,184	\$ 32,882,191	\$ -	\$ 32,882,191
Federal Tax Rate	21.00%					

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
State Income Taxes
For the Rate Year Ending March 31, 2021
(Whole Dollars)

	State					Net SIT Before Rev Req
	State Taxable Income	Deferable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
	\$ 270,530,221	\$ -	\$ 270,530,221	\$ 22,670,000		\$ 22,670,000
Interest	(68,119,329)		(68,119,329)	(5,708,000)		(5,708,000)
Flow-through AFDUC	(2,437,167)		(2,437,167)	(204,000)		(204,000)
Flow-through Depreciation	286,787		286,787	24,000		24,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	90,000		90,000	8,000		8,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other -3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-	(411,672)	(411,672)
Tax Only Item - 3	-		-	-		-
TOTAL SIT EXPENSE	\$ 200,350,512	\$ -	\$ 200,350,512	\$ 16,790,000	\$ (411,672)	\$ 16,378,328
NY State Tax Rate	8.38%					

NET INCOME BEFORE FEDERAL & STATE INCOME TAXES

Interest	(68,119,329)
New York State Income Taxes	(16,378,328)
Flow-through AFDUC	(2,437,167)
Flow-through Depreciation	286,787
Flow-through Unamortized Debt	-
Flow-through Bond Redemption	-
Meals and Entertainment	90,000
GAIN ON REDEMPTION BONDS	-
Other -2	-
Other -3	-
Tax Only Item - Rate Change	-
Tax Only Item - State Year 2000	-
Excess ADIT Amortization	-
TOTAL FIT EXPENSE	\$ 183,972,184

Federal Tax Rate

NET INCOME BEFORE FEDERAL & STATE INCOME TAXES

Interest	(68,119,329)
Flow-through AFDUC	(2,437,167)
Flow-through Depreciation	286,787
Flow-through Unamortized Debt	-
Flow-through Bond Redemption	-
Meals and Entertainment	90,000
GAIN ON REDEMPTION BONDS	-
Other -2	-
Other -3	-
Tax Only Item - Rate Change	-
Tax Only Item - State Year 2000	-
Tax Only Item - 3	-
TOTAL SIT EXPENSE	\$ 200,350,512

NY State Tax Rate

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Summary of Rate Base
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adj. to Staff Amounts	Company Adj. 2nd Supplemental	Company Adj. 3rd Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Net Utility Plant	\$ 4,005,523	\$ (151,692)	\$ 3,853,831	\$ 90,579	\$ 54,280	\$ -	\$ (16,682)	\$ 3,982,007
Regulatory Assets / Liabilities ¹	8,257	(3,368)	4,889	3,368	-	-	-	8,257
Accumulated Deferred Income Taxes - Federal	(767,730)	7,881	(759,849)	(4,569)	(2,930)	-	3,452	(763,895)
Accumulated Deferred Income Taxes - State	(127,304)	2,192	(125,112)	(738)	(1,285)	-	299	(126,838)
Working Capital								
Materials and supplies	54,604	-	54,604	-	-	-	-	54,604
Prepayments	2,216	-	2,216	-	-	-	-	2,216
O&M Cash Allowance (1/8 O&M exp)	34,960	(4,150)	30,810	3,600	259	(185)	(3,671)	30,813
Supply Cash Allowance (Dec 18 lead/lag study)	24,882	-	24,882	-	-	-	-	24,882
Change in Supply Cash Allowance (5.11% x RY Gas exp)	(7,125)	(2,664)	(9,789)	533	457	(13)	(232)	(9,043)
subtotal Working Capital	109,537	(6,814)	102,723	4,133	716	(198)	(3,903)	103,472
subtotal avg. before EBCAP adj.	3,228,282	(151,801)	3,076,481	92,772	50,781	(198)	(16,835)	3,203,003
Excess Earnings Base adjustment	40,778	-	40,778	-	-	-	(3)	40,775
Total Rate Base	\$ 3,269,060	\$ (151,801)	\$ 3,117,259	\$ 92,772	\$ 50,781	\$ (198)	\$ (16,838)	\$ 3,243,778

¹ Note: Includes Account C1866122 Cost Sharing Agreement. For settlement purposes, the parties agree to include this account in this case with the acknowledgment that this decision does not establish precedent for including the Cost Sharing Agreement deferral in Rate Base in future rate case proceedings.

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Capital Structure
For the Rate Year Ending March 31, 2021

Joint Proposal Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 1,666,328	51.37%	4.06%	2.09%	2.09%
Customer Deposits	20,436	0.63%	0.90%	0.01%	0.01%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	1,557,013	48.00%	8.80%	4.22%	5.83%
Total	\$ 3,243,777	100.00%		6.32%	7.93%

Company's Third Supplemental Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 1,691,466	51.37%	4.06%	2.09%	2.09%
Customer Deposits	20,581	0.63%	2.45%	0.02%	0.02%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	1,557,013	48.00%	9.65%	4.63%	6.40%
Total	\$ 3,269,060	100.00%		6.74%	8.51%

OTHER REVENUE REQUIREMENT INPUTS

Forecast Rate Year Rates to apply to Rev Req					
Bad Debt % for Rev Req	0.61%			Tax	\$ 11,734
GRT rate for Rev Req	1.01%			Revenue	\$ 1,159,409
Federal Income Tax rate	21.00%			GRT	1.0120670%
NYS Income Tax rate	8.38%	72.3798%			
Historic Year EBCAP	(65,660)				
General Inflation (from 12/31/18 to 03/31/21)	3.9570%				

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Company Rebuttal to PSC Staff Direct Case
Company Rebuttal to Staff Adjustments for the Rate Year Ending March 31, 2021
(S000's)

	Staff Direct Amount	Company Adjustments to Staff Amount	Company Rebuttal Amount
Operating Revenues			
<u>Adj. 1</u> To reduce Operating Revenues associated with NESE	(75,708)	-	(75,708)
<u>Adj. 9</u> To reduce Operating Revenue associated with NESE, to reflect the Company's latest sales forecast	33,791	(16,485)	17,307
	\$ (41,917)	\$ (16,485)	\$ (58,402)
Purchased Gas Costs			
<u>Adj. 2</u> To reduce Purchased Gas costs associated with NESE	(52,099)	-	(52,099)
<u>Adj. 10</u> To reduce Purchased Gas costs associated with NESE, to reflect the Company's latest sales forecast	18,931	(8,512)	10,419
	\$ (33,168)	\$ (8,512)	\$ (41,680)
Revenue Taxes			
<u>Adj. 3</u> To reduce Revenue Tax associated with NESE	(525)	-	(525)
<u>Adj. 11</u> To reduce Revenue Taxes associated with NESE, to reflect the Company's latest sales forecast	5,508	(5,309)	199
	\$ 4,983	\$ (5,309)	\$ (326)
Operating and Maintenance Expenses			
Consultants			
<u>Adj. 16 (a)</u> To adjust Consultants to remove charges from Alix Partners	(714)	714	-
	\$ (714)	\$ 714	\$ -
Other			
<u>Adj. 16 (b)</u> To adjust other expense to remove the unaccrued amounts relating to PSEG electric bill payments	(1,153)	22	(1,131)
	\$ (1,153)	\$ 22	\$ (1,131)
Service Company Rents			
<u>Adj. 16 (c)</u>			
1 To adjust Service Company Rents to remove certain projects	(37)	(13)	(50)
2 To remove Gas Business Enablement (GBE) CapEx contingencies	(1,526)	1,526	-
3 To reduce Service Company Rents to reflect Staff's ROE	(2,805)	2,805	-
4 To adjust Service Company Rents to reflect Staff's forecasted Budget	(2,988)	2,988	-
	\$ (7,356)	\$ 7,306	\$ (50)
Total Labor			
<u>Adj. 16 (d)</u>			
1 To reduce Labor expense to reflect a 3% management wage increase	(167)	167	-
2 To reduce Labor expense to reflect a vacancy rate	(3,229)	3,229	-
	\$ (3,396)	\$ 3,396	\$ -
Transportation			
<u>Adj. 16 (e)</u> To reflect Staff's forecast of vehicles to be replaced	(559)	559	-
To reflect Company's correction per DPS-661	-	(387)	(387)
	\$ (559)	\$ 172	\$ (387)
Other Initiatives			
<u>Adj. 4 (a)</u> To reduce Other Initiatives associated with NESE	(79)	26	(54)
<u>Adj. 12 (a)</u> To remove 2.2 FTEs from Future of Heat for Renewable Natural Gas and Non-Pipeline Alternative	(177)	177	-
<u>Adj. 16 (f)</u>			
1 To include the CapEx costs of Low-Pressure Main Valve Installations (offset by the amortization of NRAs)	50	(50)	-
2 To remove 1 FTE from GSP Contractor Safety Inspection	(9)	9	-
3 To reduce management salary increase to 3%	(12)	12	-
4 Staff adjustment to the Hydrogen Blending Research project	(24)	24	-
5 To remove 3 FTEs from GIOP OpEx Support For Capital Program	(33)	33	-
6 To remove 0.3 FTE from FOH Demand Response	(40)	40	-
7 To remove 0.5 FTE from FOH Green Gas Tariff	(62)	62	-
8 To remove 0.6 FTE from GSP Enhanced Methane Detection	(65)	65	-
9 To remove 0.5 FTE from GIOP Research and Development	(70)	70	-
10 To update labor burdens for Staff's Rate Year forecast	(76)	(65)	(141)
11 To remove 0.5 FTE from FOH Geothermal	(80)	80	-
12 To remove 1 FTE from FOH Utility Energy Services Contract	(103)	103	-
13 To adjust allocation of costs for the Customer Online Fuel Switch Calculator	(104)	104	-
14 To remove 1.4 FTEs from GIOP Storm Hardening	(135)	135	-
15 To remove UESC costs to reflect costs being funded through the ETIP budget	(138)	138	-
16 To remove 3 FTEs from GIOP IMP/IVP OpEx	(215)	215	-
17 To remove EM&V costs to reflect costs being funded through the ETIP budget	(474)	474	-
18 To remove Demand Response Program costs, recovered through a non-bypassable delivery surcharge	(577)	577	-
19 Staff adjustment to Power to Gas project	(650)	650	-
20 To remove Storm Hardening to reflect pushing program out a year	(877)	877	-
21 Staff adjustment to the Geothermal project	(877)	877	-
22 To adjust Gas IS Opex/RTB to apply slippage to Opex/RTB	(996)	996	-
23 Staff adjustment to IMP/IVP OpEx - IMP (PHMSA Rules)	(2,134)	2,134	-
24 To adjust Gas IS Opex/RTB to remove CIS	(4,885)	4,885	-
	\$ (12,842)	\$ 12,648	\$ (194)
Productivity Adjustment			
<u>Adj. 16 (g)</u> To adjust productivity to reflect Staff's Labor forecast	43	(43)	-
	\$ 43	\$ (43)	\$ -
Uncollectible Accounts			
<u>Adj. 4 (b)</u> To reduce Uncollectible accounts associated with NESE	(478)	109	(369)
<u>Adj. 16 (h)</u> To adjust Uncollectibles to reflect the latest rolling 3 year average	(319)	319	-
	\$ (797)	\$ 428	\$ (369)

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Company Rebuttal to PSC Staff Direct Case
Company Rebuttal to Staff Adjustments for the Rate Year Ending March 31, 2021
(S000's)

	Staff Direct Amount	Company Adjustments to Staff Amount	Company Rebuttal Amount
Site Investigation and Remediation			
Adj. 16 (i) To reduce SIR Expense to reflect a projected average of MGP Costs for FY21-FY24	(1,734) \$ (1,734)	1,734 \$ 1,734	- \$ -
Savings			
Adj. 16 (i)			
1 To adjust savings to include savings associated with initiatives #17533 and #24611	(73)	-	(73)
2 To adjust savings, reducing the cost to achieve	(132)	132	-
3 To adjust savings to reflect the updated Level 4 and Level 5 savings	(762)	-	(762)
4 To adjust savings to reflect Level 3 savings in the Rate Year	(3,220) \$ (4,187)	3,220 \$ 3,352	- \$ (835)
Economic Development			
Adj. 16 (k) To adjust economic development to reflect Staff's incremental program costs	500 \$ 500	(500) \$ (500)	- \$ -
Incentive Program			
Adj. 4 (c) To reduce Incentive Program costs associated with NESE	(1,800) \$ (1,800)	- \$ -	(1,800) \$ (1,800)
Total Operating and Maintenance Expense Adjustment		\$ (33,995)	\$ 29,228
Amortization of Regulatory Deferrals			
Adj. 17			
1 To amortize the Economic Development program deferral account to offset Staff's incremental program costs	(500)	500	-
2 To amortize Gas Safety NRAs deferral accounts to offset the costs of specific Gas Safety programs reflected	(1,231)	1,231	-
3 To amortize the unexpended EEPS and ETIP deferral balances over a 5-year period	(2,050) \$ (3,781)	2,050 \$ 3,781	- \$ -
Depreciation Expense			
Adj. 5 To reduce Depreciation expense associated with NESE	(647)	(13)	(660)
Adj. 18			
1 To adjust Depreciation Expense tracking Staff's forecast of Plant additions	(1,033)	1,033	-
2 To adjust Depreciation Expense to reflect Staff's Depreciation Rates	(10,624) \$ (12,304)	10,624 \$ 11,644	- \$ (660)
Taxes Other Than Revenue & Income Taxes			
Real Estate Taxes			
Adj. 19 (a) To reduce Property Taxes to reflect a 3-Year average growth rate	(2,326) \$ (2,326)	2,326 \$ 2,326	- \$ -
Payroll Taxes			
Adj. 19 (b) To adjust Payroll Taxes to reflect Staff's Labor Forecast	(227) \$ (227)	227 \$ 227	- \$ -
Total Taxes Other Than Revenue & Income Taxes Adjustments		\$ (2,553)	\$ 2,553
Federal Income Taxes			
Adj. 6 To adjust current Federal Income tax tracking the adjustments removing NESE	(3,627)	-	(3,627)
Adj. 13 To adjust current Federal Income tax tracking the adjustments removing NESE	1,833	-	1,833
Adj. 20 (a) To reflect an amortization period of 10 years for excess ADIT	(5,421)	5,421	-
Adj. 20 (b) To adjust current Federal Income Taxes, tracking Staff's adjustments	9,955 \$ 2,740	(10,033) \$ (4,612)	(78) \$ (1,872)
State Income Taxes			
Adj. 7 To adjust current State Income tax tracking the adjustments removing NESE	(1,580)	-	(1,580)
Adj. 14 To adjust current State Income tax tracking the adjustments removing NESE	799	-	799
Adj. 21 To adjust current State Income Taxes, tracking Staff's adjustments	4,335 \$ 3,554	(4,369) \$ (4,369)	(34) \$ (815)
Total Income Tax Adjustments		\$ 6,294	\$ (8,981)
Rate Base			
Net Utility Plant			
Adj. 8 (a) To reduce Net Utility Plant associated with NESE	(60,009)	(1,104)	(61,113)
Utility Plant			
Adj. 22 (a) To reflect Staff's forecast of plant additions	(81,227)	81,227	-
Accumulated Depreciation			
Adj. 22 (b)			
1 To adjust Accumulated Depreciation tracking Staff's adjustments to Utility Plant	(15,768)	15,768	-
2 To adjust Accumulated Depreciation tracking Staff's adjustment to Depreciation expense	5,312 \$ (151,692)	(5,312) \$ 90,579	- \$ (61,113)
Regulatory Assets/Liabilities			
Adj. 22 (c) To remove the regulatory deferred asset balance related to CSC reimbursable projects from rate base	(3,368) \$ (3,368)	3,368 \$ 3,368	- \$ -
Accumulated Deferred Income Taxes - Federal			
Adj. 8 (b) To adjust ADIT associated with NESE	3,254	-	3,254
Adj. 22 (d)			
1 Staff Adjustment to ADIT tracking Staff's adjustment to the amortization of other non-plant excess ADIT	(1,493)	1,493	-
2 Staff Adjustment to ADIT tracking Staff's adjustment to the amortization of excess unprotected plant ADIT	4,203	(4,203)	-
3 To adjust ADFIT tracking Staff's adjustment to Net Utility Plant	1,917 \$ 7,881	(1,859) \$ (4,569)	58 \$ 3,312

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Company Rebuttal to PSC Staff Direct Case
Company Rebuttal to Staff Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

	Staff Direct Amount		Company Adjustments to Staff Amount		Company Rebuttal Amount
Accumulated Deferred Income Taxes - State					
<u>Adj. 8 (c)</u>	1,428				1,428
<u>Adj. 22 (e)</u>	764	\$ 2,192	(738)	\$ (738)	26
					\$ 1,454
Working Capital					
<u>Adj. 8 (d)</u>					
2	(2,664)		-		(2,664)
1	(235)		-		(235)
<u>Adj. 15</u>	(22)		533		511
<u>Adj. 22 (f)</u>	(3,893)	\$ (6,814)	3,600	\$ 4,133	(293)
					\$ (2,681)
Total Rate Base Adjustments		<u>\$ (151,801)</u>		<u>\$ 92,772</u>	<u>\$ (59,029)</u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Second Supplemental
Company Second Supplemental Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

	Company Second Supplemental Amount	
Operating Revenues		
<u>Adj. 1</u>	To reflect updated Sales forecast	22,589 \$ 22,589
Purchased Gas Costs		
<u>Adj. 2</u>	To reflect updated Purchased Gas Costs	8,950 \$ 8,950
Revenue Taxes		
<u>Adj. 3</u>	To increase Revenue Taxes associated with Company's latest sales forecast	256 \$ 256
Operating and Maintenance Expenses		
Other Initiatives		
<u>Adj. 4</u>	Damage Prevention Mark Out Contract Update	1,937
<u>Adj. 5</u>	Capex related Opex - CNG sites	78
<u>Adj. 6</u>	Adjustment for No NESE	53 \$ 2,068
Uncollectible Accounts		
<u>Adj. 7</u>	Flow through for updated sales forecast	- \$ 143
Total Operating and Maintenance Expense Adjustment		\$ 2,211
Depreciation Expense		
<u>Adj. 8</u>	Update for LPP Contractor Unit Costs	(4)
<u>Adj. 9</u>	Update for Damage Prevention Contractor Unit Costs	11
<u>Adj. 10</u>	Updates to include projects to continue new gas supply connections	766 \$ 773
Federal Income Taxes		
<u>Adj. 11</u>	To adjust current Federal Income tax flow through	1,857 \$ 1,857
State Income Taxes		
<u>Adj. 12</u>	To adjust current State Income tax flow through	808 \$ 808
Total Income Tax Adjustments		\$ 2,665
Rate Base		
Net Utility Plant		
<u>Adj. 13</u>	Update for LPP Contractor Unit Costs	(495)
<u>Adj. 14</u>	Update for Damage Prevention Contractor Unit Costs	1,290
<u>Adj. 15</u>	Updates to include projects to continue new gas supply connections	53,485 \$ 54,280
Accumulated Deferred Income Taxes - Federal		
<u>Adj. 16</u>	To adjust ADFIT flow through related to adjustment to Net Utility Plant	(2,930) \$ (2,930)
Accumulated Deferred Income Taxes - State		
<u>Adj. 17</u>	To adjust ADSIT flow through related to adjustment to Net Utility Plant	(1,285.35) \$ (1,285)
Working Capital		
<u>Adj. 18</u>	Change in Supply Cash Allowance associated with updated sales forecast	457
<u>Adj. 19</u>	To adjust working capital to reflect O&M adjustments	259 \$ 716
Total Rate Base Adjustments		\$ 50,781

Keyspan Gas East Corporation d/b/a National Grid

PSC Case No. 19-G-0310

Third Supplemental

Company Third Supplemental Adjustments for the Rate Year Ending March 31, 2021

(\$000's)

	Company Third Supplemental Amount	
Operating Revenues		
<u>Adj. 1</u>	To reflect updated Sales forecast - DPS-1061	(322)
<u>Adj. 2</u>	To reflect updated Sales forecast - EE Order	(211)
		<u>\$ (533)</u>
Purchased Gas Costs		
<u>Adj. 3</u>	To reflect updated Purchased Gas Costs - EE Order	(250)
		<u>\$ (250)</u>
Revenue Taxes		
<u>Adj. 4</u>	To increase Revenue Taxes associated with Company's updated sales forecast - DPS-1061	(321)
<u>Adj. 5</u>	To increase Revenue Taxes associated with Company's updated sales forecast - EE Order	(3)
		<u>\$ (324)</u>
Operating and Maintenance Expenses		
Other Initiatives		
<u>Adj. 6</u>	Updated for 2020 EE Order - EM&V	(474)
<u>Adj. 7</u>	Updated for 2020 EE Order - Empower	(2,500)
<u>Adj. 8</u>	Updated for 2020 EE Order - Incremental FTE's	258
		<u>\$ (2,716)</u>
Energy Efficiency		
<u>Adj. 9</u>	Updated for 2020 EE Order	1,232
		<u>\$ 1,232</u>
Uncollectible Accounts		
<u>Adj. 10</u>	Flow through for updated sales forecast - DPS-1061	(1)
<u>Adj. 11</u>	Flow through for updated sales forecast - EE Order	5
		<u>\$ 4</u>
	Total Operating and Maintenance Expense Adjustment	<u>\$ (1,481)</u>
Federal Income Taxes		
<u>Adj. 12</u>	To adjust current Federal Income tax flow through	232
		<u>\$ 232</u>
State Income Taxes		
<u>Adj. 13</u>	To adjust current State Income tax flow through	102
		<u>\$ 102</u>
	Total Income Tax Adjustments	<u>\$ 334</u>
Rate Base		
Working Capital		
<u>Adj. 14</u>	Change in Supply Cash Allowance associated with updated sales forecast	(13)
<u>Adj. 15</u>	To adjust working capital to reflect O&M adjustments	(185)
		<u>\$ (198)</u>
	Total Rate Base Adjustments	<u>\$ (198)</u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Final Settlement
Final Settlement Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

		Final Settlement Amount	
		<hr/>	
Operating Revenues			
<u>Adj. 14</u>	To update sales forecast for COVID impact	Offer 2	(15,799)
	To correct sales forecast	Offer 4	(288)
			<hr/> <u>\$ (16,087)</u>
Purchased Gas Costs			
<u>Adj. 15</u>	To update sales forecast for COVID impact	Offer 2	(4,530)
			<hr/> <u>\$ (4,530)</u>
Revenue Taxes			
<u>Adj. 16</u>	To update sales forecast for COVID impact	Offer 2	(294)
	To correct sales forecast	Offer 4	(15)
			<hr/> <u>\$ (309)</u>
Operating and Maintenance Expenses			
<u>Adj. 1</u> Consultants			
a	To adjust Consultants to for management audit update	Offer 1	(29)
b	To adjust Consultants to remove charges from Alix Partners - accept 25%	Offer 1	(179)
b	To adjust Consultants to remove charges from Alix Partners - accept remaining	Offer 3	(357)
			<hr/> <u>\$ (565)</u>
<u>Adj. 2</u> Service Company Rents			
a	To adjust Service Company Rents to reflect forecasted budget, ROE	Offer 1	(12,760)
b	Correct Company calculation	Offer 2	1,327
			<hr/> <u>\$ (11,433)</u>
<u>Adj. 3</u> Other Initiatives			
a	To adjust Gas Safety programs	Offer 1	(6,353)
b	To adjust capital related O&M and Other	Offer 1	(1,675)
c	To adjust Future of Heat Programs	Offer 1	(3,213)
d	Empower Program	Offer 1	2,500
e	Reduce D&R consistent with LPP mileage reduction	Offer 2	(447)
f	Remove 3 FTE's support capital	Offer 2	(18)
g	Adjust RNG non-labor (55k per year)	Offer 2	55
h	Reduce IT Opex	Offer 2	(1,778)
i	Mgmt Increase to 1.9% in FY2021	Offer 2	(17)
j	Change in labor OH's due to labor change	Offer 2	3
k	Remove EE FTE's (leaves 5 over 3 years)	Offer 2	(290)
l	Station Integrity Testg for reduction in capex (50% RY1)	Offer 2	(129)
m	Push IMP/IVP FTE out to RY2	Offer 3	(9)
n	Trans Station Integrity non-labor RY1 - add back 25% error	Offer 3	129
o	Pipeline Safety Damage Prevention Markout- Reflect Adjustment in DPS-1067	Offer 3	168
p	Pipeline Safety Damage Prevention Markout- RY1 50%, RY2 90%, RY3 100%	Offer 3	(1,053)
q	Adjust IT to staff's amount	Offer 3	(9)
r	Add non-labor for 3 damage prevention gas supervisors	Offer 3	32
t	Remove Shared Services Prepaid/Credit/Debit card Program	Offer 5	(625)
u	Enhanced Contractor Inspection	Offer 5	(32)
s	To adjust IT RTB	Offer 1	(4,379)
			<hr/> <u>\$ (17,139)</u>
<u>Adj. 4</u> Site Investigation and Remediation			
	To reduce SIR Expense to reflect a projected average of MGP Costs for FY21-FY24	Offer 1	(1,733)
			<hr/> <u>\$ (1,733)</u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Final Settlement
Final Settlement Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

		Final Settlement Amount	
		<u> </u>	
<u>Adj. 5</u>	Savings		
a	To adjust savings, reducing the cost to achieve	Offer 1	(132)
b	To adjust savings to reflect 25% Level 3 savings in the Rate Year	Offer 1	(805)
			<u>\$ (937)</u>
<u>Adj. 17</u>	Labor		
a	Accept vacancy adjustment	Offer 3	(394)
b	Reflect change in management wage increase	Offer 2	(353)
c	Adjust rounding in model	Offer 4	(3)
			<u>\$ (750)</u>
<u>Adj. 18</u>	Transportation		
	Adjust to staff position - lease forecast	Offer 2	(279)
			<u>\$ (279)</u>
<u>Adj. 19</u>	Productivity		
	Flow through for labor adjustment	Offer 2/3	14
			<u>\$ 14</u>
<u>Adj. 20</u>	Uncollectible		
a	To adjust rate to May 2019 amounts	Offer 2	(309)
b	Flow through from revenue change	Offer 2	(96)
			<u>\$ (405)</u>
<u>Adj. 21</u>	Economic Development		
	Adjust to Staff Position	Offer 2/3	2,250
			<u>\$ 2,250</u>
<u>Adj. 21</u>	Low Income Discount		
a	Correct amount	Offer 3	(34)
b	Adjust to latest budget	Offer 2	1,240
			<u>\$ 1,206</u>
Total Operating and Maintenance Expense Adjustment			<u>\$ (29,771)</u>
<u>Adj. 6</u>	Amortization of Regulatory Deferrals		
a	To amortize Gas Safety NRAs deferral accounts to offset the costs of specific Gas Safety program	Offer 1/2	-
b	To agree Staff's Economic Development Amortization	Offer 2	(2,250)
c	Agree to Amortization of ETIPS	Offer 2	(2,050)
			<u>\$ (4,300)</u>
<u>Adj. 7</u>	Depreciation Expense		
a	To adjust Depreciation Expense to reflect plant forecast	Offer 1	(17)
b	To adjust Depreciation Expense to reflect plant forecast	Offer 2	(10)
c	To adjust Depreciation Expense to update Depreciation Rates	Offer 2	(7,439)
d	To adjust Depreciation Expense to reflect plant forecast	Offer 3	(184)
d	To adjust Depreciation Expense to reflect plant forecast	Offer 4	3
			<u>\$ (7,648)</u>
<u>Adj. 8</u>	Federal Income Taxes		
a	To adjust Excess ADIT amortization to 10 years	Offer 2	(5,265)
b	To adjust current Federal Income tax flow through	Offer 1/2	6,086
			<u>\$ 821</u>
<u>Adj. 9</u>	State Income Taxes		
	To adjust current State Income tax flow through	Offer 1/2	2,718
			<u>\$ 2,718</u>
Total Income Tax Adjustments			<u>\$ 3,539</u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Final Settlement
Final Settlement Adjustments for the Rate Year Ending March 31, 2021
(\$000's)

		<u>Final Settlement</u>	
		<u>Amount</u>	
<u>Rate Base</u>			
<u>Adj. 10</u>	<u>Net Utility Plant</u>		
a	To adjust Net Utility Plant for forecast	Offer 1	(8,403)
b	To adjust Net Utility Plant for LPP Depreciation Rates	Offer 2	3,720
c	To adjust Plant forecast	Offer 2	(1,873)
d	To adjust Plant forecast	Offer 3	(8,420)
e	To adjust Plant forecast	Offer 4	(1,707)
			<u>\$ (16,682)</u>
<u>Adj. 11</u>	<u>Accumulated Deferred Income Taxes - Federal</u>		
	To adjust ADFIT flow through related to Net Utility Plant & Excess ADIT	Offer 1	573
	To adjust ADFIT for Excess ADIT Amortization to 10 years	Offer 2	2,710
	To adjust ADFIT for plant flow through	Offer 2/3/4	169
			<u>\$ 3,452</u>
<u>Adj. 12</u>	<u>Accumulated Deferred Income Taxes - State</u>		
	To adjust ADSIT flow through related to Net Utility Plant & Excess ADIT	Offer 1	217
	To adjust ADSIT flow through related to Net Utility Plant & Excess ADIT	Offer 2/3/4	82
			<u>\$ 299</u>
<u>Adj. 13</u>	<u>Working Capital</u>		
	To adjust working capital to reflect O&M adjustments	Offer 1/2/3/4/5	(3,671)
			<u>\$ (3,671)</u>
<u>Adj. 23</u>	<u>Change in Supply Cash Allowance</u>		
	Flow through to purchased gas	Offer 2	(232)
			<u>\$ (232)</u>
Total Rate Base Adjustments			<u><u>\$ (16,835)</u></u>
<u>Adj. 7</u>	<u>Taxes Other Than Revenue & Income Taxes</u>		
<u>Payroll Taxes</u>			
a	To adjust Payroll Taxes to Reflect Staff's Labor Forecast	Offer 2/3/4	(42)
			<u>\$ (42)</u>
<u>Property Tax</u>			
b	Agree to staff methodology	Offer 3	(1,247)
			<u>\$ (1,247)</u>
Total Taxes Other Than Revenue & Income Taxes Adjustments			<u><u>\$ (1,288)</u></u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Taxes Other Than Income Taxes
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	Rate Year As Adjusted By Staff	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Taxes Other Than Revenue and Income Taxes								
Real Estate Taxes								
Real Property	\$ 181,880	\$ (2,326)	\$ 179,554	\$ 2,326	\$ -	\$ -	\$ (1,247)	\$ 180,634
Special Franchise	-	-	-	-	-	-	-	-
Total Real Estate Taxes	<u>181,880</u>	<u>(2,326)</u>	<u>179,554</u>	<u>2,326</u>	<u>-</u>	<u>-</u>	<u>(1,247)</u>	<u>180,634</u>
Payroll Taxes	5,812	(227)	5,585	227	-	-	(42)	5,770
Other	720	-	720	-	-	-	-	720
Total Taxes Other Than Revenue and Income Taxes	<u>\$ 188,412</u>	<u>\$ (2,553)</u>	<u>\$ 185,859</u>	<u>\$ 2,553</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (1,288)</u>	<u>\$ 187,124</u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Summary of Depreciation and Amortization Expense
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Depreciation Expense (acct 403)	\$ 107,783	\$ (12,304)	\$ 95,479	\$ 11,644	\$ 773	\$ -	\$ (7,648)	\$ 100,248
Amortization Expense (acct 404-405)	-	-	-	-	-	-	-	-
Accretion Expense (acct 411.10)	-	-	-	-	-	-	-	-
(Gain) Loss on Disposition of Utility Plant (acct 411.7)	-	-	-	-	-	-	-	-
Total Depreciation & Amortization Expense	\$ 107,783	\$ (12,304)	\$ 95,479	\$ 11,644	\$ 773	\$ -	\$ (7,648)	\$ 100,248

Keyspan Gas East Corporation db/a National Grid
PSC Case No. 19-G-0310
Tax Deduction for Interest Expense
For the Rate Year Ending March 31, 2021
(\$000's)

	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending March 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Avg Rate Base Per Books	\$ 3,228,282	\$ (151,801)	\$ 3,076,481	\$ 92,772	\$ 50,781	\$ (198)	\$ (16,838)	\$ 3,202,999
Plus: Forecast of Avg Interest Bearing CWIP	-	-	-	-	-	-	-	-
Less: Rate Base moved to GAC	-	-	-	-	-	-	-	-
Less: Excess Earnings Adj (EBCAP) Rate Base	(40,778) 3,269,060	- (151,801)	(40,778) 3,117,259	- 92,772	- 50,781	- (198)	- (16,838)	(40,778.34) 3,243,778
Weighted Cost of LTD Debt	2.09%	0.00%	2.09%	0.00%	0.00%	0.00%	0.00%	2.09%
Weighted Cost of Cust Deposits	0.02%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.01%
subtotal weighted cost of debt	2.11%	0.00%	2.11%	0.00%	0.00%	0.00%	0.00%	2.10%
Total Income Tax Interest Deduction	\$ 68,977	\$ (3,203)	\$ 65,774	\$ 2,345	\$ -	\$ (0)	\$ (2,345)	\$ 68,119

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Working Capital - Cash Allowance
For the Rate Year Ending March 31, 2021
(\$000's)

Description	C&U Filing Rate Year Ending March 31, 2021	Staff Adjustments	As Adjusted by Staff Rate Year Ending December 31, 2021	Company Rebuttal Adjustments to Staff Amounts	Company Adjustments Second Supplemental	Company Adjustments Third Supplemental	Settlement Adjustments	Joint Proposal Rate Year Ending March 31, 2021
Total O&M Expense	\$ 287,077	\$ (33,995)	\$ 253,082	\$ 29,228	\$ 2,211	\$ (1,479)	\$ (29,773)	\$ 253,270
Remove major non-cash items included O&M expense :								
Bad Debt expense	(7,397)	797	(6,600)	(428)	(143)	(4)	405	(6,769)
Other (EE, 18A)	-	-	-	-	-	-	-	-
Subtotal	<u>(7,397)</u>	<u>797</u>	<u>(6,600)</u>	<u>(428)</u>	<u>(143)</u>	<u>(4)</u>	<u>405</u>	<u>(6,769)</u>
Add major cash items not included in O&M expense:								
Other	-	-	-	-	-	-	-	-
Subtotal	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Adjustments	(7,397)	797	(6,600)	(428)	(143)	(4)	405	(6,769)
Adjusted O&M Expense	\$ 279,680	\$ (33,198)	\$ 246,482	\$ 28,800	\$ 2,068	\$ (1,482)	\$ (29,368)	\$ 246,501
Departmental Cash Allowance - 1/8 (45 days)	\$ 34,960	\$ (4,150)	\$ 30,810	\$ 3,600	\$ 259	\$ (185)	\$ (3,671)	\$ 30,813
Supply Cost Cash Allowance (3.64% x HY Gas exp)	-	-	-	-	-	-	-	-

(note: The Supply Cost Allowance is being presented separately, therefore will be removed from the historic Excess Earnings Base Adjustment)

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Comparison of Average Historic Rate Base and Capitalization
For the Rate Year Ending March 31, 2021
(\$000's)

		TOTAL	Staff Adjustments	TOTAL	Settlement Adjustments	TOTAL
(A)	AVERAGE RATE BASE - PER BOOKS	\$ 2,456,561	\$ -	\$ 2,456,561	\$ -	\$ 2,456,561
(B)	ADD: Average interest-bearing CWIP	134,448	-	134,448	-	134,448
(C)	TOTAL EARNINGS BASE (A+B)	<u>2,591,009</u>	<u>-</u>	<u>2,591,009</u>	<u>-</u>	<u>2,591,009</u>
	Percent	<u>100.00%</u>				
(D)	AVERAGE CAPITALIZATION (CE excludes merger Goodwill, and may be adj for TCI if required)					
	Long Term Debt	1,200,000		1,200,000		1,200,000
	Notes Payable	-		-		-
	Gas Supplier Refunds	243		243		243
	Customer Deposits	14,814		14,814		14,814
	Preferred Stock	-		-		-
	Common Equity (excludes merger GW; incl TCI adj)	<u>1,263,345</u> ¹		<u>1,263,345</u>		<u>1,263,345</u>
	Avg. Allocated to Elec / Gas based on Earnings Base	2,478,402		2,478,402		2,478,402
(E)	Add dividends declared but unpaid representing the timing difference between declaration and payment	-	-	-	-	-
(F)	SUBTOTAL (D+E)	<u>2,478,402</u>	<u>-</u>	<u>2,478,402</u>	<u>-</u>	<u>2,478,402</u>
	LESS Average Investments in:					
	Detailed balance sheet accounts	(237,600)	-	(237,600)	-	(237,600)
	Accumulated Def Inc Tax Adjustment	59,333	-	59,333	-	59,333
	Goodwill	-	-	-	-	-
(G)	Total Deductions	<u>(178,267)</u>	<u>-</u>	<u>(178,267)</u>	<u>-</u>	<u>(178,267)</u>
(H)	Capitalization Dedicated to Public Service (F-G)	<u>2,656,669</u>		<u>2,656,669</u>		<u>2,656,669</u>
(J)	Excess Earnings Base (Total Earnings Base) less Average Capitalization Devoted to Service Current Customers) (C-H)	<u>\$ (65,660)</u>	<u>\$ -</u>	<u>\$ (65,660)</u>	<u>\$ -</u>	<u>\$ (65,660)</u>

¹ Goodwill related to the NM merger with National Grid is excluded from the equity component of capitalization, pursuant to section 6.1 of the approved Stipulation Agreement.

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Statement of Operating Income
For the Rate Year Ending March 31, 2022
(\$000's)

	Rate Year Ending March 31, 2021 with Base Revenue Requirement	Adjustments	Rate Year Ending March 31, 2022	Base Revenue Increase Required	Rate Year Ending March 31, 2022 with Base Revenue Requirement
<u>Operating Revenues</u>	\$ 1,136,570	\$ 37,770	\$ 1,174,341	\$ 28,910	\$ 1,203,251
<u>Deductions</u>					
Purchased Gas Costs	326,636	25,221	351,857		351,857
Revenue Taxes	11,503	122	11,625	286	11,911
Total Deductions	338,139	25,343	363,482	286	363,768
Gross Margin	798,431	12,428	810,858	28,624	839,482
Total Operation & Maintenance Expenses	253,129	14,815	267,944	175	268,119
Amortization of Regulatory Deferrals	9,868	-	9,868	-	9,868
Depreciation, Amort. & Loss on Disposition	100,248	2,310	102,558	-	102,558
Taxes Other Than Revenue & Income Taxes	187,124	7,463	194,587	-	194,587
Total Operating Revenue Deductions	550,370	24,588	574,958	175	575,133
<u>Operating Income Before Income Taxes</u>	248,061	(12,161)	235,900	28,449	264,349
<u>Income Taxes</u>					
Federal Income Taxes	28,559	(2,775)	25,784	5,474	31,258
State Income Taxes	14,495	(1,209)	13,286	2,384	15,670
Total Income Taxes	43,055	(3,984)	39,071	7,858	46,929
<u>Operating Income After Income Taxes</u>	\$ 205,007	\$ (8,177)	\$ 196,830	\$ 20,591	\$ 217,421
<u>Rate Base</u>	\$ 3,243,777	\$ 240,531	\$ 3,484,308		\$ 3,484,308
<u>Rate of Return</u>	6.32%		5.65%		6.24%

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Summary of O&M Expenses
For the Rate Year Ending March 31, 2022
(\$000's)

	Company Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Operation & Maintenance Expenses:			
Departmental Items:			
Consultants	\$ 7,300	\$ 151	\$ 7,452
Contractors	32,961	690	33,651
Donations	-	-	-
Employee Expenses	3,016	63	3,079
Hardware	203	4	207
Software	3,816	80	3,896
Other	683	14	698
Rents	4,401	64	4,465
Service Company Rents	20,852	6,263	27,115
Construction Reimbursement	(69)	(1)	(70)
FAS 106	(4,924)	(361)	(5,285)
FAS 112	153	3	156
Health Care	10,398	218	10,615
Group Life Insurance	662	14	676
Other Benefits	525	11	536
Pension	5,302	(1,048)	4,254
Thrift Plan	3,535	74	3,609
Workers Comp	877	18	896
Materials Outside Vendor	2,323	49	2,371
Materials From Inventory	2,175	46	2,220
Materials Stores Handling	193	4	197
Postage	3,740	78	3,818
Total Labor	86,291	2,136	88,427
Transportation	4,469	(24)	4,445
Energy Efficiency Program	10,881	5,428	16,309
Injuries & Damages	4,949	104	5,053
Other Initiatives	26,586	2,020	28,606
Productivity Adjustment	(2,006)	(949)	(2,955)
Rate Case Expense	241	-	241
Regulatory Assessment Fees	4,393	94	4,487
Uncollectible Accounts	6,630	263	6,894
Site Investigation & Remediation Expenses	4,896	0	4,897
Joint Facilities	-	-	-
Savings	(7,262)	(805)	(8,067)
Legal	727	15	742
Accounting	1,510	32	1,541
Economic Development Program	2,750	-	2,750
Low Income Program	6,750	-	6,750
Incentive Program	-	-	-
Paving	3,201	67	3,268
TOTAL	\$ 253,129	\$ 14,815	\$ 267,944

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Federal Income Taxes
For the Rate Year Ending March 31, 2022
(Whole Dollars)

	Federal						Net FIT Before Rev Req
	Federal Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals		
NET INCOME BEFORE FEDERAL & STATE INCOME TAXES	\$ 235,900,463	\$ -	\$ 235,900,463	\$ 49,539,000	\$ -	\$ -	\$ 49,539,000
Interest	(70,383,024)		(70,383,024)	(14,780,000)			(14,780,000)
New York State Income Taxes	(13,286,328)		(13,286,328)	(2,790,000)			(2,790,000)
Flow-through Cost of Removal (through AFUDC)	(2,437,167)		(2,437,167)	(512,000)			(512,000)
Flow-through Depreciation	286,787		286,787	60,000			60,000
Flow-through Unamortized Debt	-		-	-			-
Flow-through Bond Redemption	-		-	-			-
Meals and Entertainment	90,000		90,000	19,000			19,000
GAIN ON REDEMPTION BONDS	-		-	-			-
Other -2	-		-	-			-
Other -3	-		-	-			-
Tax Only Item - Rate Change	-		-	-			-
Tax Only Item - State Year 2000	-		-	-			-
Tax Only Item - 3	-		-	-			-
Excess ADIT Amortization	-		-	-			-
TOTAL FIT EXPENSE	\$ 150,170,731	\$ -	\$ 150,170,731	\$ 31,536,000	\$ -	\$ -	\$ 25,784,191
Federal Tax Rate	21.00%						

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
State Income Taxes
For the Rate Year Ending March 31, 2022
(Whole Dollars)

	State						Net SIT Before Rev Req
	State Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals		
NET INCOME BEFORE FEDERAL & STATE INCOME TAXES	\$ 235,900,463	\$ -	\$ 235,900,463	\$ 19,768,000	\$ -	\$ -	\$ 19,768,000
Interest	(70,383,024)		(70,383,024)	(5,898,000)			(5,898,000)
Flow-through Cost of Removal (through AFUDC)	(2,437,167)		(2,437,167)	(204,000)			(204,000)
Flow-through Depreciation	286,787		286,787	24,000			24,000
Flow-through Unamortized Debt	-		-	-			-
Flow-through Bond Redemption	-		-	-			-
Meals and Entertainment	90,000		90,000	8,000			8,000
GAIN ON REDEMPTION BONDS	-		-	-			-
Other -2	-		-	-			-
Other -3	-		-	-			-
Tax Only Item - Rate Change	-		-	-			-
Tax Only Item - State Year 2000	-		-	-			-
Tax Only Item - 3	-		-	-			-
Excess ADIT Amortization	-		-	-			-
TOTAL SIT EXPENSE	\$ 163,457,060	\$ -	\$ 163,457,060	\$ 13,698,000	\$ (411,672)	\$ (411,672)	\$ 13,286,328
NY State Tax Rate	8.38%						

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Summary of Rate Base
 For the Rate Year Ending March 31, 2022
 (\$000's)

	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Net Utility Plant	\$ 3,982,007	\$ 256,398	\$ 4,238,405
Regulatory Assets / Liabilities	8,257	(582)	7,675
Accumulated Deferred Income Taxes - Federal	(763,895)	(7,891)	(771,786)
Accumulated Deferred Income Taxes - State	(126,838)	(11,692)	(138,530)
Working Capital			
Materials and supplies	54,604	1,143	55,747
Prepayments	2,216	46	2,262
O&M Cash Allowance (1/8 O&M exp)	30,813	1,819	32,632
Supply Cash Allowance (Dec 18 lead/lag study)	24,882	-	24,882
Change in Supply Cash Allowance (5.11 % x RY PP exp)	(9,043)	1,290	(7,753)
subtotal Working Capital	103,472	4,298	107,769
subtotal avg. before EBCAP adj.	3,203,003	240,531	3,443,533
Excess Earnings Base adjustment	40,775	-	40,775
Total Rate Base	\$ 3,243,778	\$ 240,531	\$ 3,484,308

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Capital Structure
For the Rate Year Ending March 31, 2022

Company's Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 1,792,889	51.46%	3.92%	2.02%	2.02%
Customer Deposits	18,951	0.54%	0.90%	0.00%	0.00%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	1,672,468	48.00%	8.80%	4.22%	5.83%
Total	\$ 3,484,308	100.00%		6.24%	7.85%

OTHER REVENUE REQUIREMENT INPUTS

Forecast Rate Year Rates to apply to Rev Req	
Bad Debt % for Rev Req	0.61%
GRT rate for Rev Req	0.99%
Federal Income Tax rate	21.00%
NYS Income Tax rate	8.38%
Historic Year EBCAP	72.3798%
General Inflation (from 4/1/2021 to 3/31/2022)	\$ (65,660)
	2.0929%

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2022
(\$000's)

		<u>Amount</u>	
<u>Adj. 1</u>	<u>Operating Revenues</u>		
	To reflect FY22 sales forecast	37,770	<u>\$ 37,770</u>
<u>Adj. 2</u>	<u>Purchased Power Costs</u>		
	To reflect FY22 sales forecast	25,221	<u>\$ 25,221</u>
<u>Adj. 3</u>	<u>Revenue Taxes</u>		
	To reflect FY22 sales forecast	122	<u>\$ 122</u>
<u>Adj. 4</u>	<u>Operating and Maintenance Expenses</u>		
(a)	<u>Various Expenses</u>		
	To reflect increase in expense due to inflation	1,734	<u>\$ 1,734</u>
(b)	<u>Rents</u>		
	To reflect specific FY22 forecast and general inflation	64	<u>\$ 64</u>
(c)	<u>Service Company Rents</u>		
	To reflect FY22 forecast	6,263	<u>\$ 6,263</u>
(d)	<u>FAS 106</u>		
	To reflect forecast per actuarial report	(361)	<u>\$ (361)</u>
(e)	<u>Pension</u>		
	To reflect forecast per actuarial report	(1,048)	<u>\$ (1,048)</u>
(f)	<u>Labor Expense</u>		
	To reflect increase in salaries and wages by labor inflation factor	2,136	<u>\$ 2,136</u>
(g)	<u>Transportation</u>		
	To reflect specific FY22 forecast and general inflation	(24)	<u>\$ (24)</u>
(h)	<u>Energy Efficiency</u>		
	To reflect FY22 forecast	5,428	<u>\$ 5,428</u>
(i)	<u>Other Initiatives</u>		
	To reflect FY22 forecast and general inflation	2,020	<u>\$ 2,020</u>
(j)	<u>Productivity</u>		
	Flow through adjustment related to labor adjustment	(949)	<u>\$ (949)</u>
(k)	<u>Regulatory Assessment Fees</u>		
	To reflect specific FY22 forecast and general inflation	94	<u>\$ 94</u>
(l)	<u>Uncollectibles</u>		
	To reflect increase associated with change in revenue	263	<u>\$ 263</u>
(m)	<u>Economic Development Fund</u>		
	To reflect FY22 forecast	-	<u>\$ -</u>
(n)	<u>Savings</u>		
	To reflect FY22 forecast	(805)	<u>\$ (805)</u>
Total Operating & Maintenance Expense Adjustments			<u><u>\$ 14,815</u></u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2022
(\$000's)

		<u>Amount</u>	
<u>Adj. 5</u>	<u>Amortization of Regulatory Deferrals</u>		
	To adjust Gas Safety NRAs amortization for FY22 forecast	-	\$ -
<u>Adj. 6</u>	<u>Depreciation Expense</u>		
	To reflect FY22 forecast associated with Net Utility Plant	2,310	\$ 2,310
<u>Adj. 7</u>	<u>Taxes Other Than Revenue & Income Taxes</u>		
(a)	Real Estate Taxes		
	To reflect FY22 forecast	8,003	\$ 8,003
(b)	Payroll Taxes		
	Flow through adjustment related to labor adjustment	85	\$ 85
(c)	Other Taxes		
(1)	To adjust forecasted capital tax	(639)	
(2)	To reflect FY22 inflation	15	\$ (624)
	Total Taxes Other Than Revenue & Income Taxes		\$ 8,087
<u>Adj. 8</u>	<u>Federal Income Taxes</u>		
	Flow through calculation	(2,775)	\$ (2,775)
<u>Adj. 9</u>	<u>State Income Taxes</u>		
	Flow through calculation	(1,209)	\$ (1,209)
	Total Income Tax Adjustments		\$ (3,984)
<u>Adj. 10</u>	<u>Rate Base</u>		
(a)	Net Utility Plant		
	To reflect FY22 plant forecast	256,398	\$ 256,398
(b)	Regulatory Assets / Liabilities		
	To reflect FY22 forecast	(582)	\$ (582)
(c)	Accumulated Deferred Income Taxes - Federal		
	To reflect FY22 forecast increase (includes flow through)	(7,891)	\$ (7,891)
(d)	Accumulated Deferred Income Taxes - State		
	To reflect FY22 forecast increase (includes flow through)	(11,692)	\$ (11,692)
(e)	Working Capital		
(1)	To reflect increase in Materials due to inflation	1,143	
(2)	To reflect increase in Prepayments due to inflation	46	
(3)	To reflect increase in O&M Cash Allowance based on changes in expense levels	1,819	
(4)	To reflect change in City/State Construction Accounts Receivable	-	
(5)	To reflect increase in Supply Cash Allowance	1,290	\$ 4,298
	Total Rate Base Adjustments		\$ 240,531

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Taxes Other Than Income Taxes
 For the Rate Year Ending March 31, 2022
 (\$000's)

Taxes Other Than Revenue and Income Taxes	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Real Estate Taxes			
Real Property	\$ 180,634	\$ 8,003	\$ 188,636
Special Franchise	-	-	-
Total Real Estate Taxes	180,634	8,003	188,636
Payroll Taxes	5,770	85	5,855
Other	720	(624)	96
Total Taxes Other Than Revenue and Income Taxes	\$ 187,124	\$ 7,463	\$ 194,587

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Summary of Depreciation and Amortization Expense
 For the Rate Year Ending March 31, 2022
 (\$000's)

	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Depreciation Expense (acct 403)	\$ 100,248	\$ 2,310	\$ 102,558
Amortization Expense (acct 404-405)	-	-	-
Accretion Expense (acct 411.10)	-	-	-
(Gain) Loss on Disposition of Utility Plant (acct 411.7)	-	-	-
Total Depreciation & Amortization Expense	\$ 100,248	\$ 2,310	\$ 102,558

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Tax Deduction for Interest Expense
 For the Rate Year Ending March 31, 2022
 (\$000's)

	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Avg Rate Base Per Books	\$ 3,203,003	\$ 240,531	\$ 3,443,533
Plus: Forecast of Avg Interest Bearing CWIP	-	-	-
Less: Rate Base moved to GAC	-	-	-
Less: Excess Earnings Adj (EBCAP)	(40,775)	-	(40,775)
Rate Base	3,243,778	240,531	3,484,308
Weighted Cost of LTD Debt	2.09%	-0.07%	2.02%
Weighted Cost of Cust Deposits	0.01%	0.00%	0.00%
subtotal weighted cost of debt	2.10%	-0.07%	2.02%
Total Income Tax Interest Deduction	\$ 68,119	\$ (168)	\$ 70,383

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Working Capital - Cash Allowance
For the Rate Year Ending March 31, 2022
(\$000's)

Description	Rate Year Ending March 31, 2021	Adjustments	Rate Year Ending March 31, 2022
Total O&M Expense	\$ 253,270	\$ 14,676	\$ 267,945
Remove major non-cash items included O&M expense :			
Bad Debt expense	(6,769)	(124)	(6,894)
Other (EE, 18A)	-	-	-
Subtotal	(6,769)	(124)	(6,894)
Add major cash items not included in O&M expense:			
Other	-	-	-
Subtotal	-	-	-
Total Adjustments	(6,769)	(124)	(6,894)
Adjusted O&M Expense	\$ 246,501	\$ 14,551	\$ 261,052
Departmental Cash Allowance - 1/8 (45 days)	\$ 30,813	\$ 1,819	\$ 32,631
Supply Cost Cash Allowance (3.64% x HY Gas exp)	-	-	-

(note: The Supply Cost Allowance is being presented separately, therefore will be removed from the historic Excess Earnings Base Adjustment)

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Comparison of Average Historic Rate Base and Capitalization
For the Rate Year Ending March 31, 2022
(\$000's)

	TOTAL	Staff Adjustments	TOTAL	Settlement Adjustments	TOTAL
	\$	\$	\$	\$	\$
(A)	AVERAGE RATE BASE - PER BOOKS	2,456,561	-	2,456,561	-
(B)	ADD: Average interest-bearing CWIP	134,448	-	134,448	-
(C)	TOTAL EARNINGS BASE (A+B)	<u>2,591,009</u>	<u>-</u>	<u>2,591,009</u>	<u>-</u>
	Percent	100.00%			
(D)	AVERAGE CAPITALIZATION (CE excludes merger Goodwill, and may be adj for TCI if required)				
	Long Term Debt	1,200,000		1,200,000	1,200,000
	Notes Payable	-		-	-
	Gas Supplier Refunds	243		243	243
	Customer Deposits	14,814		14,814	14,814
	Preferred Stock	-		-	-
	Common Equity (excludes merger GW; incl TCI adj)	<u>1,263,345</u> ¹		<u>1,263,345</u>	<u>1,263,345</u>
	Avg. Allocated to Elec / Gas based on Earnings Base	2,478,402		2,478,402	2,478,402
(E)	Add dividends declared but unpaid representing the timing difference between declaration and payment	-	-	-	-
(F)	SUBTOTAL (D+E)	<u>2,478,402</u>	<u>-</u>	<u>2,478,402</u>	<u>-</u>
	LESS Average Investments in:				
	Detailed balance sheet accounts	(237,600)	-	(237,600)	-
	Accumulated Def Inc Tax Adjustment	59,333	-	59,333	-
	Goodwill	-	-	-	-
(G)	Total Deductions	<u>(178,267)</u>	<u>-</u>	<u>(178,267)</u>	<u>-</u>
(H)	Capitalization Dedicated to Public Service (F-G)	<u>2,656,669</u>		<u>2,656,669</u>	<u>2,656,669</u>
(J)	Excess Earnings Base (Total Earnings Base) less Average Capitalization Devoted to Service Current Customers) (C-H)	<u>\$ (65,660)</u>	<u>\$ -</u>	<u>\$ (65,660)</u>	<u>\$ -</u>

¹ Goodwill related to the NM merger with National Grid is excluded from the equity component of capitalization, pursuant to section 6.1 of the approved Stipulation Agreement.

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Statement of Operating Income
For the Rate Year Ending March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2022 with Base Revenue Requirement	Adjustments	Rate Year Ending March 31, 2023	Base Revenue Increase Required	Rate Year Ending March 31, 2023 with Base Revenue Requirement
<u>Operating Revenues</u>	\$ 1,203,251	\$ 53,110	\$ 1,256,361	\$ 26,181	\$ 1,282,542
<u>Deductions</u>					
Purchased Gas Costs	351,857	24,068	375,926		375,926
Revenue Taxes	11,911	391	12,302	256	12,558
Total Deductions	363,768	24,459	388,227	256	388,483
Gross Margin	839,482	28,651	868,134	25,925	894,059
Total Operation & Maintenance Expenses	268,119	6,096	274,215	159	274,374
Amortization of Regulatory Deferrals	9,868	-	9,868	-	9,868
Depreciation, Amort. & Loss on Disposition	102,558	14,176	116,734	-	116,734
Taxes Other Than Revenue & Income Taxes	194,587	10,016	204,603	-	204,603
Total Operating Revenue Deductions	575,133	30,288	605,421	159	605,580
<u>Operating Income Before Income Taxes</u>	264,349	(1,637)	262,713	25,766	288,479
<u>Income Taxes</u>					
Federal Income Taxes	31,258	(1,347)	29,911	4,957	34,868
State Income Taxes	15,670	(586)	15,084	2,159	17,243
Total Income Taxes	46,929	(1,933)	44,996	7,116	52,112
<u>Operating Income After Income Taxes</u>	\$ 217,421	\$ 296	\$ 217,717	\$ 18,650	\$ 236,367
<u>Rate Base</u>	\$ 3,484,308	\$ 321,931	\$ 3,806,239	\$ 3,806,239	\$ 3,806,239
<u>Rate of Return</u>	6.24%		5.72%		6.21%

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Summary of O&M Expenses
For the Rate Year Ending March 31, 2023
(\$000's)

	Company Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Operation & Maintenance Expenses:			
Departmental Items:			
Consultants	\$ 7,452	\$ 150	\$ 7,602
Contractors	33,651	686	34,337
Donations	-	-	-
Employee Expenses	3,079	63	3,142
Hardware	207	4	211
Software	3,896	79	3,975
Other	698	14	712
Rents	4,465	67	4,533
Service Company Rents	27,115	139	27,253
Construction Reimbursement	(70)	(1)	(71)
FAS 106	(5,285)	(334)	(5,618)
FAS 112	156	3	159
Health Care	10,615	216	10,832
Group Life Insurance	676	14	690
Other Benefits	536	11	547
Pension	4,254	(5,368)	(1,114)
Thrift Plan	3,609	74	3,682
Workers Comp	896	18	914
Materials Outside Vendor	2,371	48	2,420
Materials From Inventory	2,220	45	2,265
Materials Stores Handling	197	4	201
Postage	3,818	78	3,896
Total Labor	88,427	2,479	90,906
Transportation	4,445	152	4,597
Energy Efficiency Program	16,309	5,358	21,667
Injuries & Damages	5,053	103	5,156
Other Initiatives	28,606	2,431	31,037
Productivity Adjustment	(2,955)	(995)	(3,950)
Rate Case Expense	241	-	241
Regulatory Assessment Fees	4,487	93	4,580
Uncollectible Accounts	7,069	351	7,419
Site Investigation & Remediation Expenses	4,897	-	4,897
Joint Facilities	-	-	-
Savings	(8,067)	-	(8,067)
Legal	742	15	757
Accounting	1,541	31	1,573
Economic Development Program	2,750	-	2,750
Low Income Program	6,750	-	6,750
Incentive Program	-	-	-
Paving	3,268	67	3,335
TOTAL	\$ 268,119	\$ 6,096	\$ 274,215

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Federal Income Taxes
For the Rate Year Ending March 31, 2023
(Whole Dollars)

	Federal					Net FIT Before Rev Req
	Federal Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
	\$ 262,712,961	\$ -	\$ 262,712,961	\$ 55,170,000	\$ -	\$ 55,170,000
Interest	(75,744,167)		(75,744,167)	(15,906,000)		(15,906,000)
New York State Income Taxes	(15,084,328)		(15,084,328)	(3,168,000)		(3,168,000)
Flow-through Cost of Removal (through AFUDC)	(2,437,167)		(2,437,167)	(512,000)		(512,000)
Flow-through Depreciation	286,787		286,787	60,000		60,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	90,000		90,000	19,000		19,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other -3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-		-
Tax Only Item -3	-		-	-		-
Excess ADIT Amortization	-		-	-		-
TOTAL FIT EXPENSE	\$ 169,824,087	\$ -	\$ 169,824,087	\$ 35,663,000	\$ -	\$ 29,911,191
Federal Tax Rate	21.00%					

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
State Income Taxes
For the Rate Year Ending March 31, 2023
(Whole Dollars)

	State					Net SIT Before Rev Req
	State Taxable Income	Deferrable Basis	Book Taxable Income	@ the Statutory Rate	DSIT Reversals	
	\$ 262,712,961	\$ -	\$ 262,712,961	\$ 22,015,000	\$ -	\$ 22,015,000
Interest	(75,744,167)		(75,744,167)	(6,347,000)		(6,347,000)
Flow-through Cost of Removal (through AFUDC)	(2,437,167)		(2,437,167)	(204,000)		(204,000)
Flow-through Depreciation	286,787		286,787	24,000		24,000
Flow-through Unamortized Debt	-		-	-		-
Flow-through Bond Redemption	-		-	-		-
Meals and Entertainment	90,000		90,000	8,000		8,000
GAIN ON REDEMPTION BONDS	-		-	-		-
Other -2	-		-	-		-
Other -3	-		-	-		-
Tax Only Item - Rate Change	-		-	-		-
Tax Only Item - State Year 2000	-		-	-	(411,672)	(411,672)
Tax Only Item -3	-		-	-		-
Excess ADIT Amortization	-		-	-		-
TOTAL SIT EXPENSE	\$ 184,908,415	\$ -	\$ 184,908,415	\$ 15,496,000	\$ (411,672)	\$ 15,084,328
NY State Tax Rate	8.38%					

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Summary of Rate Base
 For the Rate Year Ending March 31, 2023
 (\$000's)

	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Net Utility Plant	\$ 4,238,405	\$ 354,186	\$ 4,592,591
Regulatory Assets / Liabilities	7,675	(577)	7,098
Accumulated Deferred Income Taxes - Federal	(771,786)	(20,646)	(792,432)
Accumulated Deferred Income Taxes - State	(138,530)	(14,161)	(152,691)
Working Capital			
Materials and supplies	55,747	1,136	56,883
Prepayments	2,262	46	2,308
O&M Cash Allowance (1/8 O&M exp)	32,632	717	33,349
Supply Cash Allowance (Dec 18 lead/lag study)	24,882	-	24,882
Change in Supply Cash Allowance (5.11 % x RY PP exp)	(7,753)	1,231	(6,523)
subtotal Working Capital	107,769	3,130	110,899
subtotal avg. before EBCAP adj.	3,443,533	321,931	3,765,465
Excess Earnings Base adjustment	40,775	-	40,775
Total Rate Base	\$ 3,484,308	\$ 321,931	\$ 3,806,240

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Capital Structure
For the Rate Year Ending March 31, 2023

Joint Proposal Capital Structure Forecast

	Total Annual Avg	Weighting Percent	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long Term Debt	\$ 1,964,019	51.60%	3.85%	1.99%	1.99%
Customer Deposits	15,225	0.40%	0.90%	0.00%	0.00%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Common Equity	1,826,995	48.00%	8.80%	4.22%	5.83%
Total	\$ 3,806,239	100.00%		6.21%	7.82%

OTHER REVENUE REQUIREMENT INPUTS

Forecast Rate Year Rates to apply to Rev Req	
Bad Debt % for Rev Req	0.61%
GRT rate for Rev Req	0.98%
Federal Income Tax rate	21.00%
NYS Income Tax rate	8.38%
Historic Year EBCAP	(65,660)
General Inflation (from 4/1/2022 to 3/31/2023)	2.0374%
	\$ 72.3798%

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2023
(\$000's)

		Amount	
Adj. 1	Operating Revenues To reflect FY23 sales forecast	53,110	\$ 53,110
Adj. 2	Purchased Power Costs To reflect FY23 sales forecast	24,068	\$ 24,068
Adj. 3	Revenue Taxes To reflect FY23 sales forecast	391	\$ 391
Adj. 4	Operating and Maintenance Expenses		
(a)	Various Expenses To reflect increase in expense due to inflation	1,722	\$ 1,722
(b)	Rents To reflect specific FY23 forecast and general inflation	67	\$ 67
(c)	Service Company Rents To reflect FY23 forecast	139	\$ 139
(e)	FAS 106 To reflect forecast per actuarial report	(334)	\$ (334)
(e)	Pension To reflect forecast per actuarial report	(5,368)	\$ (5,368)
(g)	Labor Expense To reflect increase in salaries and wages by labor inflation factor	2,479	\$ 2,479
(h)	Transportation To reflect specific FY23 forecast and general inflation	152	\$ 152
(i)	Energy Efficiency To reflect FY23 forecast	5,358	\$ 5,358
(j)	Other Initiatives To reflect FY23 forecast and general inflation	2,431	\$ 2,431
(k)	Productivity Flow through adjustment related to labor adjustment	(995)	\$ (995)
(l)	Regulatory Assessment Fees To reflect specific FY23 forecast and general inflation	93	\$ 93
(m)	Uncollectibles To reflect increase associated with change in revenue	351	\$ 351
(n)	Economic Development Fund To reflect FY23 forecast	-	\$ -
Total Operating & Maintenance Expense Adjustments			\$ 6,096

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Settlement
Company Settlement Adjustments for the Rate Year Ending March 31, 2023
(\$000's)

		<u>Amount</u>	
<u>Adj. 5</u>	<u>Amortization of Regulatory Deferrals</u>		
	To adjust Gas Safety NRAs amortization for FY23 forecast	-	\$ -
<u>Adj. 6</u>	<u>Depreciation Expense</u>		
	To reflect FY23 forecast associated with Net Utility Plant	14,176	\$ 14,176
<u>Adj. 7</u>	<u>Taxes Other Than Revenue & Income Taxes</u>		
(a)	Real Estate Taxes		
	To reflect FY23 forecast	9,918	\$ 9,918
(b)	Payroll Taxes		
	Flow through adjustment related to labor adjustment	96	\$ 96
(c)	Other Taxes		
(1)	To adjust forecasted capital tax	-	
(2)	To reflect FY23 inflation	2	\$ 2
	Total Taxes Other Than Revenue & Income Taxes		\$ 10,014
<u>Adj. 8</u>	<u>Federal Income Taxes</u>		
	Flow through calculation	(1,347)	\$ (1,347)
<u>Adj. 9</u>	<u>State Income Taxes</u>		
	Flow through calculation	(586)	\$ (586)
	Total Income Tax Adjustments		\$ (1,933)
<u>Adj. 10</u>	<u>Rate Base</u>		
(a)	Net Utility Plant		
	To reflect FY23 plant forecast	354,186	\$ 354,186
(b)	Regulatory Assets / Liabilities		
	To reflect FY23 forecast	(577)	\$ (577)
(c)	Accumulated Deferred Income Taxes - Federal		
	To reflect FY23 forecast increase (includes flow through)	(20,646)	\$ (20,646)
(d)	Accumulated Deferred Income Taxes - State		
	To reflect FY23 forecast increase (includes flow through)	(14,161)	\$ (14,161)
(e)	Working Capital		
(1)	To reflect increase in Materials due to inflation	1,136	
(2)	To reflect increase in Prepayments due to inflation	46	
(3)	To reflect increase in O&M Cash Allowance based on changes in expense levels	717	
(4)	To reflect change in City/State Construction Accounts Receivable	-	
(5)	To reflect increase in Supply Cash Allowance	1,231	\$ 3,130
	Total Rate Base Adjustments		\$ 321,931

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Taxes Other Than Income Taxes
 For the Rate Year Ending March 31, 2023
 (\$000's)

Taxes Other Than Revenue and Income Taxes	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Real Estate Taxes			
Real Property	\$ 188,636	\$ 9,918	\$ 198,554
Special Franchise	-	-	-
Total Real Estate Taxes	188,636	9,918	198,554
Payroll Taxes	5,855	96	5,952
Other	96	2	98
Total Taxes Other Than Revenue and Income Taxes	\$ 194,587	\$ 10,016	\$ 204,603

Keyspan Gas East Corporation d/b/a National Grid
 PSC Case No. 19-G-0310
 Summary of Depreciation and Amortization Expense
 For the Rate Year Ending March 31, 2023
 (\$000's)

	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Depreciation Expense (acct 403)	\$ 102,558	\$ 14,176	\$ 116,734
Amortization Expense (acct 404-405)	-	-	-
Accretion Expense (acct 411.10)	-	-	-
(Gain) Loss on Disposition of Utility Plant (acct 411.7)	-	-	-
Total Depreciation & Amortization Expense	\$ 102,558.16	\$ 14,176	\$ 116,734

Keyspan Gas East Corporation d/b/a National Grid

PSC Case No. 19-G-0310

Tax Deduction for Interest Expense

For the Rate Year Ending March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Avg Rate Base Per Books	\$ 3,443,533	\$ 321,931	\$ 3,765,465
Plus: Forecast of Avg Interest Bearing CWIP	-	-	-
Less: Rate Base moved to GAC	-	-	-
Less: Excess Earnings Adj (EBCAP)	(40,775)	-	(40,775)
Rate Base	<u>3,484,308</u>	<u>321,931</u>	<u>3,806,240</u>
Weighted Cost of LTD Debt	2.09%	-0.10%	1.99%
Weighted Cost of Cust Deposits	0.01%	0.00%	0.00%
subtotal weighted cost of debt	<u>2.10%</u>	<u>-0.10%</u>	<u>1.99%</u>
Total Income Tax Interest Deduction	<u>\$ 73,170</u>	<u>\$ (322)</u>	<u>\$ 75,744</u>

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Working Capital - Cash Allowance
For the Rate Year Ending March 31, 2023
(\$000's)

Description	Rate Year Ending March 31, 2022	Adjustments	Rate Year Ending March 31, 2023
Total O&M Expense	\$ 267,945	\$ 6,271	\$ 274,216
Remove major non-cash items included O&M expense :			
Bad Debt expense	(6,894)	(526)	(7,419)
Other (EE, 18A)	-	-	-
Subtotal	(6,894)	(526)	(7,419)
Add major cash items not included in O&M expense:			
Other	-	-	-
Subtotal	-	-	-
Total Adjustments	(6,894)	(526)	(7,419)
Adjusted O&M Expense	\$ 261,052	\$ 5,745	\$ 266,797
Departmental Cash Allowance - 1/8 (45 days)	\$ 32,631	\$ 718	\$ 33,350
Supply Cost Cash Allowance (3.64% x HY Gas exp)	-	-	-

(note: The Supply Cost Allowance is being presented separately, therefore will be removed from the historic Excess Earnings Base Adjustment)

Keyspan Gas East Corporation d/b/a National Grid
PSC Case No. 19-G-0310
Comparison of Average Historic Rate Base and Capitalization
For the Rate Year Ending March 31, 2023
(\$000's)

	TOTAL	Staff Adjustments	TOTAL	Settlement Adjustments	TOTAL
(A) AVERAGE RATE BASE - PER BOOKS	\$ 2,456,561	\$ -	\$ 2,456,561	\$ -	\$ 2,456,561
(B) ADD: Average interest-bearing CWIP	134,448	-	134,448	-	134,448
(C) TOTAL EARNINGS BASE (A+B)	<u>2,591,009</u>	<u>-</u>	<u>2,591,009</u>	<u>-</u>	<u>2,591,009</u>
Percent	100.00%				
(D) AVERAGE CAPITALIZATION (CE excludes merger Goodwill, and may be adj for TCI if required):					
Long Term Debt	1,200,000		1,200,000		1,200,000
Notes Payable	-		-		-
Gas Supplier Refunds	243		243		243
Customer Deposits	14,814		14,814		14,814
Preferred Stock	-		-		-
Common Equity (excludes merger GW; incl TCI adj)	<u>1,263,345</u> ¹		<u>1,263,345</u>		<u>1,263,345</u>
Avg. Allocated to Elec / Gas based on Earnings Base	2,478,402		2,478,402		2,478,402
(E) Add dividends declared but unpaid representing the timing difference between declaration and payment	-	-	-	-	-
(F) SUBTOTAL (D+E)	<u>2,478,402</u>	<u>-</u>	<u>2,478,402</u>	<u>-</u>	<u>2,478,402</u>
LESS Average Investments in:					
Detailed balance sheet accounts	(237,600)	-	(237,600)	-	(237,600)
Accumulated Def Inc Tax Adjustment	59,333	-	59,333	-	59,333
Goodwill	-	-	-	-	-
(G) Total Deductions	<u>(178,267)</u>	<u>-</u>	<u>(178,267)</u>	<u>-</u>	<u>(178,267)</u>
(H) Capitalization Dedicated to Public Service (F-G)	<u>2,656,669</u>		<u>2,656,669</u>		<u>2,656,669</u>
(J) Excess Earnings Base (Total Earnings Base) less Average Capitalization Devoted to Service Current Customers) (C-H)	<u>\$ (65,660)</u>		<u>\$ (65,660)</u>	<u>\$ -</u>	<u>\$ (65,660)</u>

¹ Goodwill related to the NM merger with National Grid is excluded from the equity component of capitalization, pursuant to section 6.1 of the approved Stipulation Agreement.

Keyspan Gas East Corporation d/b/a National Grid NY
Depreciation Rates
Effective 4/1/2020 *

ACCOUNT	ACCOUNT NAME	ASL	CURVE	NET SALVAGE %	COMBINED DEPRECIATION RATE	ASL DEPRECIATION RATE	NET SALVAGE DEPRECIATION RATE
<u>MANUFACTURED GAS PRODUCTION PLANT</u>							
305.00	STRUCTURES AND IMPROVEMENTS	30.0	H 1.0	0	3.33	3.33	0.00
311.00	LIQUEFIED PETROLEUM GAS EQUIPMENT	20.0	H 2.5	0	5.00	5.00	0.00
<u>LIQUEFIED PETROLEUM GAS EQUIPMENT</u>							
320.20	OTHER EQUIPMENT	25.0	H 1.0	0	4.00	4.00	0.00
320.30	OTHER EQUIPMENT-MISC.	25.0	H 1.0	0	4.00	4.00	0.00
<u>OTHER STORAGE PLANT-LNG</u>							
361.03	STRUCTURES AND IMPROVEMENTS	45.0	H 2.5	-7	2.38	2.22	0.16
362.05	GAS HOLDERS-HIGH PRESSURE	25.0	H 2.0	-275	15.00	4.00	11.00
362.07	GAS HOLDERS-LNG	25.0	H 2.0	0	4.00	4.00	0.00
363.00	PURIFICATION EQUIPMENT	25.0	H 1.5	0	4.00	4.00	0.00
363.01	LIQUEFACTION EQUIPMENT	24.0	H 2.5	0	4.17	4.17	0.00
363.02	VAPORIZING EQUIPMENT	30.0	H 2.5	-7	3.57	3.33	0.24
363.03	COMPRESSOR EQUIPMENT	30.0	H 1.5	0	3.33	3.33	0.00
363.04	MEASURING AND REGULATING EQUIPMENT	25.0	H 2.5	0	4.00	4.00	0.00
363.05	OTHER EQUIPMENT	25.0	H 1.5	-1	4.04	4.00	0.04
<u>TRANSMISSION PLANT</u>							
366.00	STRUCTURES AND IMPROVEMENTS	40.0	H 3.5	0	2.50	2.50	0.00
367.04	MAINS CAST IRON	50.0	H 3.5	0	2.00	2.00	0.00
367.09	MAINS-STEEL	80.0	H 2.5	0	1.25	1.25	0.00
368.00	COMPRESSOR STATION EQUIPMENT	25.0	H 1.0	0	4.00	4.00	0.00
369.00	MEASURING & REGULATING EQUIPMENT	45.0	H 2.5	0	2.22	2.22	0.00
<u>DISTRIBUTION PLANT</u>							
375.00	STRUCTURES & IMPROVEMENTS	40.0	H 2.0	0	2.50	2.50	0.00
376.09	STEEL	80.0	H 3.5	-1	1.26	1.25	0.01
376.10	CAST IRON	50.0	H 1.0	-14	2.28	2.00	0.28
376.18	PLASTIC	75.0	H 3.5	0	1.33	1.33	0.00
377.00	COMPRESSOR STATION EQUIPMENT	28.0	H 2.0	0	3.57	3.57	0.00
378.00	MEASURING & REGULATING EQUIPMENT	40.0	H 2.5	0	2.50	2.50	0.00
380.01	STEEL	60.0	H 2.0	0	1.67	1.67	0.00
380.03	COPPER	60.0	H 2.0	0	1.67	1.67	0.00
380.05	CAST IRON	60.0	H 2.0	0	1.67	1.67	0.00
380.06	PLASTIC	60.0	H 2.0	0	1.67	1.67	0.00
381.00	METERS	36.0	H 2.0	-10	3.06	2.78	0.28
382.02	METER INSTALLATIONS	43.0	H 2.5	-1	2.35	2.33	0.02
383.00	HOUSE REGULATORS	40.0	H 1.5	0	2.50	2.50	0.00
384.00	HOUSE REGULATORS INSTALLATIONS	52.0	H 1.0	0	1.92	1.92	0.00
<u>GENERAL PLANT</u>							
390.00	STRUCTURES & IMPROVEMENTS	35.0	H 1.5	-2	2.91	2.86	0.05
396.00	POWER OPERATED EQUIPMENT	15.0	H 2.0	0	6.67	6.67	0.00
<u>AMORTIZED PLANT</u>							
365.04	LAND RIGHTS	100.0	SQ	0	1.00	1.00	0.00
374.03	LAND RIGHTS	100.0	SQ	0	1.00	1.00	0.00
391.00	FURNITURE	26.0	SQ	0	3.85	3.85	0.00
391.04	MACHINES	15.0	SQ	0	6.67	6.67	0.00
391.08	EDP EQUIPMENT OTHER THAN LAPTOPS	8.0	SQ	-2	12.75	12.50	0.25
391.07	LAPTOP COMPUTERS	4.0	SQ	0	25.00	25.00	0.00
394.00	TOOLS, SHOP & GARAGE EQUIPMENT	32.0	SQ	0	3.13	3.13	0.00
395.00	LABORATORY EQUIPMENT	36.0	SQ	0	2.78	2.78	0.00
397.00	COMMUNICATION EQUIPMENT	15.0	SQ	0	6.67	6.67	0.00
397.55	COMMUNICATION EQUIPMENT-ERTS	15.0	SQ	0	6.67	6.67	0.00
398.00	MISCELLANEOUS EQUIPMENT	26.0	SQ	0	3.85	3.85	0.00
<u>AMORTIZED PLANT - LEAK PRONE PIPE (LPP) *</u>							
<u>Effective 4/1/2020 through 3/31/2022 *</u>							
367.04	MAINS CAST IRON - LPP	25.0	SQ	-295	15.82	4.00	11.82
367.09	MAINS - STEEL - LPP	25.0	SQ	-520	24.78	4.00	20.78
376.08	MAINS - STEEL - LPP	25.0	SQ	-520	24.78	4.00	20.78
376.10	MAINS - CAST IRON - LPP	25.0	SQ	-295	15.82	4.00	11.82
376.18	MAINS - PLASTIC - LPP	25.0	SQ	-37	5.46	4.00	1.46
380.01	SERVICES - STEEL - LPP	25.0	SQ	-179	11.14	4.00	7.14
380.06	SERVICES - PLASTIC - LPP	25.0	SQ	-37	5.46	4.00	1.46
380.03	SERVICES - COPPER -LPP	25.0	SQ	-27	5.09	4.00	1.09
<u>Effective 4/1/2022 *</u>							
367.04	MAINS CAST IRON - LPP	20.0	SQ	-261	18.04	5.00	13.04
367.09	MAINS - STEEL - LPP	20.0	SQ	-601	35.05	5.00	30.05
376.08	MAINS - STEEL - LPP	20.0	SQ	-601	35.05	5.00	30.05
376.10	MAINS - CAST IRON - LPP	20.0	SQ	-261	18.04	5.00	13.04
376.18	MAINS - PLASTIC - LPP	20.0	SQ	-38	6.90	5.00	1.90
380.01	SERVICES - STEEL - LPP	20.0	SQ	-241	17.06	5.00	12.06
380.06	SERVICES - PLASTIC - LPP	20.0	SQ	-38	6.90	5.00	1.90
380.03	SERVICES - COPPER -LPP	20.0	SQ	-31	6.54	5.00	1.54

* Leak Prone Pipe accounts' depreciation rates effective 4/1/2020 through 3/31/2022 for Rate Years 1 and 2, and will change 4/1/2022 for Rate Year 3 and on, as reflected above.

Keyspan Gas East Corporation d/b/a National Grid
Rate Levelization and Deferral Offsets/Amortizations
(\$000's)

	<u>RY1</u>	<u>RY2</u>	<u>RY3</u>	<u>Cumulative</u>
1 Delivery Revenues	821,038.95	810,858.48	868,133.65	
2 Commodity	326,636.40	351,857.33	375,925.62	
3 GRT on KEDLI Revenue	11,734.00	11,625.03	12,301.88	
4 Tax Surcredit and ETIP	(20,125.00)			
5 GRT on Tax Surcredit and ETIP	(205.76)			
6 ESCO Commodity	81,197.06	87,466.61	93,449.64	
7 GRT on ESCO Commodity	830.17	874.51	924.08	
8 Cumulative Surcredits		2,521.08	1,483.61	
9 GRT associated with Surcredits		25.78	15.42	
10 Revenues Before Increase	1,221,105.82	1,265,228.82	1,352,233.90	
11 Increase Cap	-	2.00%	2.00%	
12 Capped Increase	-	25,304.58	27,044.68	
13 Revenue Requirement per Schedule 1	(2,483.00)	28,624.00	25,925.00	
14 GRT on Revenue Requirement	(25.39)	286.19	256.36	
15 Prior Year Revenue Increase	-	(2,508.39)	26,401.80	
16 Prior Actual Increase	-	-	(25,304.58)	
17 Cumulative Increase Required	(2,508.39)	26,401.80	27,278.58	
18 Required reduction	2,508.39	(1,097.22)	(233.91)	
19 GRT	25.39	(10.86)	(2.29)	
20 Amortization	2,483.00	(1,086.36)	(231.62)	1,165.02
21 Additional Amortization		(1,943.00)	(4,057.00)	(6,000.00)
22 GRT on Addition Amortization		(19.43)	(40.12)	
23 Additional Surcredit (w/GRT)		(1,962.43)	(4,097.12)	
24 Total Increase		23,342.15	24,909.99	
25 Percent Increase		1.84%	1.84%	

Line #

Notes

- 1 Appendix 2, Schedule 1, Page 1
- 2 Appendix 2, Schedule 1, Page 1
- 3 Appendix 2, Schedule 1, Page 1
- 4 Appendix 2, Schedule 1, Page 1
- 5 Line 4 * (Line 3/(Line 1 + Line 2))
- 6 Projection
- 7 (Line 3 + Line 5) / (Line 1 + Line 2+ Line 4) * Line 6
- 8 Prior year Line 20 plus current year growth RY2 1.5338%, RY3 3.4075%
- 9 Prior year Line 19 plus current year growth
- 10 Sum Lines 1 through 9
- 11 Per Settlement
- 12 Line 10 * Line 11
- 13 Appendix 2, Schedule 1, Page 1
- 14 Line 13 * (Line 3/ (Line 1+ Line 2))
- 15 Prior Year Line 17
- 16 - Prior Year Line 12
- 17 Line 13 + Line 14 + Line 15 + Line 16
- 18 Line 12 - Line 17
- 19 Line 18 - Line 18 / (1 + (Line 3 + Line 5) / (Line 1 + Line 2 + Line 4))
- 20 Line 18 - Line 19
- 21 Projection
- 22 Line 19 * Line 3 / (Line 1 + Line 2)
- 23 Line 18 + Line 19
- 24 Line 20 + Line 10
- 25 Line 21 / Line 8

Keyspan Gas East Corporation d/b/a National Grid
Rate Levelization and Deferral Offsets/Amortizations
(\$000's)

Amortization of Deferral Offset

Co Desc	G/L Account	HTY Actuals DEC-18	C&U Forecast MAR-20	Actuals MAR-20	Offset Applied	RY1	RY2	RY3
Cost to Achieve	U2540065	(7.702)	(7.702)	(7.702)				
Delivery Rate Adjustment	U2540231	(82.870)	(82.870)	(82.870)				
Excess Earnings	U2540105	(6.813)	(6.813)	(6.813)				
Gas East Balancing	U2540214	(1.691)	(1.691)	(1.691)				
Overland Audit Reserve	U2540197	(11.413)	(11.413)	(11.413)				
Rate Mitigation	U1823069	32.209	32.209	32.209				
TC Sharing 06-G-1185/1186	U1823284	49.420	49.420	49.420				
TBA Accounts	U1823310	16.000	16.000	16.000				
Deferrals Subject to Netting		(12.860)	(12.860)	(12.860)	(12.860)			
MTA Gross Income	U1823059	1.621	1.621	1.917	1.917			
Positive Revenue Incentives	U1823768	1.100	1.100	3.181	3.181			
Cap Tracker-Gas	U2540232	(26.204)	(26.204)	(26.204)				
Leak Prone Pipe Def	U2540733	(4.076)	(4.076)	(4.077)				
Network Expansion	U2540734	(2.143)	(2.143)	(2.143)				
CapTracker Def-58/59	U2540751	(1.232)	2.699	0.000				
Capital Tracker Def	U1823751	0.000	0.000	(1.683)				
Total Capital Tracker		(33.655)	(29.724)	(34.107)	(34.107)			
Conversion Rebate Program	U2540740	(0.352)	(0.352)	(0.571)	(0.571)			
New-Hire True Up	U2540745	(0.178)	(0.178)	(0.178)	(0.178)			
Def Prop Tax Post 07	U1823068	109.209	109.445	123.956				
Prop Tax Refunds	U2540225	(72.908)	(60.304)	(72.908)				
Property Tax Exp Def	U2540710	(5.061)	(5.061)	(5.061)				
Total Property Tax (Note)		31.240	44.080	45.987	43.783			
Deferral Amount Required					1.165	2.483	(1.086)	(0.232)
Order to Show Cause - Case 17-G-0314 & 18-G-0094					(6.000)	0.000	(1.943)	(4.057)
Total Required Offset					(4.835)	2.483	(3.029)	(4.289)

Note: Only the portion of the Property Tax deferral balance necessary to achieve the total required offset is being applied

Keyspan Gas East Corporation d/b/a National Grid NY
Rate Year Four Reconciliation of Net Utility Plant and Depreciation
Gas Revenue Requirement Target
(\$000's)

Rate Year 4

Net plant tracker converted to a two way tracker in fourth year. Net plant in the fourth year compared to third year rate allowance capped at current forecast of fourth year plant.

Rate Year 3 Net Plant Forecast included in Revenue Requirement Settlement	\$ 4,592,591
Rate Year 4 Net Plant Forecast included in Revenue Requirement Settlement	<u>4,958,332</u>
Net plant increase	365,741
Pre-tax Return %	<u>7.82%</u>
Revenue Requirement Change due to Net Plant	28,602
Rate Year 3 Depreciation Expense included in Revenue Requirement Settlement	116,734
Rate Year 4 Depreciation Expense included in Revenue Requirement Settlement	<u>124,549</u>
Revenue Requirement Change due to Depreciation Expense	7,815
Return on Net Plant and Depreciation Cap for RY 4	<u><u>\$ 36,417</u></u>

Rate Year Three Levels

		Net Plant	Depreciation
Forecast included in Revenue Requirement Settlement - Rate Year Three Levels		4,592,591	116,734
RY3 Pre-tax Return % Applied	7.82%	359,157	
Total Rate Year 3 Revenue Requirement Target		\$ 475,891	

Illustrations of Net Plant Tracker for Rate Year 4:

		Net Plant	Depreciation
<u>Illustration of Net Plant Tracker with Actuals Higher than RY 4 Forecast</u>			
Total Illustrative Actuals for RY 4		5,100,000	125,000
Pre-tax Return % Applied	7.82%	398,838	
Total Revenue Requirement for RY 4		<u>523,838</u>	
Actuals higher/(lower) than Rate Year 3 Target	47,947		
Net Plant and Depreciation Regulatory Asset - Limited to RY4 Cap		<u>36,417</u>	
<u>Illustration of Net Plant Tracker with Actuals Lower than RY 4 Forecast</u>			
Total Illustrative Actuals for RY 4		4,900,000	124,000
Pre-tax Return % Applied	7.82%	383,197	
Total Revenue Requirement Actuals for RY 4		<u>507,197</u>	
Actuals higher/(lower) than Rate Year 3 Target	31,306		
Net Plant and Depreciation Regulatory Asset		<u>31,306</u>	

Assumption:

Pursuant to Section 12.2 of the Joint Proposal, the Company will not be permitted to recover the Net Plant and Depreciation Cap for RY 4 to the extent the Section 12.2 Joint Proposal mechanisms cause KEDLI to earn an ROE in excess of 8.8 percent during the period in which the mechanisms are in effect.

Keyspan Gas East Corporation d/b/a National Grid NY
Gas Net Utility Plant and Depreciation Expense Reconciliation
Gas Revenue Requirement Target
For the Rate Years Ending March 31, 2023, and March 31, 2024
(\$000's)

	Rate Year Ending March 31, 2023					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 5,570,129	\$ 34,731	\$ (1,012,269)	\$ 4,592,591	\$ 116,734
Pre-Tax WACC					7.82%	
Total Revenue Requirement Target	<u>\$ 475,891</u>				<u>\$ 359,157</u>	<u>\$ 116,734</u>
	Rate Year Ending March 31, 2024					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 6,000,034	\$ 31,782	\$ (1,073,483)	\$ 4,958,332	\$ 124,549
Pre-Tax WACC					7.82%	
Total Revenue Requirement Target	<u>\$ 512,308</u>				<u>\$ 387,759</u>	<u>\$ 124,549</u>

Keyspan Gas East Corporation d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2023
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-22 (1/2 month)	\$ 2,671,829	\$ 20,572	\$ (490,964)	\$ 2,201,436	
2	Apr-22	\$ 5,369,135	\$ 40,877	\$ (987,411)	\$ 4,422,600	\$ 9,456
3	May-22	\$ 5,386,947	\$ 42,066	\$ (992,929)	\$ 4,436,084	\$ 9,491
4	Jun-22	\$ 5,407,358	\$ 42,760	\$ (997,891)	\$ 4,452,227	\$ 9,518
5	Jul-22	\$ 5,442,511	\$ 41,127	\$ (1,002,527)	\$ 4,481,111	\$ 9,545
6	Aug-22	\$ 5,462,834	\$ 44,868	\$ (1,006,993)	\$ 4,500,709	\$ 9,591
7	Sep-22	\$ 5,628,628	\$ 25,208	\$ (1,012,232)	\$ 4,641,604	\$ 9,620
8	Oct-22	\$ 5,652,813	\$ 28,098	\$ (1,016,893)	\$ 4,664,017	\$ 9,822
9	Nov-22	\$ 5,676,055	\$ 30,657	\$ (1,021,901)	\$ 4,684,811	\$ 9,856
10	Dec-22	\$ 5,713,748	\$ 29,882	\$ (1,026,400)	\$ 4,717,230	\$ 9,889
11	Jan-23	\$ 5,740,553	\$ 29,072	\$ (1,032,727)	\$ 4,736,898	\$ 9,940
12	Feb-23	\$ 5,777,852	\$ 27,519	\$ (1,037,666)	\$ 4,767,705	\$ 9,977
13	Mar-23 (1/2 month)	\$ 2,911,279	\$ 14,066	\$ (520,690)	\$ 2,404,655	\$ 10,028
14	Total Gas (Sum of Lines 1 to 13)	66,841,542	416,772	(12,147,225)	55,111,089	116,734
15	Average Monthly Balance (Line 14 / 12)	\$ 5,570,129	\$ 34,731	\$ (1,012,269)	\$ 4,592,591	

Keyspan Gas East Corporation d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2024
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-23 (1/2 month)	\$ 2,911,279	\$ 14,066	\$ (520,690)	\$ 2,404,655	
2	Apr-23	\$ 5,849,128	\$ 28,168	\$ (1,047,213)	\$ 4,830,084	\$ 10,115
3	May-23	\$ 5,867,742	\$ 29,744	\$ (1,053,082)	\$ 4,844,405	\$ 10,152
4	Jun-23	\$ 5,889,501	\$ 30,821	\$ (1,058,940)	\$ 4,861,382	\$ 10,180
5	Jul-23	\$ 5,925,744	\$ 29,512	\$ (1,063,919)	\$ 4,891,337	\$ 10,210
6	Aug-23	\$ 5,947,401	\$ 33,780	\$ (1,068,344)	\$ 4,912,838	\$ 10,258
7	Sep-23	\$ 5,977,333	\$ 34,442	\$ (1,073,844)	\$ 4,937,931	\$ 10,288
8	Oct-23	\$ 6,000,848	\$ 38,131	\$ (1,078,539)	\$ 4,960,440	\$ 10,329
9	Nov-23	\$ 6,071,167	\$ 34,455	\$ (1,083,598)	\$ 5,022,024	\$ 10,363
10	Dec-23	\$ 6,110,838	\$ 33,376	\$ (1,088,326)	\$ 5,055,888	\$ 10,584
11	Jan-24	\$ 6,140,742	\$ 31,880	\$ (1,094,949)	\$ 5,077,673	\$ 10,640
12	Feb-24	\$ 6,181,478	\$ 29,848	\$ (1,100,064)	\$ 5,111,262	\$ 10,686
13	Mar-24 (1/2 month)	\$ 3,127,203	\$ 13,157	\$ (550,295)	\$ 2,590,065	\$ 10,746
14	Total Gas (Sum of Lines 1 to 13)	72,000,406	381,380	(12,881,801)	59,499,985	124,549
15	Average Monthly Balance (Line 14 / 12)	\$ 6,000,034	\$ 31,782	\$ (1,073,483)	\$ 4,958,332	

Keyspan Gas East Corporation d/b/a National Grid
Capital Investment Plan
\$000

Classification	Category	FY'20 Capital Plan	FY'21 Capital Plan	FY'22 Capital Plan	FY'23 Capital Plan	FY'24 Capital Plan	
Customer Connections	Customer Connections - Install Main	\$ 12,471	\$ 12,744	\$ 12,491	\$ 11,861	\$ 12,098	
	Customer Connections - Install Services	\$ 22,784	\$ 19,215	\$ 18,659	\$ 19,051	\$ 19,432	
	Customer Connections - Clean Choice Program - Main	\$ 7,359	\$ -	\$ -	\$ -	\$ -	
	Customer Connections - Clean Choice Program - Services	\$ 2,040	\$ -	\$ -	\$ -	\$ -	
	Customer Connections - Customer Contributions	\$ (3,488)	\$ (3,225)	\$ (2,250)	\$ (2,250)	\$ (2,295)	
	Customer Connections - Meter Purchases	\$ -	\$ 1,303	\$ 1,318	\$ 1,389	\$ 1,417	
	Customer Connections - Install Meter/Regulator	\$ 1,681	\$ 1,228	\$ 1,479	\$ 1,526	\$ 1,556	
	Customer Connections - Automatic Meter Reading (AMR)	\$ -	\$ 662	\$ 835	\$ 862	\$ 879	
	Gas System Reinforcement	\$ 25,816	\$ 18,379	\$ 28,511	\$ 25,028	\$ 18,049	
	LTLII0985- Southeast Suffolk Infrastructure - Phase 1	\$ 1,234	\$ -	\$ -	\$ -	\$ -	
	Total Customer Connections	\$ 69,897	\$ 50,306	\$ 61,043	\$ 57,466	\$ 51,136	
	Mandated	CSC/Public Works - Non Reimbursable	\$ 2,910	\$ 4,020	\$ 5,583	\$ 5,647	\$ 5,760
CSC/Public Works - Reimbursable		\$ 10,843	\$ 4,138	\$ 5,536	\$ 5,694	\$ 5,808	
CSC/Public Works - Reimbursements		\$ (1,828)	\$ (827)	\$ (1,124)	\$ (869)	\$ (887)	
Main Replacements (Proactive) - Leak Prone Pipe		\$ 281,113	\$ 186,530	\$ 194,786	\$ 199,652	\$ 211,200	
Cross Bore Remediation		\$ 1,345	\$ 102	\$ 104	\$ 106	\$ 946	
Latent Damage		\$ -	\$ 386	\$ 530	\$ 540	\$ 551	
Large Diameter Main Rehabilitation		\$ 194	\$ 4,879	\$ 6,592	\$ 6,724	\$ 6,800	
Main Replacements (Reactive) - Maintenance		\$ 3,791	\$ 1,957	\$ 2,711	\$ 2,771	\$ 3,603	
Service Replacement (Reactive) - Leaks		\$ 2,492	\$ 1,893	\$ 2,081	\$ 2,127	\$ 2,445	
Service Replacement (Reactive) - Non-Leaks - Other		\$ 2,860	\$ 3,529	\$ 5,163	\$ 5,277	\$ 3,644	
Restrictions for Elevated Gas Infrastructure		\$ 32	\$ 364	\$ 495	\$ 505	\$ 515	
Buried Vent Lines		\$ 20	\$ -	\$ -	\$ -	\$ -	
Plastic Fusion QA/QC Re-Digs		\$ -	\$ 731	\$ 964	\$ 983	\$ 1,034	
Plastic Fusion - In Process Inspections		\$ -	\$ -	\$ 623	\$ 635	\$ 648	
Low Pressure Main Valve Installation		\$ -	\$ 38	\$ 801	\$ 1,302	\$ 553	
Contractor Safety Inspection		\$ -	\$ -	\$ 962	\$ 1,450	\$ 1,475	
Operator Qualification Program		\$ -	\$ 653	\$ 462	\$ 471	\$ 480	
Atmospheric Corrosion Inside Inspections		\$ 35	\$ 488	\$ 100	\$ 102	\$ 104	
Corrosion		\$ 564	\$ 972	\$ 992	\$ 1,044	\$ 764	
Pipeline Integrity - IMP		\$ 3,172	\$ 10,536	\$ 7,425	\$ 7,000	\$ 14,000	
Pipeline Integrity - IVP		\$ -	\$ -	\$ -	\$ 4,000	\$ 4,000	
Pipeline Integrity - IVP - GM 9 Stewart Ave to		\$ -	\$ -	\$ 2,520	\$ 2,000	\$ 25,000	
Pipeline Integrity - IVP Reactive Main Replacement		\$ -	\$ -	\$ 510	\$ 520	\$ 531	
Damage Prevention Mark Outs and Locate Change		\$ -	\$ 2,708	\$ 4,812	\$ 5,276	\$ 4,811	
Valve Installations/Replacements		\$ 26	\$ 83	\$ 113	\$ 116	\$ 118	
Meter Pitts		\$ 43	\$ 841	\$ 1,107	\$ 1,130	\$ 1,152	
Meter Changes		\$ 2,334	\$ 2,146	\$ 3,170	\$ 3,249	\$ 2,554	
Purchase Meters (Replacements)		\$ 4,515	\$ 2,559	\$ 3,515	\$ 3,586	\$ 4,389	
Transmission Station Integrity		\$ -	\$ 2,250	\$ 11,250	\$ 19,380	\$ 16,676	
Total Mandated		\$ 314,460	\$ 230,976	\$ 261,782	\$ 280,418	\$ 318,674	
Reliability		Gas System Reliability - Gas Planning/RCV Program	\$ 23	\$ 1,884	\$ 1,020	\$ 1,000	\$ 5,250
		LTLII0652- Lynbrook- RCV QL-04	\$ 133	\$ 410	\$ 2,300	\$ -	\$ -
		LTLII1985- Farmingdale- RCV 032583255 - PM	\$ 80	\$ 100	\$ 1,440	\$ 10	\$ -
		LTLII1032- Westbury- RCV 023123400 - PM	\$ 43	\$ 100	\$ 1,440	\$ 10	\$ -
		LTLII1715- Westbury- RCV 023123413 - PM	\$ -	\$ 50	\$ 1,500	\$ -	\$ -
		LTLII2020- Deer Park- RCV 040632167-PM	\$ -	\$ 25	\$ 50	\$ 1,650	\$ -
		LTLII2021- Deer Park- RCV 040632133-PM	\$ -	\$ 25	\$ 50	\$ 1,500	\$ -
		LTLII2022- Pinelawn- RCV 041025722-PM	\$ -	\$ 25	\$ 50	\$ 1,650	\$ -
		LTLII0676 Elmton- RCV 007646335	\$ -	\$ -	\$ 25	\$ 50	\$ -
		Northwest Nassau Transmission Main & Control Valve - Phase 1	\$ 7,038	\$ -	\$ -	\$ -	\$ -
		Northwest Nassau Transmission Main & Control Valve - Phase 2	\$ 13,888	\$ 35,000	\$ 85,000	\$ 16,629	\$ -
		Northwest Nassau Transmission Main & Control Valve - Phase 3	\$ -	\$ -	\$ 1,000	\$ 3,500	\$ -
	Storm Hardening - Install Remote Service Shutoff Valves	\$ 744	\$ 500	\$ 5,000	\$ 5,000	\$ 19,501	
	Water Intrusion	\$ (753)	\$ 158	\$ 215	\$ 219	\$ 557	
	Gas System Control	\$ 34	\$ 118	\$ 160	\$ 164	\$ 596	
	Gas System Control - Telemetry Upgrade 3G to 4G	\$ 149	\$ -	\$ -	\$ -	\$ 168	
	I&R - Reactive	\$ -	\$ 203	\$ 261	\$ 267	\$ 272	
	I&R - Training and Test Lab	\$ -	\$ -	\$ 400	\$ -	\$ -	
	Heater Installation Program	\$ 93	\$ 1,129	\$ 1,600	\$ 1,600	\$ 1,600	
	Pressure Regulating Facilities	\$ 4,239	\$ 7,414	\$ 10,850	\$ 3,770	\$ 9,270	
	South Commack Take Station Overhaul	\$ 3,277	\$ 400	\$ -	\$ -	\$ -	
	Rockville Centre Take Station Overhaul	\$ 393	\$ 3,500	\$ 3,994	\$ 500	\$ -	
	Bay Shore Take Station Overhaul	\$ -	\$ 340	\$ 2,750	\$ 2,500	\$ 300	
	Long Beach Gate Station Overhaul	\$ 1,786	\$ 702	\$ -	\$ -	\$ -	
	ND 45	\$ -	\$ -	\$ 100	\$ 2,750	\$ -	
	ND 16	\$ -	\$ -	\$ 100	\$ 2,750	\$ -	
	Riverhead Take Station	\$ -	\$ -	\$ 200	\$ 2,700	\$ 2,700	
	SL 54	\$ -	\$ 2,614	\$ -	\$ -	\$ -	
	Stewart Ave	\$ -	\$ -	\$ -	\$ 200	\$ 3,500	
	SL 74 SL 75 Holtsville	\$ -	\$ -	\$ -	\$ -	\$ 250	
	Distribution Station Over Pressure Protection	\$ -	\$ 1,310	\$ 1,500	\$ 1,500	\$ 276	
	Northport M&R Station Refurbishment	\$ -	\$ -	\$ -	\$ -	\$ -	
	System Automation	\$ 248	\$ 857	\$ 1,181	\$ 1,205	\$ 1,229	

Keyspan Gas East Corporation d/b/a National Grid
Capital Investment Plan
\$000

	CNG - NY Hewlett - New Compressor, Controls, Storage	\$ 1,701	\$ 112	\$ -	\$ -	\$ -	
	CNG - NY Brentwood - New Compressor, Controls, Storage	\$ 0	\$ 3,190	\$ -	\$ -	\$ -	
	CNG - NY Riverhead - Retirement	\$ 2,130	\$ 381	\$ 500	\$ -	\$ -	
	CNG - NY Hicksville - Retirement	\$ -	\$ 500	\$ 500	\$ -	\$ -	
	CNG - KEDLI Contract Closeout	\$ -	\$ 400	\$ -	\$ -	\$ -	
	CNG - KEDLI Blanket	\$ -	\$ 500	\$ 500	\$ 500	\$ 500	
	LNG - Blanket	\$ 990	\$ 1,075	\$ 1,098	\$ 1,123	\$ 5,754	
	LNG - Controls System Upgrade	\$ 620	\$ 6,399	\$ 2,081	\$ -	\$ -	
	LNG - AESD System	\$ 320	\$ 3,384	\$ 793	\$ -	\$ -	
	LNG - Storage Building	\$ 556	\$ 3,906	\$ -	\$ -	\$ -	
	LNG - Security System Upgrade	\$ -	\$ 500	\$ -	\$ 10	\$ 500	
	LNG - Solar Panel Farm	\$ -	\$ -	\$ 10	\$ -	\$ 150	
	LNG - Mol Sieve Refurbishment	\$ -	\$ -	\$ -	\$ 600	\$ 7,781	
	CNG - Portable CNG 3rd Site	\$ 2,976	\$ -	\$ -	\$ -	\$ -	
	LNG - Odorant System Replacement	\$ -	\$ -	\$ -	\$ 20	\$ 100	
	LNG - ReGen Heater Replacement	\$ 10	\$ -	\$ -	\$ -	\$ -	
	LNG - Boiloff Compressor System	\$ 12	\$ 75	\$ 1,000	\$ 1,000	\$ 15,292	
	LNG - SST1 & SST2 Replacement	\$ -	\$ -	\$ -	\$ -	\$ 10	
	LNG - Cyber Security Enhancements	\$ -	\$ 500	\$ -	\$ -	\$ -	
	LNG - Tank Upgrade	\$ 48	\$ 1,140	\$ 4,113	\$ 13,539	\$ 3,335	
	LNG - Analyzer Replacement 1	\$ -	\$ 200	\$ -	\$ -	\$ -	
	LNG - Power Center Upgrade	\$ -	\$ -	\$ 100	\$ 2,000	\$ 50	
	LNG - 4KV Cable Replacement	\$ -	\$ -	\$ -	\$ -	\$ 20	
	LNG - Nitrogen System Refurbishment	\$ -	\$ -	\$ -	\$ -	\$ 10	
	LNG - Emergency Generator Upgrade	\$ -	\$ -	\$ 50	\$ 300	\$ 5,000	
	LNG - Hi Ex Foam System	\$ 33	\$ 893	\$ 1,000	\$ 1,349	\$ -	
	LNG - Liquefaction System Refurbishment	\$ 1,442	\$ -	\$ -	\$ 50	\$ 1,000	
	Renewable Natural Gas (RNG) Interconnections	\$ -	\$ 450	\$ 450	\$ 450	\$ 5,450	
	Total Reliability	\$ 42,253	\$ 80,468	\$ 134,382	\$ 72,064	\$ 90,422	
Non-Infrastructure	Telecomm - Comm site upgrades	\$ -	\$ 48	\$ 49	\$ 50	\$ 51	
	Telecomm - Damaged Failure	\$ -	\$ 13	\$ 13	\$ 13	\$ 14	
	Telecomm - Radio Capital Expenditures	\$ 96	\$ 50	\$ 50	\$ 51	\$ 52	
	Tools & Equipment - All	\$ 1,961	\$ 1,785	\$ 2,430	\$ 2,481	\$ 2,293	
	Meter Testing Equipment	\$ 178	\$ 157	\$ 216	\$ 228	\$ 240	
	Learning and Development - Materials, Tools and Equipment	\$ -	\$ 281	\$ 250	\$ 188	\$ 188	
	Automatic Meter Reading (AMR) - Replacement	\$ 1,274	\$ 1,048	\$ 1,402	\$ 1,431	\$ 1,459	
	Total Non-Infrastructure	\$ 3,509	\$ 3,382	\$ 4,411	\$ 4,442	\$ 4,297	
	Total Direct Gas (Capital & COR)	\$ 430,118	\$ 365,132	\$ 461,617	\$ 414,391	\$ 464,528	
	Cost of Removal	\$ 29,248	\$ 24,829	\$ 31,390	\$ 28,179	\$ 31,588	
	Total Direct Gas (Net of COR)	\$ 400,870	\$ 340,303	\$ 430,227	\$ 386,212	\$ 432,940	
Indirect Capital	Facilities/Customer/Other	Base Spend	\$ 995	\$ 300	\$ 2,460	\$ 2,460	\$ 3,060
		Bayshore New Building Completion	\$ 2,896	\$ -	\$ -	\$ -	\$ -
		Materials Testing Lab (w/equip)	\$ -	\$ 180	\$ 4,320	\$ -	\$ -
		Melville HUB Expansion (GC, Pkg Str & LI Training)	\$ 2,067	\$ 1,350	\$ 2,050	\$ -	\$ -
		New Large Ops Site	\$ -	\$ -	\$ 20,255	\$ 18,765	\$ 13,000
		Other New LI Ops Sites	\$ -	\$ -	\$ -	\$ 10,531	\$ 3,361
		Total Facilities/Customer	\$ 5,958	\$ 1,830	\$ 29,085	\$ 31,756	\$ 19,421
Fleet/IMWM	Fleet	\$ 3,410	\$ 1,150	\$ 850	\$ 750	\$ 600	
	Inventory Management Warehouse Management	\$ 463	\$ 400	\$ 400	\$ 200	\$ 200	
	Total Fleet/IMWM	\$ 3,873	\$ 1,550	\$ 1,250	\$ 950	\$ 800	
Future of Heat	Future of Heat - Demand Response	\$ 107	\$ 27	\$ 27	\$ 27	\$ -	
	Total Future of Heat	\$ 107	\$ 27	\$ 27	\$ 27	\$ -	
	Total Capital/COR	\$ 440,057	\$ 368,539	\$ 491,979	\$ 447,124	\$ 484,749	

Keyspan Gas East Corporation d/b/a National Grid
Information Technology & GBE Service Company Capital Investment Plan
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Line	Business Program	Balance at 3/31/2020	R Y21 Additions	D Y22 Additions	D Y23 Additions
1	Core IT	\$ 98,336,594	\$ 150,000,000	\$ 150,000,000	\$ 150,000,000
2	GBE	\$ 305,277,737	\$ 75,119,383	\$ -	\$ -
		\$ 403,614,331	\$ 225,119,383	\$ 150,000,000	\$ 150,000,000

Line	Release Name	Balance at 3/31/2020	R Y21 Additions	D Y22 Additions	D Y23 Additions
1	Asset Management	\$ 41,301,400	\$ 12,132,339	\$ -	\$ -
2	Asset Management / GIS	\$ 93,858,432	\$ 23,112,539	\$ -	\$ -
3	Customer Engagement	\$ 32,212,176	\$ 9,730,595	\$ -	\$ -
4	Supply Chain	\$ 8,549,267	\$ 1,267,876	\$ -	\$ -
5	Work Management (Maximo)	\$ 99,561,392	\$ 24,039,652	\$ -	\$ -
6	Work Management (SDM)	\$ 29,795,070	\$ 4,836,381	\$ -	\$ -
		\$ 305,277,737	\$ 75,119,383	\$ -	\$ -

Line	Business Program	Program	Balance at 3/31/2020	R Y21 Additions	D Y22 Additions	D Y23 Additions
1	Core IT	Architecture	\$ -	\$ 2,747,974	\$ 3,494,739	\$ 4,043,199
2	Core IT	Capital Delivery	\$ -	\$ 4,430,395	\$ 3,306,023	\$ 4,648,260
3	Core IT	Customer Operations	\$ -	\$ 3,371,257	\$ 12,231,587	\$ 11,420,263
4	Core IT	CXP - Customer Operations	\$ -	\$ 8,537,869	\$ -	\$ -
5	Core IT	Digital	\$ -	\$ 8,188,962	\$ 15,656,749	\$ 14,186,662
6	Core IT	Electric Operations	\$ -	\$ 1,400,939	\$ -	\$ -
7	Core IT	Finance & Business Services	\$ -	\$ 15,308,710	\$ 20,169,887	\$ 17,758,864
8	Core IT	Gas Operations	\$ -	\$ 4,023,115	\$ 3,625,792	\$ 6,029,332
9	Core IT	IT Group Functions	\$ -	\$ 14,453,856	\$ 11,064,929	\$ 12,382,119
10	Core IT	Other Platform Initiatives	\$ -	\$ 549,595	\$ 436,842	\$ 425,600
11	Core IT	Placed in Service	\$ 98,336,594	\$ -	\$ -	\$ -
12	Core IT	Security	\$ -	\$ 19,988,324	\$ 21,323,151	\$ 27,632,781
13	Core IT	Solution Development	\$ -	\$ 2,747,974	\$ 3,494,739	\$ 4,255,999
14	Core IT	Technology Modernization	\$ -	\$ 64,106,487	\$ 49,024,725	\$ 42,058,651
15	Core IT	Transformation Office	\$ -	\$ -	\$ 436,842	\$ 567,466
16	Core IT	Wholesale Networks	\$ -	\$ 144,543	\$ 5,733,993	\$ 4,590,804
17	GBE	GBE	\$ 305,277,737	\$ 75,119,383	\$ -	\$ -
			\$ 403,614,331	\$ 225,119,383	\$ 150,000,000	\$ 150,000,000

Keyspan Gas East Corporation d/b/a National Grid
 Information Technology Service Company Capital Investment Plan
 For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Program	Project Name	Balance at 3/31/2020	RY21 Additions	DY22 Additions	DY23 Additions
Core IT	Architecture	IT4IT: Data Management	\$ -	\$ 2,198,379	\$ 3,057,897	\$ 4,043,199
		IT4IT: Tooling (EA portion of D/PPM)	\$ -	\$ 549,595	\$ 436,842	\$ -
	Architecture Total		\$ -	\$ 2,747,974	\$ 3,494,739	\$ 4,043,199
	Capital Delivery	ABB SENDOUT Server Upgrade	\$ -	\$ 143,068	\$ -	\$ -
		Capital Delivery Enablement Program	\$ -	\$ -	\$ 2,863,939	\$ 4,648,260
		New Storms Response Management System Implementation	\$ -	\$ 896,389	\$ 442,085	\$ -
		Primavera Upgrade/Stabilization	\$ -	\$ 3,390,938	\$ -	\$ -
	Capital Delivery Total		\$ -	\$ 4,430,395	\$ 3,306,023	\$ 4,648,260
	Customer Operations	Case & Customer Complaint Management Sol	\$ -	\$ 320,436	\$ -	\$ -
		Customer and Agent Experience	\$ -	\$ -	\$ 8,736,848	\$ 8,157,331
		Customer Connection Program	\$ -	\$ -	\$ 2,184,212	\$ 1,773,333
		Customer Contact Center / SDC Technology	\$ -	\$ 3,050,820	\$ -	\$ -
		Regulatory and Community Mandates	\$ -	\$ -	\$ 1,310,527	\$ 1,489,600
	Customer Operations Total		\$ -	\$ 3,371,257	\$ 12,231,587	\$ 11,420,263
	CXP - Customer Operations	Automated Customer Services	\$ -	\$ 544,314	\$ -	\$ -
		Personalization	\$ -	\$ 1,076,154	\$ -	\$ -
		Web Self Service	\$ -	\$ 6,917,402	\$ -	\$ -
	CXP - Customer Operations Total		\$ -	\$ 8,537,869	\$ -	\$ -
	Digital	Digital	\$ -	\$ 3,572,366	\$ 13,280,009	\$ 14,186,662
		Nucleus Project	\$ -	\$ 4,616,596	\$ 2,376,741	\$ -
	Digital Total		\$ -	\$ 8,188,962	\$ 15,656,749	\$ 14,186,662
	Electric Operations	AVLS Modem Reconfiguration	\$ -	\$ 872,779	\$ -	\$ -
		Supervisor Enablement iPad Advanced Capabilities	\$ -	\$ 528,161	\$ -	\$ -
	Electric Operations Total		\$ -	\$ 1,400,939	\$ -	\$ -
	Finance & Business Services	Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY21	\$ -	\$ 761,738	\$ -	\$ -
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY22	\$ -	\$ -	\$ 1,210,927	\$ -
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY23	\$ -	\$ -	\$ -	\$ 983,136
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY24	\$ -	\$ -	\$ -	\$ -
		Annual HR & Payroll Mandatory Service Pack Upgrade (HRSP) FY25	\$ -	\$ -	\$ -	\$ -
		Bill Print and Bill Composition Implement	\$ -	\$ 852,746	\$ -	\$ -
		Blackline: US Implementation	\$ -	\$ 467,403	\$ 873,685	\$ -
		Centralized Services Program	\$ -	\$ -	\$ -	\$ 3,546,666
		DocuSign	\$ -	\$ 426,039	\$ -	\$ -
		F&A and Implementation - Vision FM Repla	\$ -	\$ 442,424	\$ 1,048,422	\$ -
		Finance and Business Services Health Check (Non-SAP) Program	\$ -	\$ -	\$ 305,790	\$ 248,267
		Future of Finance Program of Work	\$ -	\$ -	\$ 2,795,791	\$ 2,482,666
		Future of HR Program	\$ -	\$ 290,736	\$ -	\$ -
		FY21 Mandated Bucket	\$ -	\$ 2,802,933	\$ -	\$ -
		FY22 Mandated Projects	\$ -	\$ -	\$ 4,543,161	\$ -
		FY23 Mandated Projects	\$ -	\$ -	\$ -	\$ 3,688,532
		FY24 Mandated Projects	\$ -	\$ -	\$ -	\$ -
		FY25 Mandated Projects	\$ -	\$ -	\$ -	\$ -
		Lease Accounting Updates and CCM - Phase	\$ -	\$ 1,373,987	\$ 655,264	\$ -
		Lease Accounting Updates and Contract Ma	\$ -	\$ 6,593,814	\$ -	\$ -
		NACHA Change	\$ -	\$ 368,228	\$ 218,421	\$ -
		Property Services IT Systems Modernization	\$ -	\$ -	\$ 436,842	\$ 354,667
		RCM Excellence	\$ -	\$ -	\$ 1,747,370	\$ -
		Revenue Cycle Management - non CIS	\$ -	\$ -	\$ 1,747,370	\$ -
		Revenue Cycle Management non CIS	\$ -	\$ -	\$ -	\$ 1,134,933
		RightFax Upgrade/Remediation	\$ -	\$ 137,399	\$ 218,421	\$ -
		SAP and BackOffice Health Program	\$ -	\$ -	\$ -	\$ 1,773,333
		Upgrade Servers for CCAE Reporting	\$ -	\$ 282,573	\$ -	\$ -
		US Finance Program	\$ -	\$ -	\$ 4,368,424	\$ 3,546,666
		US SAP: Fiori Upgrade Phase 1	\$ -	\$ 508,690	\$ -	\$ -
	Finance & Business Services Total		\$ -	\$ 15,308,710	\$ 20,169,887	\$ 17,758,864
	Gas Operations	DMS Replacement - Delivery	\$ -	\$ 2,044,574	\$ -	\$ -
		Gas Cash Flow Optimization	\$ -	\$ 137,399	\$ 436,842	\$ 709,333
		Gas Field Excellence	\$ -	\$ 164,878	\$ 436,842	\$ 1,418,666
	Gas Process & Performance Optimization	\$ -	\$ 769,433	\$ 1,223,159	\$ 1,418,666	
	Gas Safety and Compliance	\$ -	\$ 769,433	\$ 1,310,527	\$ 1,773,333	
	Gas Work Plan Optimization	\$ -	\$ 137,399	\$ 218,421	\$ 709,333	
Gas Operations Total		\$ -	\$ 4,023,115	\$ 3,625,792	\$ 6,029,332	

Keyspan Gas East Corporation d/b/a National Grid
 Information Technology Service Company Capital Investment Plan
 For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Program	Project Name	Balance at 3/31/2020	RY21 Additions	DY22 Additions	DY23 Additions	
IT Group Functions		Allegro Upgrade to Horizon	\$ -	\$ 893,707	\$ -	\$ 174,496	
		AMAG HW and SW Upgrade	\$ -	\$ 2,084,039	\$ 1,602,922	\$ -	
		Application Lifecycle Management Toolset	\$ -	\$ 323,634	\$ -	\$ -	
		Employee Digital Workplace	\$ -	\$ 885,797	\$ -	\$ -	
		GRC Archer - Risk and Migration	\$ -	\$ 988,417	\$ -	\$ -	
		Group Function Fix the Foundation	\$ -	\$ 35,724	\$ -	\$ -	
		Group Function Operational Excellence	\$ -	\$ 906,831	\$ 2,725,897	\$ 3,099,786	
		Group Function Regulatory/Mandated Requests	\$ -	\$ 1,947,214	\$ 4,814,003	\$ 5,844,905	
		Identity and Access Management Business	\$ -	\$ 2,796,421	\$ -	\$ -	
		Learning Interfaces integration with Suc	\$ -	\$ 286,883	\$ -	\$ -	
		MvHub Compliance & Enhancements	\$ -	\$ 725,556	\$ -	\$ -	
		Software License and Asset Management (I	\$ -	\$ 335,253	\$ -	\$ -	
		Total Reward Statement	\$ -	\$ 182,812	\$ -	\$ -	
		Travel & Expense Management (T&E) and GI	\$ -	\$ 179,679	\$ -	\$ -	
		US Document Management	\$ -	\$ 439,676	\$ -	\$ -	
		US Group Functions: Fix the Foundation	\$ -	\$ 725,465	\$ 1,485,264	\$ 1,489,600	
		US Group Functions: Operational Excellence	\$ -	\$ 274,797	\$ 436,842	\$ 1,773,333	
		US IMS Upgrade	\$ -	\$ 234,791	\$ -	\$ -	
		US Legal: Document Management	\$ -	\$ 207,161	\$ -	\$ -	
		IT Group Functions Total		\$ -	\$ 14,453,856	\$ 11,064,929	\$ 12,382,119
	Other Platform Initiatives		IT4IT: Service Now	\$ -	\$ 549,595	\$ 436,842	\$ 425,600
	Other Platform Initiatives Total			\$ -	\$ 549,595	\$ 436,842	\$ 425,600
	Placed in Service		AIX upgrade	\$ 2,048,005	\$ -	\$ -	\$ -
			AVLS - Old 3G Modem Replacement	\$ 2,685,186	\$ -	\$ -	\$ -
			Capital Delivery IS Initiative - US	\$ 2,207,934	\$ -	\$ -	\$ -
			CASB 2	\$ 988,798	\$ -	\$ -	\$ -
			CNI Secure Communication	\$ 6,137,547	\$ -	\$ -	\$ -
		Customer Contact Center / SDC Technology	\$ 18,329,533	\$ -	\$ -	\$ -	
		Data Centre Decommission Melville	\$ 257,647	\$ -	\$ -	\$ -	
		Data Visualization	\$ 318,484	\$ -	\$ -	\$ -	
		Data Visualization Evolution	\$ 2,360,108	\$ -	\$ -	\$ -	
		DMS Replacement - Delivery	\$ 9,629,860	\$ -	\$ -	\$ -	
		EMM Phase2	\$ 1,403,600	\$ -	\$ -	\$ -	
		Enable Transactional Email in CRS	\$ 516,723	\$ -	\$ -	\$ -	
		End User - US T430 Refresh	\$ 2,324,238	\$ -	\$ -	\$ -	
		EPA Portfolio Manager Integration Phase	\$ 453,226	\$ -	\$ -	\$ -	
		Gas Capacity Review Database	\$ 1,444,317	\$ -	\$ -	\$ -	
		Gas Service Database - DNY (LI and NYC)	\$ 403,102	\$ -	\$ -	\$ -	
		Gateway Upgrades	\$ 500,014	\$ -	\$ -	\$ -	
		IAM: Role Based Access control	\$ 995,387	\$ -	\$ -	\$ -	
		INVP 5178 (Partial R-D)	\$ 408,770	\$ -	\$ -	\$ -	
		INVP 5702 USB Malware defense - Gateway Enhancements	\$ 422,464	\$ -	\$ -	\$ -	
		Lease Accounting Updates and Contract Ma	\$ 3,132,728	\$ -	\$ -	\$ -	
		NetMod eBond/NSSR/SVC Catalog	\$ 306,872	\$ -	\$ -	\$ -	
		NetMod Ethernet/SD WAN Upgrade	\$ 1,103,296	\$ -	\$ -	\$ -	
		Netmod Governance	\$ 712,178	\$ -	\$ -	\$ -	
		NetMod Zscaler Cloud Security Gateway	\$ 408,538	\$ -	\$ -	\$ -	
		NY Gas Service Line Inspection	\$ 951,856	\$ -	\$ -	\$ -	
		NY Tax Remittance and Reporting Correction	\$ 1,312,835	\$ -	\$ -	\$ -	
		Perimeter enhancements	\$ 186,399	\$ -	\$ -	\$ -	
		Physical Security	\$ 805,128	\$ -	\$ -	\$ -	
		Supervisor Enablement iPads Rollout	\$ 990,364	\$ -	\$ -	\$ -	
		Unix51 Interface Migration	\$ 1,481,027	\$ -	\$ -	\$ -	
		UPS Replacement for Data Communication C	\$ 195,776	\$ -	\$ -	\$ -	
		US CNI GMSSCADA Upgrade and Consolidation	\$ 16,211,609	\$ -	\$ -	\$ -	
		US Endpoint Security	\$ 1,684,199	\$ -	\$ -	\$ -	
		US Foundation Hosting Renewal	\$ 9,996,732	\$ -	\$ -	\$ -	
		US SAP: FERC on HANA (FOH) Upgrade	\$ 3,756,950	\$ -	\$ -	\$ -	
		Virtual Desktop - Daas	\$ 572,704	\$ -	\$ -	\$ -	
		Windows 10 HW	\$ 692,459	\$ -	\$ -	\$ -	
	Placed in Service - Total		\$ 98,336,594	\$ -	\$ -	\$ -	
Security		CNI Intrusion Detection System (IDS) ref	\$ -	\$ 314,042	\$ -	\$ -	
		CNI Secure Communication	\$ -	\$ 858,513	\$ -	\$ -	
		Data Protection	\$ -	\$ 274,797	\$ 393,158	\$ 368,144	
		Gas Business Enablement Cyber Security E	\$ -	\$ 984,552	\$ -	\$ -	
		IAM- Privilege Access Management (PAM) -	\$ -	\$ 478,494	\$ -	\$ -	
		IAM: Role Based Access control	\$ -	\$ 281,978	\$ -	\$ -	
		Identity and Access Management	\$ -	\$ 3,215,129	\$ 5,111,056	\$ 4,785,871	
		Internal Public Key Infrastructure (PKI)	\$ -	\$ 482,581	\$ -	\$ -	
		Malware Defense - Endpoint Protection	\$ -	\$ 1,903,165	\$ -	\$ -	
		Malware Defense - System Hardening	\$ -	\$ 2,519,906	\$ -	\$ -	
		Multi factor Authentication (MFA)	\$ -	\$ 1,078,282	\$ -	\$ -	
		Network Security	\$ -	\$ -	\$ 1,310,527	\$ 1,227,146	
		Network Security Improvements	\$ -	\$ 1,170,255	\$ -	\$ -	
		Physical Security	\$ -	\$ 2,119,787	\$ 87,368	\$ 70,933	
		Platform Security	\$ -	\$ 782,829	\$ 4,193,687	\$ 3,926,868	
		Security Incident & Event Management: Ph	\$ -	\$ 1,591,639	\$ -	\$ -	
		Security Orchestration, Automation and Response	\$ -	\$ -	\$ 1,179,474	\$ 1,104,432	
		US Strategic Risk Remediation	\$ -	\$ 1,272,861	\$ 7,999,458	\$ 15,167,670	
		Vulnerability Management	\$ -	\$ 659,514	\$ 1,048,422	\$ 981,717	
	Security Total		\$ -	\$ 19,988,324	\$ 21,323,151	\$ 27,632,781	

Keyspan Gas East Corporation d/b/a National Grid
Information Technology Service Company Capital Investment Plan
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Program	Project Name	Balance at 3/31/2020	RY21 Additions	DY22 Additions	DY23 Additions
	Solution Development	IT4IT: GSD Lab	\$ -	\$ 109,919	\$ -	\$ -
		IT4IT: IT Tooling	\$ -	\$ 1,154,149	\$ 1,747,370	\$ 2,127,999
		IT4IT: Middleware	\$ -	\$ 1,483,906	\$ 1,747,370	\$ 2,127,999
	Solution Development Total		\$ -	\$ 2,747,974	\$ 3,494,739	\$ 4,255,999
	Technology Modernization	Active Directory Improvements	\$ -	\$ 852,591	\$ -	\$ -
		Application Virtualization	\$ -	\$ 452,599	\$ -	\$ -
		Aruba POC	\$ -	\$ 389,058	\$ -	\$ -
		Box & Huddle to SharePoint Online	\$ -	\$ 234,429	\$ -	\$ -
		Collaboration & Unified Communications	\$ -	\$ 1,250,218	\$ 4,313,207	\$ 4,143,372
		Copper to Fiber Migration	\$ -	\$ 151,139	\$ -	\$ -
		Data Center Buildout (Hicksville)	\$ -	\$ 11,873	\$ -	\$ -
		Dell Discovery	\$ -	\$ 349,791	\$ -	\$ -
		Directory Services - US	\$ -	\$ 3,407,487	\$ 5,242,109	\$ -
		Downstate NY PBX Replacement Upgrade	\$ -	\$ 269,897	\$ -	\$ -
		DXC Hosting Tx Initiatives	\$ -	\$ 1,136,562	\$ 3,921,097	\$ 3,766,702
		End User VPN Replacement	\$ -	\$ 337,447	\$ -	\$ -
		ICE Replacement	\$ -	\$ 6,736,362	\$ -	\$ -
		Infrastructure New Capability	\$ -	\$ 1,459,449	\$ 5,035,045	\$ 4,836,788
		Infrastructure Remediation & Lifecycle Refresh	\$ -	\$ 1,852,079	\$ 6,389,606	\$ 6,138,012
		Integration Services	\$ -	\$ 720,806	\$ -	\$ -
		LAN/Wi-Fi Infrastructure Program	\$ -	\$ 1,433,618	\$ 4,945,930	\$ 4,751,181
		Legacy AD Remediation	\$ -	\$ 233,578	\$ -	\$ -
		Legacy Device Refresh	\$ -	\$ 482,779	\$ -	\$ -
		Managed Networks	\$ -	\$ 5,779,040	\$ -	\$ -
		Modern Workplace	\$ -	\$ 1,565,356	\$ 5,400,420	\$ 5,187,776
		NetMod Infoblox	\$ -	\$ 1,738,041	\$ -	\$ -
		Network Equipment End of Life Replacement	\$ -	\$ 1,902,003	\$ -	\$ -
		Network Security Infrastructure Program	\$ -	\$ 916,999	\$ 3,163,613	\$ 3,039,043
		Northborough and Avaya PBX Replacement/U	\$ -	\$ 201,712	\$ -	\$ -
		SharePoint to SharePoint Online	\$ -	\$ 271,046	\$ -	\$ -
		SOE (Windows) Upgrade and Device Refresh	\$ -	\$ 10,427,425	\$ -	\$ -
		Storage Capacity Purchase and Configure	\$ -	\$ 2,600,137	\$ -	\$ -
		Storage Migration	\$ -	\$ 790,427	\$ 2,726,945	\$ 2,619,570
		Substation Network Connectivity & Comms	\$ -	\$ 6,867,456	\$ -	\$ -
		Syracuse WIFI	\$ -	\$ 594,379	\$ -	\$ -
		UNIX Phase 2	\$ -	\$ 447,985	\$ -	\$ -
		UPS Infrastructure	\$ -	\$ 187,221	\$ -	\$ -
		Upstate NY PBX Replacement	\$ -	\$ 239,639	\$ -	\$ -
		Verizon - Aruba Wireless LAN (Waltham)	\$ -	\$ 1,804,303	\$ -	\$ -
		Verizon - US SD-WAN expansion	\$ -	\$ 520,083	\$ -	\$ -
		Voice Infrastructure Program	\$ -	\$ 1,960,374	\$ 3,831,981	\$ 3,681,095
		WAN Diversity at 18 Regional Storm Sites	\$ -	\$ 723,907	\$ -	\$ -
		WAN Infrastructure Program	\$ -	\$ 1,175,308	\$ 4,054,771	\$ 3,895,112
		WIFI Phase 2	\$ -	\$ 1,410,840	\$ -	\$ -
		Zoom Conferencing	\$ -	\$ 201,042	\$ -	\$ -
	Technology Modernization Total		\$ -	\$ 64,106,487	\$ 49,024,725	\$ 42,058,651
	Transformation Office	Migration from AWS to Azure - Advanced Data Analytics	\$ -	\$ -	\$ 436,842	\$ 567,466
	Transformation Office Total		\$ -	\$ -	\$ 436,842	\$ 567,466
	Wholesale Networks	WNCD Application Reinforcement Program	\$ -	\$ 144,543	\$ 5,733,993	\$ 4,590,804
	Wholesale Networks Total		\$ -	\$ 144,543	\$ 5,733,993	\$ 4,590,804
Grand Total IT CAPEX Investment			\$ 98,336,594	\$ 150,000,000	\$ 150,000,000	\$ 150,000,000

Keyspan Gas East Corporation d/b/a National Grid
GBE Service Company Capital Investment Plan
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

Business Program	Release Name	Balance at 3/31/2020	RY21 Additions	DY22 Additions	DY23 Additions
GBE	Asset Management	\$ 41,301,400	\$ 12,132,339	\$ -	\$ -
	Asset Management / GIS	\$ 93,858,432	\$ 23,112,539	\$ -	\$ -
	Customer Engagement	\$ 32,212,176	\$ 9,730,595	\$ -	\$ -
	Supply Chain	\$ 8,549,267	\$ 1,267,876	\$ -	\$ -
	Work Management (Maximo)	\$ 99,561,392	\$ 24,039,652	\$ -	\$ -
	Work Management (SDM)	\$ 29,795,070	\$ 4,836,381	\$ -	\$ -
GBE Total CAPEX Investment		\$ 305,277,737	\$ 75,119,383	\$ -	\$ -

Appendix 3

Index of Exhibits

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Schedule 6 .3	Merchant Function Charges (“MFC”) – Setting Rates for each MFC components for September 2021 -August 2022 and Annual Reconciliation

Appendix 3

Schedule 7	Revenue Decoupling Mechanism (“RDM”) Targets
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Schedule 10	Electric Generator Revenue Target
Schedule 11	Delivery Rate Adjustment (“DRA”) Pro-forma
Schedule 12	Marginal Cost of Service Study (“MCOSS”) – EJP Rates
Schedule 13	Make Whole Provision
Schedule 13.1	Make Whole Provision - Revenues
Schedule 13.2	Make Whole Provision - MFC

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 Appendix 3
 Schedule 1
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THE BROOKLYN UNION GAS COMPANY d/b/a National Grid NY
 Gas Revenue Exhibit
 FY 2021

Class Name	1	2	3	4	5	6	7	8	9	10	11	12	13
	Customers	Therms	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (E/TIPS)	Clean Energy Fund	Power Gen Revenue	Tax Credit	Misc.-Other	Total Delivery Revenue Col (3+4+5+6+7+8+9)	Commodity Revenue	Gross Revenue Taxes	Revenue (10+11+12)
SC 1A Resi Non Heat Sales	416,281	39,364,159	\$122,744,160	\$585,144	\$483,869	\$6,635	\$6,635	(\$3,993,908)	\$0	\$120,225,861	\$16,613,470	\$6,056,991	\$142,898,322
SC 1AR Reduced Rate Resi Non Heat Sales	78,815	6,462,672	\$22,094,988	\$95,760	\$88,300	\$1,211	\$1,211	(\$90,042)	\$0	\$21,690,217	\$2,716,825	\$1,086,071	\$25,493,113
SC 1B Resi Heat Sales	498,024	598,754,558	\$520,028,646	\$9,021,360	\$6,979,587	\$95,714	\$95,714	(\$17,392,882)	\$0	\$518,732,425	\$257,932,688	\$30,555,670	\$807,220,783
SC 1BR Heat Reduced Rate Sales	63,344	73,905,585	\$65,253,346	\$1,104,241	\$974,630	\$13,365	\$13,365	(\$2,131,662)	\$0	\$65,213,920	\$31,560,322	\$3,815,125	\$100,589,367
SC 1B-DG Resi Dist Gen Sales	3	7,184	\$2,164	\$109	\$99	\$1	\$1	(\$58)	\$0	\$2,235	\$3,120	\$5,617	\$5,617
SC 3 Multi Family Sales	11,824	108,617,863	\$47,993,720	\$1,635,656	\$1,325,169	\$18,173	\$18,173	(\$1,357,723)	\$0	\$49,614,994	\$46,617,565	\$3,438,553	\$99,671,112
SC 2-1 Non Resi Non Heat Sales	9,033	49,626,443	\$26,148,695	\$731,088	\$676,378	\$9,275	\$9,275	(\$883,333)	\$0	\$26,682,086	\$20,688,276	\$1,199,716	\$48,570,078
SC 2-2 Non Resi Heat Sales	30,047	114,004,216	\$72,805,361	\$1,720,159	\$1,487,357	\$20,397	\$20,397	(\$2,086,277)	\$0	\$73,946,996	\$49,169,440	\$3,125,133	\$126,241,569
SC 4A High Load Factor Sales	43	5,245,733	\$1,488,538	\$64,520	\$61,218	\$840	\$840	(\$48,261)	\$0	\$1,566,855	\$1,520,248	\$77,738	\$3,164,842
SC 4A-CNG Wholesale NGV Sales	7	4,922,655	\$1,292,215	\$59,313	\$53,546	\$734	\$734	(\$49,719)	\$0	\$1,356,090	\$1,396,331	\$69,338	\$2,821,759
SC 4B Yr Round Space Conditioning Sales	38	1,321,151	\$651,844	\$17,513	\$15,122	\$207	\$207	(\$26,159)	\$0	\$658,528	\$449,815	\$28,089	\$1,136,432
SC 7 Seasonal Off-Peak Sales	1	2,762	\$968	\$30	\$171	\$2	\$2	(\$221)	\$0	\$599	\$598	\$50	\$1,597
17-4A-CNG	-	-	\$0	\$0	\$802	\$11	\$11	\$813	\$0	\$813	\$0	\$0	\$813
SC 14 Retail NGV Sales	63,010	14,341,984	\$26,015,130	\$82,025	\$185,486	\$2,544	\$2,544	(\$1,309,423)	\$0	\$24,975,761	\$0	\$1,166,792	\$26,142,554
SC 17-1A Resi Non Heat Transport	7,986	580,020	\$2,076,790	\$3,330	\$6,981	\$96	\$96	(\$2,956)	\$0	\$2,034,242	\$0	\$95,494	\$2,129,735
SC 17-1AR Resi Non Heat Reduced Rate Transp	70,584	96,541,492	\$79,465,470	\$541,520	\$1,216,160	\$16,678	\$16,678	(\$2,799,703)	\$0	\$78,440,124	\$0	\$3,628,118	\$82,068,241
SC 17-1B Resi Heat Transport	2,392	2,716,092	\$2,446,942	\$15,262	\$19,090	\$262	\$262	(\$78,766)	\$0	\$2,402,720	\$0	\$112,033	\$2,514,823
SC 17-1BR Resi Heat Reduced Rate Transp	7,048	243,773,379	\$88,365,791	\$1,374,453	\$3,009,651	\$41,273	\$41,273	(\$3,047,167)	\$0	\$89,744,001	\$0	\$4,057,438	\$93,801,439
SC 17-2-1 Multi Family Transport	4,266	56,100,398	\$24,514,281	\$324,208	\$744,454	\$10,209	\$10,209	(\$998,597)	\$0	\$24,994,566	\$0	\$632,444	\$25,207,210
SC 17-2-1 Non Resi Non Heat Transport	7,325	45,107,827	\$27,097,189	\$353,948	\$594,101	\$8,147	\$8,147	(\$325,463)	\$0	\$27,127,922	\$0	\$81,664	\$27,809,586
SC 17-2-2 Non Resi Heat Transport	65	39,830,677	\$10,472,822	\$230,411	\$620,910	\$8,515	\$8,515	(\$86,442)	\$0	\$10,466,215	\$0	\$26,688	\$11,231,852
SC 17-4A-CNG Wholesale NGV Transport	1	34,644	\$17,197	\$0	\$0	\$0	\$0	\$0	\$0	\$17,197	\$0	\$0	\$17,197
SC 17-4B Yr Round Space Conditioning Transport	114	1,176,693	\$775,096	\$6,697	\$13,925	\$191	\$191	(\$23,299)	\$0	\$772,611	\$0	\$19,492	\$792,103
SC 17-7 Seasonal Off-Peak Transport	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rate 21	7	3,717,342	\$98,830	\$53,403	\$0	\$0	\$0	(\$5,204)	\$0	\$47,029	\$1,521,721	\$50,593	\$2,019,343
Rate 17-21	8	1,985,082	\$230,729	\$11,565	\$0	\$0	\$0	(\$2,779)	\$0	\$239,515	\$0	\$6,155	\$245,670
Rate 17-21-3	2	31,099,619	\$181,189	\$181,189	\$0	\$0	\$0	(\$43,539)	\$0	\$2,311,452	\$0	\$30,107	\$2,341,559
SC 6M TC Multi-Family Sales	1,705	75,852,436	\$30,952,443	\$633,002	\$0	\$0	\$0	(\$1,645,998)	\$0	\$29,939,447	\$21,124,405	\$1,312,253	\$52,376,105
SC 6C TC Comm / Ind Sales	101	9,827,444	\$4,166,739	\$80,226	\$0	\$0	\$0	(\$213,256)	\$0	\$4,033,709	\$2,685,464	\$6,891,844	\$12,671,055
SC 6G TC Governmental Sales	302	21,946,919	\$9,650,473	\$184,881	\$0	\$0	\$0	(\$476,248)	\$0	\$9,359,106	\$6,172,674	\$399,140	\$15,930,920
SC 18-6M TC Multi-Family Transport	243	15,829,300	\$6,092,758	\$51,164	\$0	\$0	\$0	(\$343,496)	\$0	\$5,800,427	\$0	\$45,061	\$5,949,488
SC 18-6C Comm / Ind Transport	28	4,550,950	\$1,855,323	\$14,881	\$0	\$0	\$0	(\$98,756)	\$0	\$1,771,448	\$0	\$45,523	\$1,816,971
SC 18-6G TC Governmental Transport	1	112,119	\$47,537	\$362	\$0	\$0	\$0	(\$2,433)	\$0	\$45,466	\$0	\$1,168	\$46,634
SC 18 Small Electric Generator Transport	4	26,207,448	\$8,650,860	\$0	\$0	\$0	\$0	\$0	\$0	\$8,650,860	\$0	\$0	\$8,650,860
SC 20 Large Generator Transport	2	11,496,000	\$2,084,176	\$0	\$0	\$0	\$0	\$0	\$0	\$2,084,176	\$0	\$0	\$2,084,176
Revenue Subtotal	1,272,654	1,705,682,283	\$1,197,319,988	\$19,077,419	\$18,557,009	\$254,480	\$10,735,036	(\$40,493,818)	\$0	\$1,205,450,113	\$460,172,962	\$62,260,641	\$1,727,883,717
Edgar Discount										(\$859,247)			(\$859,247)
Rent From Property										\$345,208			\$345,208
Late Payment Charges										\$12,024,494			\$12,024,494
Misc. Revenue Fees										\$4,173,539			\$4,173,539
Misc 3rd Party Revenue										\$801,200			\$801,200
S&A Burdens										\$196,572			\$196,572
Billing Service Fee										\$21,685,929			\$21,685,929
Newtown Creek										\$0			\$0
Joint Facilities										(\$8,744,482)			(\$8,744,482)
Geothermal										\$3,300			\$3,300
SIFill Station										\$0			\$0
Revenue Total			\$1,197,319,988	\$19,077,419	\$18,557,009	\$254,480	\$10,735,036	(\$40,493,818)	\$29,626,513	\$1,235,076,626	\$460,172,962	\$62,260,641	\$1,757,510,229

THE BROOKLYN UNION GAS COMPANY d/b/a National Grid NY
Gas Revenue Exhibit
FY 2022

Class Name	1	2	3	4	5	6	7	8	9	10	11	12	13
	Customers	Therms	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (EIPS)	Clean Energy Fund	Power Gen Revenue	Tax Credit	Misc - Other	Total Delivery Revenue (3-14-18-67-78-9)	Commodity Revenue	Gross Revenue Taxes	Revenue (10-11-12)
SC 1A Resi Non Heat Sales	414,495	39,045,868	\$122,015,329	\$583,792	\$555,697	\$0	\$0	(\$3,564,888)	\$0	\$119,589,990	\$17,013,404	\$6,036,245	\$142,639,580
SC 1AR Reduced Rate Resi Non Heat Sales	78,477	6,406,833	\$21,963,555	\$95,620	\$101,415	\$0	\$0	(\$584,944)	\$0	\$21,575,647	\$2,773,392	\$1,081,566	\$25,430,605
SC 1B Resi Heat Sales	504,498	606,675,690	\$9,151,475	\$8,229,091	\$8,229,091	\$0	\$0	(\$17,593,595)	\$0	\$274,019,538	\$274,019,538	\$831,468,123	\$1,105,487,661
SC 1BR Resi Heat Reduced Rate Sales	64,167	74,357,138	\$66,054,970	\$1,120,744	\$1,148,858	\$0	\$0	(\$2,156,357)	\$0	\$66,168,215	\$33,478,386	\$3,901,466	\$103,548,067
SC 1B-DG Resi Dist Gen Sales	3	7,177	\$2,163	\$109	\$115	\$0	\$0	(\$58)	\$0	\$2,307	\$3,307	\$187	\$5,823
SC 3 Multi Family Sales	11,893	112,238,195	\$49,371,028	\$1,691,792	\$1,632,589	\$0	\$0	(\$1,402,977)	\$0	\$51,292,432	\$50,532,851	\$3,603,408	\$105,428,691
SC 2-1 Non Resi Non Heat Sales	9,201	51,928,716	\$27,202,013	\$771,880	\$789,170	\$0	\$0	(\$924,331)	\$0	\$27,838,731	\$22,096,556	\$1,262,970	\$51,198,257
SC 2-2 Non Resi Heat Sales	30,604	119,613,323	\$75,865,629	\$1,806,983	\$1,734,592	\$0	\$0	(\$2,188,924)	\$0	\$77,218,280	\$54,318,602	\$3,335,694	\$134,872,576
SC 4A High Load Factor Sales	43	5,250,680	\$1,490,602	\$65,487	\$70,907	\$0	\$0	(\$48,306)	\$0	\$1,578,690	\$1,507,531	\$77,488	\$3,163,709
SC 4A-CNG Wholesale NGV Sales	7	5,028,858	\$1,319,853	\$61,366	\$62,323	\$0	\$0	(\$50,761)	\$0	\$1,392,281	\$1,472,436	\$72,017	\$2,936,734
SC 4B Yr Round Space Conditioning Sales	38	1,353,566	\$657,901	\$17,872	\$17,468	\$0	\$0	(\$26,405)	\$0	\$666,836	\$456,799	\$28,427	\$1,152,061
SC 7 Seasonal Off-Peak Sales	1	2,716	\$960	\$30	\$199	\$0	\$0	(\$218)	\$0	\$974	\$574	\$48	\$1,593
SC 14 Retail NGV Sales	-	-	\$0	\$0	\$934	\$0	\$0	\$0	\$0	\$934	\$0	\$0	\$934
SC 17-1A Resi Non Heat Transport	62,740	14,216,495	\$25,837,069	\$75,703	\$212,970	\$0	\$0	(\$1,297,966)	\$0	\$24,827,776	\$0	\$1,158,776	\$25,986,552
SC 17-1AR Resi Non Heat Reduced Rate Transport	7,952	574,808	\$2,065,545	\$3,062	\$7,993	\$0	\$0	(\$2,480)	\$0	\$2,094,120	\$0	\$94,979	\$2,119,099
SC 17-1B Resi Heat Transport	71,501	97,654,988	\$80,436,625	\$519,302	\$1,434,217	\$0	\$0	(\$2,831,995)	\$0	\$79,558,149	\$0	\$3,671,807	\$83,229,956
SC 17-1BR Resi Heat Reduced Rate Transport	2,423	2,747,360	\$2,476,918	\$14,611	\$23,042	\$0	\$0	(\$79,673)	\$0	\$2,434,898	\$0	\$113,387	\$2,548,285
SC 17-3 Multi Family Transport	7,089	251,960,900	\$91,137,956	\$1,340,301	\$3,707,658	\$0	\$0	(\$3,149,511)	\$0	\$93,036,404	\$0	\$4,182,422	\$97,218,826
SC 17-2-1 Non Resi Non Heat Transport	4,344	58,677,670	\$25,532,836	\$312,672	\$868,653	\$0	\$0	(\$1,044,463)	\$0	\$25,669,699	\$0	\$637,344	\$26,307,043
SC 17-2-2 Non Resi Heat Transport	7,461	47,298,806	\$28,257,093	\$251,550	\$692,938	\$0	\$0	(\$865,513)	\$0	\$28,336,068	\$0	\$710,381	\$29,046,448
SC 17-4A High Load Factor Transport	65	40,028,512	\$10,525,923	\$213,320	\$721,760	\$0	\$0	(\$368,262)	\$0	\$11,092,741	\$0	\$266,516	\$11,359,257
SC 17-4A-CNG Wholesale NGV Transport	1	54,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,076	\$0	\$0	\$17,076
SC 17-4B Yr Round Space Conditioning Transport	115	1,180,762	\$778,397	\$6,285	\$16,299	\$0	\$0	(\$23,379)	\$0	\$777,603	\$0	\$19,564	\$797,167
SC 17-7 Seasonal Off-Peak Transport	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rate 21	7	3,767,469	\$403,830	\$55,521	\$0	\$0	\$0	(\$5,274)	\$0	\$454,077	\$1,552,327	\$51,561	\$2,057,965
Rate 17-21	8	2,092,017	\$241,442	\$11,156	\$0	\$0	\$0	(\$2,629)	\$0	\$249,669	\$0	\$6,416	\$256,085
Rate 17-21-3	1,676	32,774,933	\$2,215,522	\$174,771	\$0	\$0	\$0	(\$9,885)	\$0	\$2,344,808	\$0	\$30,417	\$2,375,225
SC 6M TC Multi-Family Sales	100	73,252,522	\$30,002,518	\$642,676	\$0	\$0	\$0	(\$1,589,580)	\$0	\$29,055,614	\$20,213,164	\$1,266,122	\$50,334,900
SC 6C Comm / Ind Sales	297	9,642,338	\$4,092,110	\$83,889	\$0	\$0	\$0	(\$209,239)	\$0	\$3,966,760	\$2,609,228	\$168,992	\$6,744,988
SC 6G TC Governmental Sales	240	21,223,999	\$9,352,864	\$186,979	\$0	\$0	\$0	(\$460,561)	\$0	\$9,079,282	\$5,914,395	\$385,312	\$15,378,988
SC 18-6M TC Multi-Family Transport	28	15,388,649	\$5,936,448	\$47,985	\$0	\$0	\$0	(\$33,934)	\$0	\$5,650,499	\$0	\$145,208	\$5,795,707
SC 18-6C Comm / Ind Transport	1	4,488,177	\$1,831,237	\$345	\$0	\$0	\$0	(\$97,393)	\$0	\$1,747,873	\$0	\$44,910	\$1,792,791
SC 18-6G TC Governmental Transport	4	26,207,448	\$110,633	\$345	\$0	\$0	\$0	(\$2,401)	\$0	\$44,910	\$0	\$1,154	\$46,065
SC 18 Small Electric Generator Transport	2	11,496,000	\$2,084,176	\$0	\$0	\$0	\$0	\$0	\$0	\$8,650,860	\$0	\$8,650,860	\$8,650,860
SC 20 Large Electric Generator Transport	2	11,496,000	\$2,084,176	\$0	\$0	\$0	\$0	\$0	\$0	\$2,084,176	\$0	\$2,084,176	\$2,084,176
Revenue Subtotal	1,279,484	1,736,721,435	\$1,213,530,655	\$19,321,306	\$22,028,887	\$0	\$10,735,036	(\$41,002,202)	\$0	\$1,224,613,683	\$487,962,489	\$63,618,032	\$1,776,194,203
Edgar Discount													(\$915,732)
Rent From Property													\$346,059
Late Payment Charges													\$12,357,298
Misc Revenue Fees													\$4,260,766
Misc 3rd Party Revenue													\$817,945
S&A Burdens													\$200,681
Billing Service Fee													\$21,802,305
Newtown Creek													\$5,933,908
Joint Facilities													(\$8,744,482)
Geothermal													\$9,900
SI Fill Station													\$55,399
Revenue Total			\$1,213,530,655	\$19,321,306	\$22,028,887	\$0	\$10,735,036	(\$41,002,202)	\$36,124,047	\$1,260,737,730	\$487,962,489	\$63,618,032	\$1,812,318,251

THE BROOKLYN UNION GAS COMPANY d/b/a National Grid NY
Gas Revenue Exhibit
FY 2023

Class Name	1	2	3	4	5	6	7	8	9	10	11	12	13
	Customers	Therms	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (EETPS)	Clean Energy Fund	Power Gen Revenue	Tax Credit	Misc - Other	Total Delivery Revenue Col (3+4+5+6+7+8+9)	Commodity Revenue	Gross Revenue Taxes	Revenue (10+11+12)
SC 1A Resi Non Heat Sales	412,235	38,694,047	\$121,161,048	\$561,136	\$690,437	\$0	\$0	(\$3,532,766)	\$0	\$118,879,854	\$17,431,996	\$6,007,662	\$142,319,512
SC 1AR Reduced Rate Resi Non Heat Sales	78,049	6,345,577	\$21,809,199	\$91,809	\$126,002	\$0	\$0	(\$579,351)	\$0	\$21,447,659	\$2,847,770	\$1,076,366	\$25,371,795
SC 1B Resi Heat Sales	510,018	61,209,812	\$531,572,929	\$8,967,036	\$10,511,508	\$0	\$0	(\$17,749,152)	\$0	\$533,302,318	\$281,466,952	\$31,686,493	\$846,455,763
SC 1BR Resi Heat Reduced Rate Sales	64,869	75,016,265	\$66,705,889	\$1,097,989	\$1,467,200	\$0	\$0	(\$2,175,472)	\$0	\$67,095,607	\$34,436,174	\$3,955,280	\$105,487,061
SC 1B-D Resi Dist Gen Sales	3	7,162	\$2,161	\$106	\$145	\$0	\$0	(\$58)	\$0	\$2,354	\$3,333	\$188	\$5,875
SC 3 Multi Family Sales	12,131	117,406,250	\$51,435,800	\$1,718,553	\$2,184,534	\$0	\$0	(\$1,467,578)	\$0	\$53,871,309	\$53,846,915	\$3,783,554	\$111,501,778
SC 2-1 Non Resi Non Heat Sales	9,420	53,899,788	\$28,152,229	\$775,816	\$995,951	\$0	\$0	(\$959,416)	\$0	\$28,940,580	\$23,940,213	\$1,333,968	\$54,238,760
SC 2-2 Non Resi Non Heat Sales	31,334	123,382,538	\$78,132,346	\$1,810,771	\$2,187,361	\$0	\$0	(\$2,257,900)	\$0	\$79,872,577	\$56,875,820	\$3,457,986	\$140,206,384
SC 4A High Load Factor Sales	43	5,237,802	\$1,487,539	\$62,870	\$88,999	\$0	\$0	(\$48,188)	\$0	\$1,591,220	\$1,537,416	\$78,123	\$3,206,750
SC 4A-CNG Wholesale NGV Sales	8	5,070,808	\$1,331,206	\$59,514	\$78,647	\$0	\$0	(\$51,215)	\$0	\$1,418,153	\$1,517,818	\$78,123	\$3,009,399
SC 4B Yr Round Space Conditioning Sales	38	1,339,177	\$660,657	\$17,350	\$21,961	\$0	\$0	(\$26,516)	\$0	\$673,453	\$469,173	\$28,799	\$1,171,425
SC 7 Seasonal Off-Peak Sales	1	2,670	\$951	\$28	\$251	\$0	\$0	(\$214)	\$0	\$1,179	\$565	\$48	\$1,719
SC 17A-CNG	-	-	\$0	\$0	\$1,179	\$0	\$0	\$0	\$0	\$1,179	\$0	\$0	\$1,179
SC 14 Retail NGV Sales	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SC 17-1A Resi Non Heat Transport	62,398	14,080,146	\$72,822	\$94,822	\$264,514	\$0	\$0	(\$1,285,517)	\$0	\$24,686,364	\$0	\$1,149,741	\$25,836,105
SC 17-1AR Resi Non Heat Reduced Rate Transp	7,909	569,086	\$2,052,051	\$2,946	\$9,898	\$0	\$0	(\$51,958)	\$0	\$2,012,938	\$0	\$94,365	\$2,107,302
SC 17-1B Resi Heat Transport	72,284	98,518,160	\$81,224,061	\$507,519	\$1,832,423	\$0	\$0	(\$2,857,027)	\$0	\$80,706,977	\$0	\$3,707,346	\$84,414,323
SC 17-1BR Resi Heat Reduced Rate Transp	2,450	2,771,775	\$2,501,332	\$14,284	\$30,098	\$0	\$0	(\$80,381)	\$0	\$2,465,333	\$0	\$114,496	\$2,579,829
SC 17-2 Multi Family Transport	7,231	263,765,300	\$95,225,160	\$1,360,225	\$4,963,204	\$0	\$0	(\$3,297,066)	\$0	\$98,251,522	\$0	\$4,368,658	\$102,620,181
SC 17-2-1 Non Resi Non Heat Transport	4,448	60,910,395	\$26,749,093	\$315,719	\$1,096,201	\$0	\$0	(\$1,084,205)	\$0	\$26,775,808	\$0	\$659,687	\$27,435,495
SC 17-2-2 Non Resi Heat Transport	7,659	48,815,476	\$29,124,620	\$351,650	\$973,839	\$0	\$0	(\$893,323)	\$0	\$29,356,775	\$0	\$73,962	\$30,089,737
SC 17-4A High Load Factor Transport	66	39,931,982	\$10,366,714	\$207,685	\$906,123	\$0	\$0	(\$367,558)	\$0	\$11,252,364	\$0	\$265,881	\$11,518,244
SC 17-4A-CNG Wholesale NGV Transport	1	33,776	\$16,973	\$0	\$0	\$0	\$0	\$0	\$0	\$16,973	\$0	\$0	\$16,973
SC 17-4B Yr Round Space Conditioning Transport	115	1,182,424	\$780,182	\$6,108	\$20,663	\$0	\$0	(\$23,412)	\$0	\$783,541	\$0	\$19,605	\$803,146
SC 17-7 Seasonal Off-Peak Transport	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rate 21	7	3,773,745	\$404,673	\$53,655	\$0	\$0	\$0	(\$5,283)	\$0	\$453,044	\$1,650,652	\$54,061	\$2,157,758
Rate 17-21	8	2,111,661	\$243,344	\$10,967	\$0	\$0	\$0	(\$2,956)	\$0	\$251,355	\$0	\$6,459	\$257,814
Rate 17-21-3	2	33,082,682	\$2,223,299	\$171,823	\$0	\$0	\$0	(\$46,316)	\$0	\$2,348,807	\$0	\$30,424	\$2,379,231
SC 6M TC Multi-Family Sales	1,620	69,625,708	\$28,615,540	\$590,738	\$0	\$0	\$0	(\$1,510,878)	\$0	\$27,695,400	\$19,643,118	\$1,216,518	\$48,555,036
SC 6G TC Comm / Ind Sales	96	9,045,036	\$3,847,365	\$75,897	\$0	\$0	\$0	(\$196,277)	\$0	\$3,726,984	\$2,495,506	\$159,907	\$6,382,397
SC 6G TC Governmental Sales	287	20,257,540	\$8,940,903	\$172,808	\$0	\$0	\$0	(\$439,589)	\$0	\$8,674,122	\$5,776,670	\$371,360	\$14,822,152
SC 18-6M TC Multi-Family Transport	232	14,525,212	\$5,625,237	\$44,605	\$0	\$0	\$0	(\$315,197)	\$0	\$5,354,645	\$0	\$137,605	\$5,492,250
SC 18-6G TC Comm / Ind Transport	27	4,365,573	\$1,782,091	\$13,430	\$0	\$0	\$0	(\$94,733)	\$0	\$1,700,789	\$0	\$43,707	\$1,744,496
SC 18-6G TC Governmental Transport	1	108,955	\$46,323	\$335	\$0	\$0	\$0	(\$2,364)	\$0	\$44,283	\$0	\$1,138	\$45,431
SC 18 Small Electric Generator Transport	4	26,207,448	\$8,650,860	\$0	\$0	\$0	\$8,650,860	\$0	\$0	\$8,650,860	\$0	\$0	\$8,650,860
SC 20 Large Electric Generator Transport	2	11,496,000	\$2,084,176	\$0	\$0	\$0	\$2,084,176	\$0	\$0	\$2,084,176	\$0	\$0	\$2,084,176
Revenue Subtotal	1,284,975	1,763,659,978	\$1,227,695,460	\$19,035,592	\$28,351,129	\$0	\$10,735,036	(\$41,401,871)	\$0	\$1,244,415,347	\$503,940,092	\$64,615,166	\$1,812,970,605
Edgar Discount	-	-	\$0	\$0	\$0	\$0	\$0	\$0	(\$997,547)	\$0	\$0	\$0	(\$997,547)
Rent From Property	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$346,908	\$346,908	\$0	\$0	\$346,908
Late Payment Charges	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$12,614,310	\$12,614,310	\$0	\$0	\$12,614,310
Misc. Revenue Fees	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$4,347,686	\$4,347,686	\$0	\$0	\$4,347,686
Misc 3rd Party Revenue	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$834,631	\$834,631	\$0	\$0	\$834,631
S&A Burdens	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$204,775	\$204,775	\$0	\$0	\$204,775
Billing Service Fee	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$21,895,865	\$21,895,865	\$0	\$0	\$21,895,865
Newtown Creek	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$5,930,908	\$5,930,908	\$0	\$0	\$5,930,908
Joint Facilities	-	-	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,744,482)	(\$8,744,482)	\$0	\$0	(\$8,744,482)
Geothermal	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$22,000	\$22,000	\$0	\$0	\$22,000
SI Fill Station	-	-	\$0	\$0	\$0	\$0	\$0	\$0	\$1,912,938	\$1,912,938	\$0	\$0	\$1,912,938
Revenue Total			\$1,227,695,460	\$19,035,592	\$28,351,129	\$0	\$10,735,036	(\$41,401,871)	\$8,367,991	\$1,282,785,337	\$503,940,092	\$64,615,166	\$1,851,338,595

The Brooklyn Union Gas Company d/b/a National Grid NY
Computation of Delivery Increase for Rate Year 2, ending March 31, 2022

Line	Description	KEDNY- RY2 (\$000s)
1	Revenue Requirement	1,873,537
2	Less: GRT	(65,082)
3		<u>1,808,455</u>
4	Tax / ETIP	487,962
5	Commodity	10,735
6	Power Gen	17,126
7	MFC- Proposed	20,113
8	Billing Fee- Proposed	12,668
9	LPC- Proposed	
10	Edgar Discount	(916)
11	Rent From Property	346
12	Misc. Revenue Fees	4,261
13	Misc 3rd Party Revenue	818
14	S&A Burdens	201
15	Newtown Creek	5,934
16	Joint Facilities	(8,744)
17	Geothermal	10
18	SI Fill Station	55
19	Other Revenue	
20	Other revenue	<u>1,964</u>
21		<u>550,570</u>
22	Base Delivery Requirement	1,257,885
23	Base Delivery at Present	<u>1,213,531</u>
24		<u>44,355</u>
25		
26	Delivery Increase	<u><u>44,355</u></u>

The Brooklyn Union Gas Company d/b/a National Grid NY
Allocation of Delivery Increase for Rate Year 2, ending March 31, 2022

Line	Description	Total	SC-1A Residential NonHeat	SC-1B Residential Heat	SC-1DG Res. DG	SC-2-1 Non- Res. NonHeat	SC-2-2 Non- Res. Heat	SC-3 Multiple Family	SC-4A High Load Factor	SC-4A CNG	SC-4B Year- Round AC	SC-6C TC/IT	SC-7 Seasonal	SC-21 DG Large	SC-21 DG Sales
Step 1- Historic Rate of Return															
1	Delivery revenue present rates	1,213,531	171,881	675,367	2	52,735	104,123	140,509	12,017	1,336	1,436	51,262	1	2,216	645
3	Tax Credit	(41,002)	(5,500)	(22,662)	(0)	(1,969)	(3,054)	(4,552)	(417)	(51)	(50)	(2,693)	(0)	(46)	(8)
4	ETIP	22,029	878	10,835	0	1,658	2,428	5,340	793	63	34	0	0	0	0
5	MFC at Present rates	19,321	758	10,806	0	1,085	2,059	3,032	279	61	24	976	0	175	67
6	Delivery revenue, pro forma	1,213,879	168,017	674,347	2	53,508	105,554	144,329	12,671	1,410	1,444	49,545	1	2,345	704
8	Return at Historic Rates	4.92%	(1.15%)	4.82%	(6.75%)	21.87%	5.84%	3.97%	22.30%	60.42%	21.46%	32.38%	(22.7%)	(25.9%)	1.7%
9	Relative Return at Present Rates	1.00	(0.23)	0.98	(1.37)	4.45	1.19	0.81	4.54	12.29	4.37	6.59	(4.62)	(5.28)	0.34
Step 2- Tolerance Band for Return at Present Rates															
11	Top of Band			Relative return	1.25	6.14%		Over							
13	Bottom of Band			Relative return	0.75	3.69%		Under							
14	Within Band			Relative return		3.69%-6.14%		Within							
Step 3- Position of Classes / Tolerance Band															
16	Under			Within	Under	Over	Within	Within	Over	Over	Over	TC	Under	DG	DG
19	Proposed Increase %	61,133	8.7%	6.6%	8.7%	0.0%	6.6%	6.6%	0.0%	0.0%	0.0%	(29.7%)	8.7%	6.6%	6.6%
20	Change in Pro Forma	(2,195)	(93)	(1,329)	(0)	(126)	(240)	(303)	(20)	(5)	(2)	(57)	(0)	(12)	(8)
22	Change due to Tax/ ETIP	18,973	4,622	11,826	(0)	311	627	(788)	(376)	(12)	16	2,693	0	46	8
24	Distribution Revenue Change	44,355	10,091	34,018	0	(185)	6,581	10,618	396	17	(14)	(17,336)	0	121	46
25	Proposed Delivery Revenue	1,257,885	181,972	709,385	3	52,550	110,704	151,127	12,413	1,354	1,422	33,926	1	2,337	691
Allocation of Surcredit															
28	Revenue base for Surcredit	1,156,220	181,972	709,385	3		110,704	151,127					1	2,337	691
29	Share of Revenue	100.00%	15.74%	61.35%	0.00%	0.00%	9.57%	13.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.20%	0.06%
30	Allocate Surcredit	(23,582)	(3,712)	(14,469)	(0)	0	(2,258)	(3,082)	0	0	0	0	(0)	(48)	(14)
New Rates (8 Months)															
33	Annual Revenue Target	1,257,885	181,972	709,385	3	52,550	110,704	151,127	12,413	1,354	1,422	33,926	1	2,337	691
34	Revenue Before New Rates	327,718	54,282	179,210	1	16,790	24,907	34,223	3,861	453	374	12,720	0	711	187
35	New Rates Revenue Target	930,168	127,690	530,175	2	35,760	85,797	116,904	8,552	901	1,048	21,206	1	1,627	504
36	New Rates Revenue Billed	930,178	127,692	530,183	2	35,760	85,797	116,909	8,552	901	1,048	21,203	1	1,626	504
37	Annual Revenue	1,257,896	181,974	709,393	3	52,550	110,703	151,132	12,413	1,354	1,422	33,923	1	2,337	691
38	Compare to Annual Target	10	1	8	0	(0)	(0)	5	(0)	0	(0)	(3)	(0)	(0)	(0)

The Brooklyn Union Gas Company d/b/a National Grid NY
Computation of Delivery Increase for Rate Year 3, ending March 31, 2023

Line	Description	KEDNY- RY3 (\$000s)
1	Revenue Requirement	1,980,379
2	Less: GRT	(68,643)
3		<u>1,911,736</u>
4	Tax / ETIP	
5	Commodity	503,940
6	Power Gen	10,735
7	MFC- Proposed	16,425
8	Billing Fee- Proposed	20,200
9	LPC- Proposed	13,098
10	Edgar Discount	(998)
11	Rent From Property	347
12	Misc. Revenue Fees	4,348
13	Misc 3rd Party Revenue	835
14	S&A Burdens	205
15	Newtown Creek	5,931
16	Joint Facilities	(8,744)
17	Geothermal	22
18	SI Fill Station	1,913
19	Other Revenue	<u>3,858</u>
20	Other revenue	568,256
21		
22	Base Delivery Requirement	1,343,481
23	Base Delivery at Present	1,273,839
24		<u>69,641</u>
25		
26	Delivery Increase	<u><u>69,641</u></u>

The Brooklyn Union Gas Company d/b/a National Grid NY
 MFC Components from Historic ECOSS (\$000s)

Line	Calculations for MFC	Costs	% to MFC	In MFC
1	Procurement Function	2,060	100.00%	2,060
2	Collections Function	11,810	40.53%	4,786
3	Promotion Function	842	40.53%	341
4		<u>14,711</u>		<u>7,187</u>
5				
6	Delivery revenue	1,037,677	60.65%	
7	Commodity	693,363	40.53%	
8	MFC	18,065	1.06%	
9	Newtown Creek	0	0.00%	
10	Tax Credit	(38,219)	(2.23%)	
11		<u>1,710,886</u>	<u>100.00%</u>	
12				
13				
14				

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surrecredit Full Year	Surrecredit 7 Months
	Total	Total	Total	Total		
1						
2	1A					
3	Cust	563,664	563,664			
4	Block 1	14,009,979	14,009,979			
5	Block 2	25,969,317	25,969,317			
6	Block 3	20,264,709	20,264,709			
7	Sales (Dth)	60,244,004	60,244,004			
8	Tariff Rates					
9	Block 1	\$ 16.25	\$ 16.25			
10	Block 2	\$ 1.7273	\$ 2.0157		Block 2 \$ (0.1061) \$	(0.1586)
11	Block 3	\$ 0.7690	\$ 0.8974		Block 3 \$ (0.0472) \$	(0.0706)
12						
13	Revenue (\$000)					
14	Block 1 \$	\$ 111,441,136	\$ 111,441,136		Target \$ (3,711,517) \$	(3,711,517)
15	Block 2 \$	\$ 44,856,801	\$ 52,346,352		% (5.26%)	(7.35%)
16	Block 3 \$	\$ 15,583,561	\$ 18,185,550		Proof \$ (3,711,839) \$	(3,710,737)
17	Delivery Rev	\$171,881,498	\$181,973,038			
18			Target	181,972,247		
19						
20	1B					
21	Cust	642,590	642,590			
22	Block 1	22,950,108	22,950,108			
23	Block 2	270,631,253	270,631,253			
24	Block 3	487,853,815	487,853,815			
25	Sales (Dth)	781,435,176	781,435,176			
26	Tariff Rates					
27	Block 1	\$ 21.55	\$ 21.55			
28	Block 2	\$ 1.1429	\$ 1.1946		Block 2 \$ (0.0320) \$	(0.0440)
29	Block 3	\$ 0.4050	\$ 0.4460		Block 3 \$ (0.0119) \$	(0.0164)
30						
31	Revenue (\$000)					
32	Block 1 \$	\$ 168,481,634	\$ 168,481,634		Target \$ (14,468,659) \$	(14,468,659)
33	Block 2 \$	\$ 309,304,459	\$ 323,296,094		% (2.68%)	(3.61%)
34	Block 3 \$	\$ 197,580,795	\$ 217,582,802		Proof \$ (14,465,660) \$	(14,453,752)
35	Delivery Rev	\$675,366,888	\$709,360,530			
36			Target	709,384,920		

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Delivery Rates	Present Rates	Forecast					Forecast				
			7 Months	5 Months	Total RY2	Apr-21	May-21		Jun-21	Jul-21	Aug-21	
1												
2	1A	Cust	562,228	565,675	563,664	566,197	565,909	565,866	566,028	564,373		
3		Block 1	8,393,226	5,616,752	14,009,979	1,206,586	1,149,766	1,106,721	1,080,655	1,073,024		
4		Block 2	16,928,846	9,040,471	25,969,317	2,558,779	1,995,063	1,615,429	1,456,300	1,414,900		
5		Block 3	14,530,059	5,734,650	20,264,709	2,162,739	1,240,656	819,062	731,146	781,046		
6		Sales (Dth)	39,852,132	20,391,873	60,244,004	5,928,104	4,385,486	3,541,212	3,268,101	3,268,969		
7			39,852,132	Check								
8		Tariff Rates										
9		Block 1	\$ 16.25									
10		Block 2	\$ 2.1586									
11		Block 3	\$ 0.9610									
12												
13		Revenue (\$000)										
14		Block 1	\$ 64,841,727	\$ 46,599,409	\$ 111,441,136	\$ 9,328,489	\$ 9,323,744	\$ 9,323,035	\$ 9,325,704	\$ 9,298,437		
15		Block 2	\$ 36,542,607	\$ 15,615,606	\$ 44,856,801	\$ 4,419,779	\$ 3,446,073	\$ 2,790,331	\$ 2,515,467	\$ 2,443,956		
16		Block 3	\$ 13,963,387	\$ 4,409,946	\$ 15,583,561	\$ 1,663,147	\$ 954,065	\$ 629,859	\$ 562,251	\$ 600,624		
17		Delivery Rev	\$115,347,720	\$66,624,960	\$171,881,498	\$15,411,414	\$13,723,882	\$12,743,225	\$12,403,422	\$12,343,017		
18		Target	115,347,286	1,070878								
19												
20	1B	Cust	644,407	640,045	642,590	641,492	641,233	639,573	638,982	638,947		
21		Block 1	13,477,087	9,473,020	22,950,108	1,928,402	1,912,014	1,890,327	1,871,689	1,870,588		
22		Block 2	175,745,809	94,885,444	270,631,253	28,157,421	21,400,712	17,257,203	14,022,241	14,047,866		
23		Block 3	409,813,222	78,040,593	487,853,815	60,033,292	10,876,294	3,446,537	1,837,614	1,846,856		
24		Sales (Dth)	599,036,118	182,399,058	781,435,176	90,119,116	34,189,020	22,594,068	17,731,544	17,765,311		
25			599,036,118	Check								
26		Tariff Rates										
27		Block 1	\$ 21.55									
28		Block 2	\$ 1.2193									
29		Block 3	\$ 0.4552									
30												
31		Revenue (\$000)										
32		Block 1	\$ 98,558,896	\$ 69,922,738	\$ 168,481,634	\$ 14,016,155	\$ 14,010,496	\$ 13,974,226	\$ 13,961,313	\$ 13,960,548		
33		Block 2	\$ 214,286,864	\$ 108,444,574	\$ 309,304,459	\$ 32,181,116	\$ 24,458,874	\$ 19,723,258	\$ 16,026,020	\$ 16,055,307		
34		Block 3	\$ 186,546,979	\$ 31,606,440	\$ 197,580,795	\$ 24,313,483	\$ 4,404,899	\$ 1,395,848	\$ 744,234	\$ 747,977		
35		Delivery Rev	\$499,392,739	\$209,973,752	\$675,366,888	\$70,510,754	\$42,874,269	\$35,093,331	\$30,731,566	\$30,763,832		
36		Target	499,411,168	1,020701								

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
1							
2	563,413	561,947	561,474	561,266	562,367	562,337	562,795
3	1,091,100	1,159,954	1,216,560	1,225,765	1,249,284	1,231,143	1,219,421
4	1,433,845	1,808,414	2,411,365	2,655,516	3,015,251	2,950,754	2,653,701
5	730,230	899,568	1,569,861	2,515,297	3,383,024	3,218,051	2,214,027
6	3,255,175	3,867,937	5,197,787	6,396,577	7,647,559	7,399,947	6,087,149
7							
8							
9							
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32							
33							
34							
35							
36							

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surrecredit Full Year	Surrecredit 7 Months
	Total		Total			
37						
38						
39						
40						
41						
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IDG

Cust	3	3
Block 1	108	108
Block 2	7,069	7,069
Block 3	-	-
Sales (Dth)	7,177	7,177

Tariff Rates		
Block 1	\$ 32.93	\$ 32.93
Block 2	\$ 0.1360	\$ 0.1882
Block 3		

Revenue (\$000)		
Block 1 \$	\$ 1,202	\$ 1,202
Block 2 \$	\$ 961	\$ 1,330
Block 3 \$	\$ -	\$ -
Delivery Rev	\$2,163	\$2,532
		Target 2,532

3M

Cust	18,982	18,982
Block 1	679,986	679,986
Block 2	117,297,381	117,297,381
Block 3	246,221,728	246,221,728
Sales (Dth)	364,199,095	364,199,095

Tariff Rates		
Block 1	\$ 39.51	\$ 39.51
Block 2	\$ 0.4404	\$ 0.4582
Block 3	\$ 0.3238	\$ 0.3584

Revenue (\$000)		
Block 1 \$	\$ 9,124,622	\$ 9,124,622
Block 2 \$	\$ 51,657,766	\$ 53,745,660
Block 3 \$	\$ 79,726,595	\$ 88,245,867
Delivery Rev	\$140,508,984	\$151,116,149
		Target 151,127,212

Block 2 \$	\$ (0.0099)	\$ (0.0135)
Block 3 \$	\$ (0.0078)	\$ (0.0105)
Target \$	\$ (3,082,400)	\$ (3,082,400)
%	(2.17%)	(2.87%)
Proof \$	\$ (3,081,774)	\$ (3,077,630)

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
37							
38	3	3	3	3	3	3	3
39	9	9	9	9	9	9	9
40	90	155	504	1,124	1,638	1,591	843
41	-	-	-	-	-	-	-
42	99	164	513	1,133	1,647	1,600	852
43							
44							
45							
46							
47							
48							
49							
50	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
51	\$ 12	\$ 21	\$ 69	\$ 153	\$ 223	\$ 216	\$ 115
52							
53	\$112	\$121	\$169	\$253	\$323	\$317	\$215
54							
55							
56	18,925	18,963	18,977	19,070	19,125	19,167	19,180
57	55,958	56,327	56,873	57,218	57,309	57,531	57,551
58	4,557,291	5,517,237	10,882,665	13,783,095	15,978,560	15,545,920	13,668,054
59	4,159,659	5,819,423	22,411,189	34,614,338	47,114,031	44,202,049	32,016,116
60	8,772,907	11,392,987	33,350,726	48,454,651	63,149,900	59,805,500	45,741,721
61							
62							
63							
64							
65							
66							
67							
68	\$ 758,112	\$ 759,634	\$ 760,195	\$ 763,920	\$ 766,124	\$ 767,806	\$ 768,327
69	\$ 2,007,031	\$ 2,429,791	\$ 4,792,725	\$ 6,070,075	\$ 7,036,958	\$ 6,846,423	\$ 6,019,411
70	\$ 1,346,897	\$ 1,884,329	\$ 7,256,743	\$ 11,208,123	\$ 15,255,523	\$ 14,312,623	\$ 10,366,818
71	\$4,112,040	\$5,073,755	\$12,809,663	\$18,042,118	\$23,058,605	\$21,926,853	\$17,154,556
72							
73							

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Description	Current Rates		Proposed Rates- Full Year		Surrecredit Full Year	Surrecredit 7 Months
		Total	Total	Total	Total		
74	2Non Cust	13,545	13,545				
75	Block 1	465,172	465,172				
76	Block 2	10,906,704	10,906,704				
77	Block 3	69,893,505	69,893,505				
78	Block 4	29,341,004	29,341,004				
79	Sales (Dth)	110,606,386	110,606,386				
80							
81	Tariff Rates						
82	Block 1	\$ 37.55	\$ 37.55				
83	Block 2	\$ 0.6527	\$ 0.6301			\$ -	\$ -
84	Block 3	\$ 0.4506	\$ 0.4388			\$ -	\$ -
85	Block 4	\$ 0.2704	\$ 0.3006			\$ -	\$ -
86							
87	Revenue (\$000)						
88	Block 1 \$	\$ 6,188,222	\$ 6,188,222			\$ -	\$ -
89	Block 2 \$	\$ 7,118,806	\$ 6,872,314			0.00%	0.00%
90	Block 2 \$	\$ 31,494,014	\$ 30,669,270				
91	Block 3 \$	\$ 7,933,808	\$ 8,819,906				
92	Delivery Rev	\$52,734,849	\$52,549,712				
93			Target	52,550,253			
94							
95	2H Cust	38,065	38,065				
96	Block 1	1,090,330	1,090,330				
97	Block 2	20,241,091	20,241,091				
98	Block 3	87,546,351	87,546,351				
99	Block 4	58,031,357	58,031,357				
100	Sales (Dth)	166,909,129	166,909,129				
101							
102	Tariff Rates						
103	Block 1	\$ 37.55	\$ 37.55				
104	Block 2	\$ 0.6949	\$ 0.6948			\$ (0.0168)	\$ (0.0220)
105	Block 3	\$ 0.5757	\$ 0.6194			\$ (0.0150)	\$ (0.0196)
106	Block 4	\$ 0.3837	\$ 0.4312			\$ (0.0104)	\$ (0.0137)
107							
108	Revenue (\$000)						
109	Block 1 \$	\$ 17,390,122	\$ 17,390,122			\$ (2,257,919)	\$ (2,257,919)
110	Block 2 \$	\$ 14,065,534	\$ 14,063,510			(2.42%)	(3.11%)
111	Block 3 \$	\$ 50,400,434	\$ 54,226,210			\$ (2,256,772)	\$ (2,255,989)
112	Block 4 \$	\$ 22,266,632	\$ 25,023,121				
113	Delivery Rev	\$104,122,722	\$110,702,963				
114			Target	110,703,653			

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Delivery Rates	Present Rates	Forecast					Forecast			
			7 Months	5 Months	Total RY2	Apr-21	May-21		Jun-21	Jul-21	Aug-21
74	2Non	Cust	13,604	13,463	13,545	13,754	13,693	13,466	13,252	13,148	
75		Block 1	272,420	192,751	465,172	39,741	39,559	38,554	37,689	37,209	
76		Block 2	6,437,515	4,469,188	10,906,704	944,463	914,287	892,299	868,466	849,673	
77		Block 3	42,513,955	27,379,550	69,893,505	5,970,053	5,341,778	5,539,827	5,455,301	5,072,591	
78		Block 4	18,129,804	11,211,200	29,341,004	2,260,759	1,898,384	2,122,297	2,276,130	2,653,631	
79		Sales (Dth)	67,353,695	43,252,690	110,606,386	9,215,016	8,194,007	8,592,977	8,637,586	8,613,103	
80			<i>67,353,695 Check</i>								
81		Tariff Rates									
82		Block 1	\$ 37.55								
83		Block 2	\$ 0.6282								
84		Block 3	\$ 0.4375								
85		Block 4	\$ 0.2997								
86											
87		Revenue (\$000)									
88		Block 1	\$ 3,625,514	\$ 2,562,709	\$ 6,188,222	\$ 523,636	\$ 521,313	\$ 512,671	\$ 504,524	\$ 500,564	
89		Block 2/Block 3	\$ 4,044,047	\$ 2,917,039	\$ 7,118,806	\$ 616,451	\$ 596,755	\$ 582,404	\$ 566,848	\$ 554,581	
90			\$ 18,599,855	\$ 12,337,225	\$ 31,494,014	\$ 2,690,106	\$ 2,407,005	\$ 2,496,246	\$ 2,458,159	\$ 2,285,709	
91		Block 3	\$ 5,433,502	\$ 3,031,509	\$ 7,933,808	\$ 611,309	\$ 513,323	\$ 573,869	\$ 615,466	\$ 717,542	
92		Delivery Rev	\$31,702,918	\$20,848,482	\$52,734,849	\$4,441,502	\$4,038,397	\$4,165,190	\$4,144,996	\$4,058,397	
93		Target	31,701,771	0.996983							
94											
95	2H	Cust	38,230	37,832	38,065	38,652	38,479	37,841	37,242	36,948	
96		Block 1	673,826	416,504	1,090,330	110,041	103,661	80,098	62,912	59,793	
97		Block 2	13,943,077	6,298,015	20,241,091	2,547,487	1,716,484	850,625	609,646	573,773	
98		Block 3	66,830,892	20,715,459	87,546,351	11,266,629	4,683,898	1,906,296	1,504,614	1,354,023	
99		Block 4	46,668,329	11,363,028	58,031,357	6,030,877	1,994,672	1,398,719	968,116	970,644	
100		Sales (Dth)	128,116,123	38,793,006	166,909,129	19,955,033	8,498,715	4,235,737	3,145,287	2,958,233	
101			<i>128,116,123 Check</i>								
102		Tariff Rates									
103		Block 1	\$ 37.55								
104		Block 2	\$ 0.7089								
105		Block 3	\$ 0.6320								
106		Block 4	\$ 0.4400								
107											
108		Revenue (\$000)									
109		Block 1	\$ 10,188,436	\$ 7,201,686	\$ 17,390,122	\$ 1,471,541	\$ 1,464,954	\$ 1,440,665	\$ 1,417,860	\$ 1,406,667	
110		Block 2	\$ 9,884,247	\$ 4,376,490	\$ 14,065,534	\$ 1,770,249	\$ 1,192,785	\$ 591,099	\$ 423,643	\$ 398,715	
111		Block 3	\$ 42,237,123	\$ 11,925,890	\$ 50,400,434	\$ 6,486,198	\$ 2,696,520	\$ 1,097,454	\$ 866,206	\$ 779,511	
112		Block 4	\$ 20,534,065	\$ 4,359,994	\$ 22,266,632	\$ 2,314,047	\$ 765,356	\$ 536,689	\$ 371,466	\$ 372,436	
113		Delivery Rev	\$82,843,871	\$27,864,060	\$104,122,722	\$12,042,035	\$6,119,615	\$3,665,907	\$3,079,175	\$2,957,329	
114		Target	82,839,592	1.020294							

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surrecredit Full Year	Surrecredit 7 Months
	Total	Total	Total	Total		
115						
116	4HLF Cust	109	109			
117	Block 1	9,372	9,372			
118	Block 2	881,404	881,404			
119	Block 3	44,388,427	44,388,427			
120	Sales (Dth)	45,279,203	45,279,203			
121						
122	Tariff Rates					
123	Block 1	\$ 250.00	\$ 250.00			
124	Block 2	\$ 0.2756	\$ 0.2669			
125	Block 3	\$ 0.2578	\$ 0.2669			
126						
127	Revenue (\$000)					
128	Block 1 \$	\$ 330,274	\$ 330,274			
129	Block 2 \$	\$ 242,915	\$ 235,247			
130	Block 3 \$	\$ 11,443,336	\$ 11,847,271			
131	Delivery Rev	\$12,016,526	\$12,412,792			
132			Target	12,412,761		
133						
134	4CNG Cust	8	8			
135	Block 1	980	980			
136	Block 2	81,372	81,372			
137	Block 3	4,997,684	4,997,684			
138	Sales (Dth)	5,080,036	5,080,036			
139						
140	Tariff Rates					
141	Block 1	\$ 250.00	\$ 250.00			
142	Block 2	\$ 0.2756	\$ 0.2615			
143	Block 3	\$ 0.2578	\$ 0.2615			
144						
145	Revenue (\$000)					
146	Block 1 \$	\$ 25,601	\$ 25,601			
147	Block 2 \$	\$ 22,426	\$ 21,279			
148	Block 3 \$	\$ 1,288,403	\$ 1,306,894			
149	Delivery Rev	\$1,336,430	\$1,353,774			
150			Target	1,353,926		

Block 2 \$ - \$ -
Block 3 \$ - \$ -
Target \$ - \$ -
% 0.00% 0.00%
Proof \$ - \$ -

Block 2 \$ - \$ -
Block 3 \$ - \$ -
Target \$ - \$ -
% 0.00% 0.00%
Proof \$ - \$ -

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 2, ending March 31, 2022

Line	Delivery Rates 7 Months	Present Rates 5 Months	Forecast					Forecast Aug-21
			Total RY2	Apr-21	May-21	Jun-21	Jul-21	
115								
116	108	109	109	106	106	111	111	111
117	4,893	4,478	9,372	860	877	895	893	953
118	467,245	414,159	881,404	81,562	81,579	83,353	82,216	85,450
119	26,644,046	17,744,381	44,388,427	4,210,869	2,924,570	4,452,243	2,609,227	3,547,471
120	27,116,184	18,163,018	45,279,203	4,293,291	3,007,026	4,536,492	2,692,335	3,633,874
121	<i>27,116,184 Check</i>							
122	Tariff Rates							
123	\$ 250.00							
124	\$ 0.2727							
125	\$ 0.2727							
126								
127	Revenue (\$000)							
128	\$ 192,132	\$ 138,142	\$ 330,274	\$ 26,868	\$ 26,868	\$ 28,135	\$ 28,135	\$ 28,135
129	\$ 127,418	\$ 114,142	\$ 242,915	\$ 22,478	\$ 22,483	\$ 22,972	\$ 22,659	\$ 23,550
130	\$ 7,265,831	\$ 4,574,501	\$ 11,443,336	\$ 1,085,562	\$ 753,954	\$ 1,147,788	\$ 672,659	\$ 914,538
131	\$7,585,381	\$4,826,786	\$12,016,526	\$1,134,909	\$803,305	\$1,198,896	\$723,453	\$966,223
132	7,585,975	1,021,813						
133								
134	8	9	8	8	8	9	9	9
135	544	436	980	81	81	91	91	91
136	45,216	36,157	81,372	6,893	6,413	7,734	7,183	7,934
137	2,857,154	2,140,530	4,997,684	469,062	333,402	546,889	342,417	448,760
138	2,902,913	2,177,123	5,080,036	476,036	339,896	554,715	349,691	456,786
139	<i>2,902,913 Check</i>							
140	Tariff Rates							
141	\$ 250.00							
142	\$ 0.2641							
143	\$ 0.2641							
144								
145	Revenue (\$000)							
146	\$ 14,701	\$ 10,899	\$ 25,601	\$ 2,028	\$ 2,028	\$ 2,281	\$ 2,281	\$ 2,281
147	\$ 11,941	\$ 9,965	\$ 22,426	\$ 1,900	\$ 1,767	\$ 2,132	\$ 1,980	\$ 2,187
148	\$ 754,574	\$ 551,829	\$ 1,288,403	\$ 120,924	\$ 85,951	\$ 140,988	\$ 88,275	\$ 115,690
149	\$781,217	\$572,693	\$1,336,430	\$124,852	\$89,746	\$145,401	\$92,536	\$120,158
150	781,233	1,009,964						

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
115							
116	110	113	111	108	106	105	105
117	943	84	473	839	885	837	833
118	87,993	8,285	52,486	79,181	83,779	79,151	76,369
119	4,218,395	4,632,827	2,887,011	4,128,750	3,842,043	3,882,196	3,052,823
120	4,307,331	4,641,196	2,939,970	4,208,771	3,926,708	3,962,183	3,130,025
121							
122							
123							
124							
125							
126							
127							
128	\$ 27,882	\$ 28,642	\$ 28,135	\$ 27,375	\$ 26,868	\$ 26,615	\$ 26,615
129	\$ 24,251	\$ 2,283	\$ 14,465	\$ 21,822	\$ 23,090	\$ 21,814	\$ 21,047
130	\$ 1,087,502	\$ 1,194,343	\$ 744,272	\$ 1,064,392	\$ 990,479	\$ 1,000,830	\$ 787,018
131	\$1,139,635	\$1,225,269	\$786,872	\$1,113,589	\$1,040,436	\$1,049,259	\$834,680
132							
133							
134	8	9	9	8	8	8	8
135	81	91	93	78	69	52	80
136	6,762	7,975	8,224	5,679	5,330	4,818	6,427
137	453,434	459,266	361,363	470,219	390,944	426,641	295,287
138	460,277	467,332	369,680	475,976	396,343	431,512	301,794
139							
140							
141							
142							
143							
144							
145							
146	\$ 2,028	\$ 2,281	\$ 2,281	\$ 2,028	\$ 2,028	\$ 2,028	\$ 2,028
147	\$ 1,864	\$ 2,198	\$ 2,266	\$ 1,565	\$ 1,469	\$ 1,328	\$ 1,771
148	\$ 116,895	\$ 118,399	\$ 93,159	\$ 121,222	\$ 100,785	\$ 109,988	\$ 76,125
149	\$120,787	\$122,878	\$97,707	\$124,815	\$104,282	\$113,344	\$79,924
150							

Revenue (\$000)

Revenue (\$000)

Delivery Rev

Delivery Rev

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surrecredit Full Year	Surrecredit 7 Months
	Total		Total			
151						
152						
153						
154						
155						
156						
157						
158						
159						
160						
161						
162						
163						
164						
165						
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167						
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170						
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173						
174						
175						
176						
177						
178						
179						
180						
181						
182						
183						
184						
185						
186						

4B	Cust	153	153			
	Block 1	1,510	1,510			
	Block 2	203,038	203,038			
	Block 3	2,309,780	2,309,780			
	Sales (Dth)	2,514,328	2,514,328			
	Tariff Rates					
	Block 1	\$ 130.00	\$ 130.00			
	Block 2	\$ 1.2139	\$ 0.8699			
	Block 3	\$ 0.4107	\$ 0.4350			
	Revenue (\$000)					
	Block 1 \$	\$ 241,204	\$ 241,204			
	Block 2 \$	\$ 246,467	\$ 176,622			
	Block 3 \$	\$ 948,627	\$ 1,004,754			
	Delivery Rev	\$1,436,298	\$1,422,581			
			1,422,476			
7Seas	Cust	1	1			
	Block 1	36	36			
	Block 2	2,680	2,680			
	Block 3	-	-			
	Sales (Dth)	2,716	2,716			
	Tariff Rates					
	Block 1	\$ 39.51	\$ 39.51			
	Block 2	\$ 0.1787	\$ 0.2036			
	Block 3					
	Revenue (\$000)					
	Block 1 \$	\$ 481	\$ 481			
	Block 2 \$	\$ 479	\$ 546			
	Block 3 \$	\$ -	\$ -			
	Delivery Rev	\$960	\$1,026			
			1,026			

Block 2 \$ - \$
Block 3 \$ - \$
Target \$ - \$
% 0.00% 0.00%
Proof \$ - \$

Block 2 \$ (0.0078) \$ (0.0179)
Target \$ (21) \$ (21)
% (3.84%) (7.60%)
Proof \$ (21) \$ (21)

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 2, ending March 31, 2022

Line	Delivery Rates 7 Months	Present Rates 5 Months	Forecast					Forecast Aug-21
			Total RY2	Apr-21	May-21	Jun-21	Jul-21	
151								
152	152	153	153	149	149	156	156	156
153	894	615	1,510	129	130	125	125	107
154	131,255	71,783	203,038	19,708	19,036	11,860	11,105	10,073
155	1,602,354	707,427	2,309,780	187,916	67,782	130,115	147,267	174,347
156	1,734,503	779,825	2,514,328	207,753	86,947	142,101	158,497	184,528
157	<i>1,734,503 Check</i>							
158								
159	\$ 130.00							
160	\$ 0.8617							
161	\$ 0.4309							
162								
163	Revenue (\$000)							
164	\$ 140,241	\$ 100,963	\$ 241,204	\$ 19,639	\$ 19,639	\$ 20,562	\$ 20,562	\$ 20,562
165	\$ 113,102	\$ 87,137	\$ 246,467	\$ 23,924	\$ 23,108	\$ 14,397	\$ 13,480	\$ 12,228
166	\$ 690,454	\$ 290,540	\$ 948,627	\$ 77,177	\$ 27,838	\$ 53,438	\$ 60,483	\$ 71,604
167	\$943,797	\$478,641	\$1,436,298	\$120,740	\$70,585	\$88,397	\$94,524	\$104,394
168	943,836	0.990622						
169								
170	1	1	1	1	1	1	1	1
171	21	15	36	3	3	3	3	3
172	1,168	1,512	2,680	36	39	365	496	576
173	-	-	-	-	-	-	-	-
174	1,189	1,527	2,716	39	42	368	499	579
175	<i>1,189 Check</i>							
176								
177	\$ 39.51							
178	\$ 0.2359							
179								
180								
181	Revenue (\$000)							
182	\$ 280	\$ 200	\$ 481	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40
183	\$ 275	\$ 270	\$ 479	\$ 6	\$ 7	\$ 65	\$ 89	\$ 103
184								
185	\$556	\$470	\$960	\$46	\$47	\$105	\$129	\$143
186	556	1.158864						

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
151							
152	154	158	157	152	149	148	146
153	121	118	141	135	126	129	124
154	9,925	10,660	19,353	23,087	22,382	23,484	22,362
155	180,456	179,720	106,412	265,314	323,074	334,643	212,735
156	190,501	190,499	125,907	288,536	345,583	358,257	235,221
157							
158							
159							
160							
161							
162							
163							
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177							
178							
179							
180							
181							
182							
183							
184							
185							
186							
4B							
Cust	154	158	157	152	149	148	146
Block 1	121	118	141	135	126	129	124
Block 2	9,925	10,660	19,353	23,087	22,382	23,484	22,362
Block 3	180,456	179,720	106,412	265,314	323,074	334,643	212,735
Sales (Dth)	190,501	190,499	125,907	288,536	345,583	358,257	235,221
Tariff Rates							
Block 1							
Block 2							
Block 3							
Revenue (\$000)							
Block 1	\$ 20,298	\$ 20,825	\$ 20,693	\$ 20,034	\$ 19,639	\$ 19,507	\$ 19,244
Block 2	\$ 12,048	\$ 12,941	\$ 23,493	\$ 28,026	\$ 27,170	\$ 28,507	\$ 27,145
Block 3	\$ 74,113	\$ 73,811	\$ 43,704	\$ 108,964	\$ 132,687	\$ 137,438	\$ 87,370
Delivery Rev	\$106,459	\$107,577	\$87,890	\$157,024	\$179,496	\$185,453	\$133,759
7Seas							
Cust	1	1	1	1	1	1	1
Block 1	3	3	3	3	3	3	3
Block 2	575	428	88	5	(3)	(3)	78
Block 3	-	-	-	-	-	-	-
Sales (Dth)	578	431	91	8	-	-	81
Tariff Rates							
Block 1							
Block 2							
Block 3							
Revenue (\$000)							
Block 1	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40
Block 2	\$ 103	\$ 76	\$ 16	\$ 1	\$ (1)	\$ (1)	\$ 14
Block 3							
Delivery Rev	\$143	\$116	\$56	\$41	\$40	\$40	\$54

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surredit Full Year	Surredit 7 Months
	Total	Total	Apr-Oct	Nov-Mar		
187						
188	DG					
189	Cust	15	15			
190	Block 1	1,800	1,800			
191	Block 2	5,857,686	5,857,686			
192	Sales (Dth)	5,859,486	5,859,486			
193	Tariff Rates					
194	Block 1-1 (<1MW)	# Cust 7 \$ 235.61	\$ 235.61			
195	Block 1-2 (1MW-5MW)	8 \$ 333.14	\$ 333.14			
196	Block 1-3 (5MW-50MW)					
197						
198						
199	Block 2-1 (<1MW)	Demand Apr-Oct \$ 0.0940	Nov-Mar \$ 0.1200	Demand Apr-Oct \$ 0.0997	Nov-Mar \$ 0.1272	Apr-Oct \$ (0.0022)
200	Block 2-2 (1MW-5MW)	\$ 0.0940	\$ 0.1200	\$ 0.0997	\$ 0.1272	Nov-Mar \$ (0.0028)
201	Block 2-3 (5MW-50MW)					
202						
203						
204	Block 1-1 (<1MW)	Apr-Oct 490	Nov-Mar 350			
205	Block 1-2 (1MW-5MW)	560	400			
206	Block 1-3 (5MW-50MW)					
207		1,050	750			
208						
209						
210	Block 2-1 (<1MW)	Demand Apr-Oct 2,624,297	Nov-Mar 1,142,332			
211	Block 2-2 (1MW-5MW)	1,246,815	844,242			
212	Block 2-3 (5MW-50MW)					
213		3,871,112	1,986,574			
214	Revenue (\$000)					
215	Block 1	\$ 52,492	\$ 52,492	\$ 52,492	\$ 52,492	\$ (14,097)
216	Block 2	\$ 602,273	\$ 602,273	\$ 638,642	\$ 638,642	\$ (2,21%)
217	Demand	\$ -	\$ -	\$ -	\$ -	\$ (14,079)
218	Delivery Rev	\$ 654,765	\$ 654,765	\$ 691,134	\$ 691,134	\$ (14,097)
219				Target 691,140		

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surrecredit Full Year	Surrecredit 7 Months
	Total	# Cust	Total	Total		
220						
221	21L Cust	2	2	2		
222	Block 1	240	240	240		
223	Block 2	32,774,693	32,774,693	32,774,693		
224	Sales (Dth)	32,774,933	32,774,933	32,774,933		
225						
226	Tariff Rates					
227	Block 1-1 (<1MW)					
228	Block 1-2 (1MW-5MW)					
229	Block 1-3 (5MW-50MW)	2	2	\$ 771.69	\$ 771.69	
230						
231	Demand	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar	
232	Block 2-1 (<1MW)					
233	Block 2-2 (1MW-5MW)					
234	Block 2-3 (5MW-50MW)					
235		\$ 0.0230	\$ 0.0320	\$ 4,657.87	\$ 0.0243	\$ 0.0338
236	Demand	Apr-Oct	Nov-Mar			
237	Block 1-1 (<1MW)					
238	Block 1-2 (1MW-5MW)					
239	Block 1-3 (5MW-50MW)	140	100			
240		140	100			
241						
242	Demand	Apr-Oct	Nov-Mar			
243	Block 2-1 (<1MW)					
244	Block 2-2 (1MW-5MW)					
245	Block 2-3 (5MW-50)	25	13,232,623	13,232,623		
246			13,232,623			
247	Revenue (\$000)					
248	Block 1		\$ 18,778	\$ 18,778	\$ (47,671)	\$ (47,671)
249	Block 2		\$ 872,912	\$ 922,135	\$ (5,17%)	\$ (8.11%)
250	Demand		\$ 1,324,200	\$ 1,397,361	\$ (47,900)	\$ (46,939)
251	Delivery Rev		\$ 2,215,889	\$ 2,338,274		
252			Target	2,337,280		

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	C-I-G	M	C-I-G	M		
253						
254	426	1,916	426	1,916		2,342
255	51,120	229,930	48,564	218,434		266,998
256			2,556	11,497		14,053
257	35,414,027	88,411,241	33,643,325	83,990,679		117,634,004
258			1,770,701	4,420,562		6,191,263
259			5.0%	5.0%		124,106,318
260		1,797				
261	Customers under					
262	Tier 2 Customers		22	2		
263	Tariff Rates					
264	Block 1-Under	\$ 300.00	\$ 0.4312	\$ 375.00		
265	Block 1-Over	\$ 375.00	\$ 0.3584	Applicable		
266	Block 2 C, G	\$ 0.3837	\$ 0.2156	\$ 0.1792		50.0%
267	Block 2 M	\$ 0.3238	\$ 0.1725	\$ 0.1434		60.0%
268	Revenue (\$000)					
269	Block 1	\$ 9,046,221	\$ 1,943,625	\$ 8,742,130	\$ 10,685,755	
270	Block 2	\$ 42,215,922	\$ 7,558,947	\$ 15,685,038	\$ 23,243,985	
271	Delivery Rev	\$ 51,262,143	\$ 9,502,572	\$ 24,427,168	\$ 33,929,740	
272	Revenue Present	1,213,540,115	Revenue Prop	1,257,854,246	Surcredit	(23,578,096)
273	Sales (Dth)	1,699,017,986	Target	1,257,885,409	Target	(23,582,336)

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
253	2,342	2,342	2,342	2,342	2,342	2,342	2,342
254	2,298,978	3,151,814	7,184,987	11,575,783	15,906,116	15,101,923	10,700,815
255	1,270,563	1,342,642	2,527,334	4,329,819	6,432,911	5,877,754	4,104,768
256	1,797	1,797	1,797	1,797	1,797	1,797	1,797
257	2,184,029	2,994,223	6,825,737	10,996,994	15,110,810	14,346,827	10,165,774
258	1,207,035	1,275,510	2,400,968	4,113,328	6,111,266	5,583,866	3,899,530
259	114,949	157,591	359,249	578,789	795,306	755,096	535,041
260	63,528	67,132	126,367	216,491	321,646	293,888	205,238
261							
262							
263							
264							
265							
266							
267							
268	\$ 753,852	\$ 753,852	\$ 753,852	\$ 753,852	\$ 753,852	\$ 753,852	\$ 753,852
269	\$ 1,231,924	\$ 1,535,729	\$ 3,296,237	\$ 5,409,590	\$ 7,618,708	\$ 7,145,297	\$ 5,039,923
270	\$ 1,985,776	\$ 2,289,581	\$ 4,050,089	\$ 6,163,442	\$ 8,372,560	\$ 7,899,149	\$ 5,793,775
271							
272							
273							

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

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Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit
	Total		Total		
1					
2	1A				
3	Cust	560,590	560,590		
4	Block 1	13,906,426	13,906,426		
5	Block 2	25,687,997	25,687,997		
6	Block 3	20,094,432	20,094,432		
7	Sales (Dth)	59,688,855	59,688,855		
8	Tariff Rates				
9	Block 1	\$ 16.25	\$ 16.25		
10	Block 2	\$ 2.0157	\$ 2.2682		(0.2234)
11	Block 3	\$ 0.8974	\$ 1.0615		(0.1045)
12					
13	Revenue (\$000)				
14	Block 1	\$ 110,833,348	\$ 110,833,348		
15	Block 2	\$ 51,779,296	\$ 58,265,515		
16	Block 3	\$ 18,032,743	\$ 21,330,239		
17	Delivery Rev	\$180,645,386	\$190,429,102		
18					
19					
20	20				
21	IB				
22	Cust	649,621	649,621		
23	Block 1	23,200,895	23,200,895		
24	Block 2	273,472,469	273,472,469		
25	Block 3	491,672,648	491,672,648		
26	Sales (Dth)	788,346,012	788,346,012		
27	Tariff Rates				
28	Block 1	\$ 21.55	\$ 21.55		
29	Block 2	\$ 1.1946	\$ 1.2803		(0.0680)
30	Block 3	\$ 0.4460	\$ 0.4780		(0.0254)
31	Revenue (\$000)				
32	Block 1	\$ 170,325,103	\$ 170,325,103		
33	Block 2	\$ 326,690,212	\$ 350,126,803		
34	Block 3	\$ 219,286,001	\$ 235,019,526		
35	Delivery Rev	\$716,301,316	\$755,471,432		
36					
			Target		
			755,451,461		

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit
	Total		Total		
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
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Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit
	Total		Total		
37					
38					
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The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

Line		Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit
		Total		Total		
74	2Non Cust	13,869		13,869		
75	Block 1	476,402		476,402		
76	Block 2	11,185,090		11,185,090		
77	Block 3	72,549,771		72,549,771		
78	Block 4	30,598,919		30,598,919		
79	Sates (Dth)	114,810,183		114,810,183		
80						
81	Tariff Rates					
82	Block 1	\$ 37.55	\$ 37.55	\$ 37.55	\$ (0.0310)	
83	Block 2	\$ 0.6301	\$ 0.6693	\$ 0.6693	\$ (0.0216)	
84	Block 3	\$ 0.4388	\$ 0.4661	\$ 0.4661	\$ (0.0148)	
85	Block 4	\$ 0.3006	\$ 0.3192	\$ 0.3192		
86						
87	Revenue (\$000)					
88	Block 1	\$ 6,335,940	\$ 6,335,940	\$ 6,335,940	\$ (2,363,166)	
89	Block 2/Block 3	\$ 7,047,725	\$ 7,486,181	\$ 7,486,181	\$ (4.63%)	
90		\$ 31,834,839	\$ 33,815,448	\$ 33,815,448	\$ (2,366,677)	
91	Block 3	\$ 9,198,035	\$ 9,767,175	\$ 9,767,175		
92	Delivery Rev	\$54,416,540	\$57,404,744	\$57,404,744		
93			Target	57,404,233		
94						
95	2H Cust	38,973		38,973		
96	Block 1	1,116,646		1,116,646		
97	Block 2	20,785,623		20,785,623		
98	Block 3	90,310,065		90,310,065		
99	Block 4	59,985,680		59,985,680		
100	Sates (Dth)	172,198,015		172,198,015		
101						
102	Tariff Rates					
103	Block 1	\$ 37.55	\$ 37.55	\$ 37.55	\$ (0.0358)	
104	Block 2	\$ 0.6948	\$ 0.7399	\$ 0.7399	\$ (0.0319)	
105	Block 3	\$ 0.6194	\$ 0.6596	\$ 0.6596	\$ (0.0222)	
106	Block 4	\$ 0.4312	\$ 0.4593	\$ 0.4593		
107						
108	Revenue (\$000)					
109	Block 1	\$ 17,805,026	\$ 17,805,026	\$ 17,805,026	\$ (4,952,492)	
110	Block 2	\$ 14,441,851	\$ 15,379,282	\$ 15,379,282	\$ (4.83%)	
111	Block 3	\$ 55,938,054	\$ 59,568,519	\$ 59,568,519	\$ (4,956,698)	
112	Block 4	\$ 25,865,825	\$ 27,551,423	\$ 27,551,423		
113	Delivery Rev	\$114,050,756	\$120,304,250	\$120,304,250		
114			Target	120,302,171		

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2	Proposed Rates for Rate Year 3	Surcredit
	Total	Total	
115			
116	109	109	
117	9,388	9,388	
118	882,709	882,709	
119	44,297,688	44,297,688	
120	45,189,784	45,189,784	
121			
122			
123	\$ 250.00	\$ 250.00	
124	\$ 0.2669	\$ 0.2820	
125	\$ 0.2669	\$ 0.2820	
126			
127			
128	\$ 331,035	\$ 331,035	
129	\$ 235,595	\$ 248,924	
130	\$ 11,823,053	\$ 12,491,948	
131	\$12,389,682	\$13,071,906	
132		Target	
133		13,071,417	
134			
135	9	9	
136	990	990	
137	82,143	82,143	
138	5,041,451	5,041,451	
139	5,124,585	5,124,585	
140			
141	\$ 250.00	\$ 250.00	
142	\$ 0.2615	\$ 0.2764	
143	\$ 0.2615	\$ 0.2764	
144			
145			
146	\$ 25,854	\$ 25,854	
147	\$ 21,480	\$ 22,704	
148	\$ 1,318,340	\$ 1,393,457	
149	\$1,365,674	\$1,442,016	
150		Target	
		1,442,250	
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300			

Block 2 \$ (0.0119)
 Block 3 \$ (0.0119)
 Target \$ (538,112)
 % of rates (4.22%)
 Proof \$ (537,647)

Block 2 \$ (0.0116)
 Block 3 \$ (0.0116)
 Target \$ (59,373)
 % of rates (4.19%)
 Proof \$ (59,434)

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

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Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit
	Total		Total		
151					
152					
153	Cust	153	153		
154	Block 1	1,515	1,515		
155	Block 2	203,825	203,825		
156	Block 3	2,316,261	2,316,261		
157	Sales (Dth)	2,521,601	2,521,601		
158	Tariff Rates				
159	Block 1	\$ 130.00	\$ 130.00		
160	Block 2	\$ 0.8699	\$ 0.9273		Block 2 \$ (0.0455)
161	Block 3	\$ 0.4350	\$ 0.4637		Block 3 \$ (0.0227)
162					
163	Revenue (\$000)				
164	Block 1	\$ 242,127	\$ 242,127		Target \$ (61,963)
165	Block 2	\$ 177,308	\$ 189,007		% of rates (4.91%)
166	Block 3	\$ 1,007,573	\$ 1,074,050		Proof \$ (61,853)
167	Delivery Rev	\$1,427,008	\$1,505,184		
168			Target		
169			1,505,146		
170	7Seas Cust	1	1		
171	Block 1	36	36		
172	Block 2	2,634	2,634		
173	Block 3	-	-		
174	Sales (Dth)	2,670	2,670		
175					
176	Tariff Rates				
177	Block 1	\$ 39.51	\$ 39.51		
178	Block 2	\$ 0.2036	\$ 0.2250		Block 2 \$ (0.0168)
179	Block 3				
180					
181	Revenue (\$000)				
182	Block 1	\$ 481	\$ 481		Target \$ (44)
183	Block 2	\$ 536	\$ 593		% of rates (7.45%)
184	Block 3	\$ -	\$ -		Proof \$ (44)
185	Delivery Rev	\$1,017	\$1,073		
186			Target		
			1,073		

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2				Proposed Rates for Rate Year 3				Surcredit
		Demand	Apr-Oct	Nov-Mar		Demand	Apr-Oct	Nov-Mar	
187									
188	DG								
189	Cust								
190	Block 1								
191	Block 2								
192	Sales (Dth)								
193	Tariff Rates								
194	Block 1-1 (<1MW)		# Cust						
195	Block 1-2 (1MW-5MW)		7	\$ 235.61				\$ 235.61	
196	Block 1-3 (5MW-50MW)		8	\$ 333.14				\$ 333.14	
197									
198									
199	Block 2-1 (<1MW)			\$ 0.0997	\$ 0.1272			\$ 0.1060	\$ (0.0047)
200	Block 2-2 (1MW-5MW)			\$ 0.0997	\$ 0.1272			\$ 0.1060	\$ (0.0060)
201	Block 2-3 (5MW-50MW)								
202									
203									
204	Block 1-1 (<1MW)		Apr-Oct	Nov-Mar					
205	Block 1-2 (1MW-5MW)		490	350					
206	Block 1-3 (5MW-50MW)		560	400					
207			1,050	750					
208									
209									
210	Block 2-1 (<1MW)		Apr-Oct	Nov-Mar					
211	Block 2-2 (1MW-5MW)		2,620,840	1,152,065					
212	Block 2-3 (5MW-50MW)		1,264,341	846,359					
213			3,885,182	1,998,424					
214	Revenue (\$000)								
215	Block 1		\$ 52,492	\$ 52,492				\$ 52,492	\$ (30,238)
216	Block 2		\$ 641,552	\$ 641,552				\$ 682,016	\$ (4,43%)
217	Demand		\$ -	\$ -				\$ -	\$ (30,251)
218	Delivery Rev		\$ 694,044	\$ 694,044				\$ 734,508	
219								\$ 734,510	

The Brooklyn Union Gas Company d/b/a National Grid NY
Rate Design for Rate Year 3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2			Proposed Rates for Rate Year 3			Surcredit
	Demand	Apr-Oct	Nov-Mar	Demand	Apr-Oct	Nov-Mar	
220							
221	Cust		2			2	
222	Block 1		240			240	
223	Block 2		33,082,442			33,082,442	
224	Sales (Dth)		33,082,682			33,082,682	
225							
226	Tariff Rates	# Cust					
227	Block 1-1 (<1MW)						
228	Block 1-2 (1MW-5MW)						
229	Block 1-3 (5MW-50MW)	2	\$ 771.69			\$ 771.69	
230							
231							
232	Block 2-1 (<1MW)						
233	Block 2-2 (1MW-5MW)						
234	Block 2-3 (5MW-50MW)		\$ 0.0243	\$ 0.0338		\$ 0.0257	\$ 0.0358
235			Demand	\$ 4,927.82	\$ 0.0257	\$ 0.0358	Demand
236			Apr-Oct				Apr-Oct
237			Nov-Mar				Nov-Mar
238	Block 1-1 (<1MW)						
239	Block 1-2 (1MW-5MW)		140			100	
240	Block 1-3 (5MW-50MW)		140			100	
241							
242							
243	Block 2-1 (<1MW)						
244	Block 2-2 (1MW-5MW)						
245	Block 2-3 (5MW-50)	25	\$ 19,816,646	\$ 13,265,797		\$ 18,778	\$ (102,133)
246			19,816,646	13,265,797		984,203	(10,380%)
247	Revenue (\$000)						Proof
248	Block 1		\$ 18,778	\$ 18,778		\$ 1,478,346	\$ (102,588)
249	Block 2		\$ 929,928	\$ 929,928		2,481,327	
250	Demand		\$ 1,397,361	\$ 1,397,361		2,480,947	
251	Delivery Rev		\$ 2,346,067	\$ 2,346,067			
252							

The Brooklyn Union Gas Company d/b/a National Grid NY
 Rate Design for Rate Year 3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2			Proposed Rates for Rate Year 3			Surcredit
	C-I-G	M	Total	C-I-G	M	Total	
253							
254	411	1,852	2,263	411	1,852	2,263	
255	49,370	222,180	271,550	49,370	222,180	271,550	
256	2,469	11,109		2,469	11,109		
257	32,041,348	79,732,303	117,656,475	32,041,348	79,732,303	117,656,475	
258	1,686,387	4,196,437		1,686,387	4,196,437		
259		<u>117,928,025</u>				<u>117,928,025</u>	
260	33,727,734	83,928,740	<u>1,797</u>				
261				22	2		
262							
263			\$ 375.00				
264			\$ 375.00	0.4593	\$ 0.3793		
265	0.2156	0.1792	\$ 0.3837	0.2331	\$ 0.1938	49.2%	
266	0.1725	0.1434	\$ 0.3238	0.1865	\$ 0.1551	59.4%	
267							
268	1877088.542	8,447,469	\$ 10,324,557	1,877,089	\$ 8,447,469	\$ 10,324,557	
269	7199016.263	14,889,798	\$ 22,088,814	7,783,349	\$ 16,102,988	\$ 23,886,337	
270	9076104.804	23,337,267	\$ 32,413,371	9,660,438	\$ 24,550,456	\$ 34,210,894	
271				<u>Target</u>	<u>34,208,038</u>		
272	Revenue Present		1,273,839,445	Revenue Prop		1,343,501,236	Surcredit (53,874,786)
273	Sales (Dth)		1,725,956,530	Target		1,343,480,525	Target (53,898,957)

The Brooklyn Union Gas Company d/b/a National Grid NY
Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit
2	1A		
3	Cust	560,590	
4	Block 1	13,906,426	
5	Block 2	25,687,997	
6	Block 3	20,094,432	
7	Sales (Dth)	59,688,855	
8	Tariff Rates		
9	Block 1	16.25	
10	Block 2	2.2682	Block 2 \$ -
11	Block 3	1.0615	Block 3 \$ -
12			
13	Revenue (\$000)		
14	Block 1	110,833,348	Target \$ -
15	Block 2	58,265,515	
16	Block 3	21,330,239	
17	Delivery Rev	\$190,429,102	
18			
19			
20	1B		
21	Cust	649,621	
22	Block 1	23,200,895	
23	Block 2	273,472,469	
24	Block 3	491,672,648	
25	Sales (Dth)	788,346,012	
26	Tariff Rates		
27	Block 1	21.55	
28	Block 2	1.2803	Block 2 \$ -
29	Block 3	0.4780	Block 3 \$ -
30			
31	Revenue (\$000)		
32	Block 1	170,325,103	Target \$ -
33	Block 2	350,126,803	
34	Block 3	235,019,526	
35	Delivery Rev	\$755,471,432	
36			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
 Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit
37			
38	IDG		
39	Cust	3	
40	Block 1	108	
41	Block 2	7,054	
42	Block 3	-	
43	Sales (Dth)	<u>7,162</u>	
44	Tariff Rates		
45	Block 1	32.93	
46	Block 2	0.2076	Block 2 \$ -
47	Block 3		
48			
49	Revenue (\$000)		
50	Block 1	1,202	Target \$ -
51	Block 2	1,465	
52	Block 3	-	
53	Delivery Rev	<u>\$2,666</u>	
54			
55			
56	3M		
57	Cust	19,362	
58	Block 1	693,680	
59	Block 2	121,395,327	
60	Block 3	259,082,544	
61	Sales (Dth)	<u>381,171,551</u>	
62	Tariff Rates		
63	Block 1	39.51	
64	Block 2	0.4849	Block 2 \$ -
65	Block 3	0.3793	Block 3 \$ -
66			
67	Revenue (\$000)		
68	Block 1	9,307,530	Target \$ -
69	Block 2	58,864,594	
70	Block 3	98,270,009	
71	Delivery Rev	<u>\$166,442,133</u>	
72			
73			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
 Revenue for Stay Out Period

Line	2Non	Stay Out Period	Total	Surcredit
74	Cust		13,869	
75	Block 1		476,402	
76	Block 2		11,185,090	
77	Block 3		72,549,771	
78	Block 4		30,598,919	
79	Sales (Dth)		114,810,183	
80				
81	Tariff Rates			
82	Block 1	\$ 37.55		
83	Block 2	\$ 0.6693		Block 2 \$ -
84	Block 3	\$ 0.4661		Block 3 \$ -
85	Block 4	\$ 0.3192		Block 4 \$ -
86				
87	Revenue (\$000)			
88	Block 1	\$ 6,335,940		
89	Block 2/Block 3	\$ 7,486,181		
90		\$ 33,815,448		
91	Block 3	\$ 9,767,175		
92	Delivery Rev	\$57,404,744		
93				
94				
95	2H			
96	Cust		38,973	
97	Block 1		1,116,646	
98	Block 2		20,785,623	
99	Block 3		90,310,065	
100	Block 4		59,985,680	
101	Sales (Dth)		172,198,015	
102				
103	Tariff Rates			
104	Block 1	\$ 37.55		
105	Block 2	\$ 0.7399		Block 2 \$ -
106	Block 3	\$ 0.6596		Block 3 \$ -
107	Block 4	\$ 0.4593		Block 4 \$ -
108				
109	Revenue (\$000)			
110	Block 1	\$ 17,805,026		
111	Block 2	\$ 15,379,282		
112	Block 3	\$ 59,568,519		
113	Block 4	\$ 27,551,423		
114	Delivery Rev	\$120,304,250		

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
 Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit
115			
116	Cust 109		
117	Block 1 9,388		
118	Block 2 882,709		
119	Block 3 44,297,688		
120	Sales (Dth) 45,189,784		
121			
122	Tariff Rates		
123	Block 1 250.00		
124	Block 2 0.2820	Block 2 \$	-
125	Block 3 0.2820	Block 3 \$	-
126			
127	Revenue (\$000)		
128	Block 1 331,035	Target \$	-
129	Block 2 248,924		
130	Block 3 12,491,948		
131	Delivery Rev \$13,071,906		
132			
133			
134	4CNG		
135	Cust 9		
136	Block 1 990		
137	Block 2 82,143		
138	Block 3 5,041,451		
139	Sales (Dth) 5,124,585		
140			
141	Tariff Rates		
142	Block 1 250.00		
143	Block 2 0.2764	Block 2 \$	-
144	Block 3 0.2764	Block 3 \$	-
145			
146	Revenue (\$000)		
147	Block 1 25,854	Target \$	-
148	Block 2 22,704		
149	Block 3 1,393,457		
150	Delivery Rev \$1,442,016		

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
 Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit
151			
152	Cust	153	
153	Block 1	1,515	
154	Block 2	203,825	
155	Block 3	2,316,261	
156	Sales (Dth)	2,521,601	
157			
158	Tariff Rates		
159	Block 1	130.00	
160	Block 2	0.9273	Block 2 \$ -
161	Block 3	0.4637	Block 3 \$ -
162			
163	Revenue (\$000)		
164	Block 1	242,127	Target \$ -
165	Block 2	189,007	
166	Block 3	1,074,050	
167	Delivery Rev	\$1,505,184	
168			
169			
170	7Seas Cust	1	
171	Block 1	36	
172	Block 2	2,634	
173	Block 3	-	
174	Sales (Dth)	2,670	
175			
176	Tariff Rates		
177	Block 1	39.51	
178	Block 2	0.2250	Block 2 \$ -
179	Block 3		
180			
181	Revenue (\$000)		
182	Block 1	481	Target \$ -
183	Block 2	593	
184	Block 3	-	
185	Delivery Rev	\$1,073	
186			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit
187			
188	Cust	15	
189	Block 1	1,800	
190	Block 2	5,883,606	
191	Sales (Dth)	5,885,406	
192			
193	Tariff Rates	# Cust	
194	Block 1-1 (<1MW)	7 \$	235.61
195	Block 1-2 (1MW-5MW)	8 \$	333.14
196	Block 1-3 (5MW-50MW)		
197			
198	Demand	Apr-Oct	Nov-Mar
199	Block 2-1 (<1MW)	\$ 0.1060 \$	0.1352
200	Block 2-2 (1MW-5MW)	\$ 0.1060 \$	0.1352
201	Block 2-3 (5MW-50MW)		
202			
203	Apr-Oct	Nov-Mar	
204	Block 1-1 (<1MW)	490	350
205	Block 1-2 (1MW-5MW)	560	400
206	Block 1-3 (5MW-50MW)		
207		1,050	750
208			
209	Demand	Apr-Oct	Nov-Mar
210	Block 2-1 (<1MW)	2,620,840	1,152,065
211	Block 2-2 (1MW-5MW)	1,264,341	846,359
212	Block 2-3 (5MW-50MW)		
213		3,885,182	1,998,424
214	Revenue (\$000)		
215	Block 1	\$	\$ 52,492
216	Block 2	\$	\$ 682,016
217	Demand	\$	\$ -
218	Delivery Rev	\$	\$ 734,508
219			
			Apr-Oct \$ -
			Nov-Mar \$ -
			Target \$ -

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit
220			
221	Cust	2	
222	Block 1	240	
223	Block 2	33,082,442	
224	Sales (Dth)	33,082,682	
225			
226	Tariff Rates	# Cust	
227	Block 1-1 (<1MW)		
228	Block 1-2 (1MW-5MW)		
229	Block 1-3 (5MW-50MW)	2 \$ 771.69	
230			
231			
232	Block 2-1 (<1MW)		
233	Block 2-2 (1MW-5MW)		
234	Block 2-3 (5MW-50)	4927.82 \$ 0.0257 \$ 0.0358	
235			
236		Apr-Oct	Demand
237	Block 1-1 (<1MW)		Apr-Oct \$ -
238	Block 1-2 (1MW-5MW)		Nov-Mar \$ -
239	Block 1-3 (5MW-50MW)	140	
240		140	
241			
242			
243	Block 2-1 (<1MW)		
244	Block 2-2 (1MW-5MW)		
245	Block 2-3 (5MW-50)	300 19,816,646 13,265,797	
246		19,816,646 13,265,797	
247	Revenue (\$000)		
248	Block 1	\$ 18,778	Target \$ -
249	Block 2	\$ 984,203	
250	Demand	\$ 1,478,346	
251	Delivery Rev	\$ 2,481,327	
252			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid NY
Revenue for Stay Out Period

Line	Stay Out Period			Total	Surcredit
	C-I-G	M			
253					
254	411	1,852		2,263	
255	49,370	222,180		271,550	Tier 1
256	2,469	11,109			Tier 2
257	32,041,348	79,732,303		117,656,475	Tier 1
258	1,686,387	4,196,437			Tier 2
259			117,928,025		
260	33,727,734	83,928,740		1,797	
261					
262					
263				375.00	
264				375.00	
265	0.2331	0.1938			
266	0.1865	0.1551			
267					
268	\$ 1,877,089	\$ 8,447,469		10,324,557	
269	\$ 7,783,349	\$ 16,102,988		23,886,337	
270	\$ 9,660,438	\$ 24,550,456		34,210,894	
271					
272				1,343,501,236	Surcredit
273				1,725,956,530	Target

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1AR - Residential Non Heat Reduced Rate (Tier 1)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

Therm Usage	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
0	\$15.37	\$15.17	-\$0.20	-1.30%	\$0.00	\$0.00	\$0.00	0.00%	\$15.37	\$15.17	(\$0.20)	-1.30%
1	\$15.29	\$15.18	-\$0.12	-0.76%	\$0.46	\$0.46	\$0.00	0.93%	\$15.75	\$15.64	(\$0.11)	-0.71%
2	\$15.22	\$15.18	-\$0.03	-0.22%	\$0.91	\$0.92	\$0.01	0.93%	\$16.13	\$16.10	(\$0.02)	-0.15%
3	\$15.14	\$15.19	\$0.05	0.33%	\$1.37	\$1.38	\$0.01	0.93%	\$16.51	\$16.57	\$0.06	0.38%
6	\$20.34	\$21.49	\$1.16	5.69%	\$2.74	\$2.76	\$0.03	0.93%	\$23.07	\$24.26	\$1.18	5.12%
Average	\$22.07	\$23.59	\$1.53	6.91%	\$3.19	\$3.22	\$0.03	0.93%	\$25.26	\$26.82	\$1.56	6.16%
8	\$23.80	\$25.69	\$1.89	7.96%	\$3.65	\$3.68	\$0.03	0.93%	\$27.45	\$29.38	\$1.93	7.03%
10	\$27.26	\$29.90	\$2.63	9.66%	\$4.56	\$4.61	\$0.04	0.93%	\$31.83	\$34.50	\$2.67	8.40%
15	\$35.93	\$40.40	\$4.48	12.46%	\$6.84	\$6.91	\$0.06	0.93%	\$42.77	\$47.31	\$4.54	10.62%
20	\$44.59	\$50.91	\$6.32	14.18%	\$9.13	\$9.21	\$0.08	0.93%	\$53.71	\$60.12	\$6.41	11.93%
25	\$53.25	\$61.42	\$8.17	15.33%	\$11.41	\$11.51	\$0.11	0.93%	\$64.66	\$72.93	\$8.27	12.79%
30	\$61.91	\$71.92	\$10.01	16.17%	\$13.69	\$13.82	\$0.13	0.93%	\$75.60	\$85.74	\$10.14	13.41%
35	\$70.57	\$82.43	\$11.85	16.80%	\$15.97	\$16.12	\$0.15	0.93%	\$86.54	\$98.55	\$12.00	13.87%
40	\$79.23	\$92.93	\$13.70	17.29%	\$18.25	\$18.42	\$0.17	0.93%	\$97.49	\$111.35	\$13.87	14.23%
45	\$87.90	\$103.44	\$15.54	17.68%	\$20.53	\$20.72	\$0.19	0.93%	\$108.43	\$124.16	\$15.73	14.51%
50	\$96.56	\$113.95	\$17.39	18.01%	\$22.81	\$23.03	\$0.21	0.93%	\$119.37	\$136.97	\$17.60	14.74%
55	\$100.20	\$118.64	\$18.44	18.40%	\$25.09	\$25.33	\$0.23	0.93%	\$125.29	\$143.97	\$18.67	14.90%
60	\$103.84	\$123.33	\$19.49	18.77%	\$27.38	\$27.63	\$0.25	0.93%	\$131.22	\$150.96	\$19.75	15.05%
65	\$107.48	\$128.02	\$20.54	19.11%	\$29.66	\$29.93	\$0.28	0.93%	\$137.14	\$157.96	\$20.82	15.18%
70	\$111.12	\$132.72	\$21.59	19.43%	\$31.94	\$32.24	\$0.30	0.93%	\$143.06	\$164.95	\$21.89	15.30%
75	\$114.76	\$137.41	\$22.65	19.73%	\$34.22	\$34.54	\$0.32	0.93%	\$148.98	\$171.95	\$22.96	15.41%
80	\$118.40	\$142.10	\$23.70	20.01%	\$36.50	\$36.84	\$0.34	0.93%	\$154.91	\$178.94	\$24.04	15.52%
85	\$122.05	\$146.80	\$24.75	20.28%	\$38.78	\$39.14	\$0.36	0.93%	\$160.83	\$185.94	\$25.11	15.61%
90	\$125.69	\$151.49	\$25.80	20.53%	\$41.06	\$41.45	\$0.38	0.93%	\$166.75	\$192.93	\$26.18	15.70%
95	\$129.33	\$156.18	\$26.85	20.76%	\$43.34	\$43.75	\$0.40	0.93%	\$172.67	\$199.93	\$27.26	15.78%
100	\$132.97	\$160.87	\$27.90	20.99%	\$45.63	\$46.05	\$0.42	0.93%	\$178.59	\$206.92	\$28.33	15.86%
125	\$151.17	\$184.34	\$33.16	21.94%	\$57.03	\$57.56	\$0.53	0.93%	\$208.21	\$241.90	\$33.69	16.18%
150	\$169.38	\$207.80	\$38.42	22.68%	\$68.44	\$69.08	\$0.64	0.93%	\$237.82	\$276.88	\$39.06	16.42%
175	\$187.59	\$231.27	\$43.68	23.29%	\$79.85	\$80.59	\$0.74	0.93%	\$267.43	\$311.85	\$44.42	16.61%
200	\$205.79	\$254.73	\$48.94	23.78%	\$91.25	\$92.10	\$0.85	0.93%	\$297.04	\$346.83	\$49.79	16.76%
225	\$224.00	\$278.19	\$54.20	24.20%	\$102.66	\$103.61	\$0.95	0.93%	\$326.65	\$381.81	\$55.15	16.88%
250	\$242.20	\$301.66	\$59.46	24.55%	\$114.06	\$115.13	\$1.06	0.93%	\$356.27	\$416.78	\$60.52	16.99%
275	\$260.41	\$325.12	\$64.71	24.85%	\$125.47	\$126.64	\$1.17	0.93%	\$385.88	\$451.76	\$65.88	17.07%
300	\$278.61	\$348.59	\$69.97	25.11%	\$136.88	\$138.15	\$1.27	0.93%	\$415.49	\$486.74	\$71.25	17.15%
350	\$315.02	\$395.52	\$80.49	25.55%	\$159.69	\$161.18	\$1.49	0.93%	\$474.71	\$556.69	\$81.98	17.27%
400	\$351.44	\$442.44	\$91.01	25.90%	\$182.50	\$184.20	\$1.70	0.93%	\$533.94	\$626.64	\$92.71	17.36%
450	\$387.85	\$489.37	\$101.52	26.18%	\$205.32	\$207.23	\$1.91	0.93%	\$593.16	\$696.60	\$103.43	17.44%
500	\$424.26	\$536.30	\$112.04	26.41%	\$228.13	\$230.25	\$2.12	0.93%	\$652.39	\$766.55	\$114.16	17.50%
600	\$497.08	\$630.16	\$133.08	26.77%	\$273.75	\$276.30	\$2.55	0.93%	\$770.83	\$906.46	\$135.62	17.59%
700	\$569.90	\$724.01	\$154.11	27.04%	\$319.38	\$322.35	\$2.97	0.93%	\$889.28	\$1,046.36	\$157.08	17.66%
850	\$679.14	\$864.80	\$185.66	27.34%	\$387.82	\$391.43	\$3.61	0.93%	\$1,066.95	\$1,256.22	\$189.27	17.74%
1,000	\$788.37	\$1,005.58	\$217.21	27.55%	\$456.26	\$460.50	\$4.24	0.93%	\$1,244.63	\$1,466.08	\$221.46	17.79%
1,250	\$970.42	\$1,240.22	\$269.80	27.80%	\$570.32	\$575.63	\$5.31	0.93%	\$1,540.75	\$1,815.85	\$275.10	17.86%
1,500	\$1,152.48	\$1,474.86	\$322.38	27.97%	\$684.39	\$690.75	\$6.37	0.93%	\$1,836.87	\$2,165.62	\$328.75	17.90%
1,750	\$1,334.53	\$1,709.51	\$374.97	28.10%	\$798.45	\$805.88	\$7.43	0.93%	\$2,132.99	\$2,515.38	\$382.40	17.93%
2,000	\$1,516.59	\$1,944.15	\$427.56	28.19%	\$912.52	\$921.00	\$8.49	0.93%	\$2,429.11	\$2,865.15	\$436.04	17.95%
3,000	\$2,244.81	\$2,882.71	\$637.90	28.42%	\$1,368.77	\$1,381.51	\$12.73	0.93%	\$3,613.59	\$4,264.22	\$650.63	18.01%

	FY 21	FY 22	Difference	Change
First 3 or Less		\$13.25		0.00%
Next 47 Therms per Therm	\$1.727300	\$2.000000	\$0.273	15.79%
Over 50 Therms per Therm	\$0.769000	\$0.890400	\$0.121	15.79%
Billing & Payment Processing	\$1.420000	\$1.230000	(\$0.190)	-13.38%
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Revenue Decoupling Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Electric Generator Revenue	\$0.000000	\$0.000000	\$0.000	0.00%
TC/IT Revenue Surcharge / Credit	\$0.000000	\$0.000000	\$0.000	0.00%
Gas Safety and Reliability Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Tax Reform	-\$0.091300	\$0.000000	\$0.091	-100.00%
NY Facilities System Surcharge / Surcredit	\$0.000000	\$0.000000	\$0.000	0.00%
Earning Adjustment Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Newtown Creek Revenue Reconciliation	\$0.000000	\$0.000000	\$0.000	0.00%
Non Labor Demand Response O&M Cost	\$0.000000	\$0.000000	\$0.000	0.00%
Demand Capacity Surcharge Mechanism	\$0.000000	\$0.005347	\$0.005	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000	\$0.000000	\$0.000	0.00%
Clean Energy Fund	\$0.001200	\$0.000000	(\$0.001)	-100.00%
Energy Efficiency Surcharge	\$0.016100	\$0.000000	(\$0.016)	-100.00%
Monthly Cost of Gas	\$0.429608	\$0.435703	\$0.006	1.42%
Merchant Function Charge	\$0.014939	\$0.012979	(\$0.002)	-13.12%
GRT on Delivery	4.548000%	4.548000%	\$0.000	0.00%
GRT on Supply	2.407000%	2.407000%	\$0.000	0.00%
MTA on Delivery	0.222000%	0.222000%	\$0.000	0.00%
MTA on Supply	0.222000%	0.222000%	\$0.000	0.00%

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level. In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are six Energy Affordability Credit tiers. The Heating customers Tiers : Tier 1: \$35.00, Tier 2: \$57.00, Tier 3: \$78.00, Tier 4: \$64.00, Tier 5: \$35.00, Tier 6: \$35.00 The Non-Heating customers Tiers : Tier 1-Tier 6: \$3

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 SC 1B-DG - Residential Heat Distributed Generation
 Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$35.99	\$35.79	-\$0.20	-0.55%	\$0.00	\$0.00	\$0.00	0.00%	\$35.99	\$35.79	(\$0.20)	-0.55%	
3	\$36.02	\$35.81	-\$0.21	-0.57%	\$1.37	\$1.38	\$0.01	0.93%	\$37.39	\$37.19	(\$0.19)	-0.52%	
10	\$37.07	\$37.24	\$0.17	0.46%	\$4.56	\$4.61	\$0.04	0.93%	\$41.64	\$41.85	\$0.21	0.51%	
15	\$37.83	\$38.27	\$0.44	1.16%	\$6.84	\$6.91	\$0.06	0.93%	\$44.67	\$45.17	\$0.50	1.13%	
20	\$38.58	\$39.29	\$0.71	1.83%	\$9.13	\$9.21	\$0.08	0.93%	\$47.71	\$48.50	\$0.79	1.66%	
30	\$40.09	\$41.34	\$1.24	3.10%	\$13.69	\$13.82	\$0.13	0.93%	\$53.78	\$55.15	\$1.37	2.55%	
40	\$41.60	\$43.38	\$1.78	4.28%	\$18.25	\$18.42	\$0.17	0.93%	\$59.85	\$61.80	\$1.95	3.26%	
50	\$43.11	\$45.43	\$2.32	5.38%	\$22.81	\$23.03	\$0.21	0.93%	\$65.92	\$68.45	\$2.53	3.84%	
75	\$46.88	\$50.54	\$3.66	7.81%	\$34.22	\$34.54	\$0.32	0.93%	\$81.10	\$85.08	\$3.98	4.91%	
100	\$50.65	\$55.66	\$5.00	9.88%	\$45.63	\$46.05	\$0.42	0.93%	\$96.28	\$101.71	\$5.43	5.64%	
150	\$58.20	\$65.89	\$7.69	13.21%	\$68.44	\$69.08	\$0.64	0.93%	\$126.64	\$134.96	\$8.33	6.57%	
Average	199	\$65.59	\$75.91	\$10.32	15.73%	\$90.80	\$91.64	\$0.84	0.93%	\$156.39	\$167.55	\$11.16	7.14%
200	\$65.74	\$76.11	\$10.37	15.78%	\$91.25	\$92.10	\$0.85	0.93%	\$156.99	\$168.22	\$11.22	7.15%	
250	\$73.29	\$86.34	\$13.06	17.82%	\$114.06	\$115.13	\$1.06	0.93%	\$187.35	\$201.47	\$14.12	7.54%	
300	\$80.83	\$96.57	\$15.74	19.48%	\$136.88	\$138.15	\$1.27	0.93%	\$217.71	\$234.72	\$17.02	7.82%	
350	\$88.37	\$106.80	\$18.43	20.85%	\$159.69	\$161.18	\$1.49	0.93%	\$248.06	\$267.98	\$19.91	8.03%	
400	\$95.92	\$117.03	\$21.11	22.01%	\$182.50	\$184.20	\$1.70	0.93%	\$278.42	\$301.23	\$22.81	8.19%	
450	\$103.46	\$127.26	\$23.80	23.00%	\$205.32	\$207.23	\$1.91	0.93%	\$308.78	\$334.49	\$25.71	8.33%	
500	\$111.01	\$137.49	\$26.48	23.86%	\$228.13	\$230.25	\$2.12	0.93%	\$339.14	\$367.74	\$28.61	8.44%	
550	\$118.55	\$147.72	\$29.17	24.60%	\$250.94	\$253.28	\$2.33	0.93%	\$369.49	\$401.00	\$31.50	8.53%	
600	\$126.09	\$157.95	\$31.85	25.26%	\$273.75	\$276.30	\$2.55	0.93%	\$399.85	\$434.25	\$34.40	8.60%	
650	\$133.64	\$168.18	\$34.54	25.85%	\$296.57	\$299.33	\$2.76	0.93%	\$430.21	\$467.50	\$37.30	8.67%	
700	\$141.18	\$178.41	\$37.22	26.37%	\$319.38	\$322.35	\$2.97	0.93%	\$460.56	\$500.76	\$40.20	8.73%	

	FY 21	FY 22	Difference	Change
First 3 or Less		\$32.93	\$0.00	0.00%
Over 3 Therms per Therm	\$0.136000	\$0.189300	\$0.053	39.19%
Billing & Payment Processing	\$1.420000	\$1.230000	(\$0.190)	-13.38%
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Revenue Decoupling Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Electric Generator Revenue	\$0.000000	\$0.000000	\$0.000	0.00%
TC/IT Revenue Surcharge / Credit	\$0.000000	\$0.000000	\$0.000	0.00%
Gas Safety and Reliability Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Tax Reform	-\$0.008100	\$0.000000	\$0.008	-100.00%
NY Facilities System Surcharge / Surcredit	\$0.000000	\$0.000000	\$0.000	0.00%
Earning Adjustment Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Newtown Creek Revenue Reconciliation	\$0.000000	\$0.000000	\$0.000	0.00%
Non Labor Demand Response O&M Cost	\$0.000000	\$0.000000	\$0.000	0.00%
Demand Capacity Surcharge Mechanism	\$0.000000	\$0.005951	\$0.006	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000	\$0.000000	\$0.000	0.00%
Clean Energy Fund	\$0.000000	\$0.000000	\$0.000	0.00%
Energy Efficiency Surcharge	\$0.016100	\$0.000000	(\$0.016)	-100.00%
Monthly Cost of Gas	\$0.429608	\$0.435703	\$0.006	1.42%
Merchant Function Charge	\$0.014939	\$0.012979	(\$0.002)	-13.12%
GRT on Delivery	4.548000%	4.548000%	\$0.000	0.00%
GRT on Supply	2.407000%	2.407000%	\$0.000	0.00%
MTA on Delivery	0.222000%	0.222000%	\$0.000	0.00%
MTA on Supply	0.222000%	0.222000%	\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 3 - Heating and/or Water Heating Service (Multi-Family Buildings)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$42.89	\$42.69	-\$0.20	-0.46%	\$0.00	\$0.00	\$0.00	0.00%	\$42.89	\$42.69	(\$0.20)	-0.46%	
3	\$42.90	\$42.70	-\$0.19	-0.45%	\$1.37	\$1.38	\$0.01	0.93%	\$44.27	\$44.08	(\$0.18)	-0.41%	
10	\$46.15	\$46.08	-\$0.07	-0.15%	\$4.56	\$4.61	\$0.04	0.93%	\$50.72	\$50.69	(\$0.03)	-0.05%	
50	\$64.76	\$65.41	\$0.64	0.99%	\$22.81	\$23.03	\$0.21	0.93%	\$87.58	\$88.43	\$0.85	0.98%	
100	\$88.02	\$89.56	\$1.53	1.74%	\$45.63	\$46.05	\$0.42	0.93%	\$133.65	\$135.61	\$1.96	1.47%	
150	\$111.29	\$113.71	\$2.43	2.18%	\$68.44	\$69.08	\$0.64	0.93%	\$179.72	\$182.79	\$3.06	1.70%	
200	\$134.55	\$137.86	\$3.32	2.46%	\$91.25	\$92.10	\$0.85	0.93%	\$225.80	\$229.96	\$4.17	1.84%	
250	\$157.81	\$162.02	\$4.21	2.67%	\$114.06	\$115.13	\$1.06	0.93%	\$271.87	\$277.14	\$5.27	1.94%	
300	\$181.07	\$186.17	\$5.10	2.82%	\$136.88	\$138.15	\$1.27	0.93%	\$317.95	\$324.32	\$6.37	2.00%	
350	\$204.33	\$210.32	\$5.99	2.93%	\$159.69	\$161.18	\$1.49	0.93%	\$364.02	\$371.50	\$7.48	2.05%	
400	\$227.59	\$234.47	\$6.88	3.02%	\$182.50	\$184.20	\$1.70	0.93%	\$410.09	\$418.67	\$8.58	2.09%	
450	\$250.85	\$258.63	\$7.77	3.10%	\$205.32	\$207.23	\$1.91	0.93%	\$456.17	\$465.85	\$9.68	2.12%	
500	\$274.11	\$282.78	\$8.66	3.16%	\$228.13	\$230.25	\$2.12	0.93%	\$502.24	\$513.03	\$10.79	2.15%	
1,000	\$506.73	\$524.30	\$17.58	3.47%	\$456.26	\$460.50	\$4.24	0.93%	\$962.98	\$984.80	\$21.82	2.27%	
Average	1,599	\$712.21	\$751.32	\$39.11	5.49%	\$729.56	\$736.34	\$6.79	0.93%	\$1,441.77	\$1,487.67	\$45.90	3.18%
1,800	\$781.17	\$827.50	\$46.34	5.93%	\$821.26	\$828.90	\$7.64	0.93%	\$1,602.43	\$1,656.41	\$53.98	3.37%	
2,000	\$849.78	\$903.30	\$53.53	6.30%	\$912.52	\$921.00	\$8.49	0.93%	\$1,762.29	\$1,824.31	\$62.02	3.52%	
3,000	\$1,192.83	\$1,282.30	\$89.48	7.50%	\$1,368.77	\$1,381.51	\$12.73	0.93%	\$2,561.60	\$2,663.81	\$102.21	3.99%	
3,500	\$1,364.35	\$1,471.80	\$107.45	7.88%	\$1,596.90	\$1,611.76	\$14.85	0.93%	\$2,961.25	\$3,083.56	\$122.31	4.13%	
4,000	\$1,535.88	\$1,661.30	\$125.43	8.17%	\$1,825.03	\$1,842.01	\$16.98	0.93%	\$3,360.91	\$3,503.31	\$142.41	4.24%	
4,500	\$1,707.40	\$1,850.81	\$143.40	8.40%	\$2,053.16	\$2,072.26	\$19.10	0.93%	\$3,760.56	\$3,923.07	\$162.50	4.32%	
5,000	\$1,878.93	\$2,040.31	\$161.38	8.59%	\$2,281.29	\$2,302.51	\$21.22	0.93%	\$4,160.22	\$4,342.82	\$182.60	4.39%	
5,500	\$2,050.45	\$2,229.81	\$179.36	8.75%	\$2,509.42	\$2,532.76	\$23.34	0.93%	\$4,559.87	\$4,762.57	\$202.70	4.45%	
6,000	\$2,221.98	\$2,419.31	\$197.33	8.88%	\$2,737.55	\$2,763.01	\$25.47	0.93%	\$4,959.52	\$5,182.32	\$222.80	4.49%	
6,500	\$2,393.50	\$2,608.81	\$215.31	9.00%	\$2,965.68	\$2,993.26	\$27.59	0.93%	\$5,359.18	\$5,602.07	\$242.89	4.53%	
7,000	\$2,565.03	\$2,798.31	\$233.28	9.09%	\$3,193.81	\$3,223.52	\$29.71	0.93%	\$5,758.83	\$6,021.82	\$262.99	4.57%	
7,500	\$2,736.55	\$2,987.81	\$251.26	9.18%	\$3,421.93	\$3,453.77	\$31.83	0.93%	\$6,158.49	\$6,441.57	\$283.09	4.60%	
8,000	\$2,908.08	\$3,177.31	\$269.23	9.26%	\$3,650.06	\$3,684.02	\$33.95	0.93%	\$6,558.14	\$6,861.33	\$303.19	4.62%	
8,500	\$3,079.60	\$3,366.81	\$287.21	9.33%	\$3,878.19	\$3,914.27	\$36.08	0.93%	\$6,957.79	\$7,281.08	\$323.28	4.65%	
9,000	\$3,251.13	\$3,556.31	\$305.18	9.39%	\$4,106.32	\$4,144.52	\$38.20	0.93%	\$7,357.45	\$7,700.83	\$343.38	4.67%	
9,500	\$3,422.65	\$3,745.81	\$323.16	9.44%	\$4,334.45	\$4,374.77	\$40.32	0.93%	\$7,757.10	\$8,120.58	\$363.48	4.69%	
10,000	\$3,594.18	\$3,935.31	\$341.13	9.49%	\$4,562.58	\$4,605.02	\$42.44	0.93%	\$8,156.76	\$8,540.33	\$383.58	4.70%	
FY 21					FY 22					Difference		Change	
First 3 therms	\$39.51				\$39.51				\$0.00		0.00%		
Next 997 therms	\$0.440400				\$0.456100				\$0.016		3.56%		
Over 1,000 therms	\$0.323800				\$0.356800				\$0.033		10.19%		
Billing & Payment Processing	\$1.420000				\$1.230000				(\$0.190)		-13.38%		
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge	\$0.000000				\$0.000000				\$0.000		0.00%		
Revenue Decoupling Mechanism	\$0.000000				\$0.000000				\$0.000		0.00%		
TC/IT Revenue Surcharge / Credit	\$0.000000				\$0.000000				\$0.000		0.00%		
Gas Safety and Reliability Surcharge	\$0.000000				\$0.000000				\$0.000		0.00%		
Tax Reform	-\$0.012500				\$0.000000				\$0.013		-100.00%		
NY Facilities System Surcharge / Surcredit	\$0.000000				\$0.000000				\$0.000		0.00%		
Earning Adjustment Mechanism	\$0.000000				\$0.000000				\$0.000		0.00%		
Newtown Creek Revenue Reconciliation	\$0.000000				\$0.000000				\$0.000		0.00%		
Non Labor Demand Response O&M Cost	\$0.000000				\$0.000000				\$0.000		0.00%		
Demand Capacity Surcharge Mechanism	\$0.000000				\$0.004911				\$0.005		0.00%		
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000				\$0.000000				\$0.000		0.00%		
Clean Energy Fund	\$0.000000				\$0.000000				\$0.000		0.00%		
Energy Efficiency Surcharge	\$0.016100				\$0.000000				(\$0.016)		-100.00%		
Monthly Cost of Gas	\$0.429608				\$0.435703				\$0.006		1.42%		
Merchant Function Charge	\$0.014939				\$0.012979				(\$0.002)		-13.12%		
GRT on Delivery	4.548000%				4.548000%				\$0.000		0.00%		
GRT on Supply	2.407000%				2.407000%				\$0.000		0.00%		
MTA on Delivery	0.222000%				0.222000%				\$0.000		0.00%		
MTA on Supply	0.222000%				0.222000%				\$0.000		0.00%		

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A - High Load Factor Service
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

Therm Usage	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
0	\$258.04	\$257.85	-\$0.20	-0.08%	\$0.00	\$0.00	\$0.00	0.00%	\$258.04	\$257.85	(\$0.20)	-0.08%	
10	\$258.13	\$257.89	-\$0.24	-0.09%	\$3.37	\$3.39	\$0.02	0.70%	\$261.49	\$261.28	(\$0.21)	-0.08%	
50	\$269.77	\$269.26	-\$0.52	-0.19%	\$16.84	\$16.95	\$0.12	0.70%	\$286.61	\$286.21	(\$0.40)	-0.14%	
100	\$284.33	\$283.46	-\$0.87	-0.31%	\$33.67	\$33.91	\$0.23	0.70%	\$318.01	\$317.37	(\$0.64)	-0.20%	
200	\$313.45	\$311.87	-\$1.57	-0.50%	\$67.35	\$67.82	\$0.47	0.70%	\$380.80	\$379.69	(\$1.11)	-0.29%	
300	\$342.57	\$340.29	-\$2.28	-0.67%	\$101.02	\$101.73	\$0.70	0.70%	\$443.59	\$442.01	(\$1.58)	-0.36%	
400	\$371.68	\$368.70	-\$2.98	-0.80%	\$134.70	\$135.64	\$0.94	0.70%	\$506.38	\$504.34	(\$2.05)	-0.40%	
500	\$400.80	\$397.11	-\$3.69	-0.92%	\$168.37	\$169.54	\$1.17	0.70%	\$569.17	\$566.66	(\$2.52)	-0.44%	
1,000	\$546.39	\$539.18	-\$7.21	-1.32%	\$336.74	\$339.09	\$2.35	0.70%	\$883.13	\$878.27	(\$4.87)	-0.55%	
5,000	\$1,638.01	\$1,675.69	\$37.68	2.30%	\$1,683.72	\$1,695.44	\$11.73	0.70%	\$3,321.72	\$3,371.13	\$49.41	1.49%	
10,000	\$3,002.53	\$3,096.33	\$93.80	3.12%	\$3,367.43	\$3,390.88	\$23.45	0.70%	\$6,369.96	\$6,487.21	\$117.25	1.84%	
15,000	\$4,367.05	\$4,516.96	\$149.91	3.43%	\$5,051.15	\$5,086.33	\$35.18	0.70%	\$9,418.20	\$9,603.29	\$185.09	1.97%	
20,000	\$5,731.58	\$5,937.60	\$206.02	3.59%	\$6,734.86	\$6,781.77	\$46.91	0.70%	\$12,466.44	\$12,719.37	\$252.93	2.03%	
25,000	\$7,096.10	\$7,358.24	\$262.14	3.69%	\$8,418.58	\$8,477.21	\$58.63	0.70%	\$15,514.68	\$15,835.45	\$320.77	2.07%	
30,000	\$8,460.63	\$8,778.88	\$318.25	3.76%	\$10,102.29	\$10,172.65	\$70.36	0.70%	\$18,562.92	\$18,951.53	\$388.61	2.09%	
35,000	\$9,825.15	\$10,199.52	\$374.37	3.81%	\$11,786.01	\$11,868.09	\$82.09	0.70%	\$21,611.16	\$22,067.61	\$456.46	2.11%	
Average	34,750	\$9,756.92	\$10,128.49	\$371.56	3.81%	\$11,701.82	\$11,783.32	\$81.50	0.70%	\$21,458.74	\$21,911.81	\$453.06	2.11%
40,000	\$11,189.67	\$11,620.16	\$430.48	3.85%	\$13,469.72	\$13,563.54	\$93.81	0.70%	\$24,659.40	\$25,183.69	\$524.30	2.13%	
45,000	\$12,554.20	\$13,040.79	\$486.60	3.88%	\$15,153.44	\$15,258.98	\$105.54	0.70%	\$27,707.63	\$28,299.77	\$592.14	2.14%	
50,000	\$13,918.72	\$14,461.43	\$542.71	3.90%	\$16,837.15	\$16,954.42	\$117.27	0.70%	\$30,755.87	\$31,415.85	\$659.98	2.15%	
55,000	\$15,283.24	\$15,882.07	\$598.83	3.92%	\$18,520.87	\$18,649.86	\$128.99	0.70%	\$33,804.11	\$34,531.93	\$727.82	2.15%	
60,000	\$16,647.77	\$17,302.71	\$654.94	3.93%	\$20,204.58	\$20,345.31	\$140.72	0.70%	\$36,852.35	\$37,648.01	\$795.66	2.16%	
65,000	\$18,012.29	\$18,723.35	\$711.06	3.95%	\$21,888.30	\$22,040.75	\$152.45	0.70%	\$39,900.59	\$40,764.10	\$863.50	2.16%	
70,000	\$19,376.81	\$20,143.99	\$767.17	3.96%	\$23,572.02	\$23,736.19	\$164.17	0.70%	\$42,948.83	\$43,880.18	\$931.35	2.17%	
75,000	\$20,741.34	\$21,564.62	\$823.29	3.97%	\$25,255.73	\$25,431.63	\$175.90	0.70%	\$45,997.07	\$46,996.26	\$999.19	2.17%	
80,000	\$22,105.86	\$22,985.26	\$879.40	3.98%	\$26,939.45	\$27,127.07	\$187.63	0.70%	\$49,045.31	\$50,112.34	\$1,067.03	2.18%	
85,000	\$23,470.38	\$24,405.90	\$935.52	3.99%	\$28,623.16	\$28,822.52	\$199.35	0.70%	\$52,093.55	\$53,228.42	\$1,134.87	2.18%	
90,000	\$24,834.91	\$25,826.54	\$991.63	3.99%	\$30,306.88	\$30,517.96	\$211.08	0.70%	\$55,141.79	\$56,344.50	\$1,202.71	2.18%	
95,000	\$26,199.43	\$27,247.18	\$1,047.75	4.00%	\$31,990.59	\$32,213.40	\$222.81	0.70%	\$58,190.02	\$59,460.58	\$1,270.55	2.18%	
100,000	\$27,563.96	\$28,667.82	\$1,103.86	4.00%	\$33,674.31	\$33,908.84	\$234.53	0.70%	\$61,238.26	\$62,576.66	\$1,338.40	2.19%	
105,000	\$28,928.48	\$30,088.45	\$1,159.97	4.01%	\$35,358.02	\$35,604.28	\$246.26	0.70%	\$64,286.50	\$65,692.74	\$1,406.24	2.19%	
110,000	\$30,293.00	\$31,509.09	\$1,216.09	4.01%	\$37,041.74	\$37,299.73	\$257.99	0.70%	\$67,334.74	\$68,808.82	\$1,474.08	2.19%	
115,000	\$31,657.53	\$32,929.73	\$1,272.20	4.02%	\$38,725.45	\$38,995.17	\$269.72	0.70%	\$70,382.98	\$71,924.90	\$1,541.92	2.19%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$250.00				\$250.00			\$0.00	0.00%	
Next 990 therms				\$0.275600				\$0.272700			(\$0.003)	-1.05%	
Over 1,000 therms				\$0.257800				\$0.272700			\$0.015	5.78%	
Billing & Payment Processing				\$1.420000				\$1.230000			(\$0.190)	-13.38%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.009200				\$0.000000			\$0.009	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.004135			\$0.004	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.001200				\$0.000000			(\$0.001)	-100.00%	
Energy Efficiency Surcharge				\$0.016100				\$0.000000			(\$0.016)	-100.00%	
Monthly Cost of Gas				\$0.315282				\$0.318878			\$0.004	1.14%	
Merchant Function Charge				\$0.012818				\$0.011507			(\$0.001)	-10.23%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A-CNG - Compressed Natural Gas Service
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$258.04	\$257.85	-\$0.20	-0.08%	\$0.00	\$0.00	\$0.00	0.00%	\$258.04	\$257.85	(\$0.20)	-0.08%	
10	\$257.94	\$257.89	-\$0.05	-0.02%	\$3.08	\$3.10	\$0.02	0.63%	\$261.02	\$260.99	(\$0.03)	-0.01%	
50	\$268.84	\$268.91	\$0.07	0.03%	\$15.38	\$15.48	\$0.10	0.63%	\$284.22	\$284.39	\$0.17	0.06%	
100	\$282.46	\$282.68	\$0.22	0.08%	\$30.76	\$30.96	\$0.19	0.63%	\$313.23	\$313.64	\$0.41	0.13%	
500	\$391.46	\$392.86	\$1.40	0.36%	\$153.82	\$154.79	\$0.97	0.63%	\$545.28	\$547.64	\$2.36	0.43%	
1,000	\$527.71	\$530.58	\$2.87	0.54%	\$307.64	\$309.57	\$1.93	0.63%	\$835.35	\$840.15	\$4.80	0.57%	
5,000	\$1,544.61	\$1,632.34	\$87.73	5.68%	\$1,538.20	\$1,547.86	\$9.66	0.63%	\$3,082.81	\$3,180.19	\$97.38	3.16%	
10,000	\$2,815.74	\$3,009.53	\$193.80	6.88%	\$3,076.40	\$3,095.71	\$19.31	0.63%	\$5,892.14	\$6,105.25	\$213.11	3.62%	
15,000	\$4,086.86	\$4,386.73	\$299.87	7.34%	\$4,614.60	\$4,643.57	\$28.97	0.63%	\$8,701.47	\$9,030.30	\$328.84	3.78%	
20,000	\$5,357.99	\$5,763.93	\$405.94	7.58%	\$6,152.80	\$6,191.43	\$38.62	0.63%	\$11,510.79	\$11,955.36	\$444.57	3.86%	
25,000	\$6,629.12	\$7,141.13	\$512.02	7.72%	\$7,691.01	\$7,739.28	\$48.28	0.63%	\$14,320.12	\$14,880.41	\$560.29	3.91%	
30,000	\$7,900.24	\$8,518.33	\$618.09	7.82%	\$9,229.21	\$9,287.14	\$57.93	0.63%	\$17,129.45	\$17,805.47	\$676.02	3.95%	
35,000	\$9,171.37	\$9,895.53	\$724.16	7.90%	\$10,767.41	\$10,835.00	\$67.59	0.63%	\$19,938.78	\$20,730.53	\$791.75	3.97%	
40,000	\$10,442.49	\$11,272.73	\$830.23	7.95%	\$12,305.61	\$12,382.85	\$77.25	0.63%	\$22,748.10	\$23,655.58	\$907.48	3.99%	
45,000	\$11,713.62	\$12,649.93	\$936.30	7.99%	\$13,843.81	\$13,930.71	\$86.90	0.63%	\$25,557.43	\$26,580.64	\$1,023.21	4.00%	
50,000	\$12,984.75	\$14,027.12	\$1,042.38	8.03%	\$15,382.01	\$15,478.57	\$96.56	0.63%	\$28,366.76	\$29,505.69	\$1,138.93	4.02%	
55,000	\$14,255.87	\$15,404.32	\$1,148.45	8.06%	\$16,920.21	\$17,026.42	\$106.21	0.63%	\$31,176.09	\$32,430.75	\$1,254.66	4.02%	
60,000	\$15,527.00	\$16,781.52	\$1,254.52	8.08%	\$18,458.41	\$18,574.28	\$115.87	0.63%	\$33,985.41	\$35,355.80	\$1,370.39	4.03%	
Average	50,297	\$13,060.25	\$14,108.93	\$1,048.68	8.03%	\$15,473.38	\$15,570.51	\$97.13	0.63%	\$28,533.63	\$29,679.44	\$1,145.81	4.02%
55,000	\$14,255.87	\$15,404.32	\$1,148.45	8.06%	\$16,920.21	\$17,026.42	\$106.21	0.63%	\$31,176.09	\$32,430.75	\$1,254.66	4.02%	
60,000	\$15,527.00	\$16,781.52	\$1,254.52	8.08%	\$18,458.41	\$18,574.28	\$115.87	0.63%	\$33,985.41	\$35,355.80	\$1,370.39	4.03%	
65,000	\$16,798.13	\$18,158.72	\$1,360.59	8.10%	\$19,996.61	\$20,122.14	\$125.52	0.63%	\$36,794.74	\$38,280.86	\$1,486.12	4.04%	
70,000	\$18,069.25	\$19,535.92	\$1,466.67	8.12%	\$21,534.82	\$21,670.00	\$135.18	0.63%	\$39,604.07	\$41,205.91	\$1,601.85	4.04%	
75,000	\$19,340.38	\$20,913.12	\$1,572.74	8.13%	\$23,073.02	\$23,217.85	\$144.84	0.63%	\$42,413.40	\$44,130.97	\$1,717.57	4.05%	
80,000	\$20,611.51	\$22,290.32	\$1,678.81	8.15%	\$24,611.22	\$24,765.71	\$154.49	0.63%	\$45,222.72	\$47,056.03	\$1,833.30	4.05%	
85,000	\$21,882.63	\$23,667.51	\$1,784.88	8.16%	\$26,149.42	\$26,313.57	\$164.15	0.63%	\$48,032.05	\$49,981.08	\$1,949.03	4.06%	
90,000	\$23,153.76	\$25,044.71	\$1,890.96	8.17%	\$27,687.62	\$27,861.42	\$173.80	0.63%	\$50,841.38	\$52,906.14	\$2,064.76	4.06%	
95,000	\$24,424.88	\$26,421.91	\$1,997.03	8.18%	\$29,225.82	\$29,409.28	\$183.46	0.63%	\$53,650.70	\$55,831.19	\$2,180.49	4.06%	
100,000	\$25,696.01	\$27,799.11	\$2,103.10	8.18%	\$30,764.02	\$30,957.14	\$193.11	0.63%	\$56,460.03	\$58,756.25	\$2,296.21	4.07%	
105,000	\$26,967.14	\$29,176.31	\$2,209.17	8.19%	\$32,302.22	\$32,504.99	\$202.77	0.63%	\$59,269.36	\$61,681.30	\$2,411.94	4.07%	
110,000	\$28,238.26	\$30,553.51	\$2,315.24	8.20%	\$33,840.42	\$34,052.85	\$212.43	0.63%	\$62,078.69	\$64,606.36	\$2,527.67	4.07%	
115,000	\$29,509.39	\$31,930.71	\$2,421.32	8.21%	\$35,378.62	\$35,600.71	\$222.08	0.63%	\$64,888.01	\$67,531.41	\$2,643.40	4.07%	
120,000	\$30,780.52	\$33,307.91	\$2,527.39	8.21%	\$36,916.83	\$37,148.56	\$231.74	0.63%	\$67,697.34	\$70,456.47	\$2,759.13	4.08%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$250.00				\$250.00			\$0.00	0.00%	
Next 990 therms				\$0.275600				\$0.264100			(\$0.012)	-4.17%	
Over 1,000 therms				\$0.257800				\$0.264100			\$0.006	2.44%	
Billing & Payment Processing				\$1.420000				\$1.230000			(\$0.190)	-13.38%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.010100				\$0.000000			\$0.010	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.004270			\$0.004	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.287442				\$0.290476			\$0.003	1.06%	
Merchant Function Charge				\$0.012302				\$0.011149			(\$0.001)	-9.37%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4B - Year-Round Air Conditioning Service (Non -Residential)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$134.88	\$134.69	-\$0.20	-0.14%	\$0.00	\$0.00	\$0.00	0.00%	\$134.88	\$134.69	(\$0.20)	-0.14%	
10	\$146.07	\$142.70	-\$3.37	-2.31%	\$3.74	\$3.77	\$0.03	0.77%	\$149.81	\$146.47	(\$3.34)	-2.23%	
50	\$195.80	\$178.27	-\$17.53	-8.95%	\$18.72	\$18.87	\$0.14	0.77%	\$214.53	\$197.14	(\$17.38)	-8.10%	
100	\$257.97	\$222.75	-\$35.22	-13.65%	\$37.45	\$37.74	\$0.29	0.77%	\$295.42	\$260.48	(\$34.93)	-11.83%	
200	\$382.30	\$311.69	-\$70.61	-18.47%	\$74.90	\$75.48	\$0.58	0.77%	\$457.20	\$387.16	(\$70.03)	-15.32%	
300	\$424.19	\$356.42	-\$67.78	-15.98%	\$112.35	\$113.21	\$0.86	0.77%	\$536.54	\$469.63	(\$66.91)	-12.47%	
400	\$466.09	\$401.14	-\$64.94	-13.93%	\$149.80	\$150.95	\$1.15	0.77%	\$615.89	\$552.10	(\$63.79)	-10.36%	
500	\$507.98	\$445.87	-\$62.11	-12.23%	\$187.25	\$188.69	\$1.44	0.77%	\$695.23	\$634.56	(\$60.67)	-8.73%	
750	\$612.72	\$557.69	-\$55.03	-8.98%	\$280.87	\$283.04	\$2.16	0.77%	\$893.60	\$840.73	(\$52.87)	-5.92%	
1,000	\$717.46	\$669.51	-\$47.95	-6.68%	\$374.50	\$377.38	\$2.88	0.77%	\$1,091.96	\$1,046.90	(\$45.07)	-4.13%	
Average	1,374	\$874.15	\$836.80	-\$37.35	-4.27%	\$514.56	\$518.52	\$3.96	0.77%	\$1,388.71	\$1,355.32	(\$33.39)	-2.40%
1,500	\$926.94	\$893.15	-\$33.78	-3.64%	\$561.75	\$566.07	\$4.32	0.77%	\$1,488.69	\$1,459.23	(\$29.46)	-1.98%	
1,750	\$1,031.68	\$1,004.97	-\$26.70	-2.59%	\$655.37	\$660.42	\$5.04	0.77%	\$1,687.05	\$1,665.39	(\$21.66)	-1.28%	
2,000	\$1,136.41	\$1,116.79	-\$19.62	-1.73%	\$749.00	\$754.76	\$5.77	0.77%	\$1,885.41	\$1,871.56	(\$13.86)	-0.73%	
2,250	\$1,241.15	\$1,228.61	-\$12.54	-1.01%	\$842.62	\$849.11	\$6.49	0.77%	\$2,083.78	\$2,077.72	(\$6.05)	-0.29%	
2,500	\$1,345.89	\$1,340.43	-\$5.46	-0.41%	\$936.25	\$943.46	\$7.21	0.77%	\$2,282.14	\$2,283.89	\$1.75	0.08%	
2,750	\$1,450.63	\$1,452.25	\$1.62	0.11%	\$1,029.87	\$1,037.80	\$7.93	0.77%	\$2,480.50	\$2,490.06	\$9.55	0.39%	
3,000	\$1,555.37	\$1,564.07	\$8.71	0.56%	\$1,123.50	\$1,132.15	\$8.65	0.77%	\$2,678.87	\$2,696.22	\$17.35	0.65%	
3,250	\$1,660.11	\$1,675.89	\$15.79	0.95%	\$1,217.12	\$1,226.49	\$9.37	0.77%	\$2,877.23	\$2,902.39	\$25.16	0.87%	
3,500	\$1,764.84	\$1,787.71	\$22.87	1.30%	\$1,310.75	\$1,320.84	\$10.09	0.77%	\$3,075.59	\$3,108.55	\$32.96	1.07%	
3,750	\$1,869.58	\$1,899.54	\$29.95	1.60%	\$1,404.37	\$1,415.18	\$10.81	0.77%	\$3,273.96	\$3,314.72	\$40.76	1.25%	
4,000	\$1,974.32	\$2,011.36	\$37.03	1.88%	\$1,498.00	\$1,509.53	\$11.53	0.77%	\$3,472.32	\$3,520.88	\$48.56	1.40%	
4,250	\$2,079.06	\$2,123.18	\$44.12	2.12%	\$1,591.62	\$1,603.87	\$12.25	0.77%	\$3,670.68	\$3,727.05	\$56.37	1.54%	
4,500	\$2,183.80	\$2,235.00	\$51.20	2.34%	\$1,685.25	\$1,698.22	\$12.97	0.77%	\$3,869.05	\$3,933.22	\$64.17	1.66%	
4,750	\$2,288.54	\$2,346.82	\$58.28	2.55%	\$1,778.87	\$1,792.57	\$13.69	0.77%	\$4,067.41	\$4,139.38	\$71.97	1.77%	
5,000	\$2,393.27	\$2,458.64	\$65.36	2.73%	\$1,872.50	\$1,886.91	\$14.41	0.77%	\$4,265.77	\$4,345.55	\$79.77	1.87%	
5,250	\$2,498.01	\$2,570.46	\$72.44	2.90%	\$1,966.12	\$1,981.26	\$15.13	0.77%	\$4,464.14	\$4,551.71	\$87.57	1.96%	
5,500	\$2,602.75	\$2,682.28	\$79.52	3.06%	\$2,059.75	\$2,075.60	\$15.85	0.77%	\$4,662.50	\$4,757.88	\$95.38	2.05%	
5,750	\$2,707.49	\$2,794.10	\$86.61	3.20%	\$2,153.37	\$2,169.95	\$16.58	0.77%	\$4,860.86	\$4,964.04	\$103.18	2.12%	
6,000	\$2,812.23	\$2,905.92	\$93.69	3.33%	\$2,247.00	\$2,264.29	\$17.30	0.77%	\$5,059.23	\$5,170.21	\$110.98	2.19%	
6,250	\$2,916.97	\$3,017.74	\$100.77	3.45%	\$2,340.62	\$2,358.64	\$18.02	0.77%	\$5,257.59	\$5,376.38	\$118.79	2.26%	
6,500	\$3,021.71	\$3,129.56	\$107.85	3.57%	\$2,434.25	\$2,452.98	\$18.74	0.77%	\$5,455.95	\$5,582.54	\$126.59	2.32%	
FY 21					FY 22						Difference	Change	
First 1 therms				\$130.00				\$130.00			\$0.00	0.00%	
Next 199 therms				\$1,213,900				\$0,861,700			(\$0,352)	-29.01%	
Over 200 therms				\$0,410,700				\$0,430,900			\$0,020	4.92%	
Billing & Payment Processing				\$1,420,000				\$1,230,000			(\$0,190)	-13.38%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Revenue Decoupling Mechanism				\$0,000,000				\$0,000,000			\$0,000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Gas Safety and Reliability Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Tax Reform				-\$0,019,800				\$0,000,000			\$0,020	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Earning Adjustment Mechanism				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Newtown Creek Revenue Reconciliation				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Non Labor Demand Response O&M Cost				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Demand Capacity Surcharge Mechanism				\$0,000,000				\$0,004,900			\$0,005	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0,000,000				\$0,000,000			\$0,000	0.00%	
Clean Energy Fund				\$0,001,200				\$0,000,000			(\$0,001)	-100.00%	
Energy Efficiency Surcharge				\$0,016,100				\$0,000,000			(\$0,016)	-100.00%	
Monthly Cost of Gas				\$0,351,399				\$0,355,724			\$0,004	1.23%	
Merchant Function Charge				\$0,013,488				\$0,011,971			(\$0,002)	-11.25%	
GRT on Delivery				2,407,000%				2,407,000%			\$0,000	0.00%	
GRT on Supply				2,407,000%				2,407,000%			\$0,000	0.00%	
MTA on Delivery				0,222,000%				0,222,000%			\$0,000	0.00%	
MTA on Supply				0,222,000%				0,222,000%			\$0,000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 7 - Seasonal Off-Peak Service
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
-	\$42.01	\$41.81	-\$0.20	-0.46%	\$0.00	\$0.00	\$0.00	0.00%	\$42.01	\$41.81	(\$0.20)	-0.46%
3	\$41.81	\$41.82	\$0.01	0.02%	\$0.83	\$0.84	\$0.01	1.20%	\$42.64	\$42.66	\$0.02	0.04%
10	\$41.66	\$43.41	\$1.76	4.21%	\$2.77	\$2.80	\$0.03	1.20%	\$44.42	\$46.21	\$1.79	4.03%
20	\$43.84	\$45.68	\$1.85	4.21%	\$5.53	\$5.60	\$0.07	1.20%	\$49.37	\$51.28	\$1.91	3.87%
50	\$47.40	\$52.49	\$5.09	10.74%	\$13.83	\$13.99	\$0.17	1.20%	\$61.23	\$66.48	\$5.26	8.58%
100	\$53.34	\$63.84	\$10.50	19.68%	\$27.65	\$27.99	\$0.33	1.20%	\$81.00	\$91.83	\$10.83	13.37%
150	\$59.29	\$75.19	\$15.90	26.83%	\$41.48	\$41.98	\$0.50	1.20%	\$100.77	\$117.17	\$16.40	16.28%
160	\$60.47	\$77.46	\$16.98	28.09%	\$44.25	\$44.78	\$0.53	1.20%	\$104.72	\$122.23	\$17.52	16.73%
180	\$62.85	\$82.00	\$19.15	30.46%	\$49.78	\$50.37	\$0.60	1.20%	\$112.63	\$132.37	\$19.74	17.53%
200	\$65.23	\$86.54	\$21.31	32.67%	\$55.31	\$55.97	\$0.66	1.20%	\$120.54	\$142.51	\$21.97	18.23%
Average	\$76.99	\$109.01	\$32.01	41.58%	\$82.68	\$83.68	\$0.99	1.20%	\$159.68	\$192.68	\$33.01	20.67%
300	\$77.11	\$109.24	\$32.12	41.66%	\$82.96	\$83.96	\$0.99	1.20%	\$160.07	\$193.19	\$33.12	20.69%
350	\$83.06	\$120.59	\$37.53	45.19%	\$96.79	\$97.95	\$1.16	1.20%	\$179.84	\$218.53	\$38.69	21.51%
400	\$89.00	\$131.93	\$42.94	48.24%	\$110.61	\$111.94	\$1.33	1.20%	\$199.61	\$243.87	\$44.26	22.17%
450	\$94.94	\$143.28	\$48.34	50.92%	\$124.44	\$125.93	\$1.49	1.20%	\$219.38	\$269.22	\$49.83	22.72%
500	\$100.88	\$154.63	\$53.75	53.28%	\$138.27	\$139.93	\$1.66	1.20%	\$239.15	\$294.56	\$55.41	23.17%
550	\$106.83	\$165.98	\$59.16	55.38%	\$152.09	\$153.92	\$1.82	1.20%	\$258.92	\$319.90	\$60.98	23.55%
600	\$112.77	\$177.33	\$64.56	57.25%	\$165.92	\$167.91	\$1.99	1.20%	\$278.69	\$345.24	\$66.55	23.88%
650	\$118.71	\$188.68	\$69.97	58.94%	\$179.75	\$181.90	\$2.15	1.20%	\$298.46	\$370.58	\$72.12	24.16%
700	\$124.65	\$200.03	\$75.37	60.47%	\$193.58	\$195.90	\$2.32	1.20%	\$318.23	\$395.92	\$77.69	24.41%
750	\$130.60	\$211.38	\$80.78	61.86%	\$207.40	\$209.89	\$2.49	1.20%	\$338.00	\$421.27	\$83.27	24.64%
800	\$136.54	\$222.73	\$86.19	63.12%	\$221.23	\$223.88	\$2.65	1.20%	\$357.77	\$446.61	\$88.84	24.83%
850	\$142.48	\$234.08	\$91.59	64.29%	\$235.06	\$237.87	\$2.82	1.20%	\$377.54	\$471.95	\$94.41	25.01%
900	\$148.42	\$245.42	\$97.00	65.35%	\$248.88	\$251.87	\$2.98	1.20%	\$397.31	\$497.29	\$99.98	25.17%
950	\$154.37	\$256.77	\$102.41	66.34%	\$262.71	\$265.86	\$3.15	1.20%	\$417.08	\$522.63	\$105.56	25.31%
2,000	\$279.16	\$495.10	\$215.94	77.35%	\$553.07	\$559.70	\$6.63	1.20%	\$832.23	\$1,054.80	\$222.57	26.74%
2,500	\$338.58	\$608.59	\$270.01	79.75%	\$691.34	\$699.63	\$8.29	1.20%	\$1,029.92	\$1,308.22	\$278.29	27.02%
3,000	\$398.01	\$722.08	\$324.07	81.42%	\$829.61	\$839.55	\$9.94	1.20%	\$1,227.62	\$1,561.63	\$334.02	27.21%
3,500	\$457.44	\$835.57	\$378.14	82.66%	\$967.88	\$979.48	\$11.60	1.20%	\$1,425.31	\$1,815.05	\$389.74	27.34%
4,000	\$516.86	\$949.06	\$432.20	83.62%	\$1,106.14	\$1,119.40	\$13.26	1.20%	\$1,623.00	\$2,068.46	\$445.46	27.45%
4,500	\$576.29	\$1,062.55	\$486.27	84.38%	\$1,244.41	\$1,259.33	\$14.91	1.20%	\$1,820.70	\$2,321.88	\$501.18	27.53%
5,000	\$635.71	\$1,176.04	\$540.33	85.00%	\$1,382.68	\$1,399.25	\$16.57	1.20%	\$2,018.39	\$2,575.30	\$556.90	27.59%
FY 21					FY 22						Difference	Change
First 3 or Less				\$39.51				\$39.51			\$0.00	0.00%
Over 3 Therms per Therm				\$0.178700				\$0.218000			\$0.039	21.99%
Billing & Payment Processing				\$1.420000				\$1.230000			(\$0.190)	-13.38%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				-\$0.080200				\$0.000000			\$0.080	-100.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.003154			\$0.003	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.001200				\$0.000000			(\$0.001)	-100.00%
Energy Efficiency Surcharge				\$0.016100				\$0.000000			(\$0.016)	-100.00%
Monthly Cost of Gas				\$0.259411				\$0.261878			\$0.002	0.95%
Merchant Function Charge				\$0.010027				\$0.010789			\$0.001	7.59%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (April - October)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
-	\$343.37	\$343.18	-\$0.20	-0.06%	\$0.00	\$0.00	\$0.00	0.00%	\$343.37	\$343.18	(\$0.20)	-0.06%
10	\$343.36	\$343.21	-\$0.15	-0.04%	\$4.56	\$4.61	\$0.04	0.93%	\$347.92	\$347.82	(\$0.10)	-0.03%
20	\$344.31	\$344.27	-\$0.04	-0.01%	\$9.13	\$9.21	\$0.08	0.93%	\$353.43	\$353.48	\$0.04	0.01%
50	\$347.16	\$347.44	\$0.28	0.08%	\$22.81	\$23.03	\$0.21	0.93%	\$369.97	\$370.46	\$0.49	0.13%
100	\$351.91	\$352.71	\$0.80	0.23%	\$45.63	\$46.05	\$0.42	0.93%	\$397.54	\$398.76	\$1.23	0.31%
1,000	\$437.45	\$447.71	\$10.26	2.35%	\$456.26	\$460.50	\$4.24	0.93%	\$893.71	\$908.21	\$14.51	1.62%
5,000	\$817.61	\$869.91	\$52.31	6.40%	\$2,281.29	\$2,302.51	\$21.22	0.93%	\$3,098.90	\$3,172.42	\$73.53	2.37%
6,000	\$912.65	\$975.46	\$62.82	6.88%	\$2,737.55	\$2,763.01	\$25.47	0.93%	\$3,650.19	\$3,738.47	\$88.28	2.42%
7,000	\$1,007.68	\$1,081.01	\$73.33	7.28%	\$3,193.81	\$3,223.52	\$29.71	0.93%	\$4,201.49	\$4,304.53	\$103.04	2.45%
8,000	\$1,102.72	\$1,186.56	\$83.84	7.60%	\$3,650.06	\$3,684.02	\$33.95	0.93%	\$4,752.79	\$4,870.58	\$117.79	2.48%
9,000	\$1,197.76	\$1,292.11	\$94.35	7.88%	\$4,106.32	\$4,144.52	\$38.20	0.93%	\$5,304.08	\$5,436.63	\$132.55	2.50%
10,000	\$1,292.80	\$1,397.66	\$104.86	8.11%	\$4,562.58	\$4,605.02	\$42.44	0.93%	\$5,855.38	\$6,002.69	\$147.30	2.52%
11,000	\$1,387.84	\$1,503.21	\$115.37	8.31%	\$5,018.84	\$5,065.52	\$46.69	0.93%	\$6,406.68	\$6,568.74	\$162.06	2.53%
12,000	\$1,482.88	\$1,608.76	\$125.88	8.49%	\$5,475.10	\$5,526.03	\$50.93	0.93%	\$6,957.98	\$7,134.79	\$176.81	2.54%
13,000	\$1,577.92	\$1,714.32	\$136.39	8.64%	\$5,931.35	\$5,986.53	\$55.18	0.93%	\$7,509.27	\$7,700.84	\$191.57	2.55%
14,000	\$1,672.96	\$1,819.87	\$146.91	8.78%	\$6,387.61	\$6,447.03	\$59.42	0.93%	\$8,060.57	\$8,266.90	\$206.33	2.56%
15,000	\$1,768.00	\$1,925.42	\$157.42	8.90%	\$6,843.87	\$6,907.53	\$63.66	0.93%	\$8,611.87	\$8,832.95	\$221.08	2.57%
16,000	\$1,863.04	\$2,030.97	\$167.93	9.01%	\$7,300.13	\$7,368.04	\$67.91	0.93%	\$9,163.17	\$9,399.00	\$235.84	2.57%
17,000	\$1,958.08	\$2,136.52	\$178.44	9.11%	\$7,756.38	\$7,828.54	\$72.15	0.93%	\$9,714.46	\$9,965.06	\$250.59	2.58%
18,000	\$2,053.12	\$2,242.07	\$188.95	9.20%	\$8,212.64	\$8,289.04	\$76.40	0.93%	\$10,265.76	\$10,531.11	\$265.35	2.58%
19,000	\$2,148.16	\$2,347.62	\$199.46	9.29%	\$8,668.90	\$8,749.54	\$80.64	0.93%	\$10,817.06	\$11,097.16	\$280.10	2.59%
20,000	\$2,243.20	\$2,453.17	\$209.97	9.36%	\$9,125.16	\$9,210.04	\$84.89	0.93%	\$11,368.36	\$11,663.21	\$294.86	2.59%
21,000	\$2,338.24	\$2,558.72	\$220.48	9.43%	\$9,581.42	\$9,670.55	\$89.13	0.93%	\$11,919.65	\$12,229.27	\$309.61	2.60%
22,000	\$2,433.28	\$2,664.27	\$230.99	9.49%	\$10,037.67	\$10,131.05	\$93.37	0.93%	\$12,470.95	\$12,795.32	\$324.37	2.60%
23,000	\$2,528.31	\$2,769.82	\$241.51	9.55%	\$10,493.93	\$10,591.55	\$97.62	0.93%	\$13,022.25	\$13,361.37	\$339.12	2.60%
25,000	\$2,718.39	\$2,980.92	\$262.53	9.66%	\$11,406.45	\$11,512.56	\$106.11	0.93%	\$14,124.84	\$14,493.48	\$368.64	2.61%
25,500	\$2,765.91	\$3,033.70	\$267.78	9.68%	\$11,634.58	\$11,742.81	\$108.23	0.93%	\$14,400.49	\$14,776.50	\$376.01	2.61%
30,000	\$3,193.59	\$3,508.67	\$315.08	9.87%	\$13,687.74	\$13,815.07	\$127.33	0.93%	\$16,881.33	\$17,323.74	\$442.41	2.62%
Average	\$3,436.23	\$3,778.15	\$341.92	9.95%	\$14,852.56	\$14,990.73	\$138.16	0.93%	\$18,288.79	\$18,768.87	\$480.08	2.63%
35,000	\$3,668.79	\$4,036.43	\$367.64	10.02%	\$15,969.03	\$16,117.58	\$148.55	0.93%	\$19,637.82	\$20,154.01	\$516.19	2.63%
40,000	\$4,143.98	\$4,564.18	\$420.20	10.14%	\$18,250.32	\$18,420.09	\$169.77	0.93%	\$22,394.30	\$22,984.27	\$589.97	2.63%
45,000	\$4,619.18	\$5,091.93	\$472.75	10.23%	\$20,531.61	\$20,722.60	\$190.99	0.93%	\$25,150.79	\$25,814.53	\$663.74	2.64%
50,000	\$5,094.38	\$5,619.69	\$525.31	10.31%	\$22,812.90	\$23,025.11	\$212.21	0.93%	\$27,907.28	\$28,644.80	\$737.52	2.64%
55,000	\$5,569.58	\$6,147.44	\$577.86	10.38%	\$25,094.19	\$25,327.62	\$233.44	0.93%	\$30,663.76	\$31,475.06	\$811.30	2.65%
60,000	\$6,044.77	\$6,675.19	\$630.42	10.43%	\$27,375.48	\$27,630.13	\$254.66	0.93%	\$33,420.25	\$34,305.32	\$885.08	2.65%
65,000	\$6,519.97	\$7,202.94	\$682.97	10.48%	\$29,656.77	\$29,932.64	\$275.88	0.93%	\$36,176.74	\$37,135.59	\$958.85	2.65%
70,000	\$6,995.17	\$7,730.70	\$735.53	10.51%	\$31,938.06	\$32,235.16	\$297.10	0.93%	\$38,933.22	\$39,965.85	\$1,032.63	2.65%
75,000	\$7,470.36	\$8,258.45	\$788.09	10.55%	\$34,219.35	\$34,537.67	\$318.32	0.93%	\$41,689.71	\$42,796.12	\$1,106.41	2.65%
80,000	\$7,945.56	\$8,786.20	\$840.64	10.58%	\$36,500.64	\$36,840.18	\$339.54	0.93%	\$44,446.20	\$45,626.38	\$1,180.18	2.66%
85,000	\$8,420.76	\$9,313.96	\$893.20	10.61%	\$38,781.92	\$39,142.69	\$360.76	0.93%	\$47,202.68	\$48,456.64	\$1,253.96	2.66%
90,000	\$8,895.95	\$9,841.71	\$945.75	10.63%	\$41,063.21	\$41,445.20	\$381.99	0.93%	\$49,959.17	\$51,286.91	\$1,327.74	2.66%
95,000	\$9,371.15	\$10,369.46	\$998.31	10.65%	\$43,344.50	\$43,747.71	\$403.21	0.93%	\$52,715.66	\$54,117.17	\$1,401.52	2.66%
100,000	\$9,846.35	\$10,897.21	\$1,050.86	10.67%	\$45,625.79	\$46,050.22	\$424.43	0.93%	\$55,472.14	\$56,947.44	\$1,475.29	2.66%
105,000	\$10,321.55	\$11,424.97	\$1,103.42	10.69%	\$47,907.08	\$48,352.73	\$445.65	0.93%	\$58,228.63	\$59,777.70	\$1,549.07	2.66%
110,000	\$10,796.74	\$11,952.72	\$1,155.98	10.71%	\$50,188.37	\$50,655.24	\$466.87	0.93%	\$60,985.12	\$62,607.96	\$1,622.85	2.66%
115,000	\$11,271.94	\$12,480.47	\$1,208.53	10.72%	\$52,469.66	\$52,957.76	\$488.09	0.93%	\$63,741.60	\$65,438.23	\$1,696.62	2.66%
120,000	\$11,747.14	\$13,008.22	\$1,261.09	10.74%	\$54,750.95	\$55,260.27	\$509.31	0.93%	\$66,498.09	\$68,268.49	\$1,770.40	2.66%
125,000	\$12,222.33	\$13,535.98	\$1,313.64	10.75%	\$57,032.24	\$57,562.78	\$530.54	0.93%	\$69,254.58	\$71,098.75	\$1,844.18	2.66%
130,000	\$12,697.53	\$14,063.73	\$1,366.20	10.76%	\$59,313.53	\$59,865.29	\$551.76	0.93%	\$72,011.06	\$73,929.02	\$1,917.96	2.66%
FY 21					FY 22						Difference	Change
First 10 or Less				\$333.14				\$333.14			\$0.00	0.00%
Over 10 Therms per Therm				\$0.094000				\$0.099400			\$0.005	5.74%
Billing & Payment Processing				\$1.420000				\$1.230000			(\$0.190)	-13.38%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				-\$0.001400				\$0.000000			\$0.001	-100.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.003441			\$0.003	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.429608				\$0.435703			\$0.006	1.42%
Merchant Function Charge				\$0.014939				\$0.012979			(\$0.002)	-13.12%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 2 – equal to or greater than 1MW but less than 5MW (November - March)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
-	\$343.37	\$343.18	-\$0.20	-0.06%	\$0.00	\$0.00	\$0.00	0.00%	\$343.37	\$343.18	(\$0.20)	-0.06%	
10	\$343.36	\$343.21	-\$0.15	-0.04%	\$4.56	\$4.61	\$0.04	0.93%	\$347.92	\$347.82	(\$0.10)	-0.03%	
20	\$344.58	\$344.55	-\$0.03	-0.01%	\$9.13	\$9.21	\$0.08	0.93%	\$353.70	\$353.76	\$0.06	0.02%	
50	\$348.23	\$348.56	\$0.33	0.10%	\$22.81	\$23.03	\$0.21	0.93%	\$371.04	\$371.59	\$0.54	0.15%	
100	\$354.31	\$355.24	\$0.93	0.26%	\$45.63	\$46.05	\$0.42	0.93%	\$399.94	\$401.29	\$1.35	0.34%	
1,000	\$463.87	\$475.55	\$11.68	2.52%	\$456.26	\$460.50	\$4.24	0.93%	\$920.12	\$936.05	\$15.93	1.73%	
5,000	\$950.76	\$1,010.24	\$59.48	6.26%	\$2,281.29	\$2,302.51	\$21.22	0.93%	\$3,232.05	\$3,312.75	\$80.70	2.50%	
6,000	\$1,072.49	\$1,143.91	\$71.42	6.66%	\$2,737.55	\$2,763.01	\$25.47	0.93%	\$3,810.04	\$3,906.92	\$96.89	2.54%	
7,000	\$1,194.21	\$1,277.58	\$83.37	6.98%	\$3,193.81	\$3,223.52	\$29.71	0.93%	\$4,388.02	\$4,501.10	\$113.08	2.58%	
8,000	\$1,315.94	\$1,411.26	\$95.32	7.24%	\$3,650.06	\$3,684.02	\$33.95	0.93%	\$4,966.00	\$5,095.27	\$129.27	2.60%	
9,000	\$1,437.66	\$1,544.93	\$107.27	7.46%	\$4,106.32	\$4,144.52	\$38.20	0.93%	\$5,543.98	\$5,689.45	\$145.47	2.62%	
10,000	\$1,559.39	\$1,678.60	\$119.22	7.65%	\$4,562.58	\$4,605.02	\$42.44	0.93%	\$6,121.96	\$6,283.62	\$161.66	2.64%	
11,000	\$1,681.11	\$1,812.27	\$131.16	7.80%	\$5,018.84	\$5,065.52	\$46.69	0.93%	\$6,699.95	\$6,877.80	\$177.85	2.65%	
12,000	\$1,802.83	\$1,945.95	\$143.11	7.94%	\$5,475.10	\$5,526.03	\$50.93	0.93%	\$7,277.93	\$7,471.97	\$194.04	2.67%	
13,000	\$1,924.56	\$2,079.62	\$155.06	8.06%	\$5,931.35	\$5,986.53	\$55.18	0.93%	\$7,855.91	\$8,066.15	\$210.24	2.68%	
14,000	\$2,046.28	\$2,213.29	\$167.01	8.16%	\$6,387.61	\$6,447.03	\$59.42	0.93%	\$8,433.89	\$8,660.32	\$226.43	2.68%	
15,000	\$2,168.01	\$2,346.96	\$178.96	8.25%	\$6,843.87	\$6,907.53	\$63.66	0.93%	\$9,011.88	\$9,254.50	\$242.62	2.69%	
16,000	\$2,289.73	\$2,480.63	\$190.90	8.34%	\$7,300.13	\$7,368.04	\$67.91	0.93%	\$9,589.86	\$9,848.67	\$258.81	2.70%	
17,000	\$2,411.46	\$2,614.31	\$202.85	8.41%	\$7,756.38	\$7,828.54	\$72.15	0.93%	\$10,167.84	\$10,442.84	\$275.00	2.70%	
18,000	\$2,533.18	\$2,747.98	\$214.80	8.48%	\$8,212.64	\$8,289.04	\$76.40	0.93%	\$10,745.82	\$11,037.02	\$291.20	2.71%	
19,000	\$2,654.90	\$2,881.65	\$226.75	8.54%	\$8,668.90	\$8,749.54	\$80.64	0.93%	\$11,323.80	\$11,631.19	\$307.39	2.71%	
20,000	\$2,776.63	\$3,015.32	\$238.70	8.60%	\$9,125.16	\$9,210.04	\$84.89	0.93%	\$11,901.79	\$12,225.37	\$323.58	2.72%	
21,000	\$2,898.35	\$3,149.00	\$250.64	8.65%	\$9,581.42	\$9,670.55	\$89.13	0.93%	\$12,479.77	\$12,819.54	\$339.77	2.72%	
22,000	\$3,020.08	\$3,282.67	\$262.59	8.69%	\$10,037.67	\$10,131.05	\$93.37	0.93%	\$13,057.75	\$13,413.72	\$355.97	2.73%	
23,000	\$3,141.80	\$3,416.34	\$274.54	8.74%	\$10,493.93	\$10,591.55	\$97.62	0.93%	\$13,635.73	\$14,007.89	\$372.16	2.73%	
25,000	\$3,385.25	\$3,683.69	\$298.44	8.82%	\$11,406.45	\$11,512.56	\$106.11	0.93%	\$14,791.70	\$15,196.24	\$404.54	2.73%	
25,500	\$3,446.11	\$3,750.52	\$304.41	8.83%	\$11,634.58	\$11,742.81	\$108.23	0.93%	\$15,080.69	\$15,493.33	\$412.64	2.74%	
30,000	\$3,993.87	\$4,352.05	\$358.18	8.97%	\$13,687.74	\$13,815.07	\$127.33	0.93%	\$17,681.61	\$18,167.11	\$485.50	2.75%	
Average	32,553	\$4,304.63	\$4,693.31	\$388.68	9.03%	\$14,852.56	\$14,990.73	\$138.16	0.93%	\$19,157.20	\$19,684.04	\$526.84	2.75%
35,000	\$4,602.49	\$5,020.41	\$417.92	9.08%	\$15,969.03	\$16,117.58	\$148.55	0.93%	\$20,571.52	\$21,137.99	\$566.47	2.75%	
40,000	\$5,211.12	\$5,688.77	\$477.66	9.17%	\$18,250.32	\$18,420.09	\$169.77	0.93%	\$23,461.43	\$24,108.86	\$647.43	2.76%	
45,000	\$5,819.74	\$6,357.13	\$537.40	9.23%	\$20,531.61	\$20,722.60	\$190.99	0.93%	\$26,351.34	\$27,079.73	\$728.39	2.76%	
50,000	\$6,428.36	\$7,025.50	\$597.14	9.29%	\$22,812.90	\$23,025.11	\$212.21	0.93%	\$29,241.26	\$30,050.61	\$809.35	2.77%	
55,000	\$7,036.98	\$7,693.86	\$656.88	9.33%	\$25,094.19	\$25,327.62	\$233.44	0.93%	\$32,131.17	\$33,021.48	\$890.31	2.77%	
60,000	\$7,645.60	\$8,362.22	\$716.62	9.37%	\$27,375.48	\$27,630.13	\$254.66	0.93%	\$35,021.08	\$35,992.35	\$971.27	2.77%	
65,000	\$8,254.22	\$9,030.58	\$776.36	9.41%	\$29,656.77	\$29,932.64	\$275.88	0.93%	\$37,910.99	\$38,963.22	\$1,052.24	2.78%	
70,000	\$8,862.85	\$9,698.94	\$836.10	9.43%	\$31,938.06	\$32,235.16	\$297.10	0.93%	\$40,800.90	\$41,934.10	\$1,133.20	2.78%	
75,000	\$9,471.47	\$10,367.30	\$895.84	9.46%	\$34,219.35	\$34,537.67	\$318.32	0.93%	\$43,690.81	\$44,904.97	\$1,214.16	2.78%	
80,000	\$10,080.09	\$11,035.67	\$955.58	9.48%	\$36,500.64	\$36,840.18	\$339.54	0.93%	\$46,580.72	\$47,875.84	\$1,295.12	2.78%	
85,000	\$10,688.71	\$11,704.03	\$1,015.32	9.50%	\$38,781.92	\$39,142.69	\$360.76	0.93%	\$49,470.63	\$50,846.72	\$1,376.08	2.78%	
90,000	\$11,297.33	\$12,372.39	\$1,075.06	9.52%	\$41,063.21	\$41,445.20	\$381.99	0.93%	\$52,360.55	\$53,817.59	\$1,457.04	2.78%	
95,000	\$11,905.95	\$13,040.75	\$1,134.80	9.53%	\$43,344.50	\$43,747.71	\$403.21	0.93%	\$55,250.46	\$56,788.46	\$1,538.00	2.78%	
100,000	\$12,514.57	\$13,709.11	\$1,194.54	9.55%	\$45,625.79	\$46,050.22	\$424.43	0.93%	\$58,140.37	\$59,759.34	\$1,618.97	2.78%	
105,000	\$13,123.20	\$14,377.48	\$1,254.28	9.56%	\$47,907.08	\$48,352.73	\$445.65	0.93%	\$61,030.28	\$62,730.21	\$1,699.93	2.79%	
110,000	\$13,731.82	\$15,045.84	\$1,314.02	9.57%	\$50,188.37	\$50,655.24	\$466.87	0.93%	\$63,920.19	\$65,701.08	\$1,780.89	2.79%	
115,000	\$14,340.44	\$15,714.20	\$1,373.76	9.58%	\$52,469.66	\$52,957.76	\$488.09	0.93%	\$66,810.10	\$68,671.95	\$1,861.85	2.79%	
120,000	\$14,949.06	\$16,382.56	\$1,433.50	9.59%	\$54,750.95	\$55,260.27	\$509.31	0.93%	\$69,700.01	\$71,642.83	\$1,942.81	2.79%	
125,000	\$15,557.68	\$17,050.92	\$1,493.24	9.60%	\$57,032.24	\$57,562.78	\$530.54	0.93%	\$72,589.93	\$74,613.70	\$2,023.77	2.79%	
130,000	\$16,166.30	\$17,719.28	\$1,552.98	9.61%	\$59,313.53	\$59,865.29	\$551.76	0.93%	\$75,479.84	\$77,584.57	\$2,104.74	2.79%	
FY 21					FY 22				Difference	Change			
First 10 or Less				\$333.14				\$333.14	\$0.00	0.00%			
Over 10 Therms per Therm				\$0.120000				\$0.126800	\$0.007	5.67%			
Billing & Payment Processing				\$1.420000				\$1.230000	(\$0.190)	-13.38%			
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000	\$0.000	0.00%			
Revenue Decoupling Mechanism				\$0.000000				\$0.000000	\$0.000	0.00%			
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000	\$0.000	0.00%			
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000	\$0.000	0.00%			
Tax Reform				-\$0.001400				\$0.000000	\$0.001	-100.00%			
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000	\$0.000	0.00%			
Earning Adjustment Mechanism				\$0.000000				\$0.000000	\$0.000	0.00%			
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000	\$0.000	0.00%			
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000	\$0.000	0.00%			
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.003441	\$0.003	0.00%			
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000	\$0.000	0.00%			
Clean Energy Fund				\$0.000000				\$0.000000	\$0.000	0.00%			
Energy Efficiency Surcharge				\$0.000000				\$0.000000	\$0.000	0.00%			
Monthly Cost of Gas				\$0.429608				\$0.435703	\$0.006	1.42%			
Merchant Function Charge				\$0.014939				\$0.012979	(\$0.002)	-13.12%			
GRT on Delivery				2.407000%				2.407000%	\$0.000	0.00%			
GRT on Supply				2.407000%				2.407000%	\$0.000	0.00%			
MTA on Delivery				0.222000%				0.222000%	\$0.000	0.00%			
MTA on Supply				0.222000%				0.222000%	\$0.000	0.00%			

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: Commercial / Government Tier 1
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
-	\$309.36	\$386.14	\$76.78	24.82%	\$0.00	\$0.00	\$0.00	0.00%	\$309.36	\$386.14	\$76.78	24.82%	
3	\$309.11	\$386.15	\$77.04	24.92%	\$0.90	\$0.79	-\$0.11	-11.78%	\$310.01	\$386.94	\$76.93	24.82%	
10	\$301.29	\$386.17	\$84.89	28.18%	\$3.00	\$2.65	-\$0.35	-11.78%	\$304.28	\$388.82	\$84.53	27.78%	
100	\$336.57	\$401.44	\$64.87	19.27%	\$29.99	\$26.46	-\$3.53	-11.78%	\$366.56	\$427.89	\$61.33	16.73%	
1,000	\$616.92	\$554.09	-\$62.83	-10.18%	\$299.91	\$264.57	-\$35.34	-11.78%	\$916.83	\$818.65	(\$98.18)	-10.71%	
2,000	\$928.41	\$723.69	-\$204.72	-22.05%	\$599.82	\$529.13	-\$70.69	-11.78%	\$1,528.23	\$1,252.83	(\$275.41)	-18.02%	
3,000	\$1,239.91	\$893.30	-\$346.61	-27.95%	\$899.73	\$793.70	-\$106.03	-11.78%	\$2,139.64	\$1,687.00	(\$452.64)	-21.15%	
4,000	\$1,551.40	\$1,062.91	-\$488.50	-31.49%	\$1,199.64	\$1,058.27	-\$141.37	-11.78%	\$2,751.04	\$2,121.18	(\$629.87)	-22.90%	
5,000	\$1,862.90	\$1,232.52	-\$630.38	-33.84%	\$1,499.55	\$1,322.83	-\$176.72	-11.78%	\$3,362.45	\$2,555.35	(\$807.10)	-24.00%	
6,000	\$2,174.39	\$1,402.12	-\$772.27	-35.52%	\$1,799.46	\$1,587.40	-\$212.06	-11.78%	\$3,973.85	\$2,989.52	(\$984.33)	-24.77%	
Average	6,938	\$2,466.46	\$1,561.15	-\$905.31	-36.70%	\$2,080.66	\$1,835.46	-\$245.20	-11.78%	\$4,547.12	\$3,396.62	(\$1,150.51)	-25.30%
7,000	\$2,485.89	\$1,571.73	-\$914.16	-36.77%	\$2,099.37	\$1,851.97	-\$247.40	-11.78%	\$4,585.26	\$3,423.70	(\$1,161.56)	-25.33%	
7,050	\$2,501.46	\$1,580.21	-\$921.25	-36.83%	\$2,114.36	\$1,865.20	-\$249.17	-11.78%	\$4,615.83	\$3,445.41	(\$1,170.42)	-25.36%	
7,100	\$2,517.04	\$1,588.69	-\$928.35	-36.88%	\$2,129.36	\$1,878.42	-\$250.94	-11.78%	\$4,646.40	\$3,467.12	(\$1,179.28)	-25.38%	
7,150	\$2,532.61	\$1,597.17	-\$935.44	-36.94%	\$2,144.36	\$1,891.65	-\$252.70	-11.78%	\$4,676.97	\$3,488.82	(\$1,188.14)	-25.40%	
7,200	\$2,548.19	\$1,605.65	-\$942.54	-36.99%	\$2,159.35	\$1,904.88	-\$254.47	-11.78%	\$4,707.54	\$3,510.53	(\$1,197.01)	-25.43%	
7,250	\$2,563.76	\$1,614.13	-\$949.63	-37.04%	\$2,174.35	\$1,918.11	-\$256.24	-11.78%	\$4,738.11	\$3,532.24	(\$1,205.87)	-25.45%	
7,300	\$2,579.34	\$1,622.61	-\$956.72	-37.09%	\$2,189.34	\$1,931.34	-\$258.00	-11.78%	\$4,768.68	\$3,553.95	(\$1,214.73)	-25.47%	
7,350	\$2,594.91	\$1,631.09	-\$963.82	-37.14%	\$2,204.34	\$1,944.57	-\$259.77	-11.78%	\$4,799.25	\$3,575.66	(\$1,223.59)	-25.50%	
7,400	\$2,610.49	\$1,639.57	-\$970.91	-37.19%	\$2,219.33	\$1,957.79	-\$261.54	-11.78%	\$4,829.82	\$3,597.37	(\$1,232.45)	-25.52%	
7,450	\$2,626.06	\$1,648.05	-\$978.01	-37.24%	\$2,234.33	\$1,971.02	-\$263.31	-11.78%	\$4,860.39	\$3,619.08	(\$1,241.31)	-25.54%	
7,500	\$2,641.64	\$1,656.54	-\$985.10	-37.29%	\$2,249.32	\$1,984.25	-\$265.07	-11.78%	\$4,890.96	\$3,640.79	(\$1,250.17)	-25.56%	
7,550	\$2,657.21	\$1,665.02	-\$992.20	-37.34%	\$2,264.32	\$1,997.48	-\$266.84	-11.78%	\$4,921.53	\$3,662.49	(\$1,259.04)	-25.58%	
7,600	\$2,672.79	\$1,673.50	-\$999.29	-37.39%	\$2,279.31	\$2,010.71	-\$268.61	-11.78%	\$4,952.10	\$3,684.20	(\$1,267.90)	-25.60%	
7,650	\$2,688.36	\$1,681.98	-\$1,006.38	-37.43%	\$2,294.31	\$2,023.94	-\$270.38	-11.78%	\$4,982.67	\$3,705.91	(\$1,276.76)	-25.62%	
7,700	\$2,703.94	\$1,690.46	-\$1,013.48	-37.48%	\$2,309.31	\$2,037.16	-\$272.14	-11.78%	\$5,013.24	\$3,727.62	(\$1,285.62)	-25.64%	
7,750	\$2,719.51	\$1,698.94	-\$1,020.57	-37.53%	\$2,324.30	\$2,050.39	-\$273.91	-11.78%	\$5,043.81	\$3,749.33	(\$1,294.48)	-25.66%	
7,800	\$2,735.09	\$1,707.42	-\$1,027.67	-37.57%	\$2,339.30	\$2,063.62	-\$275.68	-11.78%	\$5,074.38	\$3,771.04	(\$1,303.34)	-25.68%	
7,850	\$2,750.66	\$1,715.90	-\$1,034.76	-37.62%	\$2,354.29	\$2,076.85	-\$277.44	-11.78%	\$5,104.95	\$3,792.75	(\$1,312.21)	-25.70%	
7,900	\$2,766.23	\$1,724.38	-\$1,041.86	-37.66%	\$2,369.29	\$2,090.08	-\$279.21	-11.78%	\$5,135.52	\$3,814.46	(\$1,321.07)	-25.72%	
7,950	\$2,781.81	\$1,732.86	-\$1,048.95	-37.71%	\$2,384.28	\$2,103.31	-\$280.98	-11.78%	\$5,166.09	\$3,836.16	(\$1,329.93)	-25.74%	
8,000	\$2,797.38	\$1,741.34	-\$1,056.05	-37.75%	\$2,399.28	\$2,116.53	-\$282.75	-11.78%	\$5,196.66	\$3,857.87	(\$1,338.79)	-25.76%	
FY 21					FY 22						Difference	Change	
First 10 or Less			\$300.00				\$375.00				\$75.00	25.00%	
Over 10 Therms per Therm			\$0.383700				\$0.162100				(\$0.222)	-57.75%	
Billing & Payment Processing			\$1.420000				\$1.230000				(\$0.190)	-13.38%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Revenue Decoupling Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit			\$0.000000				\$0.000000				\$0.000	0.00%	
Gas Safety and Reliability Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Tax Reform			-\$0.080200				\$0.000000				\$0.080	-100.00%	
NY Facilities System Surcharge / Surcredit			\$0.000000				\$0.000000				\$0.000	0.00%	
Earning Adjustment Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
Newtown Creek Revenue Reconciliation			\$0.000000				\$0.000000				\$0.000	0.00%	
Demand Capacity Surcharge Mechanism			\$0.000000				\$0.003154				\$0.003	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms			\$0.000000				\$0.000000				\$0.000	0.00%	
Clean Energy Fund			\$0.000000				\$0.000000				\$0.000	0.00%	
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Monthly Cost of Gas			\$0.282635				\$0.249688				(\$0.033)	-11.66%	
Merchant Function Charge			\$0.009577				\$0.008088				(\$0.001)	-15.55%	
GRT on Delivery			2.407000%				2.407000%				\$0.000	0.00%	
GRT on Supply			2.407000%				2.407000%				\$0.000	0.00%	
MTA on Delivery			0.222000%				0.222000%				\$0.000	0.00%	
MTA on Supply			0.222000%				0.222000%				\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 Non Firm Demand Response: Commercial / Government Tier 2
 Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
-	\$309.36	\$386.14	\$76.78	24.82%	\$0.00	\$0.00	\$0.00	0.00%	\$309.36	\$386.14	\$76.78	24.82%	
3	\$309.11	\$386.15	\$77.04	24.92%	\$0.78	\$0.78	\$0.00	0.26%	\$309.89	\$386.93	\$77.04	24.86%	
10	\$301.29	\$386.17	\$84.89	28.18%	\$2.60	\$2.61	\$0.01	0.26%	\$303.88	\$388.78	\$84.89	27.94%	
100	\$336.57	\$398.45	\$61.87	18.38%	\$25.99	\$26.06	\$0.07	0.26%	\$362.56	\$424.50	\$61.94	17.08%	
1,000	\$616.92	\$521.16	-\$95.75	-15.52%	\$259.88	\$260.56	\$0.68	0.26%	\$876.80	\$781.73	(\$95.07)	-10.84%	
2,000	\$928.41	\$657.52	-\$270.89	-29.18%	\$519.77	\$521.13	\$1.36	0.26%	\$1,448.18	\$1,178.65	(\$269.53)	-18.61%	
3,000	\$1,239.91	\$793.87	-\$446.04	-35.97%	\$779.65	\$781.69	\$2.04	0.26%	\$2,019.56	\$1,575.56	(\$444.00)	-21.98%	
4,000	\$1,551.40	\$930.23	-\$621.18	-40.04%	\$1,039.54	\$1,042.26	\$2.72	0.26%	\$2,590.94	\$1,972.48	(\$618.46)	-23.87%	
5,000	\$1,862.90	\$1,066.58	-\$796.32	-42.75%	\$1,299.42	\$1,302.82	\$3.40	0.26%	\$3,162.32	\$2,369.40	(\$792.92)	-25.07%	
6,000	\$2,174.39	\$1,202.94	-\$971.46	-44.68%	\$1,559.31	\$1,563.38	\$4.08	0.26%	\$3,733.70	\$2,766.32	(\$967.38)	-25.91%	
Average	6,938	\$2,466.46	\$1,330.78	-\$1,135.68	-46.04%	\$1,802.98	\$1,807.70	\$4.72	0.26%	\$4,269.44	\$3,138.48	(\$1,130.96)	-26.49%
7,000	\$2,485.89	\$1,339.29	-\$1,146.60	-46.12%	\$1,819.19	\$1,823.95	\$4.76	0.26%	\$4,305.08	\$3,163.24	(\$1,141.84)	-26.52%	
7,050	\$2,501.46	\$1,346.11	-\$1,155.36	-46.19%	\$1,832.19	\$1,836.98	\$4.79	0.26%	\$4,333.65	\$3,183.08	(\$1,150.56)	-26.55%	
7,100	\$2,517.04	\$1,352.92	-\$1,164.11	-46.25%	\$1,845.18	\$1,850.01	\$4.83	0.26%	\$4,362.22	\$3,202.93	(\$1,159.29)	-26.58%	
7,150	\$2,532.61	\$1,359.74	-\$1,172.87	-46.31%	\$1,858.17	\$1,863.03	\$4.86	0.26%	\$4,390.79	\$3,222.78	(\$1,168.01)	-26.60%	
7,200	\$2,548.19	\$1,366.56	-\$1,181.63	-46.37%	\$1,871.17	\$1,876.06	\$4.89	0.26%	\$4,419.36	\$3,242.62	(\$1,176.73)	-26.63%	
7,250	\$2,563.76	\$1,373.38	-\$1,190.39	-46.43%	\$1,884.16	\$1,889.09	\$4.93	0.26%	\$4,447.92	\$3,262.47	(\$1,185.46)	-26.65%	
7,300	\$2,579.34	\$1,380.20	-\$1,199.14	-46.49%	\$1,897.16	\$1,902.12	\$4.96	0.26%	\$4,476.49	\$3,282.31	(\$1,194.18)	-26.68%	
7,350	\$2,594.91	\$1,387.01	-\$1,207.90	-46.55%	\$1,910.15	\$1,915.15	\$5.00	0.26%	\$4,505.06	\$3,302.16	(\$1,202.90)	-26.70%	
7,400	\$2,610.49	\$1,393.83	-\$1,216.66	-46.61%	\$1,923.14	\$1,928.17	\$5.03	0.26%	\$4,533.63	\$3,322.01	(\$1,211.63)	-26.73%	
7,450	\$2,626.06	\$1,400.65	-\$1,225.41	-46.66%	\$1,936.14	\$1,941.20	\$5.06	0.26%	\$4,562.20	\$3,341.85	(\$1,220.35)	-26.75%	
7,500	\$2,641.64	\$1,407.47	-\$1,234.17	-46.72%	\$1,949.13	\$1,954.23	\$5.10	0.26%	\$4,590.77	\$3,361.70	(\$1,229.07)	-26.77%	
7,550	\$2,657.21	\$1,414.28	-\$1,242.93	-46.78%	\$1,962.13	\$1,967.26	\$5.13	0.26%	\$4,619.34	\$3,381.54	(\$1,237.80)	-26.80%	
7,600	\$2,672.79	\$1,421.10	-\$1,251.68	-46.83%	\$1,975.12	\$1,980.29	\$5.17	0.26%	\$4,647.91	\$3,401.39	(\$1,246.52)	-26.82%	
7,650	\$2,688.36	\$1,427.92	-\$1,260.44	-46.89%	\$1,988.12	\$1,993.32	\$5.20	0.26%	\$4,676.48	\$3,421.24	(\$1,255.24)	-26.84%	
7,700	\$2,703.94	\$1,434.74	-\$1,269.20	-46.94%	\$2,001.11	\$2,006.34	\$5.23	0.26%	\$4,705.05	\$3,441.08	(\$1,263.96)	-26.86%	
7,750	\$2,719.51	\$1,441.55	-\$1,277.96	-46.99%	\$2,014.10	\$2,019.37	\$5.27	0.26%	\$4,733.61	\$3,460.93	(\$1,272.69)	-26.89%	
7,800	\$2,735.09	\$1,448.37	-\$1,286.71	-47.04%	\$2,027.10	\$2,032.40	\$5.30	0.26%	\$4,762.18	\$3,480.77	(\$1,281.41)	-26.91%	
7,850	\$2,750.66	\$1,455.19	-\$1,295.47	-47.10%	\$2,040.09	\$2,045.43	\$5.34	0.26%	\$4,790.75	\$3,500.62	(\$1,290.13)	-26.93%	
7,900	\$2,766.23	\$1,462.01	-\$1,304.23	-47.15%	\$2,053.09	\$2,058.46	\$5.37	0.26%	\$4,819.32	\$3,520.46	(\$1,298.86)	-26.95%	
7,950	\$2,781.81	\$1,468.83	-\$1,312.98	-47.20%	\$2,066.08	\$2,071.48	\$5.40	0.26%	\$4,847.89	\$3,540.31	(\$1,307.58)	-26.97%	
8,000	\$2,797.38	\$1,475.64	-\$1,321.74	-47.25%	\$2,079.08	\$2,084.51	\$5.44	0.26%	\$4,876.46	\$3,560.16	(\$1,316.30)	-26.99%	
FY 21					FY 22						Difference	Change	
First 10 or Less				\$300.00				\$375.00			\$75.00	25.00%	
Over 10 Therms per Therm				\$0.383700				\$0.129700			(\$0.254)	-66.20%	
Billing & Payment Processing				\$1.420000				\$1.230000			(\$0.190)	-13.38%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.080200				\$0.000000			\$0.080	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.003154			\$0.003	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.243637				\$0.245788			\$0.002	0.88%	
Merchant Function Charge				\$0.009577				\$0.008088			(\$0.001)	-15.55%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: MultiFamily Tier 1
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
-	\$315.83	\$394.21	\$78.39	24.82%	\$0.00	\$0.00	\$0.00	0.00%	\$315.83	\$394.21	\$78.39	24.82%
3	\$315.58	\$394.22	\$78.65	24.92%	\$0.90	\$0.79	-\$0.11	-11.78%	\$316.48	\$395.02	\$78.54	24.82%
10	\$301.29	\$394.25	\$92.96	30.86%	\$3.00	\$2.65	-\$0.35	-11.78%	\$304.28	\$396.89	\$92.61	30.43%
100	\$337.96	\$407.30	\$69.34	20.52%	\$29.99	\$26.46	-\$3.53	-11.78%	\$367.95	\$433.76	\$65.81	17.89%
500	\$440.06	\$465.33	\$25.28	5.74%	\$149.95	\$132.28	-\$17.67	-11.78%	\$590.01	\$597.62	\$7.60	1.29%
2,000	\$822.92	\$682.94	-\$139.98	-17.01%	\$599.82	\$529.13	-\$70.69	-11.78%	\$1,422.74	\$1,212.08	(\$210.67)	-14.81%
2,500	\$950.55	\$755.48	-\$195.07	-20.52%	\$749.77	\$661.42	-\$88.36	-11.78%	\$1,700.32	\$1,416.89	(\$283.43)	-16.67%
3,000	\$1,078.17	\$828.01	-\$250.15	-23.20%	\$899.73	\$793.70	-\$106.03	-11.78%	\$1,977.90	\$1,621.71	(\$356.18)	-18.01%
3,100	\$1,103.69	\$842.52	-\$261.17	-23.66%	\$929.72	\$820.16	-\$109.56	-11.78%	\$2,033.41	\$1,662.68	(\$370.74)	-18.23%
3,500	\$1,205.79	\$900.55	-\$305.24	-25.31%	\$1,049.68	\$925.98	-\$123.70	-11.78%	\$2,255.47	\$1,826.53	(\$428.94)	-19.02%
Average	\$1,296.48	\$952.10	-\$344.38	-26.56%	\$1,156.24	\$1,019.99	-\$136.26	-11.78%	\$2,452.72	\$1,972.08	(\$480.64)	-19.60%
4,000	\$1,333.41	\$973.09	-\$360.33	-27.02%	\$1,199.64	\$1,058.27	-\$141.37	-11.78%	\$2,533.05	\$2,031.35	(\$501.70)	-19.81%
4,500	\$1,461.03	\$1,045.62	-\$415.41	-28.43%	\$1,349.59	\$1,190.55	-\$159.04	-11.78%	\$2,810.63	\$2,236.17	(\$574.46)	-20.44%
4,550	\$1,473.80	\$1,052.88	-\$420.92	-28.56%	\$1,364.59	\$1,203.78	-\$160.81	-11.78%	\$2,838.39	\$2,256.66	(\$581.73)	-20.50%
4,600	\$1,486.56	\$1,060.13	-\$426.43	-28.69%	\$1,379.59	\$1,217.01	-\$162.58	-11.78%	\$2,866.14	\$2,277.14	(\$589.01)	-20.55%
4,650	\$1,499.32	\$1,067.38	-\$431.94	-28.81%	\$1,394.58	\$1,230.24	-\$164.35	-11.78%	\$2,893.90	\$2,297.62	(\$596.28)	-20.60%
4,700	\$1,512.08	\$1,074.64	-\$437.45	-28.93%	\$1,409.58	\$1,243.46	-\$166.11	-11.78%	\$2,921.66	\$2,318.10	(\$603.56)	-20.66%
4,750	\$1,524.85	\$1,081.89	-\$442.95	-29.05%	\$1,424.57	\$1,256.69	-\$167.88	-11.78%	\$2,949.42	\$2,338.58	(\$610.83)	-20.71%
4,800	\$1,537.61	\$1,089.14	-\$448.46	-29.17%	\$1,439.57	\$1,269.92	-\$169.65	-11.78%	\$2,977.18	\$2,359.06	(\$618.11)	-20.76%
4,850	\$1,550.37	\$1,096.40	-\$453.97	-29.28%	\$1,454.56	\$1,283.15	-\$171.41	-11.78%	\$3,004.93	\$2,379.55	(\$625.39)	-20.81%
4,900	\$1,563.13	\$1,103.65	-\$459.48	-29.39%	\$1,469.56	\$1,296.38	-\$173.18	-11.78%	\$3,032.69	\$2,400.03	(\$632.66)	-20.86%
4,950	\$1,575.89	\$1,110.91	-\$464.99	-29.51%	\$1,484.55	\$1,309.61	-\$174.95	-11.78%	\$3,060.45	\$2,420.51	(\$639.94)	-20.91%
5,000	\$1,588.66	\$1,118.16	-\$470.50	-29.62%	\$1,499.55	\$1,322.83	-\$176.72	-11.78%	\$3,088.21	\$2,440.99	(\$647.21)	-20.96%
5,050	\$1,601.42	\$1,125.41	-\$476.01	-29.72%	\$1,514.54	\$1,336.06	-\$178.48	-11.78%	\$3,115.96	\$2,461.47	(\$654.49)	-21.00%
5,100	\$1,614.18	\$1,132.67	-\$481.51	-29.83%	\$1,529.54	\$1,349.29	-\$180.25	-11.78%	\$3,143.72	\$2,481.96	(\$661.76)	-21.05%
5,150	\$1,626.94	\$1,139.92	-\$487.02	-29.93%	\$1,544.54	\$1,362.52	-\$182.02	-11.78%	\$3,171.48	\$2,502.44	(\$669.04)	-21.10%
5,200	\$1,639.71	\$1,147.17	-\$492.53	-30.04%	\$1,559.53	\$1,375.75	-\$183.78	-11.78%	\$3,199.24	\$2,522.92	(\$676.32)	-21.14%
5,250	\$1,652.47	\$1,154.43	-\$498.04	-30.14%	\$1,574.53	\$1,388.98	-\$185.55	-11.78%	\$3,226.99	\$2,543.40	(\$683.59)	-21.18%
5,300	\$1,665.23	\$1,161.68	-\$503.55	-30.24%	\$1,589.52	\$1,402.20	-\$187.32	-11.78%	\$3,254.75	\$2,563.88	(\$690.87)	-21.23%
5,350	\$1,677.99	\$1,168.93	-\$509.06	-30.34%	\$1,604.52	\$1,415.43	-\$189.09	-11.78%	\$3,282.51	\$2,584.37	(\$698.14)	-21.27%
5,400	\$1,690.75	\$1,176.19	-\$514.57	-30.43%	\$1,619.51	\$1,428.66	-\$190.85	-11.78%	\$3,310.27	\$2,604.85	(\$705.42)	-21.31%
5,450	\$1,703.52	\$1,183.44	-\$520.07	-30.53%	\$1,634.51	\$1,441.89	-\$192.62	-11.78%	\$3,338.03	\$2,625.33	(\$712.69)	-21.35%
FY 21					FY 22						Difference	Change
First 10 or Less			\$300.00				\$375.00				\$75.00	25.00%
Over 10 Therms per Therm			\$0.323800				\$0.135300				(\$0.189)	-58.21%
Billing & Payment Processing			\$1.420000				\$1.230000				(\$0.190)	-13.38%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Revenue Decoupling Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%
TC/IT Revenue Surcharge / Credit			\$0.000000				\$0.000000				\$0.000	0.00%
Gas Safety and Reliability Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Tax Reform			-\$0.080200				\$0.000000				\$0.080	-100.00%
NY Facilities System Surcharge / Surcredit			\$0.000000				\$0.000000				\$0.000	0.00%
Earning Adjustment Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%
Newtown Creek Revenue Reconciliation			\$0.000000				\$0.000000				\$0.000	0.00%
Demand Capacity Surcharge Mechanism			\$0.000000				\$0.003154				\$0.003	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms			\$0.000000				\$0.000000				\$0.000	0.00%
Clean Energy Fund			\$0.000000				\$0.000000				\$0.000	0.00%
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Monthly Cost of Gas			\$0.282635				\$0.249688				(\$0.033)	-11.66%
Merchant Function Charge			\$0.009577				\$0.008088				(\$0.001)	-15.55%
GRT on Delivery			4.548000%				4.548000%				\$0.000	0.00%
GRT on Supply			2.407000%				2.407000%				\$0.000	0.00%
MTA on Delivery			0.222000%				0.222000%				\$0.000	0.00%
MTA on Supply			0.222000%				0.222000%				\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 Non Firm Demand Response: MultiFamily Tier 2
 Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
-	\$315.83	\$394.21	\$78.39	24.82%	\$0.00	\$0.00	\$0.00	0.00%	\$315.83	\$394.21	\$78.39	24.82%
3	\$315.58	\$394.22	\$78.65	24.92%	\$0.78	\$0.78	\$0.00	0.26%	\$316.36	\$395.01	\$78.65	24.86%
10	\$301.29	\$394.25	\$92.96	30.86%	\$2.60	\$2.61	\$0.01	0.26%	\$303.88	\$396.85	\$92.97	30.59%
100	\$337.96	\$404.75	\$66.79	19.76%	\$25.99	\$26.06	\$0.07	0.26%	\$363.95	\$430.80	\$66.86	18.37%
500	\$440.06	\$451.42	\$11.36	2.58%	\$129.94	\$130.28	\$0.34	0.26%	\$570.00	\$581.70	\$11.70	2.05%
2,000	\$822.92	\$626.43	-\$196.49	-23.88%	\$519.77	\$521.13	\$1.36	0.26%	\$1,342.69	\$1,147.56	(\$195.13)	-14.53%
2,500	\$950.55	\$684.77	-\$265.77	-27.96%	\$649.71	\$651.41	\$1.70	0.26%	\$1,600.26	\$1,336.18	(\$264.07)	-16.50%
3,000	\$1,078.17	\$743.11	-\$335.06	-31.08%	\$779.65	\$781.69	\$2.04	0.26%	\$1,857.82	\$1,524.80	(\$333.02)	-17.93%
3,100	\$1,103.69	\$754.78	-\$348.91	-31.61%	\$805.64	\$807.75	\$2.11	0.26%	\$1,909.33	\$1,562.53	(\$346.81)	-18.16%
3,500	\$1,205.79	\$801.45	-\$404.34	-33.53%	\$909.60	\$911.97	\$2.38	0.26%	\$2,115.39	\$1,713.43	(\$401.96)	-19.00%
Average	\$3,855	\$1,296.48	-\$453.57	-34.99%	\$1,001.93	\$1,004.55	\$2.62	0.26%	\$2,298.41	\$1,847.46	(\$450.95)	-19.62%
4,000	\$1,333.41	\$859.79	-\$473.62	-35.52%	\$1,039.54	\$1,042.26	\$2.72	0.26%	\$2,372.95	\$1,902.05	(\$470.90)	-19.84%
4,500	\$1,461.03	\$918.13	-\$542.91	-37.16%	\$1,169.48	\$1,172.54	\$3.06	0.26%	\$2,630.51	\$2,090.67	(\$539.85)	-20.52%
4,550	\$1,473.80	\$923.96	-\$549.84	-37.31%	\$1,182.47	\$1,185.57	\$3.09	0.26%	\$2,656.27	\$2,109.53	(\$546.74)	-20.58%
4,600	\$1,486.56	\$929.80	-\$556.76	-37.45%	\$1,195.47	\$1,198.60	\$3.13	0.26%	\$2,682.03	\$2,128.39	(\$553.64)	-20.64%
4,650	\$1,499.32	\$935.63	-\$563.69	-37.60%	\$1,208.46	\$1,211.62	\$3.16	0.26%	\$2,707.78	\$2,147.25	(\$560.53)	-20.70%
4,700	\$1,512.08	\$941.46	-\$570.62	-37.74%	\$1,221.46	\$1,224.65	\$3.19	0.26%	\$2,733.54	\$2,166.11	(\$567.43)	-20.76%
4,750	\$1,524.85	\$947.30	-\$577.55	-37.88%	\$1,234.45	\$1,237.68	\$3.23	0.26%	\$2,759.30	\$2,184.98	(\$574.32)	-20.81%
4,800	\$1,537.61	\$953.13	-\$584.48	-38.01%	\$1,247.45	\$1,250.71	\$3.26	0.26%	\$2,785.05	\$2,203.84	(\$581.21)	-20.87%
4,850	\$1,550.37	\$958.96	-\$591.41	-38.15%	\$1,260.44	\$1,263.74	\$3.30	0.26%	\$2,810.81	\$2,222.70	(\$588.11)	-20.92%
4,900	\$1,563.13	\$964.80	-\$598.33	-38.28%	\$1,273.43	\$1,276.76	\$3.33	0.26%	\$2,836.57	\$2,241.56	(\$595.00)	-20.98%
4,950	\$1,575.89	\$970.63	-\$605.26	-38.41%	\$1,286.43	\$1,289.79	\$3.36	0.26%	\$2,862.32	\$2,260.42	(\$601.90)	-21.03%
5,000	\$1,588.66	\$976.47	-\$612.19	-38.54%	\$1,299.42	\$1,302.82	\$3.40	0.26%	\$2,888.08	\$2,279.29	(\$608.79)	-21.08%
5,050	\$1,601.42	\$982.30	-\$619.12	-38.66%	\$1,312.42	\$1,315.85	\$3.43	0.26%	\$2,913.84	\$2,298.15	(\$615.69)	-21.13%
5,100	\$1,614.18	\$988.13	-\$626.05	-38.78%	\$1,325.41	\$1,328.88	\$3.47	0.26%	\$2,939.59	\$2,317.01	(\$622.58)	-21.18%
5,150	\$1,626.94	\$993.97	-\$632.98	-38.91%	\$1,338.40	\$1,341.91	\$3.50	0.26%	\$2,965.35	\$2,335.87	(\$629.48)	-21.23%
5,200	\$1,639.71	\$999.80	-\$639.90	-39.03%	\$1,351.40	\$1,354.93	\$3.53	0.26%	\$2,991.10	\$2,354.74	(\$636.37)	-21.28%
5,250	\$1,652.47	\$1,005.64	-\$646.83	-39.14%	\$1,364.39	\$1,367.96	\$3.57	0.26%	\$3,016.86	\$2,373.60	(\$643.26)	-21.32%
5,300	\$1,665.23	\$1,011.47	-\$653.76	-39.26%	\$1,377.39	\$1,380.99	\$3.60	0.26%	\$3,042.62	\$2,392.46	(\$650.16)	-21.37%
5,350	\$1,677.99	\$1,017.30	-\$660.69	-39.37%	\$1,390.38	\$1,394.02	\$3.64	0.26%	\$3,068.37	\$2,411.32	(\$657.05)	-21.41%
5,400	\$1,690.75	\$1,023.14	-\$667.62	-39.49%	\$1,403.38	\$1,407.05	\$3.67	0.26%	\$3,094.13	\$2,430.18	(\$663.95)	-21.46%
5,450	\$1,703.52	\$1,028.97	-\$674.55	-39.60%	\$1,416.37	\$1,420.07	\$3.70	0.26%	\$3,119.89	\$2,449.05	(\$670.84)	-21.50%
FY 21					FY 22						Difference	Change
First 10 or Less				\$300.00				\$375.00			\$75.00	25.00%
Over 10 Therms per Therm				\$0.323800				\$0.108200			(\$0.216)	-66.58%
Billing & Payment Processing				\$1.420000				\$1.230000			(\$0.190)	-13.38%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				-\$0.080200				\$0.000000			\$0.080	-100.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.003154			\$0.003	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.243637				\$0.245788			\$0.002	0.88%
Merchant Function Charge				\$0.009577				\$0.008088			(\$0.001)	-15.55%
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1A - Residential Non Heat
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

Table with 13 columns: Therm Usage, Delivery (FY 22, FY 23, Difference, Change), Commodity (FY 22, FY 23, Difference, Change), Total (FY 22, FY 23, Difference, Change). Includes rows for Average, 10-20,000 therm usage, and various surcharges and adjustments for FY 22 and FY 23.

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 SC 1AR - Residential Non Heat Reduced Rate (Tier 1)
 Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
0	\$15.17	\$15.26	\$0.08	0.55%	\$0.00	\$0.00	\$0.00	0.00%	\$15.17	\$15.26	\$0.08	0.55%
1	\$15.18	\$15.28	\$0.10	0.67%	\$0.43	\$0.43	\$0.00	0.00%	\$15.61	\$15.71	\$0.10	0.65%
2	\$15.18	\$15.30	\$0.12	0.78%	\$0.86	\$0.86	\$0.00	0.00%	\$16.04	\$16.16	\$0.12	0.74%
3	\$15.19	\$15.33	\$0.14	0.90%	\$1.28	\$1.28	\$0.00	0.00%	\$16.47	\$16.61	\$0.14	0.83%
6	\$21.49	\$21.82	\$0.33	1.54%	\$2.57	\$2.57	\$0.00	0.00%	\$24.06	\$24.39	\$0.33	1.37%
Average	\$23.59	\$23.99	\$0.39	1.67%	\$3.00	\$3.00	\$0.00	0.00%	\$26.59	\$26.99	\$0.39	1.48%
8	\$25.69	\$26.15	\$0.46	1.79%	\$3.43	\$3.43	\$0.00	0.00%	\$29.12	\$29.58	\$0.46	1.58%
10	\$29.90	\$30.49	\$0.59	1.97%	\$4.28	\$4.28	\$0.00	0.00%	\$34.18	\$34.77	\$0.59	1.72%
15	\$40.40	\$41.31	\$0.91	2.25%	\$6.42	\$6.42	\$0.00	0.00%	\$46.83	\$47.74	\$0.91	1.94%
20	\$50.91	\$52.14	\$1.23	2.42%	\$8.56	\$8.56	\$0.00	0.00%	\$59.47	\$60.71	\$1.23	2.07%
25	\$61.42	\$62.97	\$1.56	2.53%	\$10.70	\$10.70	\$0.00	0.00%	\$72.12	\$73.67	\$1.56	2.16%
30	\$71.92	\$73.80	\$1.88	2.61%	\$12.84	\$12.84	\$0.00	0.00%	\$84.77	\$86.64	\$1.88	2.22%
35	\$82.43	\$84.63	\$2.20	2.67%	\$14.99	\$14.99	\$0.00	0.00%	\$97.41	\$99.61	\$2.20	2.26%
40	\$92.93	\$95.46	\$2.52	2.71%	\$17.13	\$17.13	\$0.00	0.00%	\$110.06	\$112.58	\$2.52	2.29%
45	\$103.44	\$106.28	\$2.84	2.75%	\$19.27	\$19.27	\$0.00	0.00%	\$122.71	\$125.55	\$2.84	2.32%
50	\$113.95	\$117.11	\$3.17	2.78%	\$21.41	\$21.41	\$0.00	0.00%	\$135.35	\$138.52	\$3.17	2.34%
55	\$118.64	\$122.24	\$3.60	3.04%	\$23.55	\$23.55	\$0.00	0.00%	\$142.19	\$145.79	\$3.60	2.53%
60	\$123.33	\$127.37	\$4.04	3.28%	\$25.69	\$25.69	\$0.00	0.00%	\$149.02	\$153.06	\$4.04	2.71%
65	\$128.02	\$132.50	\$4.48	3.50%	\$27.83	\$27.83	\$0.00	0.00%	\$155.85	\$160.33	\$4.48	2.87%
70	\$132.72	\$137.63	\$4.91	3.70%	\$29.97	\$29.97	\$0.00	0.00%	\$162.69	\$167.60	\$4.91	3.02%
75	\$137.41	\$142.76	\$5.35	3.89%	\$32.11	\$32.11	\$0.00	0.00%	\$169.52	\$174.87	\$5.35	3.16%
80	\$142.10	\$147.89	\$5.79	4.07%	\$34.25	\$34.25	\$0.00	0.00%	\$176.36	\$182.14	\$5.79	3.28%
85	\$146.80	\$153.02	\$6.22	4.24%	\$36.39	\$36.39	\$0.00	0.00%	\$183.19	\$189.41	\$6.22	3.40%
90	\$151.49	\$158.15	\$6.66	4.40%	\$38.53	\$38.53	\$0.00	0.00%	\$190.02	\$196.68	\$6.66	3.51%
95	\$156.18	\$163.28	\$7.10	4.54%	\$40.67	\$40.67	\$0.00	0.00%	\$196.86	\$203.95	\$7.10	3.61%
100	\$160.87	\$168.41	\$7.53	4.68%	\$42.82	\$42.82	\$0.00	0.00%	\$203.69	\$211.22	\$7.53	3.70%
125	\$184.34	\$194.06	\$9.72	5.27%	\$53.52	\$53.52	\$0.00	0.00%	\$237.86	\$247.57	\$9.72	4.09%
150	\$207.80	\$219.70	\$11.90	5.73%	\$64.22	\$64.22	\$0.00	0.00%	\$272.03	\$283.93	\$11.90	4.37%
175	\$231.27	\$245.35	\$14.08	6.09%	\$74.93	\$74.93	\$0.00	0.00%	\$306.19	\$320.28	\$14.08	4.60%
200	\$254.73	\$271.00	\$16.27	6.39%	\$85.63	\$85.63	\$0.00	0.00%	\$340.36	\$356.63	\$16.27	4.78%
225	\$278.19	\$296.64	\$18.45	6.63%	\$96.34	\$96.34	\$0.00	0.00%	\$374.53	\$392.98	\$18.45	4.93%
250	\$301.66	\$322.29	\$20.63	6.84%	\$107.04	\$107.04	\$0.00	0.00%	\$408.70	\$429.33	\$20.63	5.05%
275	\$325.12	\$347.94	\$22.82	7.02%	\$117.74	\$117.74	\$0.00	0.00%	\$442.87	\$465.68	\$22.82	5.15%
300	\$348.59	\$373.59	\$25.00	7.17%	\$128.45	\$128.45	\$0.00	0.00%	\$477.03	\$502.03	\$25.00	5.24%
350	\$395.52	\$424.88	\$29.37	7.42%	\$149.86	\$149.86	\$0.00	0.00%	\$545.37	\$574.74	\$29.37	5.38%
400	\$442.44	\$476.18	\$33.73	7.62%	\$171.26	\$171.26	\$0.00	0.00%	\$613.71	\$647.44	\$33.73	5.50%
450	\$489.37	\$527.47	\$38.10	7.79%	\$192.67	\$192.67	\$0.00	0.00%	\$682.04	\$720.14	\$38.10	5.59%
500	\$536.30	\$578.77	\$42.47	7.92%	\$214.08	\$214.08	\$0.00	0.00%	\$750.38	\$792.84	\$42.47	5.66%
600	\$630.16	\$681.36	\$51.20	8.12%	\$256.89	\$256.89	\$0.00	0.00%	\$887.05	\$938.25	\$51.20	5.77%
700	\$724.01	\$783.94	\$59.93	8.28%	\$299.71	\$299.71	\$0.00	0.00%	\$1,023.72	\$1,083.65	\$59.93	5.85%
850	\$864.80	\$937.83	\$73.03	8.44%	\$363.93	\$363.93	\$0.00	0.00%	\$1,228.73	\$1,301.76	\$73.03	5.94%
1,000	\$1,005.58	\$1,091.71	\$86.13	8.57%	\$428.16	\$428.16	\$0.00	0.00%	\$1,433.74	\$1,519.87	\$86.13	6.01%
1,250	\$1,240.22	\$1,348.19	\$107.96	8.71%	\$535.20	\$535.20	\$0.00	0.00%	\$1,775.42	\$1,883.38	\$107.96	6.08%
1,500	\$1,474.86	\$1,604.66	\$129.80	8.80%	\$642.24	\$642.24	\$0.00	0.00%	\$2,117.10	\$2,246.90	\$129.80	6.13%
1,750	\$1,709.51	\$1,861.13	\$151.63	8.87%	\$749.28	\$749.28	\$0.00	0.00%	\$2,458.78	\$2,610.41	\$151.63	6.17%
2,000	\$1,944.15	\$2,117.61	\$173.46	8.92%	\$856.32	\$856.32	\$0.00	0.00%	\$2,800.46	\$2,973.92	\$173.46	6.19%
3,000	\$2,882.71	\$3,143.50	\$260.79	9.05%	\$1,284.47	\$1,284.47	\$0.00	0.00%	\$4,167.19	\$4,427.98	\$260.79	6.26%

	FY 22	FY 23	Difference	Change
First 3 or Less		\$13.25	\$0.00	0.00%
Next 47 Therms per Therm	\$2,000,000	\$2,044,800	\$0.045	2.24%
Over 50 Therms per Therm	\$0.890400	\$0.957000	\$0.067	7.48%
Billing & Payment Processing	\$1.230000	\$1.310000	\$0.080	6.50%
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Revenue Decoupling Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Electric Generator Revenue	\$0.000000	\$0.000000	\$0.000	0.00%
TC/IT Revenue Surcharge / Credit	\$0.000000	\$0.000000	\$0.000	0.00%
Gas Safety and Reliability Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Tax Reform	\$0.000000	\$0.000000	\$0.000	0.00%
NY Facilities System Surcharge / Surcredit	\$0.000000	\$0.000000	\$0.000	0.00%
Earning Adjustment Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Newtown Creek Revenue Reconciliation	\$0.000000	\$0.000000	\$0.000	0.00%
Non Labor Demand Response O&M Cost	\$0.000000	\$0.000605	\$0.001	0.00%
Demand Capacity Surcharge Mechanism	\$0.005347	\$0.021488	\$0.016	301.85%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000	\$0.000000	\$0.000	0.00%
Clean Energy Fund	\$0.000000	\$0.000000	\$0.000	0.00%
Energy Efficiency Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Monthly Cost of Gas	\$0.404987	\$0.404987	\$0.000	0.00%
Merchant Function Charge	\$0.012181	\$0.012181	\$0.000	0.00%
GRT on Delivery	4.548000%	4.548000%	\$0.000	0.00%
GRT on Supply	2.407000%	2.407000%	\$0.000	0.00%
MTA on Delivery	0.222000%	0.222000%	\$0.000	0.00%
MTA on Supply	0.222000%	0.222000%	\$0.000	0.00%

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level. In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are six Energy Affordability Credit tiers. The Heating customers Tiers : Tier 1: \$35.00, Tier 2: \$57.00, Tier 3: \$78.00, Tier 4: \$64.00, Tier 5: \$35.00, Tier 6: \$35.00 The Non-Heating customers Tiers : Tier 1-Tier 6: \$3

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 SC 1B-DG - Residential Heat Distributed Generation
 Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$35.79	\$35.88	\$0.08	0.23%	\$0.00	\$0.00	\$0.00	0.00%	\$35.79	\$35.88	\$0.08	0.23%	
3	\$35.81	\$35.96	\$0.15	0.41%	\$1.28	\$1.28	\$0.00	0.00%	\$37.10	\$37.24	\$0.15	0.39%	
10	\$37.24	\$37.55	\$0.31	0.83%	\$4.28	\$4.28	\$0.00	0.00%	\$41.53	\$41.84	\$0.31	0.75%	
15	\$38.27	\$38.69	\$0.43	1.12%	\$6.42	\$6.42	\$0.00	0.00%	\$44.69	\$45.12	\$0.43	0.96%	
20	\$39.29	\$39.83	\$0.55	1.39%	\$8.56	\$8.56	\$0.00	0.00%	\$47.85	\$48.40	\$0.55	1.14%	
30	\$41.34	\$42.12	\$0.78	1.89%	\$12.84	\$12.84	\$0.00	0.00%	\$54.18	\$54.96	\$0.78	1.44%	
40	\$43.38	\$44.40	\$1.02	2.34%	\$17.13	\$17.13	\$0.00	0.00%	\$60.51	\$61.52	\$1.02	1.68%	
50	\$45.43	\$46.68	\$1.25	2.75%	\$21.41	\$21.41	\$0.00	0.00%	\$66.83	\$68.09	\$1.25	1.87%	
75	\$50.54	\$52.38	\$1.84	3.64%	\$32.11	\$32.11	\$0.00	0.00%	\$82.65	\$84.49	\$1.84	2.22%	
100	\$55.66	\$58.08	\$2.43	4.36%	\$42.82	\$42.82	\$0.00	0.00%	\$98.47	\$100.90	\$2.43	2.46%	
150	\$65.89	\$69.49	\$3.60	5.47%	\$64.22	\$64.22	\$0.00	0.00%	\$130.11	\$133.71	\$3.60	2.77%	
Average	199	\$75.91	\$80.66	\$4.75	6.26%	\$85.20	\$85.20	\$0.00	0.00%	\$161.11	\$165.87	\$4.75	2.95%
200	\$76.11	\$80.89	\$4.78	6.27%	\$85.63	\$85.63	\$0.00	0.00%	\$161.75	\$166.52	\$4.78	2.95%	
250	\$86.34	\$92.30	\$5.95	6.89%	\$107.04	\$107.04	\$0.00	0.00%	\$193.38	\$199.33	\$5.95	3.08%	
300	\$96.57	\$103.70	\$7.13	7.38%	\$128.45	\$128.45	\$0.00	0.00%	\$225.02	\$232.15	\$7.13	3.17%	
350	\$106.80	\$115.10	\$8.30	7.77%	\$149.86	\$149.86	\$0.00	0.00%	\$256.66	\$264.96	\$8.30	3.23%	
400	\$117.03	\$126.51	\$9.48	8.10%	\$171.26	\$171.26	\$0.00	0.00%	\$288.29	\$297.77	\$9.48	3.29%	
450	\$127.26	\$137.91	\$10.65	8.37%	\$192.67	\$192.67	\$0.00	0.00%	\$319.93	\$330.58	\$10.65	3.33%	
500	\$137.49	\$149.32	\$11.83	8.60%	\$214.08	\$214.08	\$0.00	0.00%	\$351.57	\$363.40	\$11.83	3.36%	
550	\$147.72	\$160.72	\$13.00	8.80%	\$235.49	\$235.49	\$0.00	0.00%	\$383.21	\$396.21	\$13.00	3.39%	
600	\$157.95	\$172.13	\$14.18	8.98%	\$256.89	\$256.89	\$0.00	0.00%	\$414.84	\$429.02	\$14.18	3.42%	
650	\$168.18	\$183.53	\$15.35	9.13%	\$278.30	\$278.30	\$0.00	0.00%	\$446.48	\$461.83	\$15.35	3.44%	
700	\$178.41	\$194.93	\$16.53	9.26%	\$299.71	\$299.71	\$0.00	0.00%	\$478.12	\$494.64	\$16.53	3.46%	

	FY 22	FY 23	Difference	Change
First 3 or Less		\$32.93	\$32.93	0.00%
Over 3 Therms per Therm		\$0.189300	\$0.192000	1.43%
Billing & Payment Processing		\$1.230000	\$1.310000	6.50%
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge		\$0.000000	\$0.000000	0.00%
Revenue Decoupling Mechanism		\$0.000000	\$0.000000	0.00%
Electric Generator Revenue		\$0.000000	\$0.000000	0.00%
TC/IT Revenue Surcharge / Credit		\$0.000000	\$0.000000	0.00%
Gas Safety and Reliability Surcharge		\$0.000000	\$0.000000	0.00%
Tax Reform		\$0.000000	\$0.000000	0.00%
NY Facilities System Surcharge / Surcredit		\$0.000000	\$0.000000	0.00%
Earning Adjustment Mechanism		\$0.000000	\$0.000000	0.00%
Newtown Creek Revenue Reconciliation		\$0.000000	\$0.000000	0.00%
Non Labor Demand Response O&M Cost		\$0.000000	\$0.001019	0.00%
Demand Capacity Surcharge Mechanism		\$0.005951	\$0.024663	314.40%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms		\$0.000000	\$0.000000	0.00%
Clean Energy Fund		\$0.000000	\$0.000000	0.00%
Energy Efficiency Surcharge		\$0.000000	\$0.000000	0.00%
Monthly Cost of Gas		\$0.404987	\$0.404987	0.00%
Merchant Function Charge		\$0.012181	\$0.012181	0.00%
GRT on Delivery		4.548000%	4.548000%	0.00%
GRT on Supply		2.407000%	2.407000%	0.00%
MTA on Delivery		0.222000%	0.222000%	0.00%
MTA on Supply		0.222000%	0.222000%	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 2-2 - Non Residential Heat
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
-	\$39.80	\$39.88	\$0.08	0.21%	\$0.00	\$0.00	\$0.00	0.00%	\$39.80	\$39.88	\$0.08	0.21%
1	\$39.81	\$39.91	\$0.10	0.26%	\$0.43	\$0.43	\$0.00	0.00%	\$40.24	\$40.34	\$0.10	0.25%
2	\$39.81	\$39.94	\$0.12	0.30%	\$0.86	\$0.86	\$0.00	0.00%	\$40.67	\$40.79	\$0.12	0.30%
3	\$39.82	\$39.96	\$0.14	0.35%	\$1.28	\$1.28	\$0.00	0.00%	\$41.10	\$41.25	\$0.14	0.34%
6	\$41.95	\$42.21	\$0.25	0.60%	\$2.57	\$2.57	\$0.00	0.00%	\$44.52	\$44.78	\$0.25	0.57%
8	\$43.38	\$43.70	\$0.33	0.76%	\$3.43	\$3.43	\$0.00	0.00%	\$46.80	\$47.13	\$0.33	0.70%
10	\$44.80	\$45.20	\$0.40	0.90%	\$4.28	\$4.28	\$0.00	0.00%	\$49.08	\$49.48	\$0.40	0.82%
15	\$48.36	\$48.94	\$0.59	1.22%	\$6.42	\$6.42	\$0.00	0.00%	\$54.78	\$55.37	\$0.59	1.07%
20	\$51.91	\$52.69	\$0.78	1.49%	\$8.56	\$8.56	\$0.00	0.00%	\$60.47	\$61.25	\$0.78	1.28%
25	\$55.47	\$56.43	\$0.96	1.73%	\$10.70	\$10.70	\$0.00	0.00%	\$66.17	\$67.13	\$0.96	1.45%
30	\$59.02	\$60.17	\$1.15	1.94%	\$12.84	\$12.84	\$0.00	0.00%	\$71.87	\$73.02	\$1.15	1.60%
35	\$62.58	\$63.91	\$1.33	2.13%	\$14.99	\$14.99	\$0.00	0.00%	\$77.57	\$78.90	\$1.33	1.72%
40	\$66.14	\$67.66	\$1.52	2.30%	\$17.13	\$17.13	\$0.00	0.00%	\$83.26	\$84.78	\$1.52	1.83%
45	\$69.69	\$71.40	\$1.71	2.45%	\$19.27	\$19.27	\$0.00	0.00%	\$88.96	\$90.67	\$1.71	1.92%
50	\$73.25	\$75.14	\$1.89	2.59%	\$21.41	\$21.41	\$0.00	0.00%	\$94.66	\$96.55	\$1.89	2.00%
55	\$76.81	\$78.89	\$2.08	2.71%	\$23.55	\$23.55	\$0.00	0.00%	\$100.35	\$102.43	\$2.08	2.07%
60	\$80.36	\$82.63	\$2.27	2.82%	\$25.69	\$25.69	\$0.00	0.00%	\$106.05	\$108.32	\$2.27	2.14%
65	\$83.92	\$86.37	\$2.45	2.92%	\$27.83	\$27.83	\$0.00	0.00%	\$111.75	\$114.20	\$2.45	2.20%
70	\$87.47	\$90.11	\$2.64	3.02%	\$29.97	\$29.97	\$0.00	0.00%	\$117.45	\$120.08	\$2.64	2.25%
75	\$91.03	\$93.86	\$2.83	3.10%	\$32.11	\$32.11	\$0.00	0.00%	\$123.14	\$125.97	\$2.83	2.30%
80	\$94.59	\$97.60	\$3.01	3.19%	\$34.25	\$34.25	\$0.00	0.00%	\$128.84	\$131.85	\$3.01	2.34%
85	\$98.14	\$101.34	\$3.20	3.26%	\$36.39	\$36.39	\$0.00	0.00%	\$134.54	\$137.74	\$3.20	2.38%
90	\$101.70	\$105.08	\$3.39	3.33%	\$38.53	\$38.53	\$0.00	0.00%	\$140.23	\$143.62	\$3.39	2.41%
95	\$104.87	\$108.44	\$3.56	3.40%	\$40.67	\$40.67	\$0.00	0.00%	\$145.55	\$149.11	\$3.56	2.45%
100	\$108.05	\$111.79	\$3.74	3.46%	\$42.82	\$42.82	\$0.00	0.00%	\$150.86	\$154.60	\$3.74	2.48%
125	\$123.92	\$128.54	\$4.62	3.73%	\$53.52	\$53.52	\$0.00	0.00%	\$177.44	\$182.06	\$4.62	2.61%
150	\$139.79	\$145.29	\$5.51	3.94%	\$64.22	\$64.22	\$0.00	0.00%	\$204.01	\$209.52	\$5.51	2.70%
175	\$155.66	\$162.05	\$6.39	4.11%	\$74.93	\$74.93	\$0.00	0.00%	\$230.58	\$236.97	\$6.39	2.77%
200	\$171.53	\$178.80	\$7.27	4.24%	\$85.63	\$85.63	\$0.00	0.00%	\$257.16	\$264.43	\$7.27	2.83%
225	\$187.40	\$195.55	\$8.16	4.35%	\$96.34	\$96.34	\$0.00	0.00%	\$283.73	\$291.89	\$8.16	2.87%
250	\$203.27	\$212.31	\$9.04	4.45%	\$107.04	\$107.04	\$0.00	0.00%	\$310.30	\$319.35	\$9.04	2.91%
275	\$219.13	\$229.06	\$9.92	4.53%	\$117.74	\$117.74	\$0.00	0.00%	\$336.88	\$346.80	\$9.92	2.95%
300	\$235.00	\$245.81	\$10.81	4.60%	\$128.45	\$128.45	\$0.00	0.00%	\$363.45	\$374.26	\$10.81	2.97%
350	\$266.74	\$279.32	\$12.57	4.71%	\$149.86	\$149.86	\$0.00	0.00%	\$416.60	\$429.17	\$12.57	3.02%
Average	\$276.27	\$289.37	\$13.10	4.74%	\$156.28	\$156.28	\$0.00	0.00%	\$432.54	\$445.65	\$13.10	3.03%
400	\$298.48	\$312.83	\$14.34	4.80%	\$171.26	\$171.26	\$0.00	0.00%	\$469.75	\$484.09	\$14.34	3.05%
450	\$330.22	\$346.33	\$16.11	4.88%	\$192.67	\$192.67	\$0.00	0.00%	\$522.89	\$539.00	\$16.11	3.08%
500	\$361.96	\$379.84	\$17.88	4.94%	\$214.08	\$214.08	\$0.00	0.00%	\$576.04	\$593.92	\$17.88	3.10%
600	\$425.44	\$446.85	\$21.41	5.03%	\$256.89	\$256.89	\$0.00	0.00%	\$682.34	\$703.75	\$21.41	3.14%
700	\$488.92	\$513.86	\$24.94	5.10%	\$299.71	\$299.71	\$0.00	0.00%	\$788.63	\$813.58	\$24.94	3.16%
850	\$584.14	\$614.38	\$30.25	5.18%	\$363.93	\$363.93	\$0.00	0.00%	\$948.07	\$978.32	\$30.25	3.19%
1,000	\$679.36	\$714.90	\$35.55	5.23%	\$428.16	\$428.16	\$0.00	0.00%	\$1,107.51	\$1,143.06	\$35.55	3.21%
1,250	\$838.05	\$882.44	\$44.38	5.30%	\$535.20	\$535.20	\$0.00	0.00%	\$1,373.25	\$1,417.63	\$44.38	3.23%
1,500	\$996.75	\$1,049.97	\$53.22	5.34%	\$642.24	\$642.24	\$0.00	0.00%	\$1,638.99	\$1,692.21	\$53.22	3.25%
1,750	\$1,155.45	\$1,217.50	\$62.06	5.37%	\$749.28	\$749.28	\$0.00	0.00%	\$1,904.72	\$1,966.78	\$62.06	3.26%
2,000	\$1,314.14	\$1,385.03	\$70.89	5.39%	\$856.32	\$856.32	\$0.00	0.00%	\$2,170.46	\$2,241.35	\$70.89	3.27%
3,000	\$1,948.93	\$2,055.17	\$106.23	5.45%	\$1,284.47	\$1,284.47	\$0.00	0.00%	\$3,233.40	\$3,339.64	\$106.23	3.29%
5,000	\$2,836.50	\$3,004.19	\$167.68	5.91%	\$2,140.79	\$2,140.79	\$0.00	0.00%	\$4,977.29	\$5,144.97	\$167.68	3.37%
FY 22					FY 23						Difference	Change
First 3 therms				\$37.55				\$37.55			\$0.00	0.00%
Next 87 therms				\$0.686900				\$0.704100			\$0.017	2.50%
Next 2,910 therms				\$0.612400				\$0.627700			\$0.015	2.50%
Over 3,000 therms				\$0.426300				\$0.437100			\$0.011	2.53%
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.001530			\$0.002	0.00%
Demand Capacity Surcharge Mechanism				\$0.006094				\$0.023700			\$0.018	288.89%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 3 - Heating and/or Water Heating Service (Multi-Family Buildings)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$42.69	\$42.77	\$0.08	0.20%	\$0.00	\$0.00	\$0.00	0.00%	\$42.69	\$42.77	\$0.08	0.20%	
3	\$42.70	\$42.83	\$0.13	0.30%	\$1.28	\$1.28	\$0.00	0.00%	\$43.99	\$44.12	\$0.13	0.29%	
10	\$46.08	\$46.38	\$0.29	0.63%	\$4.28	\$4.28	\$0.00	0.00%	\$50.37	\$50.66	\$0.29	0.58%	
50	\$65.41	\$66.62	\$1.22	1.86%	\$21.41	\$21.41	\$0.00	0.00%	\$86.81	\$88.03	\$1.22	1.40%	
100	\$89.56	\$91.93	\$2.38	2.65%	\$42.82	\$42.82	\$0.00	0.00%	\$132.37	\$134.75	\$2.38	1.80%	
150	\$113.71	\$117.25	\$3.53	3.11%	\$64.22	\$64.22	\$0.00	0.00%	\$177.93	\$181.47	\$3.53	1.99%	
200	\$137.86	\$142.56	\$4.69	3.40%	\$85.63	\$85.63	\$0.00	0.00%	\$223.49	\$228.19	\$4.69	2.10%	
250	\$162.02	\$167.87	\$5.85	3.61%	\$107.04	\$107.04	\$0.00	0.00%	\$269.06	\$274.91	\$5.85	2.17%	
300	\$186.17	\$193.18	\$7.01	3.77%	\$128.45	\$128.45	\$0.00	0.00%	\$314.62	\$321.63	\$7.01	2.23%	
350	\$210.32	\$218.49	\$8.17	3.88%	\$149.86	\$149.86	\$0.00	0.00%	\$360.18	\$368.34	\$8.17	2.27%	
400	\$234.47	\$243.80	\$9.33	3.98%	\$171.26	\$171.26	\$0.00	0.00%	\$405.74	\$415.06	\$9.33	2.30%	
450	\$258.63	\$269.11	\$10.48	4.05%	\$192.67	\$192.67	\$0.00	0.00%	\$451.30	\$461.78	\$10.48	2.32%	
500	\$282.78	\$294.42	\$11.64	4.12%	\$214.08	\$214.08	\$0.00	0.00%	\$496.86	\$508.50	\$11.64	2.34%	
1,000	\$524.30	\$547.53	\$23.23	4.43%	\$428.16	\$428.16	\$0.00	0.00%	\$952.46	\$975.69	\$23.23	2.44%	
Average	1,599	\$751.32	\$787.36	\$36.04	4.80%	\$684.62	\$684.62	\$0.00	0.00%	\$1,435.95	\$1,471.98	\$36.04	2.51%
1,800	\$827.50	\$867.84	\$40.34	4.87%	\$770.68	\$770.68	\$0.00	0.00%	\$1,598.19	\$1,638.52	\$40.34	2.52%	
2,000	\$903.30	\$947.92	\$44.61	4.94%	\$856.32	\$856.32	\$0.00	0.00%	\$1,759.62	\$1,804.23	\$44.61	2.54%	
3,000	\$1,282.30	\$1,348.30	\$66.00	5.15%	\$1,284.47	\$1,284.47	\$0.00	0.00%	\$2,566.78	\$2,632.78	\$66.00	2.57%	
3,500	\$1,471.80	\$1,548.50	\$76.69	5.21%	\$1,498.55	\$1,498.55	\$0.00	0.00%	\$2,970.36	\$3,047.05	\$76.69	2.58%	
4,000	\$1,661.30	\$1,748.69	\$87.39	5.26%	\$1,712.63	\$1,712.63	\$0.00	0.00%	\$3,373.94	\$3,461.32	\$87.39	2.59%	
4,500	\$1,850.81	\$1,948.88	\$98.08	5.30%	\$1,926.71	\$1,926.71	\$0.00	0.00%	\$3,777.52	\$3,875.59	\$98.08	2.60%	
5,000	\$2,040.31	\$2,149.08	\$108.77	5.33%	\$2,140.79	\$2,140.79	\$0.00	0.00%	\$4,181.09	\$4,289.87	\$108.77	2.60%	
5,500	\$2,229.81	\$2,349.27	\$119.46	5.36%	\$2,354.87	\$2,354.87	\$0.00	0.00%	\$4,584.67	\$4,704.14	\$119.46	2.61%	
6,000	\$2,419.31	\$2,549.46	\$130.16	5.38%	\$2,568.95	\$2,568.95	\$0.00	0.00%	\$4,988.25	\$5,118.41	\$130.16	2.61%	
6,500	\$2,608.81	\$2,749.66	\$140.85	5.40%	\$2,783.03	\$2,783.03	\$0.00	0.00%	\$5,391.83	\$5,532.68	\$140.85	2.61%	
7,000	\$2,798.31	\$2,949.85	\$151.54	5.42%	\$2,997.10	\$2,997.10	\$0.00	0.00%	\$5,795.41	\$5,946.96	\$151.54	2.61%	
7,500	\$2,987.81	\$3,150.04	\$162.24	5.43%	\$3,211.18	\$3,211.18	\$0.00	0.00%	\$6,198.99	\$6,361.23	\$162.24	2.62%	
8,000	\$3,177.31	\$3,350.24	\$172.93	5.44%	\$3,425.26	\$3,425.26	\$0.00	0.00%	\$6,602.57	\$6,775.50	\$172.93	2.62%	
8,500	\$3,366.81	\$3,550.43	\$183.62	5.45%	\$3,639.34	\$3,639.34	\$0.00	0.00%	\$7,006.15	\$7,189.77	\$183.62	2.62%	
9,000	\$3,556.31	\$3,750.63	\$194.32	5.46%	\$3,853.42	\$3,853.42	\$0.00	0.00%	\$7,409.73	\$7,604.05	\$194.32	2.62%	
9,500	\$3,745.81	\$3,950.82	\$205.01	5.47%	\$4,067.50	\$4,067.50	\$0.00	0.00%	\$7,813.31	\$8,018.32	\$205.01	2.62%	
10,000	\$3,935.31	\$4,151.01	\$215.70	5.48%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$8,216.89	\$8,432.59	\$215.70	2.63%	
FY 22					FY 23						Difference	Change	
First 3 therms				\$39.51				\$39.51			\$0.00	0.00%	
Next 997 therms				\$0.456100				\$0.463800			\$0.008	1.69%	
Over 1,000 therms				\$0.356800				\$0.362800			\$0.006	1.68%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000848			\$0.001	0.00%	
Demand Capacity Surcharge Mechanism				\$0.004911				\$0.018473			\$0.014	276.16%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%	
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%	
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A - High Load Factor Service
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$257.85	\$257.93	\$0.08	0.03%	\$0.00	\$0.00	\$0.00	0.00%	\$257.85	\$257.93	\$0.08	0.03%	
10	\$257.89	\$258.09	\$0.20	0.08%	\$3.07	\$3.07	\$0.00	0.00%	\$260.96	\$261.15	\$0.20	0.07%	
50	\$269.26	\$269.80	\$0.54	0.20%	\$15.34	\$15.34	\$0.00	0.00%	\$284.59	\$285.13	\$0.54	0.19%	
100	\$283.46	\$284.44	\$0.97	0.34%	\$30.67	\$30.67	\$0.00	0.00%	\$314.14	\$315.11	\$0.97	0.31%	
200	\$311.87	\$313.71	\$1.84	0.59%	\$61.35	\$61.35	\$0.00	0.00%	\$373.22	\$375.06	\$1.84	0.49%	
300	\$340.29	\$342.99	\$2.70	0.79%	\$92.02	\$92.02	\$0.00	0.00%	\$432.31	\$435.01	\$2.70	0.62%	
400	\$368.70	\$372.27	\$3.57	0.97%	\$122.70	\$122.70	\$0.00	0.00%	\$491.40	\$494.96	\$3.57	0.73%	
500	\$397.11	\$401.54	\$4.43	1.12%	\$153.37	\$153.37	\$0.00	0.00%	\$550.49	\$554.91	\$4.43	0.80%	
1,000	\$539.18	\$547.93	\$8.75	1.62%	\$306.74	\$306.74	\$0.00	0.00%	\$845.92	\$854.67	\$8.75	1.03%	
5,000	\$1,675.69	\$1,719.00	\$43.31	2.58%	\$1,533.72	\$1,533.72	\$0.00	0.00%	\$3,209.41	\$3,252.72	\$43.31	1.35%	
10,000	\$3,096.33	\$3,182.84	\$86.52	2.79%	\$3,067.44	\$3,067.44	\$0.00	0.00%	\$6,163.77	\$6,250.28	\$86.52	1.40%	
15,000	\$4,516.96	\$4,646.68	\$129.72	2.87%	\$4,601.16	\$4,601.16	\$0.00	0.00%	\$9,118.13	\$9,247.84	\$129.72	1.42%	
20,000	\$5,937.60	\$6,110.52	\$172.92	2.91%	\$6,134.88	\$6,134.88	\$0.00	0.00%	\$12,072.48	\$12,245.41	\$172.92	1.43%	
25,000	\$7,358.24	\$7,574.37	\$216.13	2.94%	\$7,668.60	\$7,668.60	\$0.00	0.00%	\$15,026.84	\$15,242.97	\$216.13	1.44%	
30,000	\$8,778.88	\$9,038.21	\$259.33	2.95%	\$9,202.32	\$9,202.32	\$0.00	0.00%	\$17,981.20	\$18,240.53	\$259.33	1.44%	
35,000	\$10,199.52	\$10,502.05	\$302.53	2.97%	\$10,736.04	\$10,736.04	\$0.00	0.00%	\$20,935.56	\$21,238.09	\$302.53	1.45%	
Average	34,750	\$10,128.49	\$10,428.86	\$300.37	2.97%	\$10,659.36	\$10,659.36	\$0.00	0.00%	\$20,787.84	\$21,088.21	\$300.37	1.44%
40,000	\$11,620.16	\$11,965.89	\$345.74	2.98%	\$12,269.76	\$12,269.76	\$0.00	0.00%	\$23,889.92	\$24,235.65	\$345.74	1.45%	
45,000	\$13,040.79	\$13,429.73	\$388.94	2.98%	\$13,803.48	\$13,803.48	\$0.00	0.00%	\$26,844.28	\$27,233.22	\$388.94	1.45%	
50,000	\$14,461.43	\$14,893.57	\$432.14	2.99%	\$15,337.20	\$15,337.20	\$0.00	0.00%	\$29,798.64	\$30,230.78	\$432.14	1.45%	
55,000	\$15,882.07	\$16,357.42	\$475.35	2.99%	\$16,870.92	\$16,870.92	\$0.00	0.00%	\$32,752.99	\$33,228.34	\$475.35	1.45%	
60,000	\$17,302.71	\$17,821.26	\$518.55	3.00%	\$18,404.64	\$18,404.64	\$0.00	0.00%	\$35,707.35	\$36,225.90	\$518.55	1.45%	
65,000	\$18,723.35	\$19,285.10	\$561.75	3.00%	\$19,938.36	\$19,938.36	\$0.00	0.00%	\$38,661.71	\$39,223.46	\$561.75	1.45%	
70,000	\$20,143.99	\$20,748.94	\$604.96	3.00%	\$21,472.08	\$21,472.08	\$0.00	0.00%	\$41,616.07	\$42,221.03	\$604.96	1.45%	
75,000	\$21,564.62	\$22,212.78	\$648.16	3.01%	\$23,005.80	\$23,005.80	\$0.00	0.00%	\$44,570.43	\$45,218.59	\$648.16	1.45%	
80,000	\$22,985.26	\$23,676.63	\$691.36	3.01%	\$24,539.52	\$24,539.52	\$0.00	0.00%	\$47,524.79	\$48,216.15	\$691.36	1.45%	
85,000	\$24,405.90	\$25,140.47	\$734.57	3.01%	\$26,073.24	\$26,073.24	\$0.00	0.00%	\$50,479.14	\$51,213.71	\$734.57	1.46%	
90,000	\$25,826.54	\$26,604.31	\$777.77	3.01%	\$27,606.96	\$27,606.96	\$0.00	0.00%	\$53,433.50	\$54,211.27	\$777.77	1.46%	
95,000	\$27,247.18	\$28,068.15	\$820.97	3.01%	\$29,140.68	\$29,140.68	\$0.00	0.00%	\$56,387.86	\$57,208.83	\$820.97	1.46%	
100,000	\$28,667.82	\$29,531.99	\$864.18	3.01%	\$30,674.40	\$30,674.40	\$0.00	0.00%	\$59,342.22	\$60,206.40	\$864.18	1.46%	
105,000	\$30,088.45	\$30,995.83	\$907.38	3.02%	\$32,208.13	\$32,208.13	\$0.00	0.00%	\$62,296.58	\$63,203.96	\$907.38	1.46%	
110,000	\$31,509.09	\$32,459.68	\$950.58	3.02%	\$33,741.85	\$33,741.85	\$0.00	0.00%	\$65,250.94	\$66,201.52	\$950.58	1.46%	
115,000	\$32,929.73	\$33,923.52	\$993.79	3.02%	\$35,275.57	\$35,275.57	\$0.00	0.00%	\$68,205.30	\$69,199.08	\$993.79	1.46%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$250.00				\$250.00			\$0.00	0.00%	
Next 990 therms				\$0.272700				\$0.270100			(\$0.003)	-0.95%	
Over 1,000 therms				\$0.272700				\$0.270100			(\$0.003)	-0.95%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000368			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.004135				\$0.014786			\$0.011	257.60%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.288162				\$0.288162			\$0.000	0.00%	
Merchant Function Charge				\$0.010709				\$0.010709			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A-CNG - Compressed Natural Gas Service
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$257.85	\$257.93	\$0.08	0.03%	\$0.00	\$0.00	\$0.00	0.00%	\$257.85	\$257.93	\$0.08	0.03%	
10	\$257.89	\$258.09	\$0.20	0.08%	\$2.77	\$2.77	\$0.00	0.00%	\$260.66	\$260.86	\$0.20	0.08%	
50	\$268.91	\$269.60	\$0.69	0.26%	\$13.86	\$13.86	\$0.00	0.00%	\$282.77	\$283.46	\$0.69	0.24%	
100	\$282.68	\$283.98	\$1.30	0.46%	\$27.72	\$27.72	\$0.00	0.00%	\$310.40	\$311.70	\$1.30	0.42%	
500	\$392.86	\$399.05	\$6.19	1.58%	\$138.61	\$138.61	\$0.00	0.00%	\$531.47	\$537.66	\$6.19	1.16%	
1,000	\$530.58	\$542.88	\$12.30	2.32%	\$277.23	\$277.23	\$0.00	0.00%	\$807.80	\$820.11	\$12.30	1.52%	
5,000	\$1,632.34	\$1,693.54	\$61.20	3.75%	\$1,386.13	\$1,386.13	\$0.00	0.00%	\$3,018.47	\$3,079.67	\$61.20	2.03%	
10,000	\$3,009.53	\$3,131.87	\$122.33	4.06%	\$2,772.27	\$2,772.27	\$0.00	0.00%	\$5,781.80	\$5,904.14	\$122.33	2.12%	
15,000	\$4,386.73	\$4,570.19	\$183.46	4.18%	\$4,158.40	\$4,158.40	\$0.00	0.00%	\$8,545.14	\$8,728.60	\$183.46	2.15%	
20,000	\$5,763.93	\$6,008.52	\$244.59	4.24%	\$5,544.54	\$5,544.54	\$0.00	0.00%	\$11,308.47	\$11,553.06	\$244.59	2.16%	
25,000	\$7,141.13	\$7,446.85	\$305.72	4.28%	\$6,930.67	\$6,930.67	\$0.00	0.00%	\$14,071.81	\$14,377.52	\$305.72	2.17%	
30,000	\$8,518.33	\$8,885.18	\$366.85	4.31%	\$8,316.81	\$8,316.81	\$0.00	0.00%	\$16,835.14	\$17,201.99	\$366.85	2.18%	
35,000	\$9,895.53	\$10,323.50	\$427.97	4.32%	\$9,702.94	\$9,702.94	\$0.00	0.00%	\$19,598.47	\$20,026.45	\$427.97	2.18%	
40,000	\$11,272.73	\$11,761.83	\$489.10	4.34%	\$11,089.08	\$11,089.08	\$0.00	0.00%	\$22,361.81	\$22,850.91	\$489.10	2.19%	
45,000	\$12,649.93	\$13,200.16	\$550.23	4.35%	\$12,475.21	\$12,475.21	\$0.00	0.00%	\$25,125.14	\$25,675.37	\$550.23	2.19%	
50,000	\$14,027.12	\$14,638.48	\$611.36	4.36%	\$13,861.35	\$13,861.35	\$0.00	0.00%	\$27,888.47	\$28,499.83	\$611.36	2.19%	
55,000	\$15,404.32	\$16,076.81	\$672.49	4.37%	\$15,247.48	\$15,247.48	\$0.00	0.00%	\$30,651.81	\$31,324.30	\$672.49	2.19%	
60,000	\$16,781.52	\$17,515.14	\$733.62	4.37%	\$16,633.62	\$16,633.62	\$0.00	0.00%	\$33,415.14	\$34,148.76	\$733.62	2.20%	
Average	50,297	\$14,108.93	\$14,723.92	\$614.99	4.36%	\$13,943.69	\$13,943.69	\$0.00	0.00%	\$28,052.62	\$28,667.61	\$614.99	2.19%
55,000	\$15,404.32	\$16,076.81	\$672.49	4.37%	\$15,247.48	\$15,247.48	\$0.00	0.00%	\$30,651.81	\$31,324.30	\$672.49	2.19%	
60,000	\$16,781.52	\$17,515.14	\$733.62	4.37%	\$16,633.62	\$16,633.62	\$0.00	0.00%	\$33,415.14	\$34,148.76	\$733.62	2.20%	
65,000	\$18,158.72	\$18,953.47	\$794.75	4.38%	\$18,019.75	\$18,019.75	\$0.00	0.00%	\$36,178.47	\$36,973.22	\$794.75	2.20%	
70,000	\$19,535.92	\$20,391.79	\$855.87	4.38%	\$19,405.89	\$19,405.89	\$0.00	0.00%	\$38,941.81	\$39,797.68	\$855.87	2.20%	
75,000	\$20,913.12	\$21,830.12	\$917.00	4.38%	\$20,792.02	\$20,792.02	\$0.00	0.00%	\$41,705.14	\$42,622.14	\$917.00	2.20%	
80,000	\$22,290.32	\$23,268.45	\$978.13	4.39%	\$22,178.16	\$22,178.16	\$0.00	0.00%	\$44,468.47	\$45,446.61	\$978.13	2.20%	
85,000	\$23,667.51	\$24,706.77	\$1,039.26	4.39%	\$23,564.29	\$23,564.29	\$0.00	0.00%	\$47,231.81	\$48,271.07	\$1,039.26	2.20%	
90,000	\$25,044.71	\$26,145.10	\$1,100.39	4.39%	\$24,950.43	\$24,950.43	\$0.00	0.00%	\$49,995.14	\$51,095.53	\$1,100.39	2.20%	
95,000	\$26,421.91	\$27,583.43	\$1,161.52	4.40%	\$26,336.56	\$26,336.56	\$0.00	0.00%	\$52,758.48	\$53,919.99	\$1,161.52	2.20%	
100,000	\$27,799.11	\$29,021.76	\$1,222.65	4.40%	\$27,722.70	\$27,722.70	\$0.00	0.00%	\$55,521.81	\$56,744.45	\$1,222.65	2.20%	
105,000	\$29,176.31	\$30,460.08	\$1,283.77	4.40%	\$29,108.83	\$29,108.83	\$0.00	0.00%	\$58,285.14	\$59,568.92	\$1,283.77	2.20%	
110,000	\$30,553.51	\$31,898.41	\$1,344.90	4.40%	\$30,494.97	\$30,494.97	\$0.00	0.00%	\$61,048.48	\$62,393.38	\$1,344.90	2.20%	
115,000	\$31,930.71	\$33,336.74	\$1,406.03	4.40%	\$31,881.10	\$31,881.10	\$0.00	0.00%	\$63,811.81	\$65,217.84	\$1,406.03	2.20%	
120,000	\$33,307.91	\$34,775.07	\$1,467.16	4.40%	\$33,267.24	\$33,267.24	\$0.00	0.00%	\$66,575.14	\$68,042.30	\$1,467.16	2.20%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$250.00				\$250.00			\$0.00	0.00%	
Next 990 therms				\$0.264100				\$0.264800			\$0.001	0.27%	
Over 1,000 therms				\$0.264100				\$0.264800			\$0.001	0.27%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000405			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.004270				\$0.015076			\$0.011	253.08%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.259760				\$0.259760			\$0.000	0.00%	
Merchant Function Charge				\$0.010351				\$0.010351			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4B - Year-Round Air Conditioning Service (Non -Residential)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$134.69	\$134.77	\$0.08	0.06%	\$0.00	\$0.00	\$0.00	0.00%	\$134.69	\$134.77	\$0.08	0.06%	
10	\$142.70	\$143.10	\$0.40	0.28%	\$3.45	\$3.45	\$0.00	0.00%	\$146.15	\$146.55	\$0.40	0.28%	
50	\$178.27	\$180.05	\$1.78	1.00%	\$17.25	\$17.25	\$0.00	0.00%	\$195.53	\$197.30	\$1.78	0.91%	
100	\$222.75	\$226.24	\$3.49	1.57%	\$34.50	\$34.50	\$0.00	0.00%	\$257.25	\$260.74	\$3.49	1.36%	
200	\$311.69	\$318.61	\$6.92	2.22%	\$69.01	\$69.01	\$0.00	0.00%	\$380.70	\$387.62	\$6.92	1.82%	
300	\$356.42	\$365.74	\$9.32	2.62%	\$103.51	\$103.51	\$0.00	0.00%	\$459.93	\$469.25	\$9.32	2.03%	
400	\$401.14	\$412.87	\$11.73	2.92%	\$138.02	\$138.02	\$0.00	0.00%	\$539.16	\$550.89	\$11.73	2.18%	
500	\$445.87	\$460.00	\$14.13	3.17%	\$172.52	\$172.52	\$0.00	0.00%	\$618.39	\$632.52	\$14.13	2.29%	
750	\$557.69	\$577.83	\$20.14	3.61%	\$258.78	\$258.78	\$0.00	0.00%	\$816.47	\$836.61	\$20.14	2.47%	
1,000	\$669.51	\$695.66	\$26.15	3.91%	\$345.04	\$345.04	\$0.00	0.00%	\$1,014.55	\$1,040.70	\$26.15	2.58%	
Average	1,374	\$836.80	\$871.93	\$35.13	4.20%	\$474.08	\$474.08	\$0.00	0.00%	\$1,310.88	\$1,346.01	\$35.13	2.68%
1,500	\$893.15	\$931.32	\$38.16	4.27%	\$517.56	\$517.56	\$0.00	0.00%	\$1,410.71	\$1,448.87	\$38.16	2.71%	
1,750	\$1,004.97	\$1,049.14	\$44.17	4.40%	\$603.82	\$603.82	\$0.00	0.00%	\$1,608.79	\$1,652.96	\$44.17	2.75%	
2,000	\$1,116.79	\$1,166.97	\$50.18	4.49%	\$690.08	\$690.08	\$0.00	0.00%	\$1,806.87	\$1,857.05	\$50.18	2.78%	
2,250	\$1,228.61	\$1,284.80	\$56.19	4.57%	\$776.33	\$776.33	\$0.00	0.00%	\$2,004.95	\$2,061.14	\$56.19	2.80%	
2,500	\$1,340.43	\$1,402.63	\$62.20	4.64%	\$862.59	\$862.59	\$0.00	0.00%	\$2,203.03	\$2,265.22	\$62.20	2.82%	
2,750	\$1,452.25	\$1,520.46	\$68.20	4.70%	\$948.85	\$948.85	\$0.00	0.00%	\$2,401.11	\$2,469.31	\$68.20	2.84%	
3,000	\$1,564.07	\$1,638.29	\$74.21	4.74%	\$1,035.11	\$1,035.11	\$0.00	0.00%	\$2,599.19	\$2,673.40	\$74.21	2.86%	
3,250	\$1,675.89	\$1,756.11	\$80.22	4.79%	\$1,121.37	\$1,121.37	\$0.00	0.00%	\$2,797.27	\$2,877.49	\$80.22	2.87%	
3,500	\$1,787.71	\$1,873.94	\$86.23	4.82%	\$1,207.63	\$1,207.63	\$0.00	0.00%	\$2,995.35	\$3,081.57	\$86.23	2.88%	
3,750	\$1,899.54	\$1,991.77	\$92.24	4.86%	\$1,293.89	\$1,293.89	\$0.00	0.00%	\$3,193.43	\$3,285.66	\$92.24	2.89%	
4,000	\$2,011.36	\$2,109.60	\$98.24	4.88%	\$1,380.15	\$1,380.15	\$0.00	0.00%	\$3,391.51	\$3,489.75	\$98.24	2.90%	
4,250	\$2,123.18	\$2,227.43	\$104.25	4.91%	\$1,466.41	\$1,466.41	\$0.00	0.00%	\$3,589.59	\$3,693.84	\$104.25	2.90%	
4,500	\$2,235.00	\$2,345.26	\$110.26	4.93%	\$1,552.67	\$1,552.67	\$0.00	0.00%	\$3,787.67	\$3,897.93	\$110.26	2.91%	
4,750	\$2,346.82	\$2,463.08	\$116.27	4.95%	\$1,638.93	\$1,638.93	\$0.00	0.00%	\$3,985.75	\$4,102.01	\$116.27	2.92%	
5,000	\$2,458.64	\$2,580.91	\$122.28	4.97%	\$1,725.19	\$1,725.19	\$0.00	0.00%	\$4,183.82	\$4,306.10	\$122.28	2.92%	
5,250	\$2,570.46	\$2,698.74	\$128.28	4.99%	\$1,811.45	\$1,811.45	\$0.00	0.00%	\$4,381.90	\$4,510.19	\$128.28	2.93%	
5,500	\$2,682.28	\$2,816.57	\$134.29	5.01%	\$1,897.71	\$1,897.71	\$0.00	0.00%	\$4,579.98	\$4,714.28	\$134.29	2.93%	
5,750	\$2,794.10	\$2,934.40	\$140.30	5.02%	\$1,983.97	\$1,983.97	\$0.00	0.00%	\$4,778.06	\$4,918.36	\$140.30	2.94%	
6,000	\$2,905.92	\$3,052.23	\$146.31	5.03%	\$2,070.23	\$2,070.23	\$0.00	0.00%	\$4,976.14	\$5,122.45	\$146.31	2.94%	
6,250	\$3,017.74	\$3,170.05	\$152.32	5.05%	\$2,156.49	\$2,156.49	\$0.00	0.00%	\$5,174.22	\$5,326.54	\$152.32	2.94%	
6,500	\$3,129.56	\$3,287.88	\$158.32	5.06%	\$2,242.75	\$2,242.75	\$0.00	0.00%	\$5,372.30	\$5,530.63	\$158.32	2.95%	

	FY 22	FY 23	Difference	Change
First 1 therms		\$130.00	\$130.00	\$0.00 0.00%
Next 199 therms		\$0.861700	\$0.881800	\$0.020 2.33%
Over 200 therms		\$0.430900	\$0.441000	\$0.010 2.34%
Billing & Payment Processing		\$1.230000	\$1.310000	\$0.080 6.50%
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge		\$0.000000	\$0.000000	\$0.000 0.00%
Revenue Decoupling Mechanism		\$0.000000	\$0.000000	\$0.000 0.00%
TC/IT Revenue Surcharge / Credit		\$0.000000	\$0.000000	\$0.000 0.00%
Gas Safety and Reliability Surcharge		\$0.000000	\$0.000000	\$0.000 0.00%
Tax Reform		\$0.000000	\$0.000000	\$0.000 0.00%
NY Facilities System Surcharge / Surcredit		\$0.000000	\$0.000000	\$0.000 0.00%
Earning Adjustment Mechanism		\$0.000000	\$0.000000	\$0.000 0.00%
Newtown Creek Revenue Reconciliation		\$0.000000	\$0.000000	\$0.000 0.00%
Non Labor Demand Response O&M Cost		\$0.000000	\$0.000721	\$0.001 0.00%
Demand Capacity Surcharge Mechanism		\$0.004900	\$0.017495	\$0.013 257.02%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms		\$0.000000	\$0.000000	\$0.000 0.00%
Clean Energy Fund		\$0.000000	\$0.000000	\$0.000 0.00%
Energy Efficiency Surcharge		\$0.000000	\$0.000000	\$0.000 0.00%
Monthly Cost of Gas		\$0.325008	\$0.325008	\$0.000 0.00%
Merchant Function Charge		\$0.011173	\$0.011173	\$0.000 0.00%
GRT on Delivery		2.407000%	2.407000%	\$0.000 0.00%
GRT on Supply		2.407000%	2.407000%	\$0.000 0.00%
MTA on Delivery		0.222000%	0.222000%	\$0.000 0.00%
MTA on Supply		0.222000%	0.222000%	\$0.000 0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 7 - Seasonal Off-Peak Service
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$41.81	\$41.90	\$0.08	0.20%	\$0.00	\$0.00	\$0.00	0.00%	\$41.81	\$41.90	\$0.08	0.20%	
3	\$41.82	\$41.93	\$0.11	0.26%	\$0.74	\$0.74	\$0.00	0.00%	\$42.57	\$42.67	\$0.11	0.26%	
10	\$42.39	\$43.51	\$1.12	2.65%	\$2.48	\$2.48	\$0.00	0.00%	\$44.87	\$45.99	\$1.12	2.50%	
20	\$45.68	\$45.77	\$0.09	0.20%	\$4.95	\$4.95	\$0.00	0.00%	\$50.63	\$50.72	\$0.09	0.18%	
50	\$52.49	\$52.55	\$0.06	0.12%	\$12.38	\$12.38	\$0.00	0.00%	\$64.87	\$64.93	\$0.06	0.09%	
100	\$63.84	\$63.85	\$0.01	0.02%	\$24.75	\$24.75	\$0.00	0.00%	\$88.59	\$88.60	\$0.01	0.01%	
150	\$75.19	\$75.15	-\$0.04	-0.05%	\$37.13	\$37.13	\$0.00	0.00%	\$112.31	\$112.28	(\$0.04)	-0.04%	
160	\$77.46	\$77.41	-\$0.05	-0.06%	\$39.60	\$39.60	\$0.00	0.00%	\$117.06	\$117.01	(\$0.05)	-0.04%	
180	\$82.00	\$81.93	-\$0.07	-0.09%	\$44.55	\$44.55	\$0.00	0.00%	\$126.55	\$126.48	(\$0.07)	-0.06%	
200	\$86.54	\$86.45	-\$0.09	-0.10%	\$49.50	\$49.50	\$0.00	0.00%	\$136.04	\$135.95	(\$0.09)	-0.07%	
Average	299	\$109.01	\$108.82	-\$0.19	-0.17%	\$74.00	\$74.00	\$0.00	0.00%	\$183.01	\$182.82	(\$0.19)	-0.10%
300	\$109.24	\$109.04	-\$0.19	-0.18%	\$74.25	\$74.25	\$0.00	0.00%	\$183.49	\$183.30	(\$0.19)	-0.10%	
350	\$120.59	\$120.34	-\$0.24	-0.20%	\$86.63	\$86.63	\$0.00	0.00%	\$207.21	\$206.97	(\$0.24)	-0.12%	
400	\$131.93	\$131.64	-\$0.29	-0.22%	\$99.00	\$99.00	\$0.00	0.00%	\$230.94	\$230.64	(\$0.29)	-0.13%	
450	\$143.28	\$142.94	-\$0.34	-0.24%	\$111.38	\$111.38	\$0.00	0.00%	\$254.66	\$254.32	(\$0.34)	-0.13%	
500	\$154.63	\$154.24	-\$0.39	-0.26%	\$123.75	\$123.75	\$0.00	0.00%	\$278.39	\$277.99	(\$0.39)	-0.14%	
550	\$165.98	\$165.54	-\$0.45	-0.27%	\$136.13	\$136.13	\$0.00	0.00%	\$302.11	\$301.66	(\$0.45)	-0.15%	
600	\$177.33	\$176.83	-\$0.50	-0.28%	\$148.50	\$148.50	\$0.00	0.00%	\$325.83	\$325.34	(\$0.50)	-0.15%	
650	\$188.68	\$188.13	-\$0.55	-0.29%	\$160.88	\$160.88	\$0.00	0.00%	\$349.56	\$349.01	(\$0.55)	-0.16%	
700	\$200.03	\$199.43	-\$0.60	-0.30%	\$173.25	\$173.25	\$0.00	0.00%	\$373.28	\$372.69	(\$0.60)	-0.16%	
750	\$211.38	\$210.73	-\$0.65	-0.31%	\$185.63	\$185.63	\$0.00	0.00%	\$397.01	\$396.36	(\$0.65)	-0.16%	
800	\$222.73	\$222.03	-\$0.70	-0.31%	\$198.00	\$198.00	\$0.00	0.00%	\$420.73	\$420.03	(\$0.70)	-0.17%	
850	\$234.08	\$233.33	-\$0.75	-0.32%	\$210.38	\$210.38	\$0.00	0.00%	\$444.46	\$443.71	(\$0.75)	-0.17%	
900	\$245.42	\$244.62	-\$0.80	-0.33%	\$222.76	\$222.76	\$0.00	0.00%	\$468.18	\$467.38	(\$0.80)	-0.17%	
950	\$256.77	\$255.92	-\$0.85	-0.33%	\$235.13	\$235.13	\$0.00	0.00%	\$491.90	\$491.05	(\$0.85)	-0.17%	
2,000	\$495.10	\$493.19	-\$1.91	-0.39%	\$495.01	\$495.01	\$0.00	0.00%	\$990.11	\$988.20	(\$1.91)	-0.19%	
2,500	\$608.59	\$606.17	-\$2.42	-0.40%	\$618.77	\$618.77	\$0.00	0.00%	\$1,227.36	\$1,224.94	(\$2.42)	-0.20%	
3,000	\$722.08	\$719.15	-\$2.93	-0.41%	\$742.52	\$742.52	\$0.00	0.00%	\$1,464.60	\$1,461.67	(\$2.93)	-0.20%	
3,500	\$835.57	\$832.14	-\$3.43	-0.41%	\$866.27	\$866.27	\$0.00	0.00%	\$1,701.84	\$1,698.41	(\$3.43)	-0.20%	
4,000	\$949.06	\$945.12	-\$3.94	-0.42%	\$990.02	\$990.02	\$0.00	0.00%	\$1,939.09	\$1,935.15	(\$3.94)	-0.20%	
4,500	\$1,062.55	\$1,058.11	-\$4.45	-0.42%	\$1,113.78	\$1,113.78	\$0.00	0.00%	\$2,176.33	\$2,171.88	(\$4.45)	-0.20%	
5,000	\$1,176.04	\$1,171.09	-\$4.95	-0.42%	\$1,237.53	\$1,237.53	\$0.00	0.00%	\$2,413.57	\$2,408.62	(\$4.95)	-0.21%	
FY 22					FY 23						Difference	Change	
First 3 or Less				\$39.51				\$39.51			\$0.00	0.00%	
Over 3 Therms per Therm				\$0.218000				\$0.208200			(\$0.010)	-4.50%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003154				\$0.011967			\$0.009	279.38%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.231162				\$0.231162			\$0.000	0.00%	
Merchant Function Charge				\$0.009991				\$0.009991			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (April - October)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$243.08	\$243.16	\$0.08	0.03%	\$0.00	\$0.00	\$0.00	0.00%	\$243.08	\$243.16	\$0.08	0.03%	
10	\$243.11	\$243.29	\$0.18	0.07%	\$4.28	\$4.28	\$0.00	0.00%	\$247.40	\$247.57	\$0.18	0.07%	
20	\$244.17	\$244.46	\$0.29	0.12%	\$8.56	\$8.56	\$0.00	0.00%	\$252.73	\$253.03	\$0.29	0.12%	
50	\$247.34	\$247.98	\$0.64	0.26%	\$21.41	\$21.41	\$0.00	0.00%	\$268.74	\$269.39	\$0.64	0.24%	
100	\$252.61	\$253.84	\$1.22	0.48%	\$42.82	\$42.82	\$0.00	0.00%	\$295.43	\$296.65	\$1.22	0.41%	
1,000	\$347.61	\$359.28	\$11.67	3.36%	\$428.16	\$428.16	\$0.00	0.00%	\$775.77	\$787.43	\$11.67	1.50%	
5,000	\$769.81	\$827.90	\$58.08	7.55%	\$2,140.79	\$2,140.79	\$0.00	0.00%	\$2,910.60	\$2,968.69	\$58.08	2.00%	
6,000	\$875.36	\$945.05	\$69.69	7.96%	\$2,568.95	\$2,568.95	\$0.00	0.00%	\$3,444.31	\$3,514.00	\$69.69	2.02%	
7,000	\$980.91	\$1,062.21	\$81.29	8.29%	\$2,997.10	\$2,997.10	\$0.00	0.00%	\$3,978.02	\$4,059.31	\$81.29	2.04%	
8,000	\$1,086.46	\$1,179.36	\$92.90	8.55%	\$3,425.26	\$3,425.26	\$0.00	0.00%	\$4,511.73	\$4,604.62	\$92.90	2.06%	
9,000	\$1,192.01	\$1,296.52	\$104.50	8.77%	\$3,853.42	\$3,853.42	\$0.00	0.00%	\$5,045.43	\$5,149.94	\$104.50	2.07%	
10,000	\$1,297.56	\$1,413.67	\$116.11	8.95%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$5,579.14	\$5,695.25	\$116.11	2.08%	
11,000	\$1,403.12	\$1,530.83	\$127.71	9.10%	\$4,709.74	\$4,709.74	\$0.00	0.00%	\$6,112.85	\$6,240.56	\$127.71	2.09%	
12,000	\$1,508.67	\$1,647.98	\$139.32	9.23%	\$5,137.89	\$5,137.89	\$0.00	0.00%	\$6,646.56	\$6,785.88	\$139.32	2.10%	
13,000	\$1,614.22	\$1,765.14	\$150.92	9.35%	\$5,566.05	\$5,566.05	\$0.00	0.00%	\$7,180.27	\$7,331.19	\$150.92	2.10%	
14,000	\$1,719.77	\$1,882.29	\$162.52	9.45%	\$5,994.21	\$5,994.21	\$0.00	0.00%	\$7,713.98	\$7,876.50	\$162.52	2.11%	
15,000	\$1,825.32	\$1,999.45	\$174.13	9.54%	\$6,422.37	\$6,422.37	\$0.00	0.00%	\$8,247.68	\$8,421.81	\$174.13	2.11%	
16,000	\$1,930.87	\$2,116.60	\$185.73	9.62%	\$6,850.53	\$6,850.53	\$0.00	0.00%	\$8,781.39	\$8,967.13	\$185.73	2.12%	
17,000	\$2,036.42	\$2,233.76	\$197.34	9.69%	\$7,278.68	\$7,278.68	\$0.00	0.00%	\$9,315.10	\$9,512.44	\$197.34	2.12%	
18,000	\$2,141.97	\$2,350.91	\$208.94	9.75%	\$7,706.84	\$7,706.84	\$0.00	0.00%	\$9,848.81	\$10,057.75	\$208.94	2.12%	
19,000	\$2,247.52	\$2,468.07	\$220.55	9.81%	\$8,135.00	\$8,135.00	\$0.00	0.00%	\$10,382.52	\$10,603.07	\$220.55	2.12%	
20,000	\$2,353.07	\$2,585.22	\$232.15	9.87%	\$8,563.16	\$8,563.16	\$0.00	0.00%	\$10,916.23	\$11,148.38	\$232.15	2.13%	
21,000	\$2,458.62	\$2,702.38	\$243.76	9.91%	\$8,991.31	\$8,991.31	\$0.00	0.00%	\$11,449.94	\$11,693.69	\$243.76	2.13%	
22,000	\$2,564.17	\$2,819.53	\$255.36	9.96%	\$9,419.47	\$9,419.47	\$0.00	0.00%	\$11,983.64	\$12,239.00	\$255.36	2.13%	
23,000	\$2,669.72	\$2,936.69	\$266.96	10.00%	\$9,847.63	\$9,847.63	\$0.00	0.00%	\$12,517.35	\$12,784.32	\$266.96	2.13%	
25,000	\$2,880.82	\$3,171.00	\$290.17	10.07%	\$10,703.95	\$10,703.95	\$0.00	0.00%	\$13,584.77	\$13,874.94	\$290.17	2.14%	
25,500	\$2,933.60	\$3,229.57	\$295.98	10.09%	\$10,918.02	\$10,918.02	\$0.00	0.00%	\$13,851.62	\$14,147.60	\$295.98	2.14%	
30,000	\$3,408.58	\$3,756.77	\$348.20	10.22%	\$12,844.74	\$12,844.74	\$0.00	0.00%	\$16,253.31	\$16,601.51	\$348.20	2.14%	
Average	\$3,553	\$3,678.05	\$4,055.87	\$377.82	10.27%	\$13,937.82	\$13,937.82	\$0.00	0.00%	\$17,615.87	\$17,993.69	\$377.82	2.14%
35,000	\$3,936.33	\$4,342.55	\$406.22	10.32%	\$14,985.52	\$14,985.52	\$0.00	0.00%	\$18,921.85	\$19,328.07	\$406.22	2.15%	
40,000	\$4,464.08	\$4,928.32	\$464.24	10.40%	\$17,126.31	\$17,126.31	\$0.00	0.00%	\$21,590.39	\$22,054.63	\$464.24	2.15%	
45,000	\$4,991.83	\$5,514.10	\$522.26	10.46%	\$19,267.10	\$19,267.10	\$0.00	0.00%	\$24,258.94	\$24,781.20	\$522.26	2.15%	
50,000	\$5,519.59	\$6,099.87	\$580.28	10.51%	\$21,407.89	\$21,407.89	\$0.00	0.00%	\$26,927.48	\$27,507.76	\$580.28	2.15%	
55,000	\$6,047.34	\$6,685.65	\$638.31	10.56%	\$23,548.68	\$23,548.68	\$0.00	0.00%	\$29,596.02	\$30,234.33	\$638.31	2.16%	
60,000	\$6,575.09	\$7,271.42	\$696.33	10.59%	\$25,689.47	\$25,689.47	\$0.00	0.00%	\$32,264.56	\$32,960.89	\$696.33	2.16%	
65,000	\$7,102.84	\$7,857.20	\$754.35	10.62%	\$27,830.26	\$27,830.26	\$0.00	0.00%	\$34,933.10	\$35,687.46	\$754.35	2.16%	
70,000	\$7,630.60	\$8,442.97	\$812.37	10.65%	\$29,971.05	\$29,971.05	\$0.00	0.00%	\$37,601.65	\$38,414.02	\$812.37	2.16%	
75,000	\$8,158.35	\$9,028.75	\$870.40	10.67%	\$32,111.84	\$32,111.84	\$0.00	0.00%	\$40,270.19	\$41,140.58	\$870.40	2.16%	
80,000	\$8,686.10	\$9,614.52	\$928.42	10.69%	\$34,252.63	\$34,252.63	\$0.00	0.00%	\$42,938.73	\$43,867.15	\$928.42	2.16%	
85,000	\$9,213.86	\$10,200.30	\$986.44	10.71%	\$36,393.42	\$36,393.42	\$0.00	0.00%	\$45,607.27	\$46,593.71	\$986.44	2.16%	
90,000	\$9,741.61	\$10,786.07	\$1,044.46	10.72%	\$38,534.21	\$38,534.21	\$0.00	0.00%	\$48,275.81	\$49,320.28	\$1,044.46	2.16%	
95,000	\$10,269.36	\$11,371.85	\$1,102.48	10.74%	\$40,674.99	\$40,674.99	\$0.00	0.00%	\$50,944.36	\$52,046.84	\$1,102.48	2.16%	
100,000	\$10,797.11	\$11,957.62	\$1,160.51	10.75%	\$42,815.78	\$42,815.78	\$0.00	0.00%	\$53,612.90	\$54,773.40	\$1,160.51	2.16%	
105,000	\$11,324.87	\$12,543.40	\$1,218.53	10.76%	\$44,956.57	\$44,956.57	\$0.00	0.00%	\$56,281.44	\$57,499.97	\$1,218.53	2.17%	
110,000	\$11,852.62	\$13,129.17	\$1,276.55	10.77%	\$47,097.36	\$47,097.36	\$0.00	0.00%	\$58,949.98	\$60,226.53	\$1,276.55	2.17%	
115,000	\$12,380.37	\$13,714.95	\$1,334.57	10.78%	\$49,238.15	\$49,238.15	\$0.00	0.00%	\$61,618.52	\$62,953.10	\$1,334.57	2.17%	
120,000	\$12,908.13	\$14,300.72	\$1,392.60	10.79%	\$51,378.94	\$51,378.94	\$0.00	0.00%	\$64,287.07	\$65,679.66	\$1,392.60	2.17%	
125,000	\$13,435.88	\$14,886.50	\$1,450.62	10.80%	\$53,519.73	\$53,519.73	\$0.00	0.00%	\$66,955.61	\$68,406.23	\$1,450.62	2.17%	
130,000	\$13,963.63	\$15,472.27	\$1,508.64	10.80%	\$55,660.52	\$55,660.52	\$0.00	0.00%	\$69,624.15	\$71,132.79	\$1,508.64	2.17%	
FY 22					FY 23						Difference	Change	
First 10 or Less				\$235.61				\$235.61			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.099400				\$0.101300			\$0.002	1.91%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000102			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003441				\$0.012746			\$0.009	270.39%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%	
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)

Monthly Bill Comparison Table

SC 21 - Baseload Distributed Generation Sales Service

Rate 1 - less than 1MW (November - March)

Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
-	\$243.08	\$243.16	\$0.08	0.03%	\$0.00	\$0.00	\$0.00	0.00%	\$243.08	\$243.16	\$0.08	0.03%
10	\$243.11	\$243.29	\$0.18	0.07%	\$4.28	\$4.28	\$0.00	0.00%	\$247.40	\$247.57	\$0.18	0.07%
20	\$244.45	\$244.75	\$0.30	0.12%	\$8.56	\$8.56	\$0.00	0.00%	\$253.01	\$253.31	\$0.30	0.12%
50	\$248.46	\$249.12	\$0.66	0.27%	\$21.41	\$21.41	\$0.00	0.00%	\$269.87	\$270.53	\$0.66	0.25%
100	\$255.15	\$256.41	\$1.27	0.50%	\$42.82	\$42.82	\$0.00	0.00%	\$297.96	\$299.23	\$1.27	0.43%
1,000	\$375.45	\$387.63	\$12.18	3.24%	\$428.16	\$428.16	\$0.00	0.00%	\$803.61	\$815.78	\$12.18	1.52%
5,000	\$910.14	\$970.79	\$60.65	6.66%	\$2,140.79	\$2,140.79	\$0.00	0.00%	\$3,050.93	\$3,111.57	\$60.65	1.99%
6,000	\$1,043.81	\$1,116.58	\$72.76	6.97%	\$2,568.95	\$2,568.95	\$0.00	0.00%	\$3,612.76	\$3,685.52	\$72.76	2.01%
7,000	\$1,177.48	\$1,262.37	\$84.88	7.21%	\$2,997.10	\$2,997.10	\$0.00	0.00%	\$4,174.59	\$4,259.47	\$84.88	2.03%
8,000	\$1,311.16	\$1,408.16	\$97.00	7.40%	\$3,425.26	\$3,425.26	\$0.00	0.00%	\$4,736.42	\$4,833.42	\$97.00	2.05%
9,000	\$1,444.83	\$1,553.94	\$109.12	7.55%	\$3,853.42	\$3,853.42	\$0.00	0.00%	\$5,298.25	\$5,407.37	\$109.12	2.06%
10,000	\$1,578.50	\$1,699.73	\$121.23	7.68%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$5,860.08	\$5,981.31	\$121.23	2.07%
11,000	\$1,712.17	\$1,845.52	\$133.35	7.79%	\$4,709.74	\$4,709.74	\$0.00	0.00%	\$6,421.91	\$6,555.26	\$133.35	2.08%
12,000	\$1,845.85	\$1,991.31	\$145.47	7.88%	\$5,137.89	\$5,137.89	\$0.00	0.00%	\$6,983.74	\$7,129.21	\$145.47	2.08%
13,000	\$1,979.52	\$2,137.10	\$157.59	7.96%	\$5,566.05	\$5,566.05	\$0.00	0.00%	\$7,545.57	\$7,703.16	\$157.59	2.09%
14,000	\$2,113.19	\$2,282.89	\$169.70	8.03%	\$5,994.21	\$5,994.21	\$0.00	0.00%	\$8,107.40	\$8,277.10	\$169.70	2.09%
15,000	\$2,246.86	\$2,428.68	\$181.82	8.09%	\$6,422.37	\$6,422.37	\$0.00	0.00%	\$8,669.23	\$8,851.05	\$181.82	2.10%
16,000	\$2,380.54	\$2,574.47	\$193.94	8.15%	\$6,850.53	\$6,850.53	\$0.00	0.00%	\$9,231.06	\$9,425.00	\$193.94	2.10%
17,000	\$2,514.21	\$2,720.26	\$206.06	8.20%	\$7,278.68	\$7,278.68	\$0.00	0.00%	\$9,792.89	\$9,998.95	\$206.06	2.10%
18,000	\$2,647.88	\$2,866.05	\$218.17	8.24%	\$7,706.84	\$7,706.84	\$0.00	0.00%	\$10,354.72	\$10,572.90	\$218.17	2.11%
19,000	\$2,781.55	\$3,011.84	\$230.29	8.28%	\$8,135.00	\$8,135.00	\$0.00	0.00%	\$10,916.55	\$11,146.84	\$230.29	2.11%
20,000	\$2,915.23	\$3,157.63	\$242.41	8.32%	\$8,563.16	\$8,563.16	\$0.00	0.00%	\$11,478.38	\$11,720.79	\$242.41	2.11%
21,000	\$3,048.90	\$3,303.42	\$254.53	8.35%	\$8,991.31	\$8,991.31	\$0.00	0.00%	\$12,040.21	\$12,294.74	\$254.53	2.11%
22,000	\$3,182.57	\$3,449.21	\$266.64	8.38%	\$9,419.47	\$9,419.47	\$0.00	0.00%	\$12,602.04	\$12,868.69	\$266.64	2.12%
23,000	\$3,316.24	\$3,595.00	\$278.76	8.41%	\$9,847.63	\$9,847.63	\$0.00	0.00%	\$13,163.87	\$13,442.63	\$278.76	2.12%
25,000	\$3,583.59	\$3,886.58	\$303.00	8.46%	\$10,703.95	\$10,703.95	\$0.00	0.00%	\$14,287.53	\$14,590.53	\$303.00	2.12%
25,500	\$3,650.42	\$3,959.48	\$309.06	8.47%	\$10,918.02	\$10,918.02	\$0.00	0.00%	\$14,568.45	\$14,877.50	\$309.06	2.12%
30,000	\$4,251.95	\$4,615.53	\$363.59	8.55%	\$12,844.74	\$12,844.74	\$0.00	0.00%	\$17,096.68	\$17,460.27	\$363.59	2.13%
Average	\$4,593.21	\$4,987.74	\$394.52	8.59%	\$13,937.82	\$13,937.82	\$0.00	0.00%	\$18,531.04	\$18,925.56	\$394.52	2.13%
35,000	\$4,920.31	\$5,344.48	\$424.17	8.62%	\$14,985.52	\$14,985.52	\$0.00	0.00%	\$19,905.83	\$20,330.01	\$424.17	2.13%
40,000	\$5,588.67	\$6,073.43	\$484.76	8.67%	\$17,126.31	\$17,126.31	\$0.00	0.00%	\$22,714.99	\$23,199.75	\$484.76	2.13%
45,000	\$6,257.03	\$6,802.38	\$545.35	8.72%	\$19,267.10	\$19,267.10	\$0.00	0.00%	\$25,524.14	\$26,069.49	\$545.35	2.14%
50,000	\$6,925.40	\$7,531.33	\$605.94	8.75%	\$21,407.89	\$21,407.89	\$0.00	0.00%	\$28,333.29	\$28,939.23	\$605.94	2.14%
55,000	\$7,593.76	\$8,260.28	\$666.53	8.78%	\$23,548.68	\$23,548.68	\$0.00	0.00%	\$31,142.44	\$31,808.96	\$666.53	2.14%
60,000	\$8,262.12	\$8,989.23	\$727.11	8.80%	\$25,689.47	\$25,689.47	\$0.00	0.00%	\$33,951.59	\$34,678.70	\$727.11	2.14%
65,000	\$8,930.48	\$9,718.18	\$787.70	8.82%	\$27,830.26	\$27,830.26	\$0.00	0.00%	\$36,760.74	\$37,548.44	\$787.70	2.14%
70,000	\$9,598.84	\$10,447.13	\$848.29	8.84%	\$29,971.05	\$29,971.05	\$0.00	0.00%	\$39,569.89	\$40,418.18	\$848.29	2.14%
75,000	\$10,267.20	\$11,176.08	\$908.88	8.85%	\$32,111.84	\$32,111.84	\$0.00	0.00%	\$42,379.04	\$43,287.92	\$908.88	2.14%
80,000	\$10,935.57	\$11,905.03	\$969.47	8.87%	\$34,252.63	\$34,252.63	\$0.00	0.00%	\$45,188.19	\$46,157.66	\$969.47	2.15%
85,000	\$11,603.93	\$12,633.98	\$1,030.05	8.88%	\$36,393.42	\$36,393.42	\$0.00	0.00%	\$47,997.35	\$49,027.40	\$1,030.05	2.15%
90,000	\$12,272.29	\$13,362.93	\$1,090.64	8.89%	\$38,534.21	\$38,534.21	\$0.00	0.00%	\$50,806.50	\$51,897.14	\$1,090.64	2.15%
95,000	\$12,940.65	\$14,091.88	\$1,151.23	8.90%	\$40,674.99	\$40,674.99	\$0.00	0.00%	\$53,615.65	\$54,766.88	\$1,151.23	2.15%
100,000	\$13,609.01	\$14,820.83	\$1,211.82	8.90%	\$42,815.78	\$42,815.78	\$0.00	0.00%	\$56,424.80	\$57,636.62	\$1,211.82	2.15%
105,000	\$14,277.38	\$15,549.78	\$1,272.41	8.91%	\$44,956.57	\$44,956.57	\$0.00	0.00%	\$59,233.95	\$60,506.36	\$1,272.41	2.15%
110,000	\$14,945.74	\$16,278.73	\$1,332.99	8.92%	\$47,097.36	\$47,097.36	\$0.00	0.00%	\$62,043.10	\$63,376.09	\$1,332.99	2.15%
115,000	\$15,614.10	\$17,007.68	\$1,393.58	8.93%	\$49,238.15	\$49,238.15	\$0.00	0.00%	\$64,852.25	\$66,245.83	\$1,393.58	2.15%
120,000	\$16,282.46	\$17,736.63	\$1,454.17	8.93%	\$51,378.94	\$51,378.94	\$0.00	0.00%	\$67,661.40	\$69,115.57	\$1,454.17	2.15%
125,000	\$16,950.82	\$18,465.58	\$1,514.76	8.94%	\$53,519.73	\$53,519.73	\$0.00	0.00%	\$70,470.55	\$71,985.31	\$1,514.76	2.15%
130,000	\$17,619.18	\$19,194.53	\$1,575.35	8.94%	\$55,660.52	\$55,660.52	\$0.00	0.00%	\$73,279.70	\$74,855.05	\$1,575.35	2.15%
FY 22					FY 23						Difference	Change
First 10 or Less				\$235.61				\$235.61			\$0.00	0.00%
Over 10 Therms per Therm				\$0.126800				\$0.129200			\$0.002	1.89%
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000102			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.003441				\$0.012746			\$0.009	270.39%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (April - October)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
-	\$343.18	\$343.26	\$0.08	0.02%	\$0.00	\$0.00	\$0.00	0.00%	\$343.18	\$343.26	\$0.08	0.02%
10	\$343.21	\$343.39	\$0.18	0.05%	\$4.28	\$4.28	\$0.00	0.00%	\$347.50	\$347.67	\$0.18	0.05%
20	\$344.27	\$344.56	\$0.29	0.09%	\$8.56	\$8.56	\$0.00	0.00%	\$352.83	\$353.13	\$0.29	0.08%
50	\$347.44	\$348.08	\$0.64	0.19%	\$21.41	\$21.41	\$0.00	0.00%	\$368.84	\$369.49	\$0.64	0.17%
100	\$352.71	\$353.94	\$1.22	0.35%	\$42.82	\$42.82	\$0.00	0.00%	\$395.53	\$396.75	\$1.22	0.31%
1,000	\$447.71	\$459.38	\$11.67	2.61%	\$428.16	\$428.16	\$0.00	0.00%	\$875.87	\$887.53	\$11.67	1.33%
5,000	\$869.91	\$928.00	\$58.08	6.68%	\$2,140.79	\$2,140.79	\$0.00	0.00%	\$3,010.70	\$3,068.79	\$58.08	1.93%
6,000	\$975.46	\$1,045.15	\$69.69	7.14%	\$2,568.95	\$2,568.95	\$0.00	0.00%	\$3,544.41	\$3,614.10	\$69.69	1.97%
7,000	\$1,081.01	\$1,162.31	\$81.29	7.52%	\$2,997.10	\$2,997.10	\$0.00	0.00%	\$4,078.12	\$4,159.41	\$81.29	1.99%
8,000	\$1,186.56	\$1,279.46	\$92.90	7.83%	\$3,425.26	\$3,425.26	\$0.00	0.00%	\$4,611.83	\$4,704.72	\$92.90	2.01%
9,000	\$1,292.11	\$1,396.62	\$104.50	8.09%	\$3,853.42	\$3,853.42	\$0.00	0.00%	\$5,145.53	\$5,250.04	\$104.50	2.03%
10,000	\$1,397.66	\$1,513.77	\$116.11	8.31%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$5,679.24	\$5,795.35	\$116.11	2.04%
11,000	\$1,503.21	\$1,630.93	\$127.71	8.50%	\$4,709.74	\$4,709.74	\$0.00	0.00%	\$6,212.95	\$6,340.66	\$127.71	2.06%
12,000	\$1,608.76	\$1,748.08	\$139.32	8.66%	\$5,137.89	\$5,137.89	\$0.00	0.00%	\$6,746.66	\$6,885.97	\$139.32	2.06%
13,000	\$1,714.32	\$1,865.24	\$150.92	8.80%	\$5,566.05	\$5,566.05	\$0.00	0.00%	\$7,280.37	\$7,431.29	\$150.92	2.07%
14,000	\$1,819.87	\$1,982.39	\$162.52	8.93%	\$5,994.21	\$5,994.21	\$0.00	0.00%	\$7,814.08	\$7,976.60	\$162.52	2.08%
15,000	\$1,925.42	\$2,099.55	\$174.13	9.04%	\$6,422.37	\$6,422.37	\$0.00	0.00%	\$8,347.78	\$8,521.91	\$174.13	2.09%
16,000	\$2,030.97	\$2,216.70	\$185.73	9.15%	\$6,850.53	\$6,850.53	\$0.00	0.00%	\$8,881.49	\$9,067.23	\$185.73	2.09%
17,000	\$2,136.52	\$2,333.86	\$197.34	9.24%	\$7,278.68	\$7,278.68	\$0.00	0.00%	\$9,415.20	\$9,612.54	\$197.34	2.10%
18,000	\$2,242.07	\$2,451.01	\$208.94	9.32%	\$7,706.84	\$7,706.84	\$0.00	0.00%	\$9,948.91	\$10,157.85	\$208.94	2.10%
19,000	\$2,347.62	\$2,568.17	\$220.55	9.39%	\$8,135.00	\$8,135.00	\$0.00	0.00%	\$10,482.62	\$10,703.16	\$220.55	2.10%
20,000	\$2,453.17	\$2,685.32	\$232.15	9.46%	\$8,563.16	\$8,563.16	\$0.00	0.00%	\$11,016.33	\$11,248.48	\$232.15	2.11%
21,000	\$2,558.72	\$2,802.48	\$243.76	9.53%	\$8,991.31	\$8,991.31	\$0.00	0.00%	\$11,550.03	\$11,793.79	\$243.76	2.11%
22,000	\$2,664.27	\$2,919.63	\$255.36	9.58%	\$9,419.47	\$9,419.47	\$0.00	0.00%	\$12,083.74	\$12,339.10	\$255.36	2.11%
23,000	\$2,769.82	\$3,036.79	\$266.96	9.64%	\$9,847.63	\$9,847.63	\$0.00	0.00%	\$12,617.45	\$12,884.42	\$266.96	2.12%
25,000	\$2,980.92	\$3,271.10	\$290.17	9.73%	\$10,703.95	\$10,703.95	\$0.00	0.00%	\$13,684.87	\$13,975.04	\$290.17	2.12%
25,500	\$3,033.70	\$3,329.67	\$295.98	9.76%	\$10,918.02	\$10,918.02	\$0.00	0.00%	\$13,951.72	\$14,247.70	\$295.98	2.12%
30,000	\$3,508.67	\$3,856.87	\$348.20	9.92%	\$12,844.74	\$12,844.74	\$0.00	0.00%	\$16,353.41	\$16,701.61	\$348.20	2.13%
Average	\$3,253	\$3,778.15	\$4,155.97	\$377.82	\$13,937.82	\$13,937.82	\$0.00	0.00%	\$17,715.97	\$18,093.79	\$377.82	2.13%
35,000	\$4,036.43	\$4,442.65	\$406.22	10.06%	\$14,985.52	\$14,985.52	\$0.00	0.00%	\$19,021.95	\$19,428.17	\$406.22	2.14%
40,000	\$4,564.18	\$5,028.42	\$464.24	10.17%	\$17,126.31	\$17,126.31	\$0.00	0.00%	\$21,690.49	\$22,154.73	\$464.24	2.14%
45,000	\$5,091.93	\$5,614.20	\$522.26	10.26%	\$19,267.10	\$19,267.10	\$0.00	0.00%	\$24,359.04	\$24,881.30	\$522.26	2.14%
50,000	\$5,619.69	\$6,199.97	\$580.28	10.33%	\$21,407.89	\$21,407.89	\$0.00	0.00%	\$27,027.58	\$27,607.86	\$580.28	2.15%
55,000	\$6,147.44	\$6,785.75	\$638.31	10.38%	\$23,548.68	\$23,548.68	\$0.00	0.00%	\$29,696.12	\$30,334.43	\$638.31	2.15%
60,000	\$6,675.19	\$7,371.52	\$696.33	10.43%	\$25,689.47	\$25,689.47	\$0.00	0.00%	\$32,364.66	\$33,060.99	\$696.33	2.15%
65,000	\$7,202.94	\$7,957.30	\$754.35	10.47%	\$27,830.26	\$27,830.26	\$0.00	0.00%	\$35,033.20	\$35,787.55	\$754.35	2.15%
70,000	\$7,730.70	\$8,543.07	\$812.37	10.51%	\$29,971.05	\$29,971.05	\$0.00	0.00%	\$37,701.75	\$38,514.12	\$812.37	2.15%
75,000	\$8,258.45	\$9,128.85	\$870.40	10.54%	\$32,111.84	\$32,111.84	\$0.00	0.00%	\$40,370.29	\$41,240.68	\$870.40	2.16%
80,000	\$8,786.20	\$9,714.62	\$928.42	10.57%	\$34,252.63	\$34,252.63	\$0.00	0.00%	\$43,038.83	\$43,967.25	\$928.42	2.16%
85,000	\$9,313.96	\$10,300.39	\$986.44	10.59%	\$36,393.42	\$36,393.42	\$0.00	0.00%	\$45,707.37	\$46,693.81	\$986.44	2.16%
90,000	\$9,841.71	\$10,886.17	\$1,044.46	10.61%	\$38,534.21	\$38,534.21	\$0.00	0.00%	\$48,375.91	\$49,420.38	\$1,044.46	2.16%
95,000	\$10,369.46	\$11,471.94	\$1,102.48	10.63%	\$40,674.99	\$40,674.99	\$0.00	0.00%	\$51,044.46	\$52,146.94	\$1,102.48	2.16%
100,000	\$10,897.21	\$12,057.72	\$1,160.51	10.65%	\$42,815.78	\$42,815.78	\$0.00	0.00%	\$53,713.00	\$54,873.50	\$1,160.51	2.16%
105,000	\$11,424.97	\$12,643.49	\$1,218.53	10.67%	\$44,956.57	\$44,956.57	\$0.00	0.00%	\$56,381.54	\$57,600.07	\$1,218.53	2.16%
110,000	\$11,952.72	\$13,229.27	\$1,276.55	10.68%	\$47,097.36	\$47,097.36	\$0.00	0.00%	\$59,050.08	\$60,326.63	\$1,276.55	2.16%
115,000	\$12,480.47	\$13,815.04	\$1,334.57	10.69%	\$49,238.15	\$49,238.15	\$0.00	0.00%	\$61,718.62	\$63,053.20	\$1,334.57	2.16%
120,000	\$13,008.22	\$14,400.82	\$1,392.60	10.71%	\$51,378.94	\$51,378.94	\$0.00	0.00%	\$64,387.17	\$65,779.76	\$1,392.60	2.16%
125,000	\$13,535.98	\$14,986.59	\$1,450.62	10.72%	\$53,519.73	\$53,519.73	\$0.00	0.00%	\$67,055.71	\$68,506.32	\$1,450.62	2.16%
130,000	\$14,063.73	\$15,572.37	\$1,508.64	10.73%	\$55,660.52	\$55,660.52	\$0.00	0.00%	\$69,724.25	\$71,232.89	\$1,508.64	2.16%
FY 22					FY 23						Difference	Change
First 10 or Less				\$333.14				\$333.14			\$0.00	0.00%
Over 10 Therms per Therm				\$0.099400				\$0.101300			\$0.002	1.91%
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000102			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.003441				\$0.012746			\$0.009	270.39%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 2 – equal to or greater than 1MW but less than 5MW (November - March)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$343.18	\$343.26	\$0.08	0.02%	\$0.00	\$0.00	\$0.00	0.00%	\$343.18	\$343.26	\$0.08	0.02%	
10	\$343.21	\$343.39	\$0.18	0.05%	\$4.28	\$4.28	\$0.00	0.00%	\$347.50	\$347.67	\$0.18	0.05%	
20	\$344.55	\$344.85	\$0.30	0.09%	\$8.56	\$8.56	\$0.00	0.00%	\$353.11	\$353.41	\$0.30	0.08%	
50	\$348.56	\$349.22	\$0.66	0.19%	\$21.41	\$21.41	\$0.00	0.00%	\$369.97	\$370.63	\$0.66	0.18%	
100	\$355.24	\$356.51	\$1.27	0.36%	\$42.82	\$42.82	\$0.00	0.00%	\$398.06	\$399.33	\$1.27	0.32%	
1,000	\$475.55	\$487.72	\$12.18	2.56%	\$428.16	\$428.16	\$0.00	0.00%	\$903.71	\$915.88	\$12.18	1.35%	
5,000	\$1,010.24	\$1,070.88	\$60.65	6.00%	\$2,140.79	\$2,140.79	\$0.00	0.00%	\$3,151.03	\$3,211.67	\$60.65	1.92%	
6,000	\$1,143.91	\$1,216.67	\$72.76	6.36%	\$2,568.95	\$2,568.95	\$0.00	0.00%	\$3,712.86	\$3,785.62	\$72.76	1.96%	
7,000	\$1,277.58	\$1,362.46	\$84.88	6.64%	\$2,997.10	\$2,997.10	\$0.00	0.00%	\$4,274.69	\$4,359.57	\$84.88	1.99%	
8,000	\$1,411.26	\$1,508.25	\$97.00	6.87%	\$3,425.26	\$3,425.26	\$0.00	0.00%	\$4,836.52	\$4,933.52	\$97.00	2.01%	
9,000	\$1,544.93	\$1,654.04	\$109.12	7.06%	\$3,853.42	\$3,853.42	\$0.00	0.00%	\$5,398.35	\$5,507.46	\$109.12	2.02%	
10,000	\$1,678.60	\$1,799.83	\$121.23	7.22%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$5,960.18	\$6,081.41	\$121.23	2.03%	
11,000	\$1,812.27	\$1,945.62	\$133.35	7.36%	\$4,709.74	\$4,709.74	\$0.00	0.00%	\$6,522.01	\$6,655.36	\$133.35	2.04%	
12,000	\$1,945.95	\$2,091.41	\$145.47	7.48%	\$5,137.89	\$5,137.89	\$0.00	0.00%	\$7,083.84	\$7,229.31	\$145.47	2.05%	
13,000	\$2,079.62	\$2,237.20	\$157.59	7.58%	\$5,566.05	\$5,566.05	\$0.00	0.00%	\$7,645.67	\$7,803.26	\$157.59	2.06%	
14,000	\$2,213.29	\$2,382.99	\$169.70	7.67%	\$5,994.21	\$5,994.21	\$0.00	0.00%	\$8,207.50	\$8,377.20	\$169.70	2.07%	
15,000	\$2,346.96	\$2,528.78	\$181.82	7.75%	\$6,422.37	\$6,422.37	\$0.00	0.00%	\$8,769.33	\$8,951.15	\$181.82	2.07%	
16,000	\$2,480.63	\$2,674.57	\$193.94	7.82%	\$6,850.53	\$6,850.53	\$0.00	0.00%	\$9,331.16	\$9,525.10	\$193.94	2.08%	
17,000	\$2,614.31	\$2,820.36	\$206.06	7.88%	\$7,278.68	\$7,278.68	\$0.00	0.00%	\$9,892.99	\$10,099.05	\$206.06	2.08%	
18,000	\$2,747.98	\$2,966.15	\$218.17	7.94%	\$7,706.84	\$7,706.84	\$0.00	0.00%	\$10,454.82	\$10,673.00	\$218.17	2.09%	
19,000	\$2,881.65	\$3,111.94	\$230.29	7.99%	\$8,135.00	\$8,135.00	\$0.00	0.00%	\$11,016.65	\$11,246.94	\$230.29	2.09%	
20,000	\$3,015.32	\$3,257.73	\$242.41	8.04%	\$8,563.16	\$8,563.16	\$0.00	0.00%	\$11,578.48	\$11,820.89	\$242.41	2.09%	
21,000	\$3,149.00	\$3,403.52	\$254.53	8.08%	\$8,991.31	\$8,991.31	\$0.00	0.00%	\$12,140.31	\$12,394.84	\$254.53	2.10%	
22,000	\$3,282.67	\$3,549.31	\$266.64	8.12%	\$9,419.47	\$9,419.47	\$0.00	0.00%	\$12,702.14	\$12,968.79	\$266.64	2.10%	
23,000	\$3,416.34	\$3,695.10	\$278.76	8.16%	\$9,847.63	\$9,847.63	\$0.00	0.00%	\$13,263.97	\$13,542.73	\$278.76	2.10%	
25,000	\$3,683.69	\$3,986.68	\$303.00	8.23%	\$10,703.95	\$10,703.95	\$0.00	0.00%	\$14,387.63	\$14,690.63	\$303.00	2.11%	
25,500	\$3,750.52	\$4,059.58	\$309.06	8.24%	\$10,918.02	\$10,918.02	\$0.00	0.00%	\$14,668.55	\$14,977.60	\$309.06	2.11%	
30,000	\$4,352.05	\$4,715.63	\$363.59	8.35%	\$12,844.74	\$12,844.74	\$0.00	0.00%	\$17,196.78	\$17,560.37	\$363.59	2.11%	
Average	\$32,553	\$4,693.31	\$5,087.84	\$394.52	8.41%	\$13,937.82	\$13,937.82	\$0.00	0.00%	\$18,631.14	\$19,025.66	\$394.52	2.12%
35,000	\$5,020.41	\$5,444.58	\$424.17	8.45%	\$14,985.52	\$14,985.52	\$0.00	0.00%	\$20,005.93	\$20,430.11	\$424.17	2.12%	
40,000	\$5,688.77	\$6,173.53	\$484.76	8.52%	\$17,126.31	\$17,126.31	\$0.00	0.00%	\$22,815.09	\$23,299.85	\$484.76	2.12%	
45,000	\$6,357.13	\$6,902.48	\$545.35	8.58%	\$19,267.10	\$19,267.10	\$0.00	0.00%	\$25,624.24	\$26,169.59	\$545.35	2.13%	
50,000	\$7,025.50	\$7,631.43	\$605.94	8.62%	\$21,407.89	\$21,407.89	\$0.00	0.00%	\$28,433.39	\$29,039.33	\$605.94	2.13%	
55,000	\$7,693.86	\$8,360.38	\$666.53	8.66%	\$23,548.68	\$23,548.68	\$0.00	0.00%	\$31,242.54	\$31,909.06	\$666.53	2.13%	
60,000	\$8,362.22	\$9,089.33	\$727.11	8.70%	\$25,689.47	\$25,689.47	\$0.00	0.00%	\$34,051.69	\$34,778.80	\$727.11	2.14%	
65,000	\$9,030.58	\$9,818.28	\$787.70	8.72%	\$27,830.26	\$27,830.26	\$0.00	0.00%	\$36,860.84	\$37,648.54	\$787.70	2.14%	
70,000	\$9,698.94	\$10,547.23	\$848.29	8.75%	\$29,971.05	\$29,971.05	\$0.00	0.00%	\$39,669.99	\$40,518.28	\$848.29	2.14%	
75,000	\$10,367.30	\$11,276.18	\$908.88	8.77%	\$32,111.84	\$32,111.84	\$0.00	0.00%	\$42,479.14	\$43,388.02	\$908.88	2.14%	
80,000	\$11,035.67	\$12,005.13	\$969.47	8.78%	\$34,252.63	\$34,252.63	\$0.00	0.00%	\$45,288.29	\$46,257.76	\$969.47	2.14%	
85,000	\$11,704.03	\$12,734.08	\$1,030.05	8.80%	\$36,393.42	\$36,393.42	\$0.00	0.00%	\$48,097.44	\$49,127.50	\$1,030.05	2.14%	
90,000	\$12,372.39	\$13,463.03	\$1,090.64	8.82%	\$38,534.21	\$38,534.21	\$0.00	0.00%	\$50,906.60	\$51,997.24	\$1,090.64	2.14%	
95,000	\$13,040.75	\$14,191.98	\$1,151.23	8.83%	\$40,674.99	\$40,674.99	\$0.00	0.00%	\$53,715.75	\$54,866.98	\$1,151.23	2.14%	
100,000	\$13,709.11	\$14,920.93	\$1,211.82	8.84%	\$42,815.78	\$42,815.78	\$0.00	0.00%	\$56,524.90	\$57,736.72	\$1,211.82	2.14%	
105,000	\$14,377.48	\$15,649.88	\$1,272.41	8.85%	\$44,956.57	\$44,956.57	\$0.00	0.00%	\$59,334.05	\$60,606.45	\$1,272.41	2.14%	
110,000	\$15,045.84	\$16,378.83	\$1,332.99	8.86%	\$47,097.36	\$47,097.36	\$0.00	0.00%	\$62,143.20	\$63,476.19	\$1,332.99	2.15%	
115,000	\$15,714.20	\$17,107.78	\$1,393.58	8.87%	\$49,238.15	\$49,238.15	\$0.00	0.00%	\$64,952.35	\$66,345.93	\$1,393.58	2.15%	
120,000	\$16,382.56	\$17,836.73	\$1,454.17	8.88%	\$51,378.94	\$51,378.94	\$0.00	0.00%	\$67,761.50	\$69,215.67	\$1,454.17	2.15%	
125,000	\$17,050.92	\$18,565.68	\$1,514.76	8.88%	\$53,519.73	\$53,519.73	\$0.00	0.00%	\$70,570.65	\$72,085.41	\$1,514.76	2.15%	
130,000	\$17,719.28	\$19,294.63	\$1,575.35	8.89%	\$55,660.52	\$55,660.52	\$0.00	0.00%	\$73,379.80	\$74,955.15	\$1,575.35	2.15%	
FY 22					FY 23						Difference	Change	
First 10 or Less				\$333.14				\$333.14			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.126800				\$0.129200			\$0.002	1.89%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000102			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003441				\$0.012746			\$0.009	270.39%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%	
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 3 – equal to or greater than 5MW but less than 50MW(April - October)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$75,021.31	\$76,657.90	\$1,636.59	2.18%	\$0.00	\$0.00	\$0.00	0.00%	\$75,021.31	\$76,657.90	\$1,636.59	2.18%	
10	\$75,021.35	\$76,658.03	\$1,636.68	2.18%	\$4.28	\$4.28	\$0.00	0.00%	\$75,025.63	\$76,662.31	\$1,636.68	2.18%	
50	\$75,022.44	\$76,659.50	\$1,637.06	2.18%	\$21.41	\$21.41	\$0.00	0.00%	\$75,043.85	\$76,680.91	\$1,637.06	2.18%	
100	\$75,023.81	\$76,661.34	\$1,637.53	2.18%	\$42.82	\$42.82	\$0.00	0.00%	\$75,066.62	\$76,704.16	\$1,637.53	2.18%	
1,000	\$75,048.42	\$76,694.46	\$1,646.04	2.19%	\$428.16	\$428.16	\$0.00	0.00%	\$75,476.58	\$77,122.61	\$1,646.04	2.18%	
10,000	\$75,294.51	\$77,025.59	\$1,731.08	2.30%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$79,576.08	\$81,307.16	\$1,731.08	2.18%	
20,000	\$75,567.94	\$77,393.51	\$1,825.57	2.42%	\$8,563.16	\$8,563.16	\$0.00	0.00%	\$84,131.09	\$85,956.67	\$1,825.57	2.17%	
50,000	\$76,388.23	\$78,497.28	\$2,109.04	2.76%	\$21,407.89	\$21,407.89	\$0.00	0.00%	\$97,796.13	\$99,905.17	\$2,109.04	2.16%	
100,000	\$77,755.39	\$80,336.89	\$2,581.50	3.32%	\$42,815.78	\$42,815.78	\$0.00	0.00%	\$120,571.18	\$123,152.68	\$2,581.50	2.14%	
150,000	\$79,122.55	\$82,176.51	\$3,053.96	3.86%	\$64,223.68	\$64,223.68	\$0.00	0.00%	\$143,346.23	\$146,400.18	\$3,053.96	2.13%	
200,000	\$80,489.71	\$84,016.12	\$3,526.41	4.38%	\$85,631.57	\$85,631.57	\$0.00	0.00%	\$166,121.28	\$169,647.69	\$3,526.41	2.12%	
250,000	\$81,856.87	\$85,855.74	\$3,998.87	4.89%	\$107,039.46	\$107,039.46	\$0.00	0.00%	\$188,896.33	\$192,895.20	\$3,998.87	2.12%	
300,000	\$83,224.03	\$87,695.35	\$4,471.32	5.37%	\$128,447.35	\$128,447.35	\$0.00	0.00%	\$211,671.38	\$216,142.70	\$4,471.32	2.11%	
350,000	\$84,591.19	\$89,534.97	\$4,943.78	5.84%	\$149,855.24	\$149,855.24	\$0.00	0.00%	\$234,446.43	\$239,390.21	\$4,943.78	2.11%	
380,000	\$85,411.48	\$90,638.74	\$5,227.25	6.12%	\$162,699.98	\$162,699.98	\$0.00	0.00%	\$248,111.46	\$253,338.72	\$5,227.25	2.11%	
400,000	\$85,958.35	\$91,374.58	\$5,416.24	6.30%	\$171,263.14	\$171,263.14	\$0.00	0.00%	\$257,221.48	\$262,637.72	\$5,416.24	2.11%	
450,000	\$87,325.51	\$93,214.20	\$5,888.69	6.74%	\$192,671.03	\$192,671.03	\$0.00	0.00%	\$279,996.53	\$285,885.23	\$5,888.69	2.10%	
480,000	\$88,145.80	\$94,317.97	\$6,172.16	7.00%	\$205,515.76	\$205,515.76	\$0.00	0.00%	\$293,661.57	\$299,833.73	\$6,172.16	2.10%	
500,000	\$88,692.67	\$95,053.81	\$6,361.15	7.17%	\$214,078.92	\$214,078.92	\$0.00	0.00%	\$302,771.59	\$309,132.73	\$6,361.15	2.10%	
550,000	\$90,059.82	\$96,893.43	\$6,833.60	7.59%	\$235,486.81	\$235,486.81	\$0.00	0.00%	\$325,546.64	\$332,380.24	\$6,833.60	2.10%	
580,000	\$90,880.12	\$97,997.20	\$7,117.08	7.83%	\$248,331.55	\$248,331.55	\$0.00	0.00%	\$339,211.67	\$346,328.74	\$7,117.08	2.10%	
600,000	\$91,426.98	\$98,733.04	\$7,306.06	7.99%	\$256,894.71	\$256,894.71	\$0.00	0.00%	\$348,321.69	\$355,627.75	\$7,306.06	2.10%	
650,000	\$92,794.14	\$100,572.66	\$7,778.51	8.38%	\$278,302.60	\$278,302.60	\$0.00	0.00%	\$371,096.74	\$378,875.25	\$7,778.51	2.10%	
700,000	\$94,161.30	\$102,412.27	\$8,250.97	8.76%	\$299,710.49	\$299,710.49	\$0.00	0.00%	\$393,871.79	\$402,122.76	\$8,250.97	2.09%	
750,000	\$95,528.46	\$104,251.89	\$8,723.43	9.13%	\$321,118.38	\$321,118.38	\$0.00	0.00%	\$416,646.84	\$425,370.27	\$8,723.43	2.09%	
800,000	\$96,895.62	\$106,091.50	\$9,195.88	9.49%	\$342,526.27	\$342,526.27	\$0.00	0.00%	\$439,421.89	\$448,617.77	\$9,195.88	2.09%	
900,000	\$99,629.94	\$109,770.73	\$10,140.79	10.18%	\$385,342.06	\$385,342.06	\$0.00	0.00%	\$484,972.00	\$495,112.79	\$10,140.79	2.09%	
1,000,000	\$102,364.26	\$113,449.96	\$11,085.70	10.83%	\$428,157.84	\$428,157.84	\$0.00	0.00%	\$530,522.10	\$541,607.80	\$11,085.70	2.09%	
Average	1,365,622	\$112,361.52	\$126,902.03	\$14,540.51	12.94%	\$584,701.77	\$584,701.77	\$0.00	0.00%	\$697,063.29	\$711,603.80	\$14,540.51	2.09%
1,200,000	\$107,832.89	\$120,808.42	\$12,975.53	12.03%	\$513,789.41	\$513,789.41	\$0.00	0.00%	\$621,622.30	\$634,597.83	\$12,975.53	2.09%	
1,300,000	\$110,567.21	\$124,487.65	\$13,920.44	12.59%	\$556,605.19	\$556,605.19	\$0.00	0.00%	\$667,172.40	\$681,092.84	\$13,920.44	2.09%	
1,400,000	\$113,301.53	\$128,166.88	\$14,865.35	13.12%	\$599,420.98	\$599,420.98	\$0.00	0.00%	\$712,722.51	\$727,587.86	\$14,865.35	2.09%	
1,500,000	\$116,035.85	\$131,846.11	\$15,810.26	13.63%	\$642,236.76	\$642,236.76	\$0.00	0.00%	\$758,272.61	\$774,082.87	\$15,810.26	2.09%	
1,600,000	\$118,770.16	\$135,525.34	\$16,755.17	14.11%	\$685,052.55	\$685,052.55	\$0.00	0.00%	\$803,822.71	\$820,577.89	\$16,755.17	2.08%	
1,700,000	\$121,504.48	\$139,204.57	\$17,700.09	14.57%	\$727,868.33	\$727,868.33	\$0.00	0.00%	\$849,372.81	\$867,072.90	\$17,700.09	2.08%	
1,800,000	\$124,238.80	\$142,883.80	\$18,645.00	15.01%	\$770,684.12	\$770,684.12	\$0.00	0.00%	\$894,922.92	\$913,567.91	\$18,645.00	2.08%	
1,900,000	\$126,973.12	\$146,563.03	\$19,589.91	15.43%	\$813,499.90	\$813,499.90	\$0.00	0.00%	\$940,473.02	\$960,062.93	\$19,589.91	2.08%	
2,000,000	\$129,707.44	\$150,242.26	\$20,534.82	15.83%	\$856,315.68	\$856,315.68	\$0.00	0.00%	\$986,023.12	\$1,006,557.94	\$20,534.82	2.08%	
2,100,000	\$132,441.76	\$153,921.49	\$21,479.73	16.22%	\$899,131.47	\$899,131.47	\$0.00	0.00%	\$1,031,573.22	\$1,053,052.96	\$21,479.73	2.08%	
2,200,000	\$135,176.07	\$157,600.72	\$22,424.64	16.59%	\$941,947.25	\$941,947.25	\$0.00	0.00%	\$1,077,123.33	\$1,099,547.97	\$22,424.64	2.08%	
2,300,000	\$137,910.39	\$161,279.95	\$23,369.56	16.95%	\$984,763.04	\$984,763.04	\$0.00	0.00%	\$1,122,673.43	\$1,146,042.98	\$23,369.56	2.08%	
2,400,000	\$140,644.71	\$164,959.18	\$24,314.47	17.29%	\$1,027,578.82	\$1,027,578.82	\$0.00	0.00%	\$1,168,223.53	\$1,192,538.00	\$24,314.47	2.08%	
2,500,000	\$143,379.03	\$168,638.41	\$25,259.38	17.62%	\$1,070,394.61	\$1,070,394.61	\$0.00	0.00%	\$1,213,773.63	\$1,239,033.01	\$25,259.38	2.08%	
2,600,000	\$146,113.35	\$172,317.64	\$26,204.29	17.93%	\$1,113,210.39	\$1,113,210.39	\$0.00	0.00%	\$1,259,323.74	\$1,285,528.03	\$26,204.29	2.08%	
2,700,000	\$148,847.66	\$175,996.87	\$27,149.20	18.24%	\$1,156,026.17	\$1,156,026.17	\$0.00	0.00%	\$1,304,873.84	\$1,332,023.04	\$27,149.20	2.08%	
2,800,000	\$151,581.98	\$179,676.10	\$28,094.11	18.53%	\$1,198,841.96	\$1,198,841.96	\$0.00	0.00%	\$1,350,423.94	\$1,378,518.05	\$28,094.11	2.08%	
2,900,000	\$154,316.30	\$183,355.33	\$29,039.02	18.82%	\$1,241,657.74	\$1,241,657.74	\$0.00	0.00%	\$1,395,974.04	\$1,425,013.07	\$29,039.02	2.08%	
3,000,000	\$157,050.62	\$187,034.56	\$29,983.94	19.09%	\$1,284,473.53	\$1,284,473.53	\$0.00	0.00%	\$1,441,524.15	\$1,471,508.08	\$29,983.94	2.08%	
3,100,000	\$159,784.94	\$190,713.79	\$30,928.85	19.36%	\$1,327,289.31	\$1,327,289.31	\$0.00	0.00%	\$1,487,074.25	\$1,518,003.10	\$30,928.85	2.08%	
FY 22					FY 23						Difference	Change	
First 10 or Less				\$771.69				\$771.69			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.023200				\$0.023000			(\$0.000)	-0.86%	
Monthly Demand Charge*				\$4,821.52				\$4,928			\$106.300	2.20%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000102			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003441				\$0.012746			\$0.009	270.39%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%	
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 3 – equal to or greater than 5MW but less than 50MW (November - March)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
-	\$75,021.31	\$76,657.90	\$1,636.59	2.18%	\$0.00	\$0.00	\$0.00	0.00%	\$75,021.31	\$76,657.90	\$1,636.59	2.18%
10	\$75,021.35	\$76,658.03	\$1,636.68	2.18%	\$4.28	\$4.28	\$0.00	0.00%	\$75,025.63	\$76,662.31	\$1,636.68	2.18%
50	\$75,022.81	\$76,659.88	\$1,637.07	2.18%	\$21.41	\$21.41	\$0.00	0.00%	\$75,044.22	\$76,681.28	\$1,637.07	2.18%
100	\$75,024.64	\$76,662.18	\$1,637.54	2.18%	\$42.82	\$42.82	\$0.00	0.00%	\$75,067.46	\$76,705.00	\$1,637.54	2.18%
1,000	\$75,057.56	\$76,703.70	\$1,646.14	2.19%	\$428.16	\$428.16	\$0.00	0.00%	\$75,485.72	\$77,131.86	\$1,646.14	2.18%
10,000	\$75,386.78	\$77,118.89	\$1,732.11	2.30%	\$4,281.58	\$4,281.58	\$0.00	0.00%	\$79,668.36	\$81,400.47	\$1,732.11	2.17%
20,000	\$75,752.59	\$77,580.21	\$1,827.62	2.41%	\$8,563.16	\$8,563.16	\$0.00	0.00%	\$84,315.74	\$86,143.37	\$1,827.62	2.17%
50,000	\$76,850.00	\$78,964.17	\$2,114.18	2.75%	\$21,407.89	\$21,407.89	\$0.00	0.00%	\$98,257.89	\$100,372.06	\$2,114.18	2.15%
100,000	\$78,679.01	\$81,270.77	\$2,591.76	3.29%	\$42,815.78	\$42,815.78	\$0.00	0.00%	\$121,494.79	\$124,086.56	\$2,591.76	2.13%
150,000	\$80,508.02	\$83,577.37	\$3,069.35	3.81%	\$64,223.68	\$64,223.68	\$0.00	0.00%	\$144,731.70	\$147,801.05	\$3,069.35	2.12%
200,000	\$82,337.04	\$85,883.97	\$3,546.94	4.31%	\$85,631.57	\$85,631.57	\$0.00	0.00%	\$167,968.60	\$171,515.54	\$3,546.94	2.11%
250,000	\$84,166.05	\$88,190.58	\$4,024.53	4.78%	\$107,039.46	\$107,039.46	\$0.00	0.00%	\$191,205.51	\$195,230.04	\$4,024.53	2.10%
300,000	\$85,995.06	\$90,497.18	\$4,502.11	5.24%	\$128,447.35	\$128,447.35	\$0.00	0.00%	\$214,442.42	\$218,944.53	\$4,502.11	2.10%
350,000	\$87,824.08	\$92,803.78	\$4,979.70	5.67%	\$149,855.24	\$149,855.24	\$0.00	0.00%	\$237,679.32	\$242,659.02	\$4,979.70	2.10%
380,000	\$88,921.49	\$94,187.74	\$5,266.25	5.92%	\$162,699.98	\$162,699.98	\$0.00	0.00%	\$251,621.47	\$256,887.72	\$5,266.25	2.09%
400,000	\$89,653.09	\$95,110.38	\$5,457.29	6.09%	\$171,263.14	\$171,263.14	\$0.00	0.00%	\$260,916.23	\$266,373.52	\$5,457.29	2.09%
450,000	\$91,482.10	\$97,416.98	\$5,934.88	6.49%	\$192,671.03	\$192,671.03	\$0.00	0.00%	\$284,153.13	\$290,088.01	\$5,934.88	2.09%
480,000	\$92,579.51	\$98,800.94	\$6,221.43	6.72%	\$205,515.76	\$205,515.76	\$0.00	0.00%	\$298,095.28	\$304,316.70	\$6,221.43	2.09%
500,000	\$93,311.12	\$99,723.58	\$6,412.46	6.87%	\$214,078.92	\$214,078.92	\$0.00	0.00%	\$307,390.04	\$313,802.50	\$6,412.46	2.09%
550,000	\$95,140.13	\$102,030.18	\$6,890.05	7.24%	\$235,486.81	\$235,486.81	\$0.00	0.00%	\$330,626.94	\$337,517.00	\$6,890.05	2.08%
580,000	\$96,237.54	\$103,414.14	\$7,176.60	7.46%	\$248,331.55	\$248,331.55	\$0.00	0.00%	\$344,569.09	\$351,745.69	\$7,176.60	2.08%
600,000	\$96,969.15	\$104,336.78	\$7,367.64	7.60%	\$256,894.71	\$256,894.71	\$0.00	0.00%	\$353,863.85	\$361,231.49	\$7,367.64	2.08%
650,000	\$98,798.16	\$106,643.38	\$7,845.23	7.94%	\$278,302.60	\$278,302.60	\$0.00	0.00%	\$377,100.76	\$384,945.98	\$7,845.23	2.08%
700,000	\$100,627.17	\$108,949.99	\$8,322.81	8.27%	\$299,710.49	\$299,710.49	\$0.00	0.00%	\$400,337.66	\$408,660.47	\$8,322.81	2.08%
750,000	\$102,456.19	\$111,256.59	\$8,800.40	8.59%	\$321,118.38	\$321,118.38	\$0.00	0.00%	\$423,574.57	\$432,374.97	\$8,800.40	2.08%
800,000	\$104,285.20	\$113,563.19	\$9,277.99	8.90%	\$342,526.27	\$342,526.27	\$0.00	0.00%	\$446,811.47	\$456,089.46	\$9,277.99	2.08%
900,000	\$107,943.23	\$118,176.39	\$10,233.16	9.48%	\$385,342.06	\$385,342.06	\$0.00	0.00%	\$493,285.28	\$503,518.45	\$10,233.16	2.07%
1,000,000	\$111,601.25	\$122,789.59	\$11,188.34	10.03%	\$428,157.84	\$428,157.84	\$0.00	0.00%	\$539,759.10	\$550,947.43	\$11,188.34	2.07%
Average	\$124,975.81	\$139,656.47	\$14,680.67	11.75%	\$584,701.77	\$584,701.77	\$0.00	0.00%	\$709,677.58	\$724,358.24	\$14,680.67	2.07%
1,200,000	\$118,917.31	\$132,016.00	\$13,098.69	11.01%	\$513,789.41	\$513,789.41	\$0.00	0.00%	\$632,706.72	\$645,805.41	\$13,098.69	2.07%
1,300,000	\$122,575.34	\$136,629.20	\$14,053.86	11.47%	\$556,605.19	\$556,605.19	\$0.00	0.00%	\$679,180.53	\$693,234.39	\$14,053.86	2.07%
1,400,000	\$126,233.36	\$141,242.40	\$15,009.04	11.89%	\$599,420.98	\$599,420.98	\$0.00	0.00%	\$725,654.34	\$740,663.38	\$15,009.04	2.07%
1,500,000	\$129,891.39	\$145,855.60	\$15,964.21	12.29%	\$642,236.76	\$642,236.76	\$0.00	0.00%	\$772,128.15	\$788,092.37	\$15,964.21	2.07%
1,600,000	\$133,549.42	\$150,468.81	\$16,919.39	12.67%	\$685,052.55	\$685,052.55	\$0.00	0.00%	\$818,601.97	\$835,521.35	\$16,919.39	2.07%
1,700,000	\$137,207.45	\$155,082.01	\$17,874.56	13.03%	\$727,868.33	\$727,868.33	\$0.00	0.00%	\$865,075.78	\$882,950.34	\$17,874.56	2.07%
1,800,000	\$140,865.47	\$159,695.21	\$18,829.74	13.37%	\$770,684.12	\$770,684.12	\$0.00	0.00%	\$911,549.59	\$930,379.33	\$18,829.74	2.07%
1,900,000	\$144,523.50	\$164,308.41	\$19,784.91	13.69%	\$813,499.90	\$813,499.90	\$0.00	0.00%	\$958,023.40	\$977,808.31	\$19,784.91	2.07%
2,000,000	\$148,181.53	\$168,921.61	\$20,740.09	14.00%	\$856,315.68	\$856,315.68	\$0.00	0.00%	\$1,004,497.21	\$1,025,237.30	\$20,740.09	2.06%
2,100,000	\$151,839.55	\$173,534.82	\$21,695.26	14.29%	\$899,131.47	\$899,131.47	\$0.00	0.00%	\$1,050,971.02	\$1,072,666.29	\$21,695.26	2.06%
2,200,000	\$155,497.58	\$178,148.02	\$22,650.44	14.57%	\$941,947.25	\$941,947.25	\$0.00	0.00%	\$1,097,444.83	\$1,120,095.27	\$22,650.44	2.06%
2,300,000	\$159,155.61	\$182,761.22	\$23,605.61	14.83%	\$984,763.04	\$984,763.04	\$0.00	0.00%	\$1,143,918.65	\$1,167,524.26	\$23,605.61	2.06%
2,400,000	\$162,813.64	\$187,374.42	\$24,560.79	15.09%	\$1,027,578.82	\$1,027,578.82	\$0.00	0.00%	\$1,190,392.46	\$1,214,953.24	\$24,560.79	2.06%
2,500,000	\$166,471.66	\$191,987.63	\$25,515.96	15.33%	\$1,070,394.61	\$1,070,394.61	\$0.00	0.00%	\$1,236,866.27	\$1,262,382.23	\$25,515.96	2.06%
2,600,000	\$170,129.69	\$196,600.83	\$26,471.14	15.56%	\$1,113,210.39	\$1,113,210.39	\$0.00	0.00%	\$1,283,340.08	\$1,309,811.22	\$26,471.14	2.06%
2,700,000	\$173,787.72	\$201,214.03	\$27,426.31	15.78%	\$1,156,026.17	\$1,156,026.17	\$0.00	0.00%	\$1,329,813.89	\$1,357,240.20	\$27,426.31	2.06%
2,800,000	\$177,445.74	\$205,827.23	\$28,381.49	15.99%	\$1,198,841.96	\$1,198,841.96	\$0.00	0.00%	\$1,376,287.70	\$1,404,669.19	\$28,381.49	2.06%
2,900,000	\$181,103.77	\$210,440.44	\$29,336.66	16.20%	\$1,241,657.74	\$1,241,657.74	\$0.00	0.00%	\$1,422,761.51	\$1,452,098.18	\$29,336.66	2.06%
3,000,000	\$184,761.80	\$215,053.64	\$30,291.84	16.40%	\$1,284,473.53	\$1,284,473.53	\$0.00	0.00%	\$1,469,235.33	\$1,499,527.16	\$30,291.84	2.06%
3,100,000	\$188,419.83	\$219,666.84	\$31,247.01	16.58%	\$1,327,289.31	\$1,327,289.31	\$0.00	0.00%	\$1,515,709.14	\$1,546,956.15	\$31,247.01	2.06%
FY 22					FY 23						Difference	Change
First 10 or Less				\$771.69				\$771.69			\$0.00	0.00%
Over 10 Therms per Therm				\$0.032200				\$0.032100			(\$0.0000)	-0.31%
Monthly Demand Charge*				\$4,821.52				\$4,927.82			\$106.300	2.20%
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000102			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.003441				\$0.012746			\$0.009	270.39%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.404987				\$0.404987			\$0.000	0.00%
Merchant Function Charge				\$0.012181				\$0.012181			\$0.000	0.00%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

*Note: Demand charge included in the typical delivery bill assumes 15MW

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 Non Firm Demand Response: Commercial / Government Tier 1
 Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$386.14	\$386.22	\$0.08	0.02%	\$0.00	\$0.00	\$0.00	0.00%	\$386.14	\$386.22	\$0.08	0.02%	
3	\$386.15	\$386.26	\$0.11	0.03%	\$0.70	\$0.70	\$0.00	0.00%	\$386.85	\$386.96	\$0.11	0.03%	
10	\$377.10	\$386.35	\$9.25	2.45%	\$2.33	\$2.33	\$0.00	0.00%	\$379.42	\$388.67	\$9.25	2.44%	
100	\$401.44	\$408.98	\$7.54	1.88%	\$23.28	\$23.28	\$0.00	0.00%	\$424.72	\$432.26	\$7.54	1.78%	
1,000	\$554.09	\$635.35	\$81.27	14.67%	\$232.79	\$232.79	\$0.00	0.00%	\$786.88	\$868.14	\$81.27	10.33%	
2,000	\$723.69	\$886.88	\$163.18	22.55%	\$465.58	\$465.58	\$0.00	0.00%	\$1,189.27	\$1,352.46	\$163.18	13.72%	
3,000	\$893.30	\$1,138.40	\$245.10	27.44%	\$698.37	\$698.37	\$0.00	0.00%	\$1,591.67	\$1,836.77	\$245.10	15.40%	
4,000	\$1,062.91	\$1,389.92	\$327.01	30.77%	\$931.16	\$931.16	\$0.00	0.00%	\$1,994.07	\$2,321.08	\$327.01	16.40%	
5,000	\$1,232.52	\$1,641.45	\$408.93	33.18%	\$1,163.95	\$1,163.95	\$0.00	0.00%	\$2,396.47	\$2,805.40	\$408.93	17.06%	
6,000	\$1,402.12	\$1,892.97	\$490.84	35.01%	\$1,396.74	\$1,396.74	\$0.00	0.00%	\$2,798.87	\$3,289.71	\$490.84	17.54%	
Average	6,938	\$1,561.15	\$2,128.80	\$567.65	36.36%	\$1,615.01	\$1,615.01	\$0.00	0.00%	\$3,176.16	\$3,743.81	\$567.65	17.87%
7,000	\$1,571.73	\$2,144.49	\$572.76	36.44%	\$1,629.53	\$1,629.53	\$0.00	0.00%	\$3,201.26	\$3,774.02	\$572.76	17.89%	
7,050	\$1,580.21	\$2,157.07	\$576.86	36.50%	\$1,641.17	\$1,641.17	\$0.00	0.00%	\$3,221.38	\$3,798.24	\$576.86	17.91%	
7,100	\$1,588.69	\$2,169.64	\$580.95	36.57%	\$1,652.81	\$1,652.81	\$0.00	0.00%	\$3,241.50	\$3,822.45	\$580.95	17.92%	
7,150	\$1,597.17	\$2,182.22	\$585.05	36.63%	\$1,664.45	\$1,664.45	\$0.00	0.00%	\$3,261.62	\$3,846.67	\$585.05	17.94%	
7,200	\$1,605.65	\$2,194.80	\$589.14	36.69%	\$1,676.09	\$1,676.09	\$0.00	0.00%	\$3,281.74	\$3,870.89	\$589.14	17.95%	
7,250	\$1,614.13	\$2,207.37	\$593.24	36.75%	\$1,687.73	\$1,687.73	\$0.00	0.00%	\$3,301.86	\$3,895.10	\$593.24	17.97%	
7,300	\$1,622.61	\$2,219.95	\$597.33	36.81%	\$1,699.37	\$1,699.37	\$0.00	0.00%	\$3,321.98	\$3,919.32	\$597.33	17.98%	
7,350	\$1,631.09	\$2,232.52	\$601.43	36.87%	\$1,711.01	\$1,711.01	\$0.00	0.00%	\$3,342.10	\$3,943.53	\$601.43	18.00%	
7,400	\$1,639.57	\$2,245.10	\$605.53	36.93%	\$1,722.65	\$1,722.65	\$0.00	0.00%	\$3,362.22	\$3,967.75	\$605.53	18.01%	
7,450	\$1,648.05	\$2,257.68	\$609.62	36.99%	\$1,734.29	\$1,734.29	\$0.00	0.00%	\$3,382.34	\$3,991.96	\$609.62	18.02%	
7,500	\$1,656.54	\$2,270.25	\$613.72	37.05%	\$1,745.93	\$1,745.93	\$0.00	0.00%	\$3,402.46	\$4,016.18	\$613.72	18.04%	
7,550	\$1,665.02	\$2,282.83	\$617.81	37.11%	\$1,757.57	\$1,757.57	\$0.00	0.00%	\$3,422.58	\$4,040.40	\$617.81	18.05%	
7,600	\$1,673.50	\$2,295.40	\$621.91	37.16%	\$1,769.21	\$1,769.21	\$0.00	0.00%	\$3,442.70	\$4,064.61	\$621.91	18.06%	
7,650	\$1,681.98	\$2,307.98	\$626.00	37.22%	\$1,780.85	\$1,780.85	\$0.00	0.00%	\$3,462.82	\$4,088.83	\$626.00	18.08%	
7,700	\$1,690.46	\$2,320.56	\$630.10	37.27%	\$1,792.49	\$1,792.49	\$0.00	0.00%	\$3,482.94	\$4,113.04	\$630.10	18.09%	
7,750	\$1,698.94	\$2,333.13	\$634.20	37.33%	\$1,804.12	\$1,804.12	\$0.00	0.00%	\$3,503.06	\$4,137.26	\$634.20	18.10%	
7,800	\$1,707.42	\$2,345.71	\$638.29	37.38%	\$1,815.76	\$1,815.76	\$0.00	0.00%	\$3,523.18	\$4,161.47	\$638.29	18.12%	
7,850	\$1,715.90	\$2,358.29	\$642.39	37.44%	\$1,827.40	\$1,827.40	\$0.00	0.00%	\$3,543.30	\$4,185.69	\$642.39	18.13%	
7,900	\$1,724.38	\$2,370.86	\$646.48	37.49%	\$1,839.04	\$1,839.04	\$0.00	0.00%	\$3,563.42	\$4,209.90	\$646.48	18.14%	
7,950	\$1,732.86	\$2,383.44	\$650.58	37.54%	\$1,850.68	\$1,850.68	\$0.00	0.00%	\$3,583.54	\$4,234.12	\$650.58	18.15%	
8,000	\$1,741.34	\$2,396.01	\$654.67	37.60%	\$1,862.32	\$1,862.32	\$0.00	0.00%	\$3,603.66	\$4,258.34	\$654.67	18.17%	
FY 22					FY 23						Difference	Change	
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.162100				\$0.233100			\$0.071	43.80%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003154				\$0.011967			\$0.009	279.38%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.219177				\$0.219177			\$0.000	0.00%	
Merchant Function Charge				\$0.007639				\$0.007639			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: Commercial / Government Tier 2
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$386.14	\$386.22	\$0.08	0.02%	\$0.00	\$0.00	\$0.00	0.00%	\$386.14	\$386.22	\$0.08	0.02%	
3	\$386.15	\$386.26	\$0.11	0.03%	\$0.69	\$0.69	\$0.00	0.00%	\$386.84	\$386.95	\$0.11	0.03%	
10	\$377.10	\$386.35	\$9.25	2.45%	\$2.29	\$2.29	\$0.00	0.00%	\$379.38	\$388.63	\$9.25	2.44%	
100	\$398.45	\$404.68	\$6.23	1.56%	\$22.88	\$22.88	\$0.00	0.00%	\$421.32	\$427.56	\$6.23	1.48%	
1,000	\$521.16	\$588.00	\$66.84	12.83%	\$228.79	\$228.79	\$0.00	0.00%	\$749.95	\$816.79	\$66.84	8.91%	
2,000	\$657.52	\$791.70	\$134.18	20.41%	\$457.58	\$457.58	\$0.00	0.00%	\$1,115.09	\$1,249.28	\$134.18	12.03%	
3,000	\$793.87	\$995.39	\$201.52	25.38%	\$686.36	\$686.36	\$0.00	0.00%	\$1,480.24	\$1,681.76	\$201.52	13.61%	
4,000	\$930.23	\$1,199.09	\$268.86	28.90%	\$915.15	\$915.15	\$0.00	0.00%	\$1,845.38	\$2,114.24	\$268.86	14.57%	
5,000	\$1,066.58	\$1,402.79	\$336.20	31.52%	\$1,143.94	\$1,143.94	\$0.00	0.00%	\$2,210.52	\$2,546.72	\$336.20	15.21%	
6,000	\$1,202.94	\$1,606.48	\$403.55	33.55%	\$1,372.73	\$1,372.73	\$0.00	0.00%	\$2,575.66	\$2,979.21	\$403.55	15.67%	
Average	6,938	\$1,330.78	\$1,797.47	\$466.69	35.07%	\$1,587.24	\$1,587.24	\$0.00	0.00%	\$2,918.03	\$3,384.71	\$466.69	15.99%
7,000	\$1,339.29	\$1,810.18	\$470.89	35.16%	\$1,601.51	\$1,601.51	\$0.00	0.00%	\$2,940.80	\$3,411.69	\$470.89	16.01%	
7,050	\$1,346.11	\$1,820.36	\$474.25	35.23%	\$1,612.95	\$1,612.95	\$0.00	0.00%	\$2,959.06	\$3,433.31	\$474.25	16.03%	
7,100	\$1,352.92	\$1,830.55	\$477.62	35.30%	\$1,624.39	\$1,624.39	\$0.00	0.00%	\$2,977.32	\$3,454.94	\$477.62	16.04%	
7,150	\$1,359.74	\$1,840.73	\$480.99	35.37%	\$1,635.83	\$1,635.83	\$0.00	0.00%	\$2,995.57	\$3,476.56	\$480.99	16.06%	
7,200	\$1,366.56	\$1,850.91	\$484.35	35.44%	\$1,647.27	\$1,647.27	\$0.00	0.00%	\$3,013.83	\$3,498.19	\$484.35	16.07%	
7,250	\$1,373.38	\$1,861.10	\$487.72	35.51%	\$1,658.71	\$1,658.71	\$0.00	0.00%	\$3,032.09	\$3,519.81	\$487.72	16.09%	
7,300	\$1,380.20	\$1,871.28	\$491.09	35.58%	\$1,670.15	\$1,670.15	\$0.00	0.00%	\$3,050.35	\$3,541.44	\$491.09	16.10%	
7,350	\$1,387.01	\$1,881.47	\$494.46	35.65%	\$1,681.59	\$1,681.59	\$0.00	0.00%	\$3,068.60	\$3,563.06	\$494.46	16.11%	
7,400	\$1,393.83	\$1,891.65	\$497.82	35.72%	\$1,693.03	\$1,693.03	\$0.00	0.00%	\$3,086.86	\$3,584.68	\$497.82	16.13%	
7,450	\$1,400.65	\$1,901.84	\$501.19	35.78%	\$1,704.47	\$1,704.47	\$0.00	0.00%	\$3,105.12	\$3,606.31	\$501.19	16.14%	
7,500	\$1,407.47	\$1,912.02	\$504.56	35.85%	\$1,715.91	\$1,715.91	\$0.00	0.00%	\$3,123.37	\$3,627.93	\$504.56	16.15%	
7,550	\$1,414.28	\$1,922.21	\$507.92	35.91%	\$1,727.35	\$1,727.35	\$0.00	0.00%	\$3,141.63	\$3,649.56	\$507.92	16.17%	
7,600	\$1,421.10	\$1,932.39	\$511.29	35.98%	\$1,738.79	\$1,738.79	\$0.00	0.00%	\$3,159.89	\$3,671.18	\$511.29	16.18%	
7,650	\$1,427.92	\$1,942.58	\$514.66	36.04%	\$1,750.23	\$1,750.23	\$0.00	0.00%	\$3,178.15	\$3,692.80	\$514.66	16.19%	
7,700	\$1,434.74	\$1,952.76	\$518.03	36.11%	\$1,761.67	\$1,761.67	\$0.00	0.00%	\$3,196.40	\$3,714.43	\$518.03	16.21%	
7,750	\$1,441.55	\$1,962.95	\$521.39	36.17%	\$1,773.11	\$1,773.11	\$0.00	0.00%	\$3,214.66	\$3,736.05	\$521.39	16.22%	
7,800	\$1,448.37	\$1,973.13	\$524.76	36.23%	\$1,784.54	\$1,784.54	\$0.00	0.00%	\$3,232.92	\$3,757.68	\$524.76	16.23%	
7,850	\$1,455.19	\$1,983.32	\$528.13	36.29%	\$1,795.98	\$1,795.98	\$0.00	0.00%	\$3,251.17	\$3,779.30	\$528.13	16.24%	
7,900	\$1,462.01	\$1,993.50	\$531.49	36.35%	\$1,807.42	\$1,807.42	\$0.00	0.00%	\$3,269.43	\$3,800.92	\$531.49	16.26%	
7,950	\$1,468.83	\$2,003.69	\$534.86	36.41%	\$1,818.86	\$1,818.86	\$0.00	0.00%	\$3,287.69	\$3,822.55	\$534.86	16.27%	
8,000	\$1,475.64	\$2,013.87	\$538.23	36.47%	\$1,830.30	\$1,830.30	\$0.00	0.00%	\$3,305.95	\$3,844.17	\$538.23	16.28%	
FY 22					FY 23						Difference	Change	
First 10 or Less			\$375.00				\$375.00				\$0.00	0.00%	
Over 10 Therms per Therm			\$0.129700				\$0.186500				\$0.057	43.79%	
Billing & Payment Processing			\$1.230000				\$1.310000				\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Revenue Decoupling Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit			\$0.000000				\$0.000000				\$0.000	0.00%	
Gas Safety and Reliability Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Tax Reform			\$0.000000				\$0.000000				\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit			\$0.000000				\$0.000000				\$0.000	0.00%	
Earning Adjustment Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
Newtown Creek Revenue Reconciliation			\$0.000000				\$0.000000				\$0.000	0.00%	
Demand Capacity Surcharge Mechanism			\$0.003154				\$0.011967				\$0.009	279.38%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms			\$0.000000				\$0.000000				\$0.000	0.00%	
Clean Energy Fund			\$0.000000				\$0.000000				\$0.000	0.00%	
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Monthly Cost of Gas			\$0.215277				\$0.215277				\$0.000	0.00%	
Merchant Function Charge			\$0.007639				\$0.007639				\$0.000	0.00%	
GRT on Delivery			2.407000%				2.407000%				\$0.000	0.00%	
GRT on Supply			2.407000%				2.407000%				\$0.000	0.00%	
MTA on Delivery			0.222000%				0.222000%				\$0.000	0.00%	
MTA on Supply			0.222000%				0.222000%				\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 Non Firm Demand Response: MultiFamily Tier 1
 Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$394.21	\$394.30	\$0.08	0.02%	\$0.00	\$0.00	\$0.00	0.00%	\$394.21	\$394.30	\$0.08	0.02%	
3	\$394.22	\$394.34	\$0.11	0.03%	\$0.70	\$0.70	\$0.00	0.00%	\$394.92	\$395.03	\$0.11	0.03%	
10	\$377.10	\$394.42	\$17.33	4.59%	\$2.33	\$2.33	\$0.00	0.00%	\$379.42	\$396.75	\$17.33	4.57%	
100	\$407.30	\$413.83	\$6.52	1.60%	\$23.28	\$23.28	\$0.00	0.00%	\$430.58	\$437.11	\$6.52	1.52%	
500	\$465.33	\$500.07	\$34.74	7.46%	\$116.40	\$116.40	\$0.00	0.00%	\$581.73	\$616.46	\$34.74	5.97%	
2,000	\$682.94	\$823.47	\$140.53	20.58%	\$465.58	\$465.58	\$0.00	0.00%	\$1,148.52	\$1,289.05	\$140.53	12.24%	
2,500	\$755.48	\$931.27	\$175.80	23.27%	\$581.98	\$581.98	\$0.00	0.00%	\$1,337.45	\$1,513.25	\$175.80	13.14%	
3,000	\$828.01	\$1,039.08	\$211.06	25.49%	\$698.37	\$698.37	\$0.00	0.00%	\$1,526.39	\$1,737.45	\$211.06	13.83%	
3,100	\$842.52	\$1,060.64	\$218.11	25.89%	\$721.65	\$721.65	\$0.00	0.00%	\$1,564.17	\$1,782.29	\$218.11	13.94%	
3,500	\$900.55	\$1,146.88	\$246.33	27.35%	\$814.77	\$814.77	\$0.00	0.00%	\$1,715.32	\$1,961.64	\$246.33	14.36%	
Average	3,855	\$952.10	\$1,223.48	\$271.39	28.50%	\$897.48	\$897.48	\$0.00	0.00%	\$1,849.57	\$2,120.96	\$271.39	14.67%
4,000	\$973.09	\$1,254.68	\$281.59	28.94%	\$931.16	\$931.16	\$0.00	0.00%	\$1,904.25	\$2,185.84	\$281.59	14.79%	
4,500	\$1,045.62	\$1,362.48	\$316.86	30.30%	\$1,047.56	\$1,047.56	\$0.00	0.00%	\$2,093.18	\$2,410.04	\$316.86	15.14%	
4,550	\$1,052.88	\$1,373.26	\$320.38	30.43%	\$1,059.20	\$1,059.20	\$0.00	0.00%	\$2,112.07	\$2,432.46	\$320.38	15.17%	
4,600	\$1,060.13	\$1,384.04	\$323.91	30.55%	\$1,070.84	\$1,070.84	\$0.00	0.00%	\$2,130.97	\$2,454.88	\$323.91	15.20%	
4,650	\$1,067.38	\$1,394.82	\$327.44	30.68%	\$1,082.47	\$1,082.47	\$0.00	0.00%	\$2,149.86	\$2,477.30	\$327.44	15.23%	
4,700	\$1,074.64	\$1,405.60	\$330.96	30.80%	\$1,094.11	\$1,094.11	\$0.00	0.00%	\$2,168.75	\$2,499.71	\$330.96	15.26%	
4,750	\$1,081.89	\$1,416.38	\$334.49	30.92%	\$1,105.75	\$1,105.75	\$0.00	0.00%	\$2,187.65	\$2,522.13	\$334.49	15.29%	
4,800	\$1,089.14	\$1,427.16	\$338.02	31.03%	\$1,117.39	\$1,117.39	\$0.00	0.00%	\$2,206.54	\$2,544.55	\$338.02	15.32%	
4,850	\$1,096.40	\$1,437.94	\$341.54	31.15%	\$1,129.03	\$1,129.03	\$0.00	0.00%	\$2,225.43	\$2,566.97	\$341.54	15.35%	
4,900	\$1,103.65	\$1,448.72	\$345.07	31.27%	\$1,140.67	\$1,140.67	\$0.00	0.00%	\$2,244.32	\$2,589.39	\$345.07	15.38%	
4,950	\$1,110.91	\$1,459.50	\$348.60	31.38%	\$1,152.31	\$1,152.31	\$0.00	0.00%	\$2,263.22	\$2,611.81	\$348.60	15.40%	
5,000	\$1,118.16	\$1,470.28	\$352.12	31.49%	\$1,163.95	\$1,163.95	\$0.00	0.00%	\$2,282.11	\$2,634.23	\$352.12	15.43%	
5,050	\$1,125.41	\$1,481.06	\$355.65	31.60%	\$1,175.59	\$1,175.59	\$0.00	0.00%	\$2,301.00	\$2,656.65	\$355.65	15.46%	
5,100	\$1,132.67	\$1,491.84	\$359.18	31.71%	\$1,187.23	\$1,187.23	\$0.00	0.00%	\$2,319.90	\$2,679.07	\$359.18	15.48%	
5,150	\$1,139.92	\$1,502.62	\$362.70	31.82%	\$1,198.87	\$1,198.87	\$0.00	0.00%	\$2,338.79	\$2,701.49	\$362.70	15.51%	
5,200	\$1,147.17	\$1,513.40	\$366.23	31.92%	\$1,210.51	\$1,210.51	\$0.00	0.00%	\$2,357.68	\$2,723.91	\$366.23	15.53%	
5,250	\$1,154.43	\$1,524.18	\$369.75	32.03%	\$1,222.15	\$1,222.15	\$0.00	0.00%	\$2,376.58	\$2,746.33	\$369.75	15.56%	
5,300	\$1,161.68	\$1,534.96	\$373.28	32.13%	\$1,233.79	\$1,233.79	\$0.00	0.00%	\$2,395.47	\$2,768.75	\$373.28	15.58%	
5,350	\$1,168.93	\$1,545.74	\$376.81	32.24%	\$1,245.43	\$1,245.43	\$0.00	0.00%	\$2,414.36	\$2,791.17	\$376.81	15.61%	
5,400	\$1,176.19	\$1,556.52	\$380.33	32.34%	\$1,257.07	\$1,257.07	\$0.00	0.00%	\$2,433.26	\$2,813.59	\$380.33	15.63%	
5,450	\$1,183.44	\$1,567.30	\$383.86	32.44%	\$1,268.71	\$1,268.71	\$0.00	0.00%	\$2,452.15	\$2,836.01	\$383.86	15.65%	
FY 22					FY 23						Difference	Change	
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.135300				\$0.193800			\$0.059	43.24%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003154				\$0.011967			\$0.009	279.38%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.219177				\$0.219177			\$0.000	0.00%	
Merchant Function Charge				\$0.007639				\$0.007639			\$0.000	0.00%	
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: MultiFamily Tier 2
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$394.21	\$394.30	\$0.08	0.02%	\$0.00	\$0.00	\$0.00	0.00%	\$394.21	\$394.30	\$0.08	0.02%	
3	\$394.22	\$394.34	\$0.11	0.03%	\$0.69	\$0.69	\$0.00	0.00%	\$394.91	\$395.02	\$0.11	0.03%	
10	\$377.10	\$394.42	\$17.33	4.59%	\$2.29	\$2.29	\$0.00	0.00%	\$379.38	\$396.71	\$17.33	4.57%	
100	\$404.75	\$410.18	\$5.43	1.34%	\$22.88	\$22.88	\$0.00	0.00%	\$427.63	\$433.06	\$5.43	1.27%	
500	\$451.42	\$480.20	\$28.78	6.38%	\$114.39	\$114.39	\$0.00	0.00%	\$565.81	\$594.59	\$28.78	5.09%	
2,000	\$626.43	\$742.78	\$116.34	18.57%	\$457.58	\$457.58	\$0.00	0.00%	\$1,084.01	\$1,200.35	\$116.34	10.73%	
2,500	\$684.77	\$830.31	\$145.53	21.25%	\$571.97	\$571.97	\$0.00	0.00%	\$1,256.74	\$1,402.27	\$145.53	11.58%	
3,000	\$743.11	\$917.83	\$174.72	23.51%	\$686.36	\$686.36	\$0.00	0.00%	\$1,429.48	\$1,604.19	\$174.72	12.22%	
3,100	\$754.78	\$935.34	\$180.56	23.92%	\$709.24	\$709.24	\$0.00	0.00%	\$1,464.02	\$1,644.58	\$180.56	12.33%	
3,500	\$801.45	\$1,005.36	\$203.91	25.44%	\$800.76	\$800.76	\$0.00	0.00%	\$1,602.21	\$1,806.12	\$203.91	12.73%	
Average	3,855	\$842.91	\$1,067.56	\$224.65	26.65%	\$882.05	\$882.05	\$0.00	0.00%	\$1,724.95	\$1,949.60	\$224.65	13.02%
4,000	\$859.79	\$1,092.88	\$233.10	27.11%	\$915.15	\$915.15	\$0.00	0.00%	\$1,774.94	\$2,008.04	\$233.10	13.13%	
4,500	\$918.13	\$1,180.41	\$262.28	28.57%	\$1,029.54	\$1,029.54	\$0.00	0.00%	\$1,947.67	\$2,209.96	\$262.28	13.47%	
4,550	\$923.96	\$1,189.16	\$265.20	28.70%	\$1,040.98	\$1,040.98	\$0.00	0.00%	\$1,964.95	\$2,230.15	\$265.20	13.50%	
4,600	\$929.80	\$1,197.92	\$268.12	28.84%	\$1,052.42	\$1,052.42	\$0.00	0.00%	\$1,982.22	\$2,230.34	\$268.12	13.53%	
4,650	\$935.63	\$1,206.67	\$271.04	28.97%	\$1,063.86	\$1,063.86	\$0.00	0.00%	\$1,999.49	\$2,270.53	\$271.04	13.56%	
4,700	\$941.46	\$1,215.42	\$273.96	29.10%	\$1,075.30	\$1,075.30	\$0.00	0.00%	\$2,016.77	\$2,290.72	\$273.96	13.58%	
4,750	\$947.30	\$1,224.17	\$276.88	29.23%	\$1,086.74	\$1,086.74	\$0.00	0.00%	\$2,034.04	\$2,310.92	\$276.88	13.61%	
4,800	\$953.13	\$1,232.93	\$279.80	29.36%	\$1,098.18	\$1,098.18	\$0.00	0.00%	\$2,051.31	\$2,331.11	\$279.80	13.64%	
4,850	\$958.96	\$1,241.68	\$282.71	29.48%	\$1,109.62	\$1,109.62	\$0.00	0.00%	\$2,068.59	\$2,351.30	\$282.71	13.67%	
4,900	\$964.80	\$1,250.43	\$285.63	29.61%	\$1,121.06	\$1,121.06	\$0.00	0.00%	\$2,085.86	\$2,371.49	\$285.63	13.69%	
4,950	\$970.63	\$1,259.18	\$288.55	29.73%	\$1,132.50	\$1,132.50	\$0.00	0.00%	\$2,103.13	\$2,391.68	\$288.55	13.72%	
5,000	\$976.47	\$1,267.94	\$291.47	29.85%	\$1,143.94	\$1,143.94	\$0.00	0.00%	\$2,120.41	\$2,411.88	\$291.47	13.75%	
5,050	\$982.30	\$1,276.69	\$294.39	29.97%	\$1,155.38	\$1,155.38	\$0.00	0.00%	\$2,137.68	\$2,432.07	\$294.39	13.77%	
5,100	\$988.13	\$1,285.44	\$297.31	30.09%	\$1,166.82	\$1,166.82	\$0.00	0.00%	\$2,154.95	\$2,452.26	\$297.31	13.80%	
5,150	\$993.97	\$1,294.20	\$300.23	30.20%	\$1,178.26	\$1,178.26	\$0.00	0.00%	\$2,172.22	\$2,472.45	\$300.23	13.82%	
5,200	\$999.80	\$1,302.95	\$303.15	30.32%	\$1,189.70	\$1,189.70	\$0.00	0.00%	\$2,189.50	\$2,492.64	\$303.15	13.85%	
5,250	\$1,005.64	\$1,311.70	\$306.07	30.43%	\$1,201.14	\$1,201.14	\$0.00	0.00%	\$2,206.77	\$2,512.84	\$306.07	13.87%	
5,300	\$1,011.47	\$1,320.45	\$308.98	30.55%	\$1,212.58	\$1,212.58	\$0.00	0.00%	\$2,224.04	\$2,533.03	\$308.98	13.89%	
5,350	\$1,017.30	\$1,329.21	\$311.90	30.66%	\$1,224.01	\$1,224.01	\$0.00	0.00%	\$2,241.32	\$2,553.22	\$311.90	13.92%	
5,400	\$1,023.14	\$1,337.96	\$314.82	30.77%	\$1,235.45	\$1,235.45	\$0.00	0.00%	\$2,258.59	\$2,573.41	\$314.82	13.94%	
5,450	\$1,028.97	\$1,346.71	\$317.74	30.88%	\$1,246.89	\$1,246.89	\$0.00	0.00%	\$2,275.86	\$2,593.60	\$317.74	13.96%	
FY 22					FY 23						Difference	Change	
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.108200				\$0.155100			\$0.047	43.35%	
Billing & Payment Processing				\$1.230000				\$1.310000			\$0.080	6.50%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.003154				\$0.011967			\$0.009	279.38%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.215277				\$0.215277			\$0.000	0.00%	
Merchant Function Charge				\$0.007639				\$0.007639			\$0.000	0.00%	
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
 Monthly Bill Comparison Table
 SC 1A - Residential Non Heat
 Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$18.40	\$18.40	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$18.40	\$18.40	\$0.00	0.00%	
1	\$18.42	\$18.62	\$0.20	1.09%	\$0.41	\$0.41	\$0.00	0.00%	\$18.84	\$19.04	\$0.20	1.06%	
2	\$18.45	\$18.85	\$0.40	2.17%	\$0.83	\$0.83	\$0.00	0.00%	\$19.27	\$19.67	\$0.40	2.08%	
3	\$18.47	\$19.07	\$0.60	3.25%	\$1.24	\$1.24	\$0.00	0.00%	\$19.71	\$20.31	\$0.60	3.04%	
6	\$24.97	\$26.87	\$1.90	7.62%	\$2.48	\$2.48	\$0.00	0.00%	\$27.45	\$29.35	\$1.90	6.93%	
8	\$29.30	\$32.07	\$2.77	9.46%	\$3.31	\$3.31	\$0.00	0.00%	\$32.60	\$35.37	\$2.77	8.50%	
Average	9	\$31.46	\$34.67	\$3.20	10.18%	\$3.72	\$3.72	\$0.00	0.00%	\$35.18	\$38.39	\$3.20	9.11%
	10	\$33.63	\$37.27	\$3.64	10.82%	\$4.13	\$4.13	\$0.00	0.00%	\$37.76	\$41.40	\$3.64	9.63%
	15	\$44.46	\$50.27	\$5.81	13.07%	\$6.20	\$6.20	\$0.00	0.00%	\$50.66	\$56.46	\$5.81	11.47%
	20	\$55.29	\$63.26	\$7.98	14.43%	\$8.26	\$8.26	\$0.00	0.00%	\$63.55	\$71.53	\$7.98	12.55%
	25	\$66.11	\$76.26	\$10.15	15.35%	\$10.33	\$10.33	\$0.00	0.00%	\$76.44	\$86.59	\$10.15	13.28%
	30	\$76.94	\$89.26	\$12.32	16.01%	\$12.40	\$12.40	\$0.00	0.00%	\$89.34	\$101.66	\$12.32	13.79%
	35	\$87.77	\$102.26	\$14.49	16.51%	\$14.46	\$14.46	\$0.00	0.00%	\$102.23	\$116.72	\$14.49	14.17%
	40	\$98.60	\$115.26	\$16.66	16.90%	\$16.53	\$16.53	\$0.00	0.00%	\$115.13	\$131.79	\$16.66	14.47%
	45	\$109.43	\$128.26	\$18.83	17.21%	\$18.59	\$18.59	\$0.00	0.00%	\$128.02	\$146.85	\$18.83	14.71%
	50	\$120.26	\$141.26	\$21.00	17.46%	\$20.66	\$20.66	\$0.00	0.00%	\$140.92	\$161.92	\$21.00	14.90%
	55	\$125.39	\$147.93	\$22.55	17.98%	\$22.73	\$22.73	\$0.00	0.00%	\$148.11	\$170.66	\$22.55	15.22%
	60	\$130.52	\$154.61	\$24.09	18.46%	\$24.79	\$24.79	\$0.00	0.00%	\$155.31	\$179.40	\$24.09	15.51%
	65	\$135.64	\$161.29	\$25.64	18.90%	\$26.86	\$26.86	\$0.00	0.00%	\$162.50	\$188.14	\$25.64	15.78%
	70	\$140.77	\$167.96	\$27.19	19.31%	\$28.92	\$28.92	\$0.00	0.00%	\$169.70	\$196.89	\$27.19	16.02%
	75	\$145.90	\$174.64	\$28.74	19.70%	\$30.99	\$30.99	\$0.00	0.00%	\$176.89	\$205.63	\$28.74	16.24%
	80	\$151.03	\$181.32	\$30.28	20.05%	\$33.06	\$33.06	\$0.00	0.00%	\$184.09	\$214.37	\$30.28	16.45%
	85	\$156.16	\$187.99	\$31.83	20.38%	\$35.12	\$35.12	\$0.00	0.00%	\$191.28	\$223.11	\$31.83	16.64%
	90	\$161.29	\$194.67	\$33.38	20.69%	\$37.19	\$37.19	\$0.00	0.00%	\$198.48	\$231.86	\$33.38	16.82%
	95	\$166.42	\$201.35	\$34.93	20.99%	\$39.25	\$39.25	\$0.00	0.00%	\$205.68	\$240.60	\$34.93	16.98%
	100	\$171.55	\$208.02	\$36.47	21.26%	\$41.32	\$41.32	\$0.00	0.00%	\$212.87	\$249.34	\$36.47	17.13%
	125	\$197.20	\$241.41	\$44.21	22.42%	\$51.65	\$51.65	\$0.00	0.00%	\$248.85	\$293.06	\$44.21	17.77%
	150	\$222.85	\$274.79	\$51.95	23.31%	\$61.98	\$61.98	\$0.00	0.00%	\$284.82	\$336.77	\$51.95	18.24%
	175	\$248.49	\$308.17	\$59.68	24.02%	\$72.31	\$72.31	\$0.00	0.00%	\$320.80	\$380.48	\$59.68	18.60%
	200	\$274.14	\$341.56	\$67.42	24.59%	\$82.64	\$82.64	\$0.00	0.00%	\$356.78	\$424.20	\$67.42	18.90%
	225	\$299.79	\$374.94	\$75.15	25.07%	\$92.97	\$92.97	\$0.00	0.00%	\$392.76	\$467.91	\$75.15	19.14%
	250	\$325.44	\$408.33	\$82.89	25.47%	\$103.30	\$103.30	\$0.00	0.00%	\$428.73	\$511.62	\$82.89	19.33%
	275	\$351.08	\$441.71	\$90.63	25.81%	\$113.63	\$113.63	\$0.00	0.00%	\$464.71	\$555.34	\$90.63	19.50%
	300	\$376.73	\$475.09	\$98.36	26.11%	\$123.96	\$123.96	\$0.00	0.00%	\$500.69	\$599.05	\$98.36	19.65%
	350	\$428.02	\$541.86	\$113.84	26.60%	\$144.62	\$144.62	\$0.00	0.00%	\$572.64	\$686.48	\$113.84	19.88%
	400	\$479.32	\$608.63	\$129.31	26.98%	\$165.28	\$165.28	\$0.00	0.00%	\$644.60	\$773.91	\$129.31	20.06%
	450	\$530.61	\$675.40	\$144.78	27.29%	\$185.94	\$185.94	\$0.00	0.00%	\$716.55	\$861.33	\$144.78	20.21%
	500	\$581.91	\$742.16	\$160.25	27.54%	\$206.60	\$206.60	\$0.00	0.00%	\$788.51	\$948.76	\$160.25	20.32%
	600	\$684.50	\$875.70	\$191.20	27.93%	\$247.92	\$247.92	\$0.00	0.00%	\$932.41	\$1,123.61	\$191.20	20.51%
	700	\$787.09	\$1,009.23	\$222.15	28.22%	\$289.24	\$289.24	\$0.00	0.00%	\$1,076.32	\$1,298.47	\$222.15	20.64%
	850	\$940.97	\$1,209.54	\$268.56	28.54%	\$351.21	\$351.21	\$0.00	0.00%	\$1,292.19	\$1,560.75	\$268.56	20.78%
	1,000	\$1,094.86	\$1,409.84	\$314.98	28.77%	\$413.19	\$413.19	\$0.00	0.00%	\$1,508.05	\$1,823.03	\$314.98	20.89%
	1,250	\$1,351.33	\$1,743.68	\$392.35	29.03%	\$516.49	\$516.49	\$0.00	0.00%	\$1,867.82	\$2,260.17	\$392.35	21.01%
	1,500	\$1,607.80	\$2,077.51	\$469.71	29.21%	\$619.79	\$619.79	\$0.00	0.00%	\$2,227.59	\$2,697.30	\$469.71	21.09%
	1,750	\$1,864.28	\$2,411.35	\$547.07	29.35%	\$723.09	\$723.09	\$0.00	0.00%	\$2,587.37	\$3,134.44	\$547.07	21.14%
	2,000	\$2,120.75	\$2,745.19	\$624.44	29.44%	\$826.39	\$826.39	\$0.00	0.00%	\$2,947.14	\$3,571.57	\$624.44	21.19%
	3,000	\$3,146.65	\$4,080.54	\$933.89	29.68%	\$1,239.58	\$1,239.58	\$0.00	0.00%	\$4,386.23	\$5,320.12	\$933.89	21.29%
	5,000	\$5,198.43	\$6,751.24	\$1,552.80	29.87%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$7,264.40	\$8,817.20	\$1,552.80	21.38%
	10,000	\$10,327.91	\$13,427.99	\$3,100.08	30.02%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$14,459.84	\$17,559.92	\$3,100.08	21.44%
	15,000	\$15,457.38	\$20,104.73	\$4,647.35	30.07%	\$6,197.90	\$6,197.90	\$0.00	0.00%	\$21,655.28	\$26,302.63	\$4,647.35	21.46%
	20,000	\$20,586.85	\$26,781.48	\$6,194.63	30.09%	\$8,263.87	\$8,263.87	\$0.00	0.00%	\$28,850.72	\$35,045.35	\$6,194.63	21.47%

FY 23	Stayout Period	Difference	Change
First 3 or Less		\$16.25	\$16.25
Next 47 Therms per Therm		\$2.044800	\$2.268200
Over 50 Therms per Therm		\$0.957000	\$1.061500
Billing & Payment Processing		\$1.310000	\$1.310000
Delivery Rate Adjustment			
Site Investigation & Remediation Surcharge		\$0.000000	\$0.000000
Revenue Decoupling Mechanism		\$0.000000	\$0.000000
Electric Generator Revenue		\$0.000000	\$0.000000
TC/IT Revenue Surcharge / Credit		\$0.000000	\$0.000000
Gas Safety and Reliability Surcharge		\$0.000000	\$0.000000
Tax Reform		\$0.000000	\$0.000000
NY Facilities System Surcharge / Surcredit		\$0.000000	\$0.000000
Earning Adjustment Mechanism		\$0.000000	\$0.000000
Newtown Creek Revenue Reconciliation		\$0.000000	\$0.000000
Non Labor Demand Response O&M Cost		\$0.000605	\$0.000694
Demand Capacity Surcharge Mechanism		\$0.021488	\$0.045483
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms		\$0.000000	\$0.166754
Clean Energy Fund		\$0.000000	\$0.000000
Energy Efficiency Surcharge		\$0.000000	\$0.000000
Monthly Cost of Gas		\$0.390734	\$0.390734
Merchant Function Charge		\$0.011854	\$0.011854
GRT on Delivery		4.548000%	4.548000%
GRT on Supply		2.407000%	2.407000%
MTA on Delivery		0.222000%	0.222000%
MTA on Supply		0.222000%	0.222000%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1AR - Residential Non Heat Reduced Rate (Tier 1)
Rate Year Three (FY 23) vs.Stayout Period

Therm Usage	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
0	\$15.26	\$15.26	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$15.26	\$15.26	\$0.00	0.00%
1	\$15.28	\$15.48	\$0.20	1.31%	\$0.41	\$0.41	\$0.00	0.00%	\$15.69	\$15.89	\$0.20	1.27%
2	\$15.30	\$15.70	\$0.40	2.61%	\$0.83	\$0.83	\$0.00	0.00%	\$16.13	\$16.53	\$0.40	2.48%
3	\$15.33	\$15.93	\$0.60	3.91%	\$1.24	\$1.24	\$0.00	0.00%	\$16.57	\$17.16	\$0.60	3.62%
6	\$21.82	\$23.72	\$1.90	8.72%	\$2.48	\$2.48	\$0.00	0.00%	\$24.30	\$26.20	\$1.90	7.83%
Average	\$23.99	\$26.32	\$2.34	9.74%	\$2.89	\$2.89	\$0.00	0.00%	\$26.88	\$29.22	\$2.34	8.69%
8	\$26.15	\$28.92	\$2.77	10.59%	\$3.31	\$3.31	\$0.00	0.00%	\$29.46	\$32.23	\$2.77	9.40%
10	\$30.49	\$34.12	\$3.64	11.93%	\$4.13	\$4.13	\$0.00	0.00%	\$34.62	\$38.26	\$3.64	10.51%
15	\$41.31	\$47.12	\$5.81	14.06%	\$6.20	\$6.20	\$0.00	0.00%	\$47.51	\$53.32	\$5.81	12.23%
20	\$52.14	\$60.12	\$7.98	15.30%	\$8.26	\$8.26	\$0.00	0.00%	\$60.41	\$68.38	\$7.98	13.21%
25	\$62.97	\$73.12	\$10.15	16.12%	\$10.33	\$10.33	\$0.00	0.00%	\$73.30	\$83.45	\$10.15	13.85%
30	\$73.80	\$86.12	\$12.32	16.69%	\$12.40	\$12.40	\$0.00	0.00%	\$86.19	\$98.51	\$12.32	14.29%
35	\$84.63	\$99.12	\$14.49	17.12%	\$14.46	\$14.46	\$0.00	0.00%	\$99.09	\$113.58	\$14.49	14.62%
40	\$95.46	\$112.12	\$16.66	17.45%	\$16.53	\$16.53	\$0.00	0.00%	\$111.98	\$128.64	\$16.66	14.88%
45	\$106.28	\$125.11	\$18.83	17.72%	\$18.59	\$18.59	\$0.00	0.00%	\$124.88	\$143.71	\$18.83	15.08%
50	\$117.11	\$138.11	\$21.00	17.93%	\$20.66	\$20.66	\$0.00	0.00%	\$137.77	\$158.77	\$21.00	15.24%
55	\$122.24	\$144.79	\$22.55	18.44%	\$22.73	\$22.73	\$0.00	0.00%	\$144.97	\$167.52	\$22.55	15.55%
60	\$127.37	\$151.47	\$24.09	18.92%	\$24.79	\$24.79	\$0.00	0.00%	\$152.16	\$176.26	\$24.09	15.83%
65	\$132.50	\$158.14	\$25.64	19.35%	\$26.86	\$26.86	\$0.00	0.00%	\$159.36	\$185.00	\$25.64	16.09%
70	\$137.63	\$164.82	\$27.19	19.75%	\$28.92	\$28.92	\$0.00	0.00%	\$166.55	\$193.74	\$27.19	16.32%
75	\$142.76	\$171.50	\$28.74	20.13%	\$30.99	\$30.99	\$0.00	0.00%	\$173.75	\$202.49	\$28.74	16.54%
80	\$147.89	\$178.17	\$30.28	20.48%	\$33.06	\$33.06	\$0.00	0.00%	\$180.95	\$211.23	\$30.28	16.74%
85	\$153.02	\$184.85	\$31.83	20.80%	\$35.12	\$35.12	\$0.00	0.00%	\$188.14	\$219.97	\$31.83	16.92%
90	\$158.15	\$191.53	\$33.38	21.11%	\$37.19	\$37.19	\$0.00	0.00%	\$195.34	\$228.71	\$33.38	17.09%
95	\$163.28	\$198.20	\$34.93	21.39%	\$39.25	\$39.25	\$0.00	0.00%	\$202.53	\$237.46	\$34.93	17.24%
100	\$168.41	\$204.88	\$36.47	21.66%	\$41.32	\$41.32	\$0.00	0.00%	\$209.73	\$246.20	\$36.47	17.39%
125	\$194.06	\$238.26	\$44.21	22.78%	\$51.65	\$51.65	\$0.00	0.00%	\$245.70	\$289.91	\$44.21	17.99%
150	\$219.70	\$271.65	\$51.95	23.64%	\$61.98	\$61.98	\$0.00	0.00%	\$281.68	\$333.63	\$51.95	18.44%
175	\$245.35	\$305.03	\$59.68	24.33%	\$72.31	\$72.31	\$0.00	0.00%	\$317.66	\$377.34	\$59.68	18.79%
200	\$271.00	\$338.42	\$67.42	24.88%	\$82.64	\$82.64	\$0.00	0.00%	\$353.64	\$421.05	\$67.42	19.06%
225	\$296.64	\$371.80	\$75.15	25.33%	\$92.97	\$92.97	\$0.00	0.00%	\$389.61	\$464.77	\$75.15	19.29%
250	\$322.29	\$405.18	\$82.89	25.72%	\$103.30	\$103.30	\$0.00	0.00%	\$425.59	\$508.48	\$82.89	19.48%
275	\$347.94	\$438.57	\$90.63	26.05%	\$113.63	\$113.63	\$0.00	0.00%	\$461.57	\$552.19	\$90.63	19.63%
300	\$373.59	\$471.95	\$98.36	26.33%	\$123.96	\$123.96	\$0.00	0.00%	\$497.54	\$595.91	\$98.36	19.77%
350	\$424.88	\$538.72	\$113.84	26.79%	\$144.62	\$144.62	\$0.00	0.00%	\$569.50	\$683.34	\$113.84	19.99%
400	\$476.18	\$605.49	\$129.31	27.16%	\$165.28	\$165.28	\$0.00	0.00%	\$641.45	\$770.76	\$129.31	20.16%
450	\$527.47	\$672.25	\$144.78	27.45%	\$185.94	\$185.94	\$0.00	0.00%	\$713.41	\$858.19	\$144.78	20.29%
500	\$578.77	\$739.02	\$160.25	27.69%	\$206.60	\$206.60	\$0.00	0.00%	\$785.36	\$945.62	\$160.25	20.41%
600	\$681.36	\$872.55	\$191.20	28.06%	\$247.92	\$247.92	\$0.00	0.00%	\$929.27	\$1,120.47	\$191.20	20.58%
700	\$783.94	\$1,006.09	\$222.15	28.34%	\$289.24	\$289.24	\$0.00	0.00%	\$1,073.18	\$1,295.33	\$222.15	20.70%
850	\$937.83	\$1,206.39	\$268.56	28.64%	\$351.21	\$351.21	\$0.00	0.00%	\$1,289.04	\$1,557.61	\$268.56	20.83%
1,000	\$1,091.71	\$1,406.69	\$314.98	28.85%	\$413.19	\$413.19	\$0.00	0.00%	\$1,504.91	\$1,819.89	\$314.98	20.93%
1,250	\$1,348.19	\$1,740.53	\$392.35	29.10%	\$516.49	\$516.49	\$0.00	0.00%	\$1,864.68	\$2,257.02	\$392.35	21.04%
1,500	\$1,604.66	\$2,074.37	\$469.71	29.27%	\$619.79	\$619.79	\$0.00	0.00%	\$2,224.45	\$2,694.16	\$469.71	21.12%
1,750	\$1,861.13	\$2,408.21	\$547.07	29.39%	\$723.09	\$723.09	\$0.00	0.00%	\$2,584.22	\$3,131.30	\$547.07	21.17%
2,000	\$2,117.61	\$2,742.04	\$624.44	29.49%	\$826.39	\$826.39	\$0.00	0.00%	\$2,943.99	\$3,568.43	\$624.44	21.21%
3,000	\$3,143.50	\$4,077.39	\$933.89	29.71%	\$1,239.58	\$1,239.58	\$0.00	0.00%	\$4,383.08	\$5,316.97	\$933.89	21.31%
FY 23				Stayout Period				Difference		Change		
First 3 or Less	\$13.25				\$13.25				\$0.00		0.00%	
Next 47 Therms per Therm	\$2.044800				\$2.268200				\$0.223		10.93%	
Over 50 Therms per Therm	\$0.957000				\$1.061500				\$0.105		10.92%	
Billing & Payment Processing	\$1.310000				\$1.310000				\$0.000		0.00%	
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge	\$0.000000				\$0.000000				\$0.000		0.00%	
Revenue Decoupling Mechanism	\$0.000000				\$0.000000				\$0.000		0.00%	
Electric Generator Revenue	\$0.000000				\$0.000000				\$0.000		0.00%	
TC/IT Revenue Surcharge / Credit	\$0.000000				\$0.000000				\$0.000		0.00%	
Gas Safety and Reliability Surcharge	\$0.000000				\$0.000000				\$0.000		0.00%	
Tax Reform	\$0.000000				\$0.000000				\$0.000		0.00%	
NY Facilities System Surcharge / Surcredit	\$0.000000				\$0.000000				\$0.000		0.00%	
Earning Adjustment Mechanism	\$0.000000				\$0.000000				\$0.000		0.00%	
Newtown Creek Revenue Reconciliation	\$0.000000				\$0.000000				\$0.000		0.00%	
Non Labor Demand Response O&M Cost	\$0.000605				\$0.000694				\$0.000		14.57%	
Demand Capacity Surcharge Mechanism	\$0.021488				\$0.045483				\$0.024		111.67%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000				\$0.166754				\$0.167		0.00%	
Clean Energy Fund	\$0.000000				\$0.000000				\$0.000		0.00%	
Energy Efficiency Surcharge	\$0.000000				\$0.000000				\$0.000		0.00%	
Monthly Cost of Gas	\$0.390734				\$0.390734				\$0.000		0.00%	
Merchant Function Charge	\$0.011854				\$0.011854				\$0.000		0.00%	
GRT on Delivery	4.548000%				4.548000%				\$0.000		0.00%	
GRT on Supply	2.407000%				2.407000%				\$0.000		0.00%	
MTA on Delivery	0.222000%				0.222000%				\$0.000		0.00%	
MTA on Supply	0.222000%				0.222000%				\$0.000		0.00%	

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.
In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are six Energy Affordability Credit tiers.
The Heating customers Tiers : Tier 1: \$35.00, Tier 2: \$57.00, Tier 3: \$78.00, Tier 4: \$64.00, Tier 5: \$35.00, Tier 6: \$35.00
The Non-Heating customers Tiers : Tier 1-Tier 6: \$3

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1B-DG - Residential Heat Distributed Generation
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$35.88	\$35.88	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$35.88	\$35.88	\$0.00	0.00%	
3	\$35.96	\$36.16	\$0.20	0.55%	\$1.24	\$1.24	\$0.00	0.00%	\$37.20	\$37.40	\$0.20	0.53%	
10	\$37.55	\$38.33	\$0.78	2.07%	\$4.13	\$4.13	\$0.00	0.00%	\$41.69	\$42.46	\$0.78	1.86%	
15	\$38.69	\$39.88	\$1.19	3.07%	\$6.20	\$6.20	\$0.00	0.00%	\$44.89	\$46.08	\$1.19	2.65%	
20	\$39.83	\$41.44	\$1.60	4.02%	\$8.26	\$8.26	\$0.00	0.00%	\$48.10	\$49.70	\$1.60	3.33%	
30	\$42.12	\$44.54	\$2.43	5.76%	\$12.40	\$12.40	\$0.00	0.00%	\$54.51	\$56.94	\$2.43	4.45%	
40	\$44.40	\$47.65	\$3.25	7.33%	\$16.53	\$16.53	\$0.00	0.00%	\$60.92	\$64.18	\$3.25	5.34%	
50	\$46.68	\$50.76	\$4.08	8.74%	\$20.66	\$20.66	\$0.00	0.00%	\$67.34	\$71.42	\$4.08	6.06%	
75	\$52.38	\$58.52	\$6.14	11.73%	\$30.99	\$30.99	\$0.00	0.00%	\$83.37	\$89.51	\$6.14	7.37%	
100	\$58.08	\$66.29	\$8.21	14.13%	\$41.32	\$41.32	\$0.00	0.00%	\$99.40	\$107.61	\$8.21	8.26%	
150	\$69.49	\$81.82	\$12.33	17.75%	\$61.98	\$61.98	\$0.00	0.00%	\$131.47	\$143.80	\$12.33	9.38%	
Average	199	\$80.66	\$97.04	\$16.38	20.31%	\$82.23	\$82.23	\$0.00	0.00%	\$162.89	\$179.27	\$16.38	10.06%
200	\$80.89	\$97.35	\$16.46	20.35%	\$82.64	\$82.64	\$0.00	0.00%	\$163.53	\$179.99	\$16.46	10.07%	
250	\$92.30	\$112.89	\$20.59	22.31%	\$103.30	\$103.30	\$0.00	0.00%	\$195.59	\$216.18	\$20.59	10.53%	
300	\$103.70	\$128.42	\$24.72	23.84%	\$123.96	\$123.96	\$0.00	0.00%	\$227.66	\$252.38	\$24.72	10.86%	
350	\$115.10	\$143.95	\$28.85	25.06%	\$144.62	\$144.62	\$0.00	0.00%	\$259.72	\$288.57	\$28.85	11.11%	
400	\$126.51	\$159.48	\$32.97	26.07%	\$165.28	\$165.28	\$0.00	0.00%	\$291.79	\$324.76	\$32.97	11.30%	
450	\$137.91	\$175.02	\$37.10	26.90%	\$185.94	\$185.94	\$0.00	0.00%	\$323.85	\$360.95	\$37.10	11.46%	
500	\$149.32	\$190.55	\$41.23	27.61%	\$206.60	\$206.60	\$0.00	0.00%	\$355.91	\$397.14	\$41.23	11.58%	
550	\$160.72	\$206.08	\$45.36	28.22%	\$227.26	\$227.26	\$0.00	0.00%	\$387.98	\$433.34	\$45.36	11.69%	
600	\$172.13	\$221.61	\$49.49	28.75%	\$247.92	\$247.92	\$0.00	0.00%	\$420.04	\$469.53	\$49.49	11.78%	
650	\$183.53	\$237.14	\$53.61	29.21%	\$268.58	\$268.58	\$0.00	0.00%	\$452.11	\$505.72	\$53.61	11.86%	
700	\$194.93	\$252.68	\$57.74	29.62%	\$289.24	\$289.24	\$0.00	0.00%	\$484.17	\$541.91	\$57.74	11.93%	

FY 23	Stayout Period	Difference	Change
First 3 or Less	\$32.93	\$32.93	\$0.00 0.00%
Over 3 Therms per Therm	\$0.192000	\$0.207600	\$0.016 8.13%
Billing & Payment Processing	\$1.310000	\$1.310000	\$0.000 0.00%
Delivery Rate Adjustment			
Site Investigation & Remediation Surcharge	\$0.000000	\$0.000000	\$0.000 0.00%
Revenue Decoupling Mechanism	\$0.000000	\$0.000000	\$0.000 0.00%
Electric Generator Revenue	\$0.000000	\$0.000000	\$0.000 0.00%
TC/IT Revenue Surcharge / Credit	\$0.000000	\$0.000000	\$0.000 0.00%
Gas Safety and Reliability Surcharge	\$0.000000	\$0.000000	\$0.000 0.00%
Tax Reform	\$0.000000	\$0.000000	\$0.000 0.00%
NY Facilities System Surcharge / Surcredit	\$0.000000	\$0.000000	\$0.000 0.00%
Earning Adjustment Mechanism	\$0.000000	\$0.000000	\$0.000 0.00%
Newtown Creek Revenue Reconciliation	\$0.000000	\$0.000000	\$0.000 0.00%
Non Labor Demand Response O&M Cost	\$0.001019	\$0.001146	\$0.000 12.42%
Demand Capacity Surcharge Mechanism	\$0.024663	\$0.051538	\$0.027 108.97%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000	\$0.036191	\$0.036 0.00%
Clean Energy Fund	\$0.000000	\$0.000000	\$0.000 0.00%
Energy Efficiency Surcharge	\$0.000000	\$0.000000	\$0.000 0.00%
Monthly Cost of Gas	\$0.390734	\$0.390734	\$0.000 0.00%
Merchant Function Charge	\$0.011854	\$0.011854	\$0.000 0.00%
GRT on Delivery	4.548000%	4.548000%	\$0.000 0.00%
GRT on Supply	2.407000%	2.407000%	\$0.000 0.00%
MTA on Delivery	0.222000%	0.222000%	\$0.000 0.00%
MTA on Supply	0.222000%	0.222000%	\$0.000 0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1 BR - Residential Heat Reduced Rate (Tier 1)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
Therm Usage												
0	-\$12.72	-\$12.72	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	-\$12.72	-\$12.72	\$0.00	0.00%
1	-\$12.69	-\$12.63	\$0.07	-0.52%	\$0.41	\$0.41	\$0.00	0.00%	-\$12.28	-\$12.21	\$0.07	-0.54%
2	-\$12.67	-\$12.53	\$0.13	-1.05%	\$0.83	\$0.83	\$0.00	0.00%	-\$11.84	-\$11.71	\$0.13	-1.12%
3	-\$12.64	-\$12.44	\$0.20	-1.57%	\$1.24	\$1.24	\$0.00	0.00%	-\$11.40	-\$11.20	\$0.20	-1.74%
6	-\$8.75	-\$8.14	\$0.61	-6.98%	\$2.48	\$2.48	\$0.00	0.00%	-\$6.27	-\$5.66	\$0.61	-9.75%
8	-\$6.15	-\$5.27	\$0.89	-14.40%	\$3.31	\$3.31	\$0.00	0.00%	-\$2.85	-\$1.96	\$0.89	-31.11%
10	-\$3.56	-\$2.40	\$1.16	-32.61%	\$4.13	\$4.13	\$0.00	0.00%	\$0.57	\$1.73	\$1.16	202.79%
15	\$2.93	\$4.77	\$1.85	63.16%	\$6.20	\$6.20	\$0.00	0.00%	\$9.12	\$10.97	\$1.85	20.26%
20	\$9.41	\$11.95	\$2.54	26.94%	\$8.26	\$8.26	\$0.00	0.00%	\$17.68	\$20.21	\$2.54	14.34%
25	\$15.90	\$19.12	\$3.22	20.27%	\$10.33	\$10.33	\$0.00	0.00%	\$26.23	\$29.45	\$3.22	12.29%
30	\$22.38	\$26.29	\$3.91	17.47%	\$12.40	\$12.40	\$0.00	0.00%	\$34.78	\$38.69	\$3.91	11.24%
35	\$28.87	\$33.47	\$4.60	15.93%	\$14.46	\$14.46	\$0.00	0.00%	\$43.33	\$47.93	\$4.60	10.61%
40	\$35.36	\$40.64	\$5.28	14.95%	\$16.53	\$16.53	\$0.00	0.00%	\$51.88	\$57.17	\$5.28	10.19%
45	\$41.84	\$47.81	\$5.97	14.27%	\$18.59	\$18.59	\$0.00	0.00%	\$60.43	\$66.41	\$5.97	9.88%
50	\$48.33	\$54.99	\$6.66	13.78%	\$20.66	\$20.66	\$0.00	0.00%	\$68.99	\$75.65	\$6.66	9.65%
55	\$50.83	\$57.96	\$7.12	14.01%	\$22.73	\$22.73	\$0.00	0.00%	\$73.56	\$80.68	\$7.12	9.68%
60	\$53.34	\$60.93	\$7.59	14.23%	\$24.79	\$24.79	\$0.00	0.00%	\$78.13	\$85.72	\$7.59	9.71%
65	\$55.84	\$63.90	\$8.05	14.42%	\$26.86	\$26.86	\$0.00	0.00%	\$82.70	\$90.75	\$8.05	9.74%
70	\$58.35	\$66.87	\$8.52	14.59%	\$28.92	\$28.92	\$0.00	0.00%	\$87.27	\$95.79	\$8.52	9.76%
75	\$60.86	\$69.84	\$8.98	14.76%	\$30.99	\$30.99	\$0.00	0.00%	\$91.85	\$100.83	\$8.98	9.78%
80	\$63.36	\$72.81	\$9.44	14.91%	\$33.06	\$33.06	\$0.00	0.00%	\$96.42	\$105.86	\$9.44	9.80%
85	\$65.87	\$75.78	\$9.91	15.04%	\$35.12	\$35.12	\$0.00	0.00%	\$100.99	\$110.90	\$9.91	9.81%
90	\$68.37	\$78.75	\$10.37	15.17%	\$37.19	\$37.19	\$0.00	0.00%	\$105.56	\$115.93	\$10.37	9.83%
95	\$70.88	\$81.72	\$10.84	15.29%	\$39.25	\$39.25	\$0.00	0.00%	\$110.13	\$120.97	\$10.84	9.84%
Average	\$71.38	\$82.31	\$10.93	15.31%	\$39.67	\$39.67	\$0.00	0.00%	\$111.05	\$121.98	\$10.93	9.84%
100	\$73.38	\$84.68	\$11.30	15.40%	\$41.32	\$41.32	\$0.00	0.00%	\$114.70	\$126.00	\$11.30	9.85%
125	\$85.91	\$99.53	\$13.62	15.86%	\$51.65	\$51.65	\$0.00	0.00%	\$137.56	\$151.18	\$13.62	9.90%
150	\$98.44	\$114.38	\$15.94	16.19%	\$61.98	\$61.98	\$0.00	0.00%	\$160.42	\$176.36	\$15.94	9.94%
175	\$110.97	\$129.23	\$18.26	16.46%	\$72.31	\$72.31	\$0.00	0.00%	\$183.28	\$201.54	\$18.26	9.96%
200	\$123.50	\$144.08	\$20.58	16.67%	\$82.64	\$82.64	\$0.00	0.00%	\$206.14	\$226.72	\$20.58	9.99%
225	\$136.03	\$158.93	\$22.90	16.84%	\$92.97	\$92.97	\$0.00	0.00%	\$229.00	\$251.90	\$22.90	10.00%
250	\$148.56	\$173.78	\$25.23	16.98%	\$103.30	\$103.30	\$0.00	0.00%	\$251.85	\$277.08	\$25.23	10.02%
275	\$161.08	\$188.63	\$27.55	17.10%	\$113.63	\$113.63	\$0.00	0.00%	\$274.71	\$302.26	\$27.55	10.03%
300	\$173.61	\$203.48	\$29.87	17.20%	\$123.96	\$123.96	\$0.00	0.00%	\$297.57	\$327.44	\$29.87	10.04%
350	\$198.67	\$233.18	\$34.51	17.37%	\$144.62	\$144.62	\$0.00	0.00%	\$343.29	\$377.80	\$34.51	10.05%
400	\$223.73	\$262.88	\$39.15	17.50%	\$165.28	\$165.28	\$0.00	0.00%	\$389.00	\$428.15	\$39.15	10.06%
450	\$248.78	\$292.58	\$43.79	17.60%	\$185.94	\$185.94	\$0.00	0.00%	\$434.72	\$478.51	\$43.79	10.07%
500	\$273.84	\$322.27	\$48.43	17.69%	\$206.60	\$206.60	\$0.00	0.00%	\$480.44	\$528.87	\$48.43	10.08%
600	\$323.96	\$381.67	\$57.71	17.82%	\$247.92	\$247.92	\$0.00	0.00%	\$571.87	\$629.59	\$57.71	10.09%
700	\$374.07	\$441.07	\$67.00	17.91%	\$289.24	\$289.24	\$0.00	0.00%	\$663.31	\$730.30	\$67.00	10.10%
850	\$449.24	\$530.16	\$80.92	18.01%	\$351.21	\$351.21	\$0.00	0.00%	\$800.46	\$881.38	\$80.92	10.11%
1,000	\$524.41	\$619.26	\$94.85	18.09%	\$413.19	\$413.19	\$0.00	0.00%	\$937.61	\$1,032.45	\$94.85	10.12%
1,250	\$649.70	\$767.75	\$118.05	18.17%	\$516.49	\$516.49	\$0.00	0.00%	\$1,166.19	\$1,284.24	\$118.05	10.12%
1,500	\$774.99	\$916.25	\$141.26	18.23%	\$619.79	\$619.79	\$0.00	0.00%	\$1,394.78	\$1,536.04	\$141.26	10.13%
1,750	\$900.27	\$1,064.74	\$164.47	18.27%	\$723.09	\$723.09	\$0.00	0.00%	\$1,623.36	\$1,787.83	\$164.47	10.13%
2,000	\$1,025.56	\$1,213.23	\$187.67	18.30%	\$826.39	\$826.39	\$0.00	0.00%	\$1,851.95	\$2,039.62	\$187.67	10.13%
3,000	\$1,526.70	\$1,807.20	\$280.50	18.37%	\$1,239.58	\$1,239.58	\$0.00	0.00%	\$2,766.28	\$3,046.78	\$280.50	10.14%
5,000	\$2,528.99	\$2,995.15	\$466.16	18.43%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$4,594.96	\$5,061.12	\$466.16	10.14%
FY 23					Stayout Period						Difference	Change
First 3 or Less				-\$13.45				-\$13.45			\$0.00	0.00%
Next 47 Therms per Therm				\$1.212300				\$1.280300			\$0.068	5.61%
Over 50 Therms per Therm				\$0.452600				\$0.478000			\$0.025	5.61%
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.001019				\$0.001146			\$0.000	12.42%
Demand Capacity Surcharge Mechanism				\$0.024663				\$0.051538			\$0.027	108.97%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.036191			\$0.036	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.390734				\$0.390734			\$0.000	0.00%
Merchant Function Charge				\$0.011854				\$0.011854			\$0.000	0.00%
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.

In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are six Energy Affordability Credit tiers.

The Heating customers Tiers : Tier 1: \$35.00, Tier 2: \$57.00, Tier 3: \$78.00, Tier 4: \$64.00, Tier 5: \$35.00, Tier 6: \$35.00

The Non-Heating customers Tiers : Tier 1-Tier 6: \$3

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 2-2 - Non Residential Heat
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
-	\$39.88	\$39.88	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.88	\$39.88	\$0.00	0.00%	
1	\$39.91	\$39.97	\$0.06	0.15%	\$0.41	\$0.41	\$0.00	0.00%	\$40.32	\$40.38	\$0.06	0.15%	
2	\$39.94	\$40.05	\$0.12	0.30%	\$0.83	\$0.83	\$0.00	0.00%	\$40.76	\$40.88	\$0.12	0.29%	
3	\$39.96	\$40.14	\$0.18	0.45%	\$1.24	\$1.24	\$0.00	0.00%	\$41.20	\$41.38	\$0.18	0.43%	
6	\$42.21	\$42.67	\$0.47	1.11%	\$2.48	\$2.48	\$0.00	0.00%	\$44.69	\$45.15	\$0.47	1.05%	
8	\$43.70	\$44.36	\$0.66	1.51%	\$3.31	\$3.31	\$0.00	0.00%	\$47.01	\$47.67	\$0.66	1.40%	
10	\$45.20	\$46.05	\$0.85	1.89%	\$4.13	\$4.13	\$0.00	0.00%	\$49.33	\$50.19	\$0.85	1.73%	
15	\$48.94	\$50.28	\$1.33	2.73%	\$6.20	\$6.20	\$0.00	0.00%	\$55.14	\$56.48	\$1.33	2.42%	
20	\$52.69	\$54.50	\$1.82	3.45%	\$8.26	\$8.26	\$0.00	0.00%	\$60.95	\$62.77	\$1.82	2.98%	
25	\$56.43	\$58.73	\$2.30	4.07%	\$10.33	\$10.33	\$0.00	0.00%	\$66.76	\$69.06	\$2.30	3.44%	
30	\$60.17	\$62.95	\$2.78	4.62%	\$12.40	\$12.40	\$0.00	0.00%	\$72.57	\$75.35	\$2.78	3.83%	
35	\$63.91	\$67.18	\$3.26	5.10%	\$14.46	\$14.46	\$0.00	0.00%	\$78.38	\$81.64	\$3.26	4.16%	
40	\$67.66	\$71.40	\$3.74	5.53%	\$16.53	\$16.53	\$0.00	0.00%	\$84.19	\$87.93	\$3.74	4.45%	
45	\$71.40	\$75.62	\$4.22	5.92%	\$18.59	\$18.59	\$0.00	0.00%	\$89.99	\$94.22	\$4.22	4.69%	
50	\$75.14	\$79.85	\$4.71	6.26%	\$20.66	\$20.66	\$0.00	0.00%	\$95.80	\$100.51	\$4.71	4.91%	
55	\$78.89	\$84.07	\$5.19	6.58%	\$22.73	\$22.73	\$0.00	0.00%	\$101.61	\$106.80	\$5.19	5.11%	
60	\$82.63	\$88.30	\$5.67	6.86%	\$24.79	\$24.79	\$0.00	0.00%	\$107.42	\$113.09	\$5.67	5.28%	
65	\$86.37	\$92.52	\$6.15	7.12%	\$26.86	\$26.86	\$0.00	0.00%	\$113.23	\$119.38	\$6.15	5.43%	
70	\$90.11	\$96.75	\$6.63	7.36%	\$28.92	\$28.92	\$0.00	0.00%	\$119.04	\$125.67	\$6.63	5.57%	
75	\$93.86	\$100.97	\$7.11	7.58%	\$30.99	\$30.99	\$0.00	0.00%	\$124.85	\$131.96	\$7.11	5.70%	
80	\$97.60	\$105.20	\$7.60	7.78%	\$33.06	\$33.06	\$0.00	0.00%	\$130.65	\$138.25	\$7.60	5.81%	
85	\$101.34	\$109.42	\$8.08	7.97%	\$35.12	\$35.12	\$0.00	0.00%	\$136.46	\$144.54	\$8.08	5.92%	
90	\$105.08	\$113.64	\$8.56	8.15%	\$37.19	\$37.19	\$0.00	0.00%	\$142.27	\$150.83	\$8.56	6.02%	
95	\$108.44	\$117.46	\$9.02	8.32%	\$39.25	\$39.25	\$0.00	0.00%	\$147.69	\$156.71	\$9.02	6.11%	
100	\$111.79	\$121.27	\$9.48	8.48%	\$41.32	\$41.32	\$0.00	0.00%	\$153.11	\$162.59	\$9.48	6.19%	
125	\$128.54	\$140.33	\$11.79	9.17%	\$51.65	\$51.65	\$0.00	0.00%	\$180.19	\$191.98	\$11.79	6.54%	
150	\$145.29	\$159.39	\$14.10	9.70%	\$61.98	\$61.98	\$0.00	0.00%	\$207.27	\$221.37	\$14.10	6.80%	
175	\$162.05	\$178.45	\$16.41	10.12%	\$72.31	\$72.31	\$0.00	0.00%	\$234.35	\$250.76	\$16.41	7.00%	
200	\$178.80	\$197.51	\$18.71	10.47%	\$82.64	\$82.64	\$0.00	0.00%	\$261.44	\$280.15	\$18.71	7.16%	
225	\$195.55	\$216.58	\$21.02	10.75%	\$92.97	\$92.97	\$0.00	0.00%	\$288.52	\$309.54	\$21.02	7.29%	
250	\$212.31	\$235.64	\$23.33	10.99%	\$103.30	\$103.30	\$0.00	0.00%	\$315.60	\$338.94	\$23.33	7.39%	
275	\$229.06	\$254.70	\$25.64	11.19%	\$113.63	\$113.63	\$0.00	0.00%	\$342.69	\$368.33	\$25.64	7.48%	
300	\$245.81	\$273.76	\$27.95	11.37%	\$123.96	\$123.96	\$0.00	0.00%	\$369.77	\$397.72	\$27.95	7.56%	
350	\$279.32	\$311.88	\$32.56	11.66%	\$144.62	\$144.62	\$0.00	0.00%	\$423.94	\$456.50	\$32.56	7.68%	
Average	365	\$289.37	\$323.32	\$33.95	11.73%	\$150.82	\$150.82	\$0.00	0.00%	\$440.19	\$474.13	\$33.95	7.71%
400	\$312.83	\$350.01	\$37.18	11.89%	\$165.28	\$165.28	\$0.00	0.00%	\$478.10	\$515.28	\$37.18	7.78%	
450	\$346.33	\$388.13	\$41.80	12.07%	\$185.94	\$185.94	\$0.00	0.00%	\$532.27	\$574.06	\$41.80	7.85%	
500	\$379.84	\$426.25	\$46.41	12.22%	\$206.60	\$206.60	\$0.00	0.00%	\$586.44	\$632.85	\$46.41	7.91%	
600	\$446.85	\$502.50	\$55.64	12.45%	\$247.92	\$247.92	\$0.00	0.00%	\$694.77	\$750.41	\$55.64	8.01%	
700	\$513.86	\$578.74	\$64.88	12.63%	\$289.24	\$289.24	\$0.00	0.00%	\$803.10	\$867.98	\$64.88	8.08%	
850	\$614.38	\$693.11	\$78.73	12.81%	\$351.21	\$351.21	\$0.00	0.00%	\$965.60	\$1,044.32	\$78.73	8.15%	
1,000	\$714.90	\$807.48	\$92.57	12.95%	\$413.19	\$413.19	\$0.00	0.00%	\$1,128.10	\$1,220.67	\$92.57	8.21%	
1,250	\$882.44	\$998.09	\$115.66	13.11%	\$516.49	\$516.49	\$0.00	0.00%	\$1,398.93	\$1,514.58	\$115.66	8.27%	
1,500	\$1,049.97	\$1,188.71	\$138.74	13.21%	\$619.79	\$619.79	\$0.00	0.00%	\$1,669.76	\$1,808.50	\$138.74	8.31%	
1,750	\$1,217.50	\$1,379.32	\$161.82	13.29%	\$723.09	\$723.09	\$0.00	0.00%	\$1,940.59	\$2,102.41	\$161.82	8.34%	
2,000	\$1,385.03	\$1,569.93	\$184.90	13.35%	\$826.39	\$826.39	\$0.00	0.00%	\$2,211.42	\$2,396.32	\$184.90	8.36%	
3,000	\$2,055.17	\$2,332.39	\$277.22	13.49%	\$1,239.58	\$1,239.58	\$0.00	0.00%	\$3,294.75	\$3,571.97	\$277.22	8.41%	
5,000	\$3,004.19	\$3,446.15	\$441.96	14.71%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$5,070.15	\$5,512.11	\$441.96	8.72%	
FY 23					Stayout Period								
First 3 therms												Difference	Change
Next 87 therms												\$0.00	0.00%
Next 2,910 therms												\$0.036	5.08%
Over 3,000 therms												\$0.022	5.08%
Billing & Payment Processing												\$0.000	0.00%
Delivery Rate Adjustment												\$0.000	0.00%
Site Investigation & Remediation Surcharge												\$0.000	0.00%
Revenue Decoupling Mechanism												\$0.000	0.00%
TC/IT Revenue Surcharge / Credit												\$0.000	0.00%
Gas Safety and Reliability Surcharge												\$0.000	0.00%
Tax Reform												\$0.000	0.00%
NY Facilities System Surcharge / Surcredit												\$0.000	0.00%
Earning Adjustment Mechanism												\$0.000	0.00%
Newtown Creek Revenue Reconciliation												\$0.000	0.00%
Non Labor Demand Response O&M Cost												\$0.000	12.84%
Demand Capacity Surcharge Mechanism												\$0.027	111.88%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms												\$0.031	0.00%
Clean Energy Fund												\$0.000	0.00%
Energy Efficiency Surcharge												\$0.000	0.00%
Monthly Cost of Gas												\$0.000	0.00%
Merchant Function Charge												\$0.000	0.00%
GRT on Delivery												\$0.000	0.00%
GRT on Supply												\$0.000	0.00%
MTA on Delivery												\$0.000	0.00%
MTA on Supply												\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 3 - Heating and/or Water Heating Service (Multi-Family Buildings)
Rate Year Three (FY 23) vs.Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$42.77	\$42.77	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$42.77	\$42.77	\$0.00	0.00%	
3	\$42.83	\$42.95	\$0.12	0.27%	\$1.24	\$1.24	\$0.00	0.00%	\$44.07	\$44.19	\$0.12	0.26%	
10	\$46.38	\$46.92	\$0.54	1.17%	\$4.13	\$4.13	\$0.00	0.00%	\$50.51	\$51.05	\$0.54	1.07%	
50	\$66.62	\$69.60	\$2.98	4.47%	\$20.66	\$20.66	\$0.00	0.00%	\$87.28	\$90.26	\$2.98	3.41%	
100	\$91.93	\$97.96	\$6.03	6.55%	\$41.32	\$41.32	\$0.00	0.00%	\$133.25	\$139.28	\$6.03	4.52%	
150	\$117.25	\$126.32	\$9.07	7.74%	\$61.98	\$61.98	\$0.00	0.00%	\$179.22	\$188.30	\$9.07	5.06%	
200	\$142.56	\$154.67	\$12.12	8.50%	\$82.64	\$82.64	\$0.00	0.00%	\$225.20	\$237.31	\$12.12	5.38%	
250	\$167.87	\$183.03	\$15.16	9.03%	\$103.30	\$103.30	\$0.00	0.00%	\$271.17	\$286.33	\$15.16	5.59%	
300	\$193.18	\$211.39	\$18.21	9.43%	\$123.96	\$123.96	\$0.00	0.00%	\$317.14	\$335.34	\$18.21	5.74%	
350	\$218.49	\$239.74	\$21.25	9.73%	\$144.62	\$144.62	\$0.00	0.00%	\$363.11	\$384.36	\$21.25	5.85%	
400	\$243.80	\$268.10	\$24.30	9.97%	\$165.28	\$165.28	\$0.00	0.00%	\$409.08	\$433.38	\$24.30	5.94%	
450	\$269.11	\$296.46	\$27.35	10.16%	\$185.94	\$185.94	\$0.00	0.00%	\$455.05	\$482.39	\$27.35	6.01%	
500	\$294.42	\$324.81	\$30.39	10.32%	\$206.60	\$206.60	\$0.00	0.00%	\$501.02	\$531.41	\$30.39	6.07%	
1,000	\$547.53	\$608.38	\$60.85	11.11%	\$413.19	\$413.19	\$0.00	0.00%	\$960.72	\$1,021.57	\$60.85	6.33%	
Average	1,599	\$787.36	\$881.81	\$94.45	12.00%	\$660.70	\$660.70	\$0.00	0.00%	\$1,448.06	\$1,542.51	\$94.45	6.52%
1,800	\$867.84	\$973.57	\$105.73	12.18%	\$743.75	\$743.75	\$0.00	0.00%	\$1,611.59	\$1,717.31	\$105.73	6.56%	
2,000	\$947.92	\$1,064.86	\$116.95	12.34%	\$826.39	\$826.39	\$0.00	0.00%	\$1,774.30	\$1,891.25	\$116.95	6.59%	
3,000	\$1,348.30	\$1,521.35	\$173.04	12.83%	\$1,239.58	\$1,239.58	\$0.00	0.00%	\$2,587.88	\$2,760.93	\$173.04	6.69%	
3,500	\$1,548.50	\$1,749.59	\$201.09	12.99%	\$1,446.18	\$1,446.18	\$0.00	0.00%	\$2,994.67	\$3,195.77	\$201.09	6.72%	
4,000	\$1,748.69	\$1,977.83	\$229.14	13.10%	\$1,652.77	\$1,652.77	\$0.00	0.00%	\$3,401.46	\$3,630.60	\$229.14	6.74%	
4,500	\$1,948.88	\$2,206.07	\$257.19	13.20%	\$1,859.37	\$1,859.37	\$0.00	0.00%	\$3,808.25	\$4,065.44	\$257.19	6.75%	
5,000	\$2,149.08	\$2,434.32	\$285.24	13.27%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$4,215.04	\$4,500.28	\$285.24	6.77%	
5,500	\$2,349.27	\$2,662.56	\$313.29	13.34%	\$2,272.56	\$2,272.56	\$0.00	0.00%	\$4,621.83	\$4,935.12	\$313.29	6.78%	
6,000	\$2,549.46	\$2,890.80	\$341.34	13.39%	\$2,479.16	\$2,479.16	\$0.00	0.00%	\$5,028.62	\$5,369.96	\$341.34	6.79%	
6,500	\$2,749.66	\$3,119.04	\$369.38	13.43%	\$2,685.76	\$2,685.76	\$0.00	0.00%	\$5,435.41	\$5,804.80	\$369.38	6.80%	
7,000	\$2,949.85	\$3,347.28	\$397.43	13.47%	\$2,892.35	\$2,892.35	\$0.00	0.00%	\$5,842.20	\$6,239.64	\$397.43	6.80%	
7,500	\$3,150.04	\$3,575.53	\$425.48	13.51%	\$3,098.95	\$3,098.95	\$0.00	0.00%	\$6,248.99	\$6,674.48	\$425.48	6.81%	
8,000	\$3,350.24	\$3,803.77	\$453.53	13.54%	\$3,305.55	\$3,305.55	\$0.00	0.00%	\$6,655.79	\$7,109.31	\$453.53	6.81%	
8,500	\$3,550.43	\$4,032.01	\$481.58	13.56%	\$3,512.14	\$3,512.14	\$0.00	0.00%	\$7,062.58	\$7,544.15	\$481.58	6.82%	
9,000	\$3,750.63	\$4,260.25	\$509.63	13.59%	\$3,718.74	\$3,718.74	\$0.00	0.00%	\$7,469.37	\$7,978.99	\$509.63	6.82%	
9,500	\$3,950.82	\$4,488.49	\$537.67	13.61%	\$3,925.34	\$3,925.34	\$0.00	0.00%	\$7,876.16	\$8,413.83	\$537.67	6.83%	
10,000	\$4,151.01	\$4,716.74	\$565.72	13.63%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$8,282.95	\$8,848.67	\$565.72	6.83%	
FY 23					Stayout Period						Difference	Change	
First 3 therms				\$39.51				\$39.51			\$0.00	0.00%	
Next 997 therms				\$0.463800				\$0.484900			\$0.021	4.55%	
Over 1,000 therms				\$0.362800				\$0.379300			\$0.017	4.55%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000848				\$0.000932			\$0.000	9.84%	
Demand Capacity Surcharge Mechanism				\$0.018473				\$0.039582			\$0.021	114.27%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.015845			\$0.016	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.390734				\$0.390734			\$0.000	0.00%	
Merchant Function Charge				\$0.011854				\$0.011854			\$0.000	0.00%	
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A - High Load Factor Service
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
0	\$257.93	\$257.93	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$257.93	\$257.93	\$0.00	0.00%	
10	\$258.09	\$258.34	\$0.25	0.10%	\$2.92	\$2.92	\$0.00	0.00%	\$261.00	\$261.25	\$0.25	0.10%	
50	\$269.80	\$271.54	\$1.74	0.64%	\$14.59	\$14.59	\$0.00	0.00%	\$284.39	\$286.12	\$1.74	0.61%	
100	\$284.44	\$288.03	\$3.60	1.27%	\$29.18	\$29.18	\$0.00	0.00%	\$313.61	\$317.21	\$3.60	1.15%	
200	\$313.71	\$321.03	\$7.32	2.33%	\$58.36	\$58.36	\$0.00	0.00%	\$372.07	\$379.39	\$7.32	1.97%	
300	\$342.99	\$354.03	\$11.04	3.22%	\$87.53	\$87.53	\$0.00	0.00%	\$430.52	\$441.56	\$11.04	2.56%	
400	\$372.27	\$387.03	\$14.76	3.97%	\$116.71	\$116.71	\$0.00	0.00%	\$488.98	\$503.74	\$14.76	3.02%	
500	\$401.54	\$420.03	\$18.48	4.60%	\$145.89	\$145.89	\$0.00	0.00%	\$547.43	\$565.92	\$18.48	3.38%	
1,000	\$547.93	\$585.01	\$37.09	6.77%	\$291.78	\$291.78	\$0.00	0.00%	\$839.71	\$876.79	\$37.09	4.42%	
5,000	\$1,719.00	\$1,904.93	\$185.93	10.82%	\$1,458.90	\$1,458.90	\$0.00	0.00%	\$3,177.90	\$3,363.83	\$185.93	5.85%	
10,000	\$3,182.84	\$3,554.82	\$371.98	11.69%	\$2,917.80	\$2,917.80	\$0.00	0.00%	\$6,100.64	\$6,472.62	\$371.98	6.10%	
15,000	\$4,646.68	\$5,204.72	\$558.03	12.01%	\$4,376.69	\$4,376.69	\$0.00	0.00%	\$9,023.38	\$9,581.41	\$558.03	6.18%	
20,000	\$6,110.52	\$6,854.61	\$744.08	12.18%	\$5,835.59	\$5,835.59	\$0.00	0.00%	\$11,946.12	\$12,690.20	\$744.08	6.23%	
25,000	\$7,574.37	\$8,504.50	\$930.14	12.28%	\$7,294.49	\$7,294.49	\$0.00	0.00%	\$14,868.86	\$15,798.99	\$930.14	6.26%	
30,000	\$9,038.21	\$10,154.40	\$1,116.19	12.35%	\$8,753.39	\$8,753.39	\$0.00	0.00%	\$17,791.60	\$18,907.78	\$1,116.19	6.27%	
35,000	\$10,502.05	\$11,804.29	\$1,302.24	12.40%	\$10,212.29	\$10,212.29	\$0.00	0.00%	\$20,714.34	\$22,016.57	\$1,302.24	6.29%	
Average	\$34,750	\$10,428.86	\$11,721.79	\$1,292.94	12.40%	\$10,139.34	\$10,139.34	\$0.00	0.00%	\$20,568.20	\$21,861.13	\$1,292.94	6.29%
40,000	\$11,965.89	\$13,454.18	\$1,488.29	12.44%	\$11,671.18	\$11,671.18	\$0.00	0.00%	\$23,637.07	\$25,125.36	\$1,488.29	6.30%	
45,000	\$13,429.73	\$15,104.07	\$1,674.34	12.47%	\$13,130.08	\$13,130.08	\$0.00	0.00%	\$26,559.81	\$28,234.16	\$1,674.34	6.30%	
50,000	\$14,893.57	\$16,753.97	\$1,860.39	12.49%	\$14,588.98	\$14,588.98	\$0.00	0.00%	\$29,482.55	\$31,342.95	\$1,860.39	6.31%	
55,000	\$16,357.42	\$18,403.86	\$2,046.44	12.51%	\$16,047.88	\$16,047.88	\$0.00	0.00%	\$32,405.29	\$34,451.74	\$2,046.44	6.32%	
60,000	\$17,821.26	\$20,053.75	\$2,232.50	12.53%	\$17,506.77	\$17,506.77	\$0.00	0.00%	\$35,328.03	\$37,560.53	\$2,232.50	6.32%	
65,000	\$19,285.10	\$21,703.65	\$2,418.55	12.54%	\$18,965.67	\$18,965.67	\$0.00	0.00%	\$38,250.77	\$40,669.32	\$2,418.55	6.32%	
70,000	\$20,748.94	\$23,353.54	\$2,604.60	12.55%	\$20,424.57	\$20,424.57	\$0.00	0.00%	\$41,173.51	\$43,778.11	\$2,604.60	6.33%	
75,000	\$22,212.78	\$25,003.43	\$2,790.65	12.56%	\$21,883.47	\$21,883.47	\$0.00	0.00%	\$44,096.25	\$46,886.90	\$2,790.65	6.33%	
80,000	\$23,676.63	\$26,653.33	\$2,976.70	12.57%	\$23,342.37	\$23,342.37	\$0.00	0.00%	\$47,018.99	\$49,995.69	\$2,976.70	6.33%	
85,000	\$25,140.47	\$28,303.22	\$3,162.75	12.58%	\$24,801.26	\$24,801.26	\$0.00	0.00%	\$49,941.73	\$53,104.48	\$3,162.75	6.33%	
90,000	\$26,604.31	\$29,953.11	\$3,348.80	12.59%	\$26,260.16	\$26,260.16	\$0.00	0.00%	\$52,864.47	\$56,213.28	\$3,348.80	6.33%	
95,000	\$28,068.15	\$31,603.01	\$3,534.86	12.59%	\$27,719.06	\$27,719.06	\$0.00	0.00%	\$55,787.21	\$59,322.07	\$3,534.86	6.34%	
100,000	\$29,531.99	\$33,252.90	\$3,720.91	12.60%	\$29,177.96	\$29,177.96	\$0.00	0.00%	\$58,709.95	\$62,430.86	\$3,720.91	6.34%	
105,000	\$30,995.83	\$34,902.79	\$3,906.96	12.60%	\$30,636.86	\$30,636.86	\$0.00	0.00%	\$61,632.69	\$65,539.65	\$3,906.96	6.34%	
110,000	\$32,459.68	\$36,552.69	\$4,093.01	12.61%	\$32,095.75	\$32,095.75	\$0.00	0.00%	\$64,555.43	\$68,648.44	\$4,093.01	6.34%	
115,000	\$33,923.52	\$38,202.58	\$4,279.06	12.61%	\$33,554.65	\$33,554.65	\$0.00	0.00%	\$67,478.17	\$71,757.23	\$4,279.06	6.34%	
FY 23					Stayout Period						Difference	Change	
First 10 therms			\$250.00				\$250.00				\$0.00	0.00%	
Next 990 therms			\$0.270100				\$0.282000				\$0.012	4.41%	
Over 1,000 therms			\$0.270100				\$0.282000				\$0.012	4.41%	
Billing & Payment Processing			\$1.310000				\$1.310000				\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Revenue Decoupling Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit			\$0.000000				\$0.000000				\$0.000	0.00%	
Gas Safety and Reliability Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Tax Reform			\$0.000000				\$0.000000				\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit			\$0.000000				\$0.000000				\$0.000	0.00%	
Earning Adjustment Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
Newtown Creek Revenue Reconciliation			\$0.000000				\$0.000000				\$0.000	0.00%	
Non Labor Demand Response O&M Cost			\$0.000368				\$0.000420				\$0.000	14.24%	
Demand Capacity Surcharge Mechanism			\$0.014786				\$0.032731				\$0.018	121.36%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms			\$0.000000				\$0.006358				\$0.006	0.00%	
Clean Energy Fund			\$0.000000				\$0.000000				\$0.000	0.00%	
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Monthly Cost of Gas			\$0.273908				\$0.273908				\$0.000	0.00%	
Merchant Function Charge			\$0.010382				\$0.010382				\$0.000	0.00%	
GRT on Delivery			2.407000%				2.407000%				\$0.000	0.00%	
GRT on Supply			2.407000%				2.407000%				\$0.000	0.00%	
MTA on Delivery			0.222000%				0.222000%				\$0.000	0.00%	
MTA on Supply			0.222000%				0.222000%				\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A-CNG - Compressed Natural Gas Service
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$257.93	\$257.93	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$257.93	\$257.93	\$0.00	0.00%	
10	\$258.09	\$258.35	\$0.26	0.10%	\$2.62	\$2.62	\$0.00	0.00%	\$260.71	\$260.97	\$0.26	0.10%	
50	\$269.60	\$271.35	\$1.76	0.65%	\$13.11	\$13.11	\$0.00	0.00%	\$282.71	\$284.47	\$1.76	0.62%	
100	\$283.98	\$287.61	\$3.63	1.28%	\$26.23	\$26.23	\$0.00	0.00%	\$310.21	\$313.84	\$3.63	1.17%	
500	\$399.05	\$417.68	\$18.64	4.67%	\$131.13	\$131.13	\$0.00	0.00%	\$530.18	\$548.81	\$18.64	3.52%	
1,000	\$542.88	\$580.27	\$37.39	6.89%	\$262.26	\$262.26	\$0.00	0.00%	\$805.14	\$842.53	\$37.39	4.64%	
5,000	\$1,693.54	\$1,880.98	\$187.44	11.07%	\$1,311.31	\$1,311.31	\$0.00	0.00%	\$3,004.85	\$3,192.29	\$187.44	6.24%	
10,000	\$3,131.87	\$3,506.87	\$375.00	11.97%	\$2,622.63	\$2,622.63	\$0.00	0.00%	\$5,754.49	\$6,129.49	\$375.00	6.52%	
15,000	\$4,570.19	\$5,132.76	\$562.56	12.31%	\$3,933.94	\$3,933.94	\$0.00	0.00%	\$8,504.13	\$9,066.70	\$562.56	6.62%	
20,000	\$6,008.52	\$6,758.65	\$750.12	12.48%	\$5,245.25	\$5,245.25	\$0.00	0.00%	\$11,253.77	\$12,003.90	\$750.12	6.67%	
25,000	\$7,446.85	\$8,384.53	\$937.68	12.59%	\$6,556.56	\$6,556.56	\$0.00	0.00%	\$14,003.41	\$14,941.10	\$937.68	6.70%	
30,000	\$8,885.18	\$10,010.42	\$1,125.25	12.66%	\$7,867.88	\$7,867.88	\$0.00	0.00%	\$16,753.05	\$17,878.30	\$1,125.25	6.72%	
35,000	\$10,323.50	\$11,636.31	\$1,312.81	12.72%	\$9,179.19	\$9,179.19	\$0.00	0.00%	\$19,502.69	\$20,815.50	\$1,312.81	6.73%	
40,000	\$11,761.83	\$13,262.20	\$1,500.37	12.76%	\$10,490.50	\$10,490.50	\$0.00	0.00%	\$22,252.33	\$23,752.70	\$1,500.37	6.74%	
45,000	\$13,200.16	\$14,888.09	\$1,687.93	12.79%	\$11,801.81	\$11,801.81	\$0.00	0.00%	\$25,001.97	\$26,689.90	\$1,687.93	6.75%	
50,000	\$14,638.48	\$16,513.97	\$1,875.49	12.81%	\$13,113.13	\$13,113.13	\$0.00	0.00%	\$27,751.61	\$29,627.10	\$1,875.49	6.76%	
55,000	\$16,076.81	\$18,139.86	\$2,063.05	12.83%	\$14,424.44	\$14,424.44	\$0.00	0.00%	\$30,501.25	\$32,564.30	\$2,063.05	6.76%	
60,000	\$17,515.14	\$19,765.75	\$2,250.61	12.85%	\$15,735.75	\$15,735.75	\$0.00	0.00%	\$33,250.89	\$35,501.50	\$2,250.61	6.77%	
Average	50,297	\$14,723.92	\$16,610.55	\$1,886.63	12.81%	\$13,191.02	\$13,191.02	\$0.00	0.00%	\$27,914.94	\$29,801.57	\$1,886.63	6.76%
55,000	\$16,076.81	\$18,139.86	\$2,063.05	12.83%	\$14,424.44	\$14,424.44	\$0.00	0.00%	\$30,501.25	\$32,564.30	\$2,063.05	6.76%	
60,000	\$17,515.14	\$19,765.75	\$2,250.61	12.85%	\$15,735.75	\$15,735.75	\$0.00	0.00%	\$33,250.89	\$35,501.50	\$2,250.61	6.77%	
65,000	\$18,953.47	\$21,391.64	\$2,438.17	12.86%	\$17,047.06	\$17,047.06	\$0.00	0.00%	\$36,000.53	\$38,438.70	\$2,438.17	6.77%	
70,000	\$20,391.79	\$23,017.53	\$2,625.73	12.88%	\$18,358.38	\$18,358.38	\$0.00	0.00%	\$38,750.17	\$41,375.90	\$2,625.73	6.78%	
75,000	\$21,830.12	\$24,643.41	\$2,813.29	12.89%	\$19,669.69	\$19,669.69	\$0.00	0.00%	\$41,499.81	\$44,313.10	\$2,813.29	6.78%	
80,000	\$23,268.45	\$26,269.30	\$3,000.85	12.90%	\$20,981.00	\$20,981.00	\$0.00	0.00%	\$44,249.45	\$47,250.30	\$3,000.85	6.78%	
85,000	\$24,706.77	\$27,895.19	\$3,188.41	12.91%	\$22,292.31	\$22,292.31	\$0.00	0.00%	\$46,999.09	\$50,187.50	\$3,188.41	6.78%	
90,000	\$26,145.10	\$29,521.08	\$3,375.98	12.91%	\$23,603.63	\$23,603.63	\$0.00	0.00%	\$49,748.73	\$53,124.70	\$3,375.98	6.79%	
95,000	\$27,583.43	\$31,146.96	\$3,563.54	12.92%	\$24,914.94	\$24,914.94	\$0.00	0.00%	\$52,498.37	\$56,061.90	\$3,563.54	6.79%	
100,000	\$29,021.76	\$32,772.85	\$3,751.10	12.93%	\$26,226.25	\$26,226.25	\$0.00	0.00%	\$55,248.01	\$58,999.10	\$3,751.10	6.79%	
105,000	\$30,460.08	\$34,398.74	\$3,938.66	12.93%	\$27,537.56	\$27,537.56	\$0.00	0.00%	\$57,997.65	\$61,936.31	\$3,938.66	6.79%	
110,000	\$31,898.41	\$36,024.63	\$4,126.22	12.94%	\$28,848.88	\$28,848.88	\$0.00	0.00%	\$60,747.29	\$64,873.51	\$4,126.22	6.79%	
115,000	\$33,336.74	\$37,650.52	\$4,313.78	12.94%	\$30,160.19	\$30,160.19	\$0.00	0.00%	\$63,496.93	\$67,810.71	\$4,313.78	6.79%	
120,000	\$34,775.07	\$39,276.40	\$4,501.34	12.94%	\$31,471.50	\$31,471.50	\$0.00	0.00%	\$66,246.57	\$70,747.91	\$4,501.34	6.79%	
FY 23					Stayout Period					Difference	Change		
First 10 therms										\$250.00	0.00%		
Next 990 therms										\$0.264800	4.38%		
Over 1,000 therms										\$0.264800	4.38%		
Billing & Payment Processing										\$1.310000	0.00%		
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge										\$0.000000	0.00%		
Revenue Decoupling Mechanism										\$0.000000	0.00%		
TC/IT Revenue Surcharge / Credit										\$0.000000	0.00%		
Gas Safety and Reliability Surcharge										\$0.000000	0.00%		
Tax Reform										\$0.000000	0.00%		
NY Facilities System Surcharge / Surcredit										\$0.000000	0.00%		
Earning Adjustment Mechanism										\$0.000000	0.00%		
Newtown Creek Revenue Reconciliation										\$0.000000	0.00%		
Non Labor Demand Response O&M Cost										\$0.000405	14.60%		
Demand Capacity Surcharge Mechanism										\$0.015076	121.07%		
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms										\$0.000000	0.00%		
Clean Energy Fund										\$0.000000	0.00%		
Energy Efficiency Surcharge										\$0.000000	0.00%		
Monthly Cost of Gas										\$0.245507	0.00%		
Merchant Function Charge										\$0.010024	0.00%		
GRT on Delivery										2.407000%	0.00%		
GRT on Supply										2.407000%	0.00%		
MTA on Delivery										0.222000%	0.00%		
MTA on Supply										0.222000%	0.00%		

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4B - Year-Round Air Conditioning Service (Non -Residential)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$134.77	\$134.77	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$134.77	\$134.77	\$0.00	0.00%	
10	\$143.10	\$143.87	\$0.77	0.54%	\$3.30	\$3.30	\$0.00	0.00%	\$146.40	\$147.18	\$0.77	0.53%	
50	\$180.05	\$184.10	\$4.05	2.25%	\$16.50	\$16.50	\$0.00	0.00%	\$196.55	\$200.61	\$4.05	2.06%	
100	\$226.24	\$234.39	\$8.15	3.60%	\$33.01	\$33.01	\$0.00	0.00%	\$259.24	\$267.40	\$8.15	3.15%	
200	\$318.61	\$334.96	\$16.36	5.13%	\$66.01	\$66.01	\$0.00	0.00%	\$384.62	\$400.98	\$16.36	4.25%	
300	\$365.74	\$387.96	\$22.22	6.07%	\$99.02	\$99.02	\$0.00	0.00%	\$464.76	\$486.98	\$22.22	4.78%	
400	\$412.87	\$440.95	\$28.08	6.80%	\$132.03	\$132.03	\$0.00	0.00%	\$544.90	\$572.98	\$28.08	5.15%	
500	\$460.00	\$493.94	\$33.94	7.38%	\$165.04	\$165.04	\$0.00	0.00%	\$625.04	\$658.98	\$33.94	5.43%	
750	\$577.83	\$626.42	\$48.59	8.41%	\$247.55	\$247.55	\$0.00	0.00%	\$825.39	\$873.98	\$48.59	5.89%	
1,000	\$695.66	\$758.90	\$63.24	9.09%	\$330.07	\$330.07	\$0.00	0.00%	\$1,025.73	\$1,088.98	\$63.24	6.17%	
Average	1,374	\$871.93	\$957.09	\$85.16	9.77%	\$453.52	\$453.52	\$0.00	0.00%	\$1,325.45	\$1,410.61	\$85.16	6.43%
1,500	\$931.32	\$1,023.86	\$92.55	9.94%	\$495.11	\$495.11	\$0.00	0.00%	\$1,426.43	\$1,518.97	\$92.55	6.49%	
1,750	\$1,049.14	\$1,156.34	\$107.20	10.22%	\$577.63	\$577.63	\$0.00	0.00%	\$1,626.77	\$1,733.97	\$107.20	6.59%	
2,000	\$1,166.97	\$1,288.82	\$121.85	10.44%	\$660.15	\$660.15	\$0.00	0.00%	\$1,827.12	\$1,948.97	\$121.85	6.67%	
2,250	\$1,284.80	\$1,421.30	\$136.50	10.62%	\$742.66	\$742.66	\$0.00	0.00%	\$2,027.47	\$2,163.97	\$136.50	6.73%	
2,500	\$1,402.63	\$1,553.79	\$151.16	10.78%	\$825.18	\$825.18	\$0.00	0.00%	\$2,227.81	\$2,378.97	\$151.16	6.78%	
2,750	\$1,520.46	\$1,686.27	\$165.81	10.91%	\$907.70	\$907.70	\$0.00	0.00%	\$2,428.16	\$2,593.97	\$165.81	6.83%	
3,000	\$1,638.29	\$1,818.75	\$180.46	11.02%	\$990.22	\$990.22	\$0.00	0.00%	\$2,628.51	\$2,808.97	\$180.46	6.87%	
3,250	\$1,756.11	\$1,951.23	\$195.11	11.11%	\$1,072.74	\$1,072.74	\$0.00	0.00%	\$2,828.85	\$3,023.97	\$195.11	6.90%	
3,500	\$1,873.94	\$2,083.71	\$209.77	11.19%	\$1,155.26	\$1,155.26	\$0.00	0.00%	\$3,029.20	\$3,238.96	\$209.77	6.92%	
3,750	\$1,991.77	\$2,216.19	\$224.42	11.27%	\$1,237.77	\$1,237.77	\$0.00	0.00%	\$3,229.55	\$3,453.96	\$224.42	6.95%	
4,000	\$2,109.60	\$2,348.67	\$239.07	11.33%	\$1,320.29	\$1,320.29	\$0.00	0.00%	\$3,429.89	\$3,668.96	\$239.07	6.97%	
4,250	\$2,227.43	\$2,481.15	\$253.72	11.39%	\$1,402.81	\$1,402.81	\$0.00	0.00%	\$3,630.24	\$3,883.96	\$253.72	6.99%	
4,500	\$2,345.26	\$2,613.63	\$268.37	11.44%	\$1,485.33	\$1,485.33	\$0.00	0.00%	\$3,830.59	\$4,098.96	\$268.37	7.01%	
4,750	\$2,463.08	\$2,746.11	\$283.03	11.49%	\$1,567.85	\$1,567.85	\$0.00	0.00%	\$4,030.93	\$4,313.96	\$283.03	7.02%	
5,000	\$2,580.91	\$2,878.59	\$297.68	11.53%	\$1,650.37	\$1,650.37	\$0.00	0.00%	\$4,231.28	\$4,528.96	\$297.68	7.04%	
5,250	\$2,698.74	\$3,011.07	\$312.33	11.57%	\$1,732.88	\$1,732.88	\$0.00	0.00%	\$4,431.63	\$4,743.96	\$312.33	7.05%	
5,500	\$2,816.57	\$3,143.55	\$326.98	11.61%	\$1,815.40	\$1,815.40	\$0.00	0.00%	\$4,631.97	\$4,958.96	\$326.98	7.06%	
5,750	\$2,934.40	\$3,276.03	\$341.64	11.64%	\$1,897.92	\$1,897.92	\$0.00	0.00%	\$4,832.32	\$5,173.95	\$341.64	7.07%	
6,000	\$3,052.23	\$3,408.51	\$356.29	11.67%	\$1,980.44	\$1,980.44	\$0.00	0.00%	\$5,032.67	\$5,388.95	\$356.29	7.08%	
6,250	\$3,170.05	\$3,540.99	\$370.94	11.70%	\$2,062.96	\$2,062.96	\$0.00	0.00%	\$5,233.01	\$5,603.95	\$370.94	7.09%	
6,500	\$3,287.88	\$3,673.47	\$385.59	11.73%	\$2,145.48	\$2,145.48	\$0.00	0.00%	\$5,433.36	\$5,818.95	\$385.59	7.10%	
FY 23					Stayout Period						Difference	Change	
First 1 therms			\$130.00				\$130.00				\$0.00	0.00%	
Next 199 therms			\$0.881800				\$0.927300				\$0.046	5.16%	
Over 200 therms			\$0.441000				\$0.463700				\$0.023	5.15%	
Billing & Payment Processing			\$1.310000				\$1.310000				\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Revenue Decoupling Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit			\$0.000000				\$0.000000				\$0.000	0.00%	
Gas Safety and Reliability Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Tax Reform			\$0.000000				\$0.000000				\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit			\$0.000000				\$0.000000				\$0.000	0.00%	
Earning Adjustment Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%	
Newtown Creek Revenue Reconciliation			\$0.000000				\$0.000000				\$0.000	0.00%	
Non Labor Demand Response O&M Cost			\$0.000721				\$0.000821				\$0.000	13.93%	
Demand Capacity Surcharge Mechanism			\$0.017495				\$0.038102				\$0.021	117.79%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms			\$0.000000				\$0.013697				\$0.014	0.00%	
Clean Energy Fund			\$0.000000				\$0.000000				\$0.000	0.00%	
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
Monthly Cost of Gas			\$0.310755				\$0.310755				\$0.000	0.00%	
Merchant Function Charge			\$0.010846				\$0.010846				\$0.000	0.00%	
GRT on Delivery			2.407000%				2.407000%				\$0.000	0.00%	
GRT on Supply			2.407000%				2.407000%				\$0.000	0.00%	
MTA on Delivery			0.222000%				0.222000%				\$0.000	0.00%	
MTA on Supply			0.222000%				0.222000%				\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 7 - Seasonal Off-Peak Service
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
Therm Usage												
-	\$41.90	\$41.90	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$41.90	\$41.90	\$0.00	0.00%
3	\$41.93	\$42.25	\$0.32	0.76%	\$0.70	\$0.70	\$0.00	0.00%	\$42.63	\$42.95	\$0.32	0.75%
10	\$42.49	\$44.70	\$2.21	5.20%	\$2.33	\$2.33	\$0.00	0.00%	\$44.82	\$47.03	\$2.21	4.93%
20	\$45.77	\$48.20	\$2.42	5.29%	\$4.65	\$4.65	\$0.00	0.00%	\$50.42	\$52.85	\$2.42	4.81%
50	\$52.55	\$58.69	\$6.14	11.68%	\$11.63	\$11.63	\$0.00	0.00%	\$64.18	\$70.32	\$6.14	9.56%
100	\$63.85	\$76.18	\$12.32	19.30%	\$23.25	\$23.25	\$0.00	0.00%	\$87.11	\$99.43	\$12.32	14.15%
150	\$75.15	\$93.66	\$18.51	24.63%	\$34.88	\$34.88	\$0.00	0.00%	\$110.03	\$128.54	\$18.51	16.82%
160	\$77.41	\$97.16	\$19.75	25.51%	\$37.21	\$37.21	\$0.00	0.00%	\$114.62	\$134.37	\$19.75	17.23%
180	\$81.93	\$104.15	\$22.23	27.13%	\$41.86	\$41.86	\$0.00	0.00%	\$123.79	\$146.01	\$22.23	17.95%
200	\$86.45	\$111.15	\$24.70	28.57%	\$46.51	\$46.51	\$0.00	0.00%	\$132.96	\$157.66	\$24.70	18.58%
Average	\$108.82	\$145.77	\$36.95	33.96%	\$69.53	\$69.53	\$0.00	0.00%	\$178.35	\$215.30	\$36.95	20.72%
300	\$109.04	\$146.12	\$37.08	34.00%	\$69.76	\$69.76	\$0.00	0.00%	\$178.81	\$215.88	\$37.08	20.74%
350	\$120.34	\$163.61	\$43.26	35.95%	\$81.39	\$81.39	\$0.00	0.00%	\$201.73	\$245.00	\$43.26	21.45%
400	\$131.64	\$181.09	\$49.45	37.57%	\$93.02	\$93.02	\$0.00	0.00%	\$224.66	\$274.11	\$49.45	22.01%
450	\$142.94	\$198.58	\$55.64	38.93%	\$104.64	\$104.64	\$0.00	0.00%	\$247.58	\$303.22	\$55.64	22.47%
500	\$154.24	\$216.07	\$61.83	40.09%	\$116.27	\$116.27	\$0.00	0.00%	\$270.51	\$332.34	\$61.83	22.86%
550	\$165.54	\$233.55	\$68.02	41.09%	\$127.90	\$127.90	\$0.00	0.00%	\$293.43	\$361.45	\$68.02	23.18%
600	\$176.83	\$251.04	\$74.20	41.96%	\$139.52	\$139.52	\$0.00	0.00%	\$316.36	\$390.56	\$74.20	23.46%
650	\$188.13	\$268.53	\$80.39	42.73%	\$151.15	\$151.15	\$0.00	0.00%	\$339.28	\$419.68	\$80.39	23.69%
700	\$199.43	\$286.01	\$86.58	43.41%	\$162.78	\$162.78	\$0.00	0.00%	\$362.21	\$448.79	\$86.58	23.90%
750	\$210.73	\$303.50	\$92.77	44.02%	\$174.41	\$174.41	\$0.00	0.00%	\$385.14	\$477.90	\$92.77	24.09%
800	\$222.03	\$320.98	\$98.96	44.57%	\$186.03	\$186.03	\$0.00	0.00%	\$408.06	\$507.02	\$98.96	24.25%
850	\$233.33	\$338.47	\$105.14	45.06%	\$197.66	\$197.66	\$0.00	0.00%	\$430.99	\$536.13	\$105.14	24.40%
900	\$244.62	\$355.96	\$111.33	45.51%	\$209.29	\$209.29	\$0.00	0.00%	\$453.91	\$565.24	\$111.33	24.53%
950	\$255.92	\$373.44	\$117.52	45.92%	\$220.91	\$220.91	\$0.00	0.00%	\$476.84	\$594.36	\$117.52	24.65%
2,000	\$493.19	\$740.66	\$247.47	50.18%	\$465.08	\$465.08	\$0.00	0.00%	\$958.27	\$1,205.74	\$247.47	25.82%
2,500	\$606.17	\$915.52	\$309.35	51.03%	\$581.35	\$581.35	\$0.00	0.00%	\$1,187.53	\$1,496.87	\$309.35	26.05%
3,000	\$719.15	\$1,090.38	\$371.23	51.62%	\$697.62	\$697.62	\$0.00	0.00%	\$1,416.78	\$1,788.01	\$371.23	26.20%
3,500	\$832.14	\$1,265.25	\$433.11	52.05%	\$813.90	\$813.90	\$0.00	0.00%	\$1,646.03	\$2,079.14	\$433.11	26.31%
4,000	\$945.12	\$1,440.11	\$494.99	52.37%	\$930.17	\$930.17	\$0.00	0.00%	\$1,875.29	\$2,370.28	\$494.99	26.40%
4,500	\$1,058.11	\$1,614.97	\$556.87	52.63%	\$1,046.44	\$1,046.44	\$0.00	0.00%	\$2,104.54	\$2,661.41	\$556.87	26.46%
5,000	\$1,171.09	\$1,789.84	\$618.75	52.84%	\$1,162.71	\$1,162.71	\$0.00	0.00%	\$2,333.80	\$2,952.55	\$618.75	26.51%
FY 23					Stayout Period						Difference	Change
First 3 or Less				\$39.51				\$39.51			\$0.00	0.00%
Over 3 Therms per Therm				\$0.208200				\$0.225000			\$0.017	8.07%
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.011967				\$0.027111			\$0.015	126.55%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.088640			\$0.089	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.216909				\$0.216909			\$0.000	0.00%
Merchant Function Charge				\$0.009664				\$0.009664			\$0.000	0.00%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (April - October)
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
-	\$243.16	\$243.16	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$243.16	\$243.16	\$0.00	0.00%
10	\$243.29	\$243.48	\$0.18	0.08%	\$4.13	\$4.13	\$0.00	0.00%	\$247.43	\$247.61	\$0.18	0.07%
20	\$244.46	\$244.88	\$0.41	0.17%	\$8.26	\$8.26	\$0.00	0.00%	\$252.73	\$253.14	\$0.41	0.16%
50	\$247.98	\$249.09	\$1.11	0.45%	\$20.66	\$20.66	\$0.00	0.00%	\$268.64	\$269.75	\$1.11	0.41%
100	\$253.84	\$256.10	\$2.26	0.89%	\$41.32	\$41.32	\$0.00	0.00%	\$295.16	\$297.42	\$2.26	0.77%
1,000	\$359.28	\$382.35	\$23.07	6.42%	\$413.19	\$413.19	\$0.00	0.00%	\$772.47	\$795.54	\$23.07	2.99%
5,000	\$827.90	\$943.45	\$115.55	13.96%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$2,893.86	\$3,009.41	\$115.55	3.99%
6,000	\$945.05	\$1,083.72	\$138.67	14.67%	\$2,479.16	\$2,479.16	\$0.00	0.00%	\$3,424.21	\$3,562.88	\$138.67	4.05%
7,000	\$1,062.21	\$1,224.00	\$161.79	15.23%	\$2,892.35	\$2,892.35	\$0.00	0.00%	\$3,954.56	\$4,116.35	\$161.79	4.09%
8,000	\$1,179.36	\$1,364.27	\$184.91	15.68%	\$3,305.55	\$3,305.55	\$0.00	0.00%	\$4,484.91	\$4,669.82	\$184.91	4.12%
9,000	\$1,296.52	\$1,504.55	\$208.03	16.05%	\$3,718.74	\$3,718.74	\$0.00	0.00%	\$5,015.26	\$5,223.29	\$208.03	4.15%
10,000	\$1,413.67	\$1,644.82	\$231.15	16.35%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$5,545.61	\$5,776.76	\$231.15	4.17%
11,000	\$1,530.83	\$1,785.10	\$254.27	16.61%	\$4,545.13	\$4,545.13	\$0.00	0.00%	\$6,075.95	\$6,330.22	\$254.27	4.18%
12,000	\$1,647.98	\$1,925.37	\$277.39	16.83%	\$4,958.32	\$4,958.32	\$0.00	0.00%	\$6,606.30	\$6,883.69	\$277.39	4.20%
13,000	\$1,765.14	\$2,065.65	\$300.51	17.02%	\$5,371.51	\$5,371.51	\$0.00	0.00%	\$7,136.65	\$7,437.16	\$300.51	4.21%
14,000	\$1,882.29	\$2,205.92	\$323.63	17.19%	\$5,784.71	\$5,784.71	\$0.00	0.00%	\$7,667.00	\$7,990.63	\$323.63	4.22%
15,000	\$1,999.45	\$2,346.20	\$346.75	17.34%	\$6,197.90	\$6,197.90	\$0.00	0.00%	\$8,197.35	\$8,544.10	\$346.75	4.23%
16,000	\$2,116.60	\$2,486.47	\$369.87	17.47%	\$6,611.09	\$6,611.09	\$0.00	0.00%	\$8,727.70	\$9,097.56	\$369.87	4.24%
17,000	\$2,233.76	\$2,626.75	\$392.99	17.59%	\$7,024.29	\$7,024.29	\$0.00	0.00%	\$9,258.04	\$9,651.03	\$392.99	4.24%
18,000	\$2,350.91	\$2,767.02	\$416.11	17.70%	\$7,437.48	\$7,437.48	\$0.00	0.00%	\$9,788.39	\$10,204.50	\$416.11	4.25%
19,000	\$2,468.07	\$2,907.29	\$439.23	17.80%	\$7,850.67	\$7,850.67	\$0.00	0.00%	\$10,318.74	\$10,757.97	\$439.23	4.26%
20,000	\$2,585.22	\$3,047.57	\$462.35	17.88%	\$8,263.87	\$8,263.87	\$0.00	0.00%	\$10,849.09	\$11,311.44	\$462.35	4.26%
21,000	\$2,702.38	\$3,187.84	\$485.47	17.96%	\$8,677.06	\$8,677.06	\$0.00	0.00%	\$11,379.44	\$11,864.91	\$485.47	4.27%
22,000	\$2,819.53	\$3,328.12	\$508.59	18.04%	\$9,090.25	\$9,090.25	\$0.00	0.00%	\$11,909.79	\$12,418.37	\$508.59	4.27%
23,000	\$2,936.69	\$3,468.39	\$531.71	18.11%	\$9,503.45	\$9,503.45	\$0.00	0.00%	\$12,440.13	\$12,971.84	\$531.71	4.27%
25,000	\$3,171.00	\$3,748.94	\$577.95	18.23%	\$10,329.83	\$10,329.83	\$0.00	0.00%	\$13,500.83	\$14,078.78	\$577.95	4.28%
25,500	\$3,229.57	\$3,819.08	\$589.51	18.25%	\$10,536.43	\$10,536.43	\$0.00	0.00%	\$13,766.00	\$14,355.51	\$589.51	4.28%
30,000	\$3,756.77	\$4,450.32	\$693.55	18.46%	\$12,395.80	\$12,395.80	\$0.00	0.00%	\$16,152.57	\$16,846.12	\$693.55	4.29%
Average	\$4,055.87	\$4,808.44	\$752.57	18.56%	\$13,450.68	\$13,450.68	\$0.00	0.00%	\$17,506.55	\$18,259.12	\$752.57	4.30%
35,000	\$4,342.55	\$5,151.69	\$809.15	18.63%	\$14,461.77	\$14,461.77	\$0.00	0.00%	\$18,804.31	\$19,613.46	\$809.15	4.30%
40,000	\$4,928.32	\$5,853.07	\$924.75	18.76%	\$16,527.73	\$16,527.73	\$0.00	0.00%	\$21,456.06	\$22,380.80	\$924.75	4.31%
45,000	\$5,514.10	\$6,554.44	\$1,040.34	18.87%	\$18,593.70	\$18,593.70	\$0.00	0.00%	\$24,107.80	\$25,148.14	\$1,040.34	4.32%
50,000	\$6,099.87	\$7,255.81	\$1,155.94	18.95%	\$20,659.67	\$20,659.67	\$0.00	0.00%	\$26,759.54	\$27,915.48	\$1,155.94	4.32%
55,000	\$6,685.65	\$7,957.19	\$1,271.54	19.02%	\$22,725.64	\$22,725.64	\$0.00	0.00%	\$29,411.28	\$30,682.82	\$1,271.54	4.32%
60,000	\$7,271.42	\$8,658.56	\$1,387.14	19.08%	\$24,791.60	\$24,791.60	\$0.00	0.00%	\$32,063.02	\$33,450.17	\$1,387.14	4.33%
65,000	\$7,857.20	\$9,359.94	\$1,502.74	19.13%	\$26,857.57	\$26,857.57	\$0.00	0.00%	\$34,714.77	\$36,217.51	\$1,502.74	4.33%
70,000	\$8,442.97	\$10,061.31	\$1,618.34	19.17%	\$28,923.54	\$28,923.54	\$0.00	0.00%	\$37,366.51	\$38,984.85	\$1,618.34	4.33%
75,000	\$9,028.75	\$10,762.68	\$1,733.94	19.20%	\$30,989.50	\$30,989.50	\$0.00	0.00%	\$40,018.25	\$41,752.19	\$1,733.94	4.33%
80,000	\$9,614.52	\$11,464.06	\$1,849.54	19.24%	\$33,055.47	\$33,055.47	\$0.00	0.00%	\$42,669.99	\$44,519.53	\$1,849.54	4.33%
85,000	\$10,200.30	\$12,165.43	\$1,965.14	19.27%	\$35,121.44	\$35,121.44	\$0.00	0.00%	\$45,321.73	\$47,286.87	\$1,965.14	4.34%
90,000	\$10,786.07	\$12,866.81	\$2,080.74	19.29%	\$37,187.40	\$37,187.40	\$0.00	0.00%	\$47,973.47	\$50,054.21	\$2,080.74	4.34%
95,000	\$11,371.85	\$13,568.18	\$2,196.34	19.31%	\$39,253.37	\$39,253.37	\$0.00	0.00%	\$50,625.22	\$52,821.55	\$2,196.34	4.34%
100,000	\$11,957.62	\$14,269.56	\$2,311.93	19.33%	\$41,319.34	\$41,319.34	\$0.00	0.00%	\$53,276.96	\$55,588.89	\$2,311.93	4.34%
105,000	\$12,543.40	\$14,970.93	\$2,427.53	19.35%	\$43,385.30	\$43,385.30	\$0.00	0.00%	\$55,928.70	\$58,356.23	\$2,427.53	4.34%
110,000	\$13,129.17	\$15,672.30	\$2,543.13	19.37%	\$45,451.27	\$45,451.27	\$0.00	0.00%	\$58,580.44	\$61,123.57	\$2,543.13	4.34%
115,000	\$13,714.95	\$16,373.68	\$2,658.73	19.39%	\$47,517.24	\$47,517.24	\$0.00	0.00%	\$61,232.18	\$63,890.92	\$2,658.73	4.34%
120,000	\$14,300.72	\$17,075.05	\$2,774.33	19.40%	\$49,583.20	\$49,583.20	\$0.00	0.00%	\$63,883.93	\$66,658.26	\$2,774.33	4.34%
125,000	\$14,886.50	\$17,776.43	\$2,889.93	19.41%	\$51,649.17	\$51,649.17	\$0.00	0.00%	\$66,535.67	\$69,425.60	\$2,889.93	4.34%
130,000	\$15,472.27	\$18,477.80	\$3,005.53	19.43%	\$53,715.14	\$53,715.14	\$0.00	0.00%	\$69,187.41	\$72,192.94	\$3,005.53	4.34%
FY 23					Stayout Period						Difference	Change
First 10 or Less			\$235.61				\$235.61				\$0.00	0.00%
Over 10 Therms per Therm			\$0.101300				\$0.106000				\$0.005	4.64%
Billing & Payment Processing			\$1.310000				\$1.310000				\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Revenue Decoupling Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%
TC/TT Revenue Surcharge / Credit			\$0.000000				\$0.000000				\$0.000	0.00%
Gas Safety and Reliability Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Tax Reform			\$0.000000				\$0.000000				\$0.000	0.00%
NY Facilities System Surcharge / Surcredit			\$0.000000				\$0.000000				\$0.000	0.00%
Earning Adjustment Mechanism			\$0.000000				\$0.000000				\$0.000	0.00%
Newtown Creek Revenue Reconciliation			\$0.000000				\$0.000000				\$0.000	0.00%
Non Labor Demand Response O&M Cost			\$0.000102				\$0.000115				\$0.000	13.65%
Demand Capacity Surcharge Mechanism			\$0.012746				\$0.028657				\$0.016	124.82%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms			\$0.000000				\$0.001902				\$0.002	0.00%
Clean Energy Fund			\$0.000000				\$0.000000				\$0.000	0.00%
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Monthly Cost of Gas			\$0.390734				\$0.390734				\$0.000	0.00%
Merchant Function Charge			\$0.011854				\$0.011854				\$0.000	0.00%
GRT on Delivery			2.407000%				2.407000%				\$0.000	0.00%
GRT on Supply			2.407000%				2.407000%				\$0.000	0.00%
MTA on Delivery			0.222000%				0.222000%				\$0.000	0.00%
MTA on Supply			0.222000%				0.222000%				\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (November - March)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$243.16	\$243.16	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$243.16	\$243.16	\$0.00	0.00%	
10	\$243.29	\$243.48	\$0.18	0.08%	\$4.13	\$4.13	\$0.00	0.00%	\$247.43	\$247.61	\$0.18	0.07%	
20	\$244.75	\$245.18	\$0.43	0.17%	\$8.26	\$8.26	\$0.00	0.00%	\$253.01	\$253.44	\$0.43	0.17%	
50	\$249.12	\$250.29	\$1.16	0.47%	\$20.66	\$20.66	\$0.00	0.00%	\$269.78	\$270.95	\$1.16	0.43%	
100	\$256.41	\$258.80	\$2.38	0.93%	\$41.32	\$41.32	\$0.00	0.00%	\$297.73	\$300.12	\$2.38	0.80%	
1,000	\$387.63	\$412.02	\$24.39	6.29%	\$413.19	\$413.19	\$0.00	0.00%	\$800.82	\$825.21	\$24.39	3.05%	
5,000	\$970.79	\$1,092.99	\$122.21	12.59%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$3,036.75	\$3,158.96	\$122.21	4.02%	
6,000	\$1,116.58	\$1,263.24	\$146.66	13.14%	\$2,479.16	\$2,479.16	\$0.00	0.00%	\$3,595.74	\$3,742.40	\$146.66	4.08%	
7,000	\$1,262.37	\$1,433.48	\$171.12	13.56%	\$2,892.35	\$2,892.35	\$0.00	0.00%	\$4,154.72	\$4,325.84	\$171.12	4.12%	
8,000	\$1,408.16	\$1,603.73	\$195.57	13.89%	\$3,305.55	\$3,305.55	\$0.00	0.00%	\$4,713.70	\$4,909.27	\$195.57	4.15%	
9,000	\$1,553.94	\$1,773.97	\$220.03	14.16%	\$3,718.74	\$3,718.74	\$0.00	0.00%	\$5,272.69	\$5,492.71	\$220.03	4.17%	
10,000	\$1,699.73	\$1,944.21	\$244.48	14.38%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$5,831.67	\$6,076.15	\$244.48	4.19%	
11,000	\$1,845.52	\$2,114.46	\$268.93	14.57%	\$4,545.13	\$4,545.13	\$0.00	0.00%	\$6,390.65	\$6,659.59	\$268.93	4.21%	
12,000	\$1,991.31	\$2,284.70	\$293.39	14.73%	\$4,958.32	\$4,958.32	\$0.00	0.00%	\$6,949.64	\$7,243.02	\$293.39	4.22%	
13,000	\$2,137.10	\$2,454.95	\$317.84	14.87%	\$5,371.51	\$5,371.51	\$0.00	0.00%	\$7,508.62	\$7,826.46	\$317.84	4.23%	
14,000	\$2,282.89	\$2,625.19	\$342.30	14.99%	\$5,784.71	\$5,784.71	\$0.00	0.00%	\$8,067.60	\$8,409.90	\$342.30	4.24%	
15,000	\$2,428.68	\$2,795.43	\$366.75	15.10%	\$6,197.90	\$6,197.90	\$0.00	0.00%	\$8,626.59	\$8,993.34	\$366.75	4.25%	
16,000	\$2,574.47	\$2,965.68	\$391.20	15.20%	\$6,611.09	\$6,611.09	\$0.00	0.00%	\$9,185.57	\$9,576.77	\$391.20	4.26%	
17,000	\$2,720.26	\$3,135.92	\$415.66	15.28%	\$7,024.29	\$7,024.29	\$0.00	0.00%	\$9,744.55	\$10,160.21	\$415.66	4.27%	
18,000	\$2,866.05	\$3,306.17	\$440.11	15.36%	\$7,437.48	\$7,437.48	\$0.00	0.00%	\$10,303.54	\$10,743.65	\$440.11	4.27%	
19,000	\$3,011.84	\$3,476.41	\$464.57	15.42%	\$7,850.67	\$7,850.67	\$0.00	0.00%	\$10,862.52	\$11,327.08	\$464.57	4.28%	
20,000	\$3,157.63	\$3,646.65	\$489.02	15.49%	\$8,263.87	\$8,263.87	\$0.00	0.00%	\$11,421.50	\$11,910.52	\$489.02	4.28%	
21,000	\$3,303.42	\$3,816.90	\$513.47	15.54%	\$8,677.06	\$8,677.06	\$0.00	0.00%	\$11,980.49	\$12,493.96	\$513.47	4.29%	
22,000	\$3,449.21	\$3,987.14	\$537.93	15.60%	\$9,090.25	\$9,090.25	\$0.00	0.00%	\$12,539.47	\$13,077.40	\$537.93	4.29%	
23,000	\$3,595.00	\$4,157.39	\$562.38	15.64%	\$9,503.45	\$9,503.45	\$0.00	0.00%	\$13,098.45	\$13,660.83	\$562.38	4.29%	
25,000	\$3,886.58	\$4,497.87	\$611.29	15.73%	\$10,329.83	\$10,329.83	\$0.00	0.00%	\$14,216.42	\$14,827.71	\$611.29	4.30%	
25,500	\$3,959.48	\$4,583.00	\$623.52	15.75%	\$10,536.43	\$10,536.43	\$0.00	0.00%	\$14,495.91	\$15,119.43	\$623.52	4.30%	
30,000	\$4,615.53	\$5,349.10	\$733.56	15.89%	\$12,395.80	\$12,395.80	\$0.00	0.00%	\$17,011.34	\$17,744.90	\$733.56	4.31%	
Average	\$32,553	\$4,987.74	\$5,783.73	\$795.99	15.96%	\$13,450.68	\$13,450.68	\$0.00	0.00%	\$18,438.42	\$19,234.41	\$795.99	4.32%
35,000	\$5,344.48	\$6,200.32	\$855.83	16.01%	\$14,461.77	\$14,461.77	\$0.00	0.00%	\$19,806.25	\$20,662.08	\$855.83	4.32%	
40,000	\$6,073.43	\$7,051.54	\$978.10	16.10%	\$16,527.73	\$16,527.73	\$0.00	0.00%	\$22,601.17	\$23,579.27	\$978.10	4.33%	
45,000	\$6,802.38	\$7,902.76	\$1,100.37	16.18%	\$18,593.70	\$18,593.70	\$0.00	0.00%	\$25,396.09	\$26,496.46	\$1,100.37	4.33%	
50,000	\$7,531.33	\$8,753.98	\$1,222.64	16.23%	\$20,659.67	\$20,659.67	\$0.00	0.00%	\$28,191.00	\$29,413.64	\$1,222.64	4.34%	
55,000	\$8,260.28	\$9,605.20	\$1,344.91	16.28%	\$22,725.64	\$22,725.64	\$0.00	0.00%	\$30,985.92	\$32,330.83	\$1,344.91	4.34%	
60,000	\$8,989.23	\$10,456.42	\$1,467.18	16.32%	\$24,791.60	\$24,791.60	\$0.00	0.00%	\$33,780.84	\$35,248.02	\$1,467.18	4.34%	
65,000	\$9,718.18	\$11,307.64	\$1,589.45	16.36%	\$26,857.57	\$26,857.57	\$0.00	0.00%	\$36,575.75	\$38,165.21	\$1,589.45	4.35%	
70,000	\$10,447.13	\$12,158.86	\$1,711.72	16.38%	\$28,923.54	\$28,923.54	\$0.00	0.00%	\$39,370.67	\$41,082.39	\$1,711.72	4.35%	
75,000	\$11,176.08	\$13,010.08	\$1,833.99	16.41%	\$30,989.50	\$30,989.50	\$0.00	0.00%	\$42,165.59	\$43,999.58	\$1,833.99	4.35%	
80,000	\$11,905.03	\$13,861.30	\$1,956.26	16.43%	\$33,055.47	\$33,055.47	\$0.00	0.00%	\$44,960.50	\$46,916.77	\$1,956.26	4.35%	
85,000	\$12,633.98	\$14,712.52	\$2,078.54	16.45%	\$35,121.44	\$35,121.44	\$0.00	0.00%	\$47,755.42	\$49,833.95	\$2,078.54	4.35%	
90,000	\$13,362.93	\$15,563.74	\$2,200.81	16.47%	\$37,187.40	\$37,187.40	\$0.00	0.00%	\$50,550.34	\$52,751.14	\$2,200.81	4.35%	
95,000	\$14,091.88	\$16,414.96	\$2,323.08	16.49%	\$39,253.37	\$39,253.37	\$0.00	0.00%	\$53,345.25	\$55,668.33	\$2,323.08	4.35%	
100,000	\$14,820.83	\$17,266.18	\$2,445.35	16.50%	\$41,319.34	\$41,319.34	\$0.00	0.00%	\$56,140.17	\$58,585.52	\$2,445.35	4.36%	
105,000	\$15,549.78	\$18,117.40	\$2,567.62	16.51%	\$43,385.30	\$43,385.30	\$0.00	0.00%	\$58,935.09	\$61,502.70	\$2,567.62	4.36%	
110,000	\$16,278.73	\$18,968.62	\$2,689.89	16.52%	\$45,451.27	\$45,451.27	\$0.00	0.00%	\$61,730.00	\$64,419.89	\$2,689.89	4.36%	
115,000	\$17,007.68	\$19,819.84	\$2,812.16	16.53%	\$47,517.24	\$47,517.24	\$0.00	0.00%	\$64,524.92	\$67,337.08	\$2,812.16	4.36%	
120,000	\$17,736.63	\$20,671.06	\$2,934.43	16.54%	\$49,583.20	\$49,583.20	\$0.00	0.00%	\$67,319.84	\$70,254.26	\$2,934.43	4.36%	
125,000	\$18,465.58	\$21,522.28	\$3,056.70	16.55%	\$51,649.17	\$51,649.17	\$0.00	0.00%	\$70,114.75	\$73,171.45	\$3,056.70	4.36%	
130,000	\$19,194.53	\$22,373.50	\$3,178.97	16.56%	\$53,715.14	\$53,715.14	\$0.00	0.00%	\$72,909.67	\$76,088.64	\$3,178.97	4.36%	
FY 23					Stayout Period						Difference	Change	
First 10 or Less				\$235.61				\$235.61			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.129200				\$0.135200			\$0.006	4.64%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/TT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000102				\$0.000115			\$0.000	13.65%	
Demand Capacity Surcharge Mechanism				\$0.012746				\$0.028657			\$0.016	124.82%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.001902			\$0.002	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.390734				\$0.390734			\$0.000	0.00%	
Merchant Function Charge				\$0.011854				\$0.011854			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (April - October)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
Therm Usage												
-	\$343.26	\$343.26	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$343.26	\$343.26	\$0.00	0.00%
10	\$343.39	\$343.58	\$0.18	0.05%	\$4.13	\$4.13	\$0.00	0.00%	\$347.52	\$347.71	\$0.18	0.05%
20	\$344.56	\$344.98	\$0.41	0.12%	\$8.26	\$8.26	\$0.00	0.00%	\$352.83	\$353.24	\$0.41	0.12%
50	\$348.08	\$349.19	\$1.11	0.32%	\$20.66	\$20.66	\$0.00	0.00%	\$368.74	\$369.85	\$1.11	0.30%
100	\$353.94	\$356.20	\$2.26	0.64%	\$41.32	\$41.32	\$0.00	0.00%	\$395.26	\$397.52	\$2.26	0.57%
1,000	\$459.38	\$482.45	\$23.07	5.02%	\$413.19	\$413.19	\$0.00	0.00%	\$872.57	\$895.64	\$23.07	2.64%
5,000	\$928.00	\$1,043.55	\$115.55	12.45%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$2,993.96	\$3,109.51	\$115.55	3.86%
6,000	\$1,045.15	\$1,183.82	\$138.67	13.27%	\$2,479.16	\$2,479.16	\$0.00	0.00%	\$3,524.31	\$3,662.98	\$138.67	3.93%
7,000	\$1,162.31	\$1,324.10	\$161.79	13.92%	\$2,892.35	\$2,892.35	\$0.00	0.00%	\$4,054.66	\$4,216.45	\$161.79	3.99%
8,000	\$1,279.46	\$1,464.37	\$184.91	14.45%	\$3,305.55	\$3,305.55	\$0.00	0.00%	\$4,585.01	\$4,769.92	\$184.91	4.03%
9,000	\$1,396.62	\$1,604.65	\$208.03	14.90%	\$3,718.74	\$3,718.74	\$0.00	0.00%	\$5,115.36	\$5,323.39	\$208.03	4.07%
10,000	\$1,513.77	\$1,744.92	\$231.15	15.27%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$5,645.70	\$5,876.85	\$231.15	4.09%
11,000	\$1,630.93	\$1,885.20	\$254.27	15.59%	\$4,545.13	\$4,545.13	\$0.00	0.00%	\$6,176.05	\$6,430.32	\$254.27	4.12%
12,000	\$1,748.08	\$2,025.47	\$277.39	15.87%	\$4,958.32	\$4,958.32	\$0.00	0.00%	\$6,706.40	\$6,983.79	\$277.39	4.14%
13,000	\$1,865.24	\$2,165.75	\$300.51	16.11%	\$5,371.51	\$5,371.51	\$0.00	0.00%	\$7,236.75	\$7,537.26	\$300.51	4.15%
14,000	\$1,982.39	\$2,306.02	\$323.63	16.33%	\$5,784.71	\$5,784.71	\$0.00	0.00%	\$7,767.10	\$8,090.73	\$323.63	4.17%
15,000	\$2,099.55	\$2,446.29	\$346.75	16.52%	\$6,197.90	\$6,197.90	\$0.00	0.00%	\$8,297.45	\$8,644.20	\$346.75	4.18%
16,000	\$2,216.70	\$2,586.57	\$369.87	16.69%	\$6,611.09	\$6,611.09	\$0.00	0.00%	\$8,827.79	\$9,197.66	\$369.87	4.19%
17,000	\$2,333.86	\$2,726.84	\$392.99	16.84%	\$7,024.29	\$7,024.29	\$0.00	0.00%	\$9,358.14	\$9,751.13	\$392.99	4.20%
18,000	\$2,451.01	\$2,867.12	\$416.11	16.98%	\$7,437.48	\$7,437.48	\$0.00	0.00%	\$9,888.49	\$10,304.60	\$416.11	4.21%
19,000	\$2,568.17	\$3,007.39	\$439.23	17.10%	\$7,850.67	\$7,850.67	\$0.00	0.00%	\$10,418.84	\$10,858.07	\$439.23	4.22%
20,000	\$2,685.32	\$3,147.67	\$462.35	17.22%	\$8,263.87	\$8,263.87	\$0.00	0.00%	\$10,949.19	\$11,411.54	\$462.35	4.22%
21,000	\$2,802.48	\$3,287.94	\$485.47	17.32%	\$8,677.06	\$8,677.06	\$0.00	0.00%	\$11,479.54	\$11,965.00	\$485.47	4.23%
22,000	\$2,919.63	\$3,428.22	\$508.59	17.42%	\$9,090.25	\$9,090.25	\$0.00	0.00%	\$12,009.88	\$12,518.47	\$508.59	4.23%
23,000	\$3,036.79	\$3,568.49	\$531.71	17.51%	\$9,503.45	\$9,503.45	\$0.00	0.00%	\$12,540.23	\$13,071.94	\$531.71	4.24%
25,000	\$3,271.10	\$3,849.04	\$577.95	17.67%	\$10,329.83	\$10,329.83	\$0.00	0.00%	\$13,600.93	\$14,178.88	\$577.95	4.25%
25,500	\$3,329.67	\$3,919.18	\$589.51	17.70%	\$10,536.43	\$10,536.43	\$0.00	0.00%	\$13,866.10	\$14,455.61	\$589.51	4.25%
30,000	\$3,856.87	\$4,550.42	\$693.55	17.98%	\$12,395.80	\$12,395.80	\$0.00	0.00%	\$16,252.67	\$16,946.22	\$693.55	4.27%
Average	\$4,155.97	\$4,908.54	\$752.57	18.11%	\$13,450.68	\$13,450.68	\$0.00	0.00%	\$17,606.65	\$18,359.22	\$752.57	4.27%
35,000	\$4,442.65	\$5,251.79	\$809.15	18.21%	\$14,461.77	\$14,461.77	\$0.00	0.00%	\$18,904.41	\$19,713.56	\$809.15	4.28%
40,000	\$5,028.42	\$5,953.17	\$924.75	18.39%	\$16,527.73	\$16,527.73	\$0.00	0.00%	\$21,556.16	\$22,480.90	\$924.75	4.29%
45,000	\$5,614.20	\$6,654.54	\$1,040.34	18.53%	\$18,593.70	\$18,593.70	\$0.00	0.00%	\$24,207.90	\$25,248.24	\$1,040.34	4.30%
50,000	\$6,199.97	\$7,355.91	\$1,155.94	18.64%	\$20,659.67	\$20,659.67	\$0.00	0.00%	\$26,859.64	\$28,015.58	\$1,155.94	4.30%
55,000	\$6,785.75	\$8,057.29	\$1,271.54	18.74%	\$22,725.64	\$22,725.64	\$0.00	0.00%	\$29,511.38	\$30,782.92	\$1,271.54	4.31%
60,000	\$7,371.52	\$8,758.66	\$1,387.14	18.82%	\$24,791.60	\$24,791.60	\$0.00	0.00%	\$32,163.12	\$33,550.26	\$1,387.14	4.31%
65,000	\$7,957.30	\$9,460.04	\$1,502.74	18.89%	\$26,857.57	\$26,857.57	\$0.00	0.00%	\$34,814.86	\$36,317.61	\$1,502.74	4.32%
70,000	\$8,543.07	\$10,161.41	\$1,618.34	18.94%	\$28,923.54	\$28,923.54	\$0.00	0.00%	\$37,466.61	\$39,084.95	\$1,618.34	4.32%
75,000	\$9,128.85	\$10,862.78	\$1,733.94	18.99%	\$30,989.50	\$30,989.50	\$0.00	0.00%	\$40,118.35	\$41,852.29	\$1,733.94	4.32%
80,000	\$9,714.62	\$11,564.16	\$1,849.54	19.04%	\$33,055.47	\$33,055.47	\$0.00	0.00%	\$42,770.09	\$44,619.63	\$1,849.54	4.32%
85,000	\$10,300.39	\$12,265.53	\$1,965.14	19.08%	\$35,121.44	\$35,121.44	\$0.00	0.00%	\$45,421.83	\$47,386.97	\$1,965.14	4.33%
90,000	\$10,886.17	\$12,966.91	\$2,080.74	19.11%	\$37,187.40	\$37,187.40	\$0.00	0.00%	\$48,073.57	\$50,154.31	\$2,080.74	4.33%
95,000	\$11,471.94	\$13,668.28	\$2,196.34	19.15%	\$39,253.37	\$39,253.37	\$0.00	0.00%	\$50,725.32	\$52,921.65	\$2,196.34	4.33%
100,000	\$12,057.72	\$14,369.65	\$2,311.93	19.17%	\$41,319.34	\$41,319.34	\$0.00	0.00%	\$53,377.06	\$55,688.99	\$2,311.93	4.33%
105,000	\$12,643.49	\$15,071.03	\$2,427.53	19.20%	\$43,385.30	\$43,385.30	\$0.00	0.00%	\$56,028.80	\$58,456.33	\$2,427.53	4.33%
110,000	\$13,229.27	\$15,772.40	\$2,543.13	19.22%	\$45,451.27	\$45,451.27	\$0.00	0.00%	\$58,680.54	\$61,223.67	\$2,543.13	4.33%
115,000	\$13,815.04	\$16,473.78	\$2,658.73	19.25%	\$47,517.24	\$47,517.24	\$0.00	0.00%	\$61,332.28	\$63,991.02	\$2,658.73	4.33%
120,000	\$14,400.82	\$17,175.15	\$2,774.33	19.27%	\$49,583.20	\$49,583.20	\$0.00	0.00%	\$63,984.02	\$66,758.36	\$2,774.33	4.34%
125,000	\$14,986.59	\$17,876.53	\$2,889.93	19.28%	\$51,649.17	\$51,649.17	\$0.00	0.00%	\$66,635.77	\$69,525.70	\$2,889.93	4.34%
130,000	\$15,572.37	\$18,577.90	\$3,005.53	19.30%	\$53,715.14	\$53,715.14	\$0.00	0.00%	\$69,287.51	\$72,293.04	\$3,005.53	4.34%
FY 23					Stayout Period						Difference	Change
First 10 or Less				\$333.14				\$333.14			\$0.00	0.00%
Over 10 Therms per Therm				\$0.101300				\$0.106000			\$0.005	4.64%
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000102				\$0.000115			\$0.000	13.65%
Demand Capacity Surcharge Mechanism				\$0.012746				\$0.028657			\$0.016	124.82%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.001902			\$0.002	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.390734				\$0.390734			\$0.000	0.00%
Merchant Function Charge				\$0.011854				\$0.011854			\$0.000	0.00%
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 2 – equal to or greater than 1MW but less than 5MW (November - March)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$343.26	\$343.26	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$343.26	\$343.26	\$0.00	0.00%	
10	\$343.39	\$343.58	\$0.18	0.05%	\$4.13	\$4.13	\$0.00	0.00%	\$347.52	\$347.71	\$0.18	0.05%	
20	\$344.85	\$345.28	\$0.43	0.12%	\$8.26	\$8.26	\$0.00	0.00%	\$353.11	\$353.54	\$0.43	0.12%	
50	\$349.22	\$350.39	\$1.16	0.33%	\$20.66	\$20.66	\$0.00	0.00%	\$369.88	\$371.04	\$1.16	0.31%	
100	\$356.51	\$358.90	\$2.38	0.67%	\$41.32	\$41.32	\$0.00	0.00%	\$397.83	\$400.22	\$2.38	0.60%	
1,000	\$487.72	\$512.12	\$24.39	5.00%	\$413.19	\$413.19	\$0.00	0.00%	\$900.92	\$925.31	\$24.39	2.71%	
5,000	\$1,070.88	\$1,193.09	\$122.21	11.41%	\$2,065.97	\$2,065.97	\$0.00	0.00%	\$3,136.85	\$3,259.06	\$122.21	3.90%	
6,000	\$1,216.67	\$1,363.34	\$146.66	12.05%	\$2,479.16	\$2,479.16	\$0.00	0.00%	\$3,695.83	\$3,842.50	\$146.66	3.97%	
7,000	\$1,362.46	\$1,533.58	\$171.12	12.56%	\$2,892.35	\$2,892.35	\$0.00	0.00%	\$4,254.82	\$4,425.93	\$171.12	4.02%	
8,000	\$1,508.25	\$1,703.83	\$195.57	12.97%	\$3,305.55	\$3,305.55	\$0.00	0.00%	\$4,813.80	\$5,009.37	\$195.57	4.06%	
9,000	\$1,654.04	\$1,874.07	\$220.03	13.30%	\$3,718.74	\$3,718.74	\$0.00	0.00%	\$5,372.78	\$5,592.81	\$220.03	4.10%	
10,000	\$1,799.83	\$2,044.31	\$244.48	13.58%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$5,931.77	\$6,176.25	\$244.48	4.12%	
11,000	\$1,945.62	\$2,214.56	\$268.93	13.82%	\$4,545.13	\$4,545.13	\$0.00	0.00%	\$6,490.75	\$6,759.68	\$268.93	4.14%	
12,000	\$2,091.41	\$2,384.80	\$293.39	14.03%	\$4,958.32	\$4,958.32	\$0.00	0.00%	\$7,049.73	\$7,343.12	\$293.39	4.16%	
13,000	\$2,237.20	\$2,555.05	\$317.84	14.21%	\$5,371.51	\$5,371.51	\$0.00	0.00%	\$7,608.72	\$7,926.56	\$317.84	4.18%	
14,000	\$2,382.99	\$2,725.29	\$342.30	14.36%	\$5,784.71	\$5,784.71	\$0.00	0.00%	\$8,167.70	\$8,510.00	\$342.30	4.19%	
15,000	\$2,528.78	\$2,895.53	\$366.75	14.50%	\$6,197.90	\$6,197.90	\$0.00	0.00%	\$8,726.68	\$9,093.43	\$366.75	4.20%	
16,000	\$2,674.57	\$3,065.78	\$391.20	14.63%	\$6,611.09	\$6,611.09	\$0.00	0.00%	\$9,285.67	\$9,676.87	\$391.20	4.21%	
17,000	\$2,820.36	\$3,236.02	\$415.66	14.74%	\$7,024.29	\$7,024.29	\$0.00	0.00%	\$9,844.65	\$10,260.31	\$415.66	4.22%	
18,000	\$2,966.15	\$3,406.27	\$440.11	14.84%	\$7,437.48	\$7,437.48	\$0.00	0.00%	\$10,403.63	\$10,843.75	\$440.11	4.23%	
19,000	\$3,111.94	\$3,576.51	\$464.57	14.93%	\$7,850.67	\$7,850.67	\$0.00	0.00%	\$10,962.62	\$11,427.18	\$464.57	4.24%	
20,000	\$3,257.73	\$3,746.75	\$489.02	15.01%	\$8,263.87	\$8,263.87	\$0.00	0.00%	\$11,521.60	\$12,010.62	\$489.02	4.24%	
21,000	\$3,403.52	\$3,917.00	\$513.47	15.09%	\$8,677.06	\$8,677.06	\$0.00	0.00%	\$12,080.58	\$12,594.06	\$513.47	4.25%	
22,000	\$3,549.31	\$4,087.24	\$537.93	15.16%	\$9,090.25	\$9,090.25	\$0.00	0.00%	\$12,639.57	\$13,177.50	\$537.93	4.26%	
23,000	\$3,695.10	\$4,257.49	\$562.38	15.22%	\$9,503.45	\$9,503.45	\$0.00	0.00%	\$13,198.55	\$13,760.93	\$562.38	4.26%	
25,000	\$3,986.68	\$4,597.97	\$611.29	15.33%	\$10,329.83	\$10,329.83	\$0.00	0.00%	\$14,316.52	\$14,927.81	\$611.29	4.27%	
25,500	\$4,059.58	\$4,683.10	\$623.52	15.36%	\$10,536.43	\$10,536.43	\$0.00	0.00%	\$14,596.01	\$15,219.53	\$623.52	4.27%	
30,000	\$4,715.63	\$5,449.19	\$733.56	15.56%	\$12,395.80	\$12,395.80	\$0.00	0.00%	\$17,111.43	\$17,845.00	\$733.56	4.29%	
Average	\$2,553	\$5,087.84	\$5,883.83	\$795.99	15.65%	\$13,450.68	\$13,450.68	\$0.00	0.00%	\$18,538.52	\$19,334.51	\$795.99	4.29%
35,000	\$5,444.58	\$6,300.41	\$855.83	15.72%	\$14,461.77	\$14,461.77	\$0.00	0.00%	\$19,906.35	\$20,762.18	\$855.83	4.30%	
40,000	\$6,173.53	\$7,151.63	\$978.10	15.84%	\$16,527.73	\$16,527.73	\$0.00	0.00%	\$22,701.27	\$23,679.37	\$978.10	4.31%	
45,000	\$6,902.48	\$8,002.86	\$1,100.37	15.94%	\$18,593.70	\$18,593.70	\$0.00	0.00%	\$25,496.19	\$26,596.56	\$1,100.37	4.32%	
50,000	\$7,631.43	\$8,854.08	\$1,222.64	16.02%	\$20,659.67	\$20,659.67	\$0.00	0.00%	\$28,291.10	\$29,513.74	\$1,222.64	4.32%	
55,000	\$8,360.38	\$9,705.30	\$1,344.91	16.09%	\$22,725.64	\$22,725.64	\$0.00	0.00%	\$31,086.02	\$32,430.93	\$1,344.91	4.33%	
60,000	\$9,089.33	\$10,556.52	\$1,467.18	16.14%	\$24,791.60	\$24,791.60	\$0.00	0.00%	\$33,880.94	\$35,348.12	\$1,467.18	4.33%	
65,000	\$9,818.28	\$11,407.74	\$1,589.45	16.19%	\$26,857.57	\$26,857.57	\$0.00	0.00%	\$36,675.85	\$38,265.31	\$1,589.45	4.33%	
70,000	\$10,547.23	\$12,258.96	\$1,711.72	16.23%	\$28,923.54	\$28,923.54	\$0.00	0.00%	\$39,470.77	\$41,182.49	\$1,711.72	4.34%	
75,000	\$11,276.18	\$13,110.18	\$1,833.99	16.26%	\$30,989.50	\$30,989.50	\$0.00	0.00%	\$42,265.69	\$44,099.68	\$1,833.99	4.34%	
80,000	\$12,005.13	\$13,961.40	\$1,956.26	16.30%	\$33,055.47	\$33,055.47	\$0.00	0.00%	\$45,060.60	\$47,016.87	\$1,956.26	4.34%	
85,000	\$12,734.08	\$14,812.62	\$2,078.54	16.32%	\$35,121.44	\$35,121.44	\$0.00	0.00%	\$47,855.52	\$49,934.05	\$2,078.54	4.34%	
90,000	\$13,463.03	\$15,663.84	\$2,200.81	16.35%	\$37,187.40	\$37,187.40	\$0.00	0.00%	\$50,650.44	\$52,851.24	\$2,200.81	4.35%	
95,000	\$14,191.98	\$16,515.06	\$2,323.08	16.37%	\$39,253.37	\$39,253.37	\$0.00	0.00%	\$53,445.35	\$55,768.43	\$2,323.08	4.35%	
100,000	\$14,920.93	\$17,366.28	\$2,445.35	16.39%	\$41,319.34	\$41,319.34	\$0.00	0.00%	\$56,240.27	\$58,685.62	\$2,445.35	4.35%	
105,000	\$15,649.88	\$18,217.50	\$2,567.62	16.41%	\$43,385.30	\$43,385.30	\$0.00	0.00%	\$59,035.19	\$61,602.80	\$2,567.62	4.35%	
110,000	\$16,378.83	\$19,068.72	\$2,689.89	16.42%	\$45,451.27	\$45,451.27	\$0.00	0.00%	\$61,830.10	\$64,519.99	\$2,689.89	4.35%	
115,000	\$17,107.78	\$19,919.94	\$2,812.16	16.44%	\$47,517.24	\$47,517.24	\$0.00	0.00%	\$64,625.02	\$67,437.18	\$2,812.16	4.35%	
120,000	\$17,836.73	\$20,771.16	\$2,934.43	16.45%	\$49,583.20	\$49,583.20	\$0.00	0.00%	\$67,419.94	\$70,354.36	\$2,934.43	4.35%	
125,000	\$18,565.68	\$21,622.38	\$3,056.70	16.46%	\$51,649.17	\$51,649.17	\$0.00	0.00%	\$70,214.85	\$73,271.55	\$3,056.70	4.35%	
130,000	\$19,294.63	\$22,473.60	\$3,178.97	16.48%	\$53,715.14	\$53,715.14	\$0.00	0.00%	\$73,009.77	\$76,188.74	\$3,178.97	4.35%	
FY 23					Stayout Period						Difference	Change	
First 10 or Less				\$333.14				\$333.14			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.129200				\$0.135200			\$0.006	4.64%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000102				\$0.000115			\$0.000	13.65%	
Demand Capacity Surcharge Mechanism				\$0.012746				\$0.028657			\$0.016	124.82%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.001902			\$0.002	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.390734				\$0.390734			\$0.000	0.00%	
Merchant Function Charge				\$0.011854				\$0.011854			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 21 - Baseload Distributed Generation Sales Service
Rate 3 – equal to or greater than 5MW but less than 50MW(April - October)
Rate Year Three (FY 23) vs.Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$76,657.90	\$76,657.90	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$76,657.90	\$76,657.90	\$0.00	0.00%	
10	\$76,658.03	\$76,658.21	\$0.18	0.00%	\$4.13	\$4.13	\$0.00	0.00%	\$76,662.16	\$76,662.35	\$0.18	0.00%	
50	\$76,659.50	\$76,660.53	\$1.03	0.00%	\$20.66	\$20.66	\$0.00	0.00%	\$76,680.16	\$76,681.19	\$1.03	0.00%	
100	\$76,661.34	\$76,663.42	\$2.08	0.00%	\$41.32	\$41.32	\$0.00	0.00%	\$76,702.66	\$76,704.74	\$2.08	0.00%	
1,000	\$76,694.46	\$76,715.49	\$21.04	0.03%	\$413.19	\$413.19	\$0.00	0.00%	\$77,107.65	\$77,128.69	\$21.04	0.03%	
10,000	\$77,025.59	\$77,236.23	\$210.64	0.27%	\$4,131.93	\$4,131.93	\$0.00	0.00%	\$81,157.52	\$81,368.16	\$210.64	0.26%	
20,000	\$77,393.51	\$77,814.82	\$421.32	0.54%	\$8,263.87	\$8,263.87	\$0.00	0.00%	\$85,657.38	\$86,078.69	\$421.32	0.49%	
50,000	\$78,497.28	\$79,550.61	\$1,053.33	1.34%	\$20,659.67	\$20,659.67	\$0.00	0.00%	\$99,156.95	\$100,210.28	\$1,053.33	1.06%	
100,000	\$80,336.89	\$82,443.58	\$2,106.69	2.62%	\$41,319.34	\$41,319.34	\$0.00	0.00%	\$121,656.23	\$123,762.92	\$2,106.69	1.73%	
150,000	\$82,176.51	\$85,336.55	\$3,160.04	3.85%	\$61,979.01	\$61,979.01	\$0.00	0.00%	\$144,155.51	\$147,315.56	\$3,160.04	2.19%	
200,000	\$84,016.12	\$88,229.52	\$4,213.40	5.01%	\$82,638.67	\$82,638.67	\$0.00	0.00%	\$166,654.80	\$170,868.20	\$4,213.40	2.53%	
250,000	\$85,855.74	\$91,122.50	\$5,266.76	6.13%	\$103,298.34	\$103,298.34	\$0.00	0.00%	\$189,154.08	\$194,420.84	\$5,266.76	2.78%	
300,000	\$87,695.35	\$94,015.47	\$6,320.12	7.21%	\$123,958.01	\$123,958.01	\$0.00	0.00%	\$211,653.36	\$217,973.48	\$6,320.12	2.99%	
350,000	\$89,534.97	\$96,908.44	\$7,373.47	8.24%	\$144,617.68	\$144,617.68	\$0.00	0.00%	\$234,152.65	\$241,526.12	\$7,373.47	3.15%	
380,000	\$90,638.74	\$98,644.22	\$8,005.49	8.83%	\$157,013.48	\$157,013.48	\$0.00	0.00%	\$247,652.22	\$255,657.71	\$8,005.49	3.23%	
400,000	\$91,374.58	\$99,801.41	\$8,426.83	9.22%	\$165,277.35	\$165,277.35	\$0.00	0.00%	\$256,651.93	\$265,078.76	\$8,426.83	3.28%	
450,000	\$93,214.20	\$102,694.38	\$9,480.19	10.17%	\$185,937.02	\$185,937.02	\$0.00	0.00%	\$279,151.22	\$288,631.40	\$9,480.19	3.40%	
480,000	\$94,317.97	\$104,430.17	\$10,112.20	10.72%	\$198,332.82	\$198,332.82	\$0.00	0.00%	\$292,650.79	\$302,762.99	\$10,112.20	3.46%	
500,000	\$95,053.81	\$105,587.36	\$10,533.54	11.08%	\$206,596.69	\$206,596.69	\$0.00	0.00%	\$301,650.50	\$312,184.04	\$10,533.54	3.49%	
550,000	\$96,893.43	\$108,480.33	\$11,586.90	11.96%	\$227,256.36	\$227,256.36	\$0.00	0.00%	\$324,149.78	\$335,736.68	\$11,586.90	3.57%	
580,000	\$97,997.20	\$110,216.11	\$12,218.92	12.47%	\$239,652.16	\$239,652.16	\$0.00	0.00%	\$337,649.35	\$349,868.27	\$12,218.92	3.62%	
600,000	\$98,733.04	\$111,373.30	\$12,640.26	12.80%	\$247,916.02	\$247,916.02	\$0.00	0.00%	\$346,649.07	\$359,289.33	\$12,640.26	3.65%	
650,000	\$100,572.66	\$114,266.27	\$13,693.62	13.62%	\$268,575.69	\$268,575.69	\$0.00	0.00%	\$369,148.35	\$382,841.97	\$13,693.62	3.71%	
700,000	\$102,412.27	\$117,159.25	\$14,746.97	14.40%	\$289,235.36	\$289,235.36	\$0.00	0.00%	\$391,647.63	\$406,394.61	\$14,746.97	3.77%	
750,000	\$104,251.89	\$120,052.22	\$15,800.33	15.16%	\$309,895.03	\$309,895.03	\$0.00	0.00%	\$414,146.92	\$429,947.25	\$15,800.33	3.82%	
800,000	\$106,091.50	\$122,945.19	\$16,853.69	15.89%	\$330,554.70	\$330,554.70	\$0.00	0.00%	\$436,646.20	\$453,499.89	\$16,853.69	3.86%	
900,000	\$109,770.73	\$128,731.13	\$18,960.40	17.27%	\$371,874.04	\$371,874.04	\$0.00	0.00%	\$481,644.77	\$500,605.17	\$18,960.40	3.94%	
1,000,000	\$113,449.96	\$134,517.08	\$21,067.12	18.57%	\$413,193.37	\$413,193.37	\$0.00	0.00%	\$526,643.33	\$547,710.45	\$21,067.12	4.00%	
Average	1,365,622	\$126,902.03	\$155,671.76	\$28,769.73	22.67%	\$564,265.96	\$564,265.96	\$0.00	0.00%	\$691,168.00	\$719,937.73	\$28,769.73	4.16%
1,200,000	\$120,808.42	\$146,088.97	\$25,280.55	20.93%	\$495,832.05	\$495,832.05	\$0.00	0.00%	\$616,640.47	\$641,921.02	\$25,280.55	4.10%	
1,300,000	\$124,487.65	\$151,874.91	\$27,387.26	22.00%	\$537,151.39	\$537,151.39	\$0.00	0.00%	\$661,639.04	\$689,026.30	\$27,387.26	4.14%	
1,400,000	\$128,166.88	\$157,660.86	\$29,493.98	23.01%	\$578,470.72	\$578,470.72	\$0.00	0.00%	\$706,637.60	\$736,131.58	\$29,493.98	4.17%	
1,500,000	\$131,846.11	\$163,446.80	\$31,600.69	23.97%	\$619,790.06	\$619,790.06	\$0.00	0.00%	\$751,636.17	\$783,236.86	\$31,600.69	4.20%	
1,600,000	\$135,525.34	\$169,232.74	\$33,707.40	24.87%	\$661,109.40	\$661,109.40	\$0.00	0.00%	\$796,634.74	\$830,342.14	\$33,707.40	4.23%	
1,700,000	\$139,204.57	\$175,018.69	\$35,814.12	25.73%	\$702,428.74	\$702,428.74	\$0.00	0.00%	\$841,633.30	\$877,447.42	\$35,814.12	4.26%	
1,800,000	\$142,883.80	\$180,804.63	\$37,920.83	26.54%	\$743,748.07	\$743,748.07	\$0.00	0.00%	\$886,631.87	\$924,552.71	\$37,920.83	4.28%	
1,900,000	\$146,563.03	\$186,590.58	\$40,027.55	27.31%	\$785,067.41	\$785,067.41	\$0.00	0.00%	\$931,630.44	\$971,657.99	\$40,027.55	4.30%	
2,000,000	\$150,242.26	\$192,376.52	\$42,134.26	28.04%	\$826,386.75	\$826,386.75	\$0.00	0.00%	\$976,629.01	\$1,018,763.27	\$42,134.26	4.31%	
2,100,000	\$153,921.49	\$198,162.47	\$44,240.98	28.74%	\$867,706.09	\$867,706.09	\$0.00	0.00%	\$1,021,627.57	\$1,065,868.55	\$44,240.98	4.33%	
2,200,000	\$157,600.72	\$203,948.41	\$46,347.69	29.41%	\$909,025.42	\$909,025.42	\$0.00	0.00%	\$1,066,626.14	\$1,112,973.83	\$46,347.69	4.35%	
2,300,000	\$161,279.95	\$209,734.35	\$48,454.41	30.04%	\$950,344.76	\$950,344.76	\$0.00	0.00%	\$1,111,624.71	\$1,160,079.11	\$48,454.41	4.36%	
2,400,000	\$164,959.18	\$215,520.30	\$50,561.12	30.65%	\$991,664.10	\$991,664.10	\$0.00	0.00%	\$1,156,623.28	\$1,207,184.40	\$50,561.12	4.37%	
2,500,000	\$168,638.41	\$221,306.24	\$52,667.84	31.23%	\$1,032,983.44	\$1,032,983.44	\$0.00	0.00%	\$1,201,621.84	\$1,254,289.68	\$52,667.84	4.38%	
2,600,000	\$172,317.64	\$227,092.19	\$54,774.55	31.79%	\$1,074,302.77	\$1,074,302.77	\$0.00	0.00%	\$1,246,620.41	\$1,301,394.96	\$54,774.55	4.39%	
2,700,000	\$175,996.87	\$232,878.13	\$56,881.26	32.32%	\$1,115,622.11	\$1,115,622.11	\$0.00	0.00%	\$1,291,618.98	\$1,348,500.24	\$56,881.26	4.40%	
2,800,000	\$179,676.10	\$238,664.08	\$58,987.98	32.83%	\$1,156,941.45	\$1,156,941.45	\$0.00	0.00%	\$1,336,617.54	\$1,395,605.52	\$58,987.98	4.41%	
2,900,000	\$183,355.33	\$244,450.02	\$61,094.69	33.32%	\$1,198,260.79	\$1,198,260.79	\$0.00	0.00%	\$1,381,616.11	\$1,442,710.80	\$61,094.69	4.42%	
3,000,000	\$187,034.56	\$250,235.96	\$63,201.41	33.79%	\$1,239,580.12	\$1,239,580.12	\$0.00	0.00%	\$1,426,614.68	\$1,489,816.09	\$63,201.41	4.43%	
3,100,000	\$190,713.79	\$256,021.91	\$65,308.12	34.24%	\$1,280,899.46	\$1,280,899.46	\$0.00	0.00%	\$1,471,613.25	\$1,536,921.37	\$65,308.12	4.44%	
FY 23					Stayout Period						Difference	Change	
First 10 or Less				\$771.69							\$0.00	0.00%	
Over 10 Therms per Therm				\$0.023000							\$0.003	11.74%	
Monthly Demand Charge*				\$4,927.82							\$0.000	0.00%	
Billing & Payment Processing				\$1.310000							\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000							\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000							\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000							\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000							\$0.000	0.00%	
Tax Reform				\$0.000000							\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000							\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000							\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000							\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000102							\$0.000	13.65%	
Demand Capacity Surcharge Mechanism				\$0.012746							\$0.016	124.82%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000							\$0.002	0.00%	
Clean Energy Fund				\$0.000000							\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000							\$0.000	0.00%	
Monthly Cost of Gas				\$0.390734							\$0.000	0.00%	
Merchant Function Charge				\$0.011854							\$0.000	0.00%	
GRT on Delivery				2.407000%							\$0.000	0.00%	
GRT on Supply				2.407000%							\$0.000	0.00%	
MTA on Delivery				0.222000%							\$0.000	0.00%	
MTA on Supply				0.222000%							\$0.000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: Commercial / Government Tier 1
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$386.22	\$386.22	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$386.22	\$386.22	\$0.00	0.00%	
3	\$386.26	\$386.33	\$0.07	0.02%	\$0.65	\$0.65	\$0.00	0.00%	\$386.91	\$386.99	\$0.07	0.02%	
10	\$377.27	\$386.59	\$9.32	2.47%	\$2.18	\$2.18	\$0.00	0.00%	\$379.44	\$388.77	\$9.32	2.46%	
100	\$408.98	\$411.41	\$2.42	0.59%	\$21.79	\$21.79	\$0.00	0.00%	\$430.77	\$433.20	\$2.42	0.56%	
1,000	\$635.35	\$659.58	\$24.23	3.81%	\$217.91	\$217.91	\$0.00	0.00%	\$853.27	\$877.49	\$24.23	2.84%	
2,000	\$886.88	\$935.33	\$48.45	5.46%	\$435.83	\$435.83	\$0.00	0.00%	\$1,322.70	\$1,371.16	\$48.45	3.66%	
3,000	\$1,138.40	\$1,211.08	\$72.68	6.38%	\$653.74	\$653.74	\$0.00	0.00%	\$1,792.14	\$1,864.82	\$72.68	4.06%	
4,000	\$1,389.92	\$1,486.82	\$96.90	6.97%	\$871.66	\$871.66	\$0.00	0.00%	\$2,261.58	\$2,358.48	\$96.90	4.28%	
5,000	\$1,641.45	\$1,762.57	\$121.13	7.38%	\$1,089.57	\$1,089.57	\$0.00	0.00%	\$2,731.02	\$2,852.14	\$121.13	4.44%	
6,000	\$1,892.97	\$2,038.32	\$145.35	7.68%	\$1,307.48	\$1,307.48	\$0.00	0.00%	\$3,200.45	\$3,345.81	\$145.35	4.54%	
Average	6,938	\$2,128.80	\$2,296.87	\$168.07	7.89%	\$1,511.81	\$1,511.81	\$0.00	0.00%	\$3,640.61	\$3,808.68	\$168.07	4.62%
7,000	\$2,144.49	\$2,314.07	\$169.58	7.91%	\$1,525.40	\$1,525.40	\$0.00	0.00%	\$3,669.89	\$3,839.47	\$169.58	4.62%	
7,050	\$2,157.07	\$2,327.86	\$170.79	7.92%	\$1,536.29	\$1,536.29	\$0.00	0.00%	\$3,693.36	\$3,864.15	\$170.79	4.62%	
7,100	\$2,169.64	\$2,341.64	\$172.00	7.93%	\$1,547.19	\$1,547.19	\$0.00	0.00%	\$3,716.83	\$3,888.83	\$172.00	4.63%	
7,150	\$2,182.22	\$2,355.43	\$173.21	7.94%	\$1,558.09	\$1,558.09	\$0.00	0.00%	\$3,740.30	\$3,913.52	\$173.21	4.63%	
7,200	\$2,194.80	\$2,369.22	\$174.42	7.95%	\$1,568.98	\$1,568.98	\$0.00	0.00%	\$3,763.78	\$3,938.20	\$174.42	4.63%	
7,250	\$2,207.37	\$2,383.01	\$175.63	7.96%	\$1,579.88	\$1,579.88	\$0.00	0.00%	\$3,787.25	\$3,962.88	\$175.63	4.64%	
7,300	\$2,219.95	\$2,396.79	\$176.85	7.97%	\$1,590.77	\$1,590.77	\$0.00	0.00%	\$3,810.72	\$3,987.57	\$176.85	4.64%	
7,350	\$2,232.52	\$2,410.58	\$178.06	7.98%	\$1,601.67	\$1,601.67	\$0.00	0.00%	\$3,834.19	\$4,012.25	\$178.06	4.64%	
7,400	\$2,245.10	\$2,424.37	\$179.27	7.98%	\$1,612.56	\$1,612.56	\$0.00	0.00%	\$3,857.66	\$4,036.93	\$179.27	4.65%	
7,450	\$2,257.68	\$2,438.16	\$180.48	7.99%	\$1,623.46	\$1,623.46	\$0.00	0.00%	\$3,881.14	\$4,061.62	\$180.48	4.65%	
7,500	\$2,270.25	\$2,451.94	\$181.69	8.00%	\$1,634.36	\$1,634.36	\$0.00	0.00%	\$3,904.61	\$4,086.30	\$181.69	4.65%	
7,550	\$2,282.83	\$2,465.73	\$182.90	8.01%	\$1,645.25	\$1,645.25	\$0.00	0.00%	\$3,928.08	\$4,110.98	\$182.90	4.66%	
7,600	\$2,295.40	\$2,479.52	\$184.11	8.02%	\$1,656.15	\$1,656.15	\$0.00	0.00%	\$3,951.55	\$4,135.66	\$184.11	4.66%	
7,650	\$2,307.98	\$2,493.31	\$185.32	8.03%	\$1,667.04	\$1,667.04	\$0.00	0.00%	\$3,975.02	\$4,160.35	\$185.32	4.66%	
7,700	\$2,320.56	\$2,507.09	\$186.54	8.04%	\$1,677.94	\$1,677.94	\$0.00	0.00%	\$3,998.50	\$4,185.03	\$186.54	4.67%	
7,750	\$2,333.13	\$2,520.88	\$187.75	8.05%	\$1,688.83	\$1,688.83	\$0.00	0.00%	\$4,021.97	\$4,209.71	\$187.75	4.67%	
7,800	\$2,345.71	\$2,534.67	\$188.96	8.06%	\$1,699.73	\$1,699.73	\$0.00	0.00%	\$4,045.44	\$4,234.40	\$188.96	4.67%	
7,850	\$2,358.29	\$2,548.45	\$190.17	8.06%	\$1,710.63	\$1,710.63	\$0.00	0.00%	\$4,068.91	\$4,259.08	\$190.17	4.67%	
7,900	\$2,370.86	\$2,562.24	\$191.38	8.07%	\$1,721.52	\$1,721.52	\$0.00	0.00%	\$4,092.38	\$4,283.76	\$191.38	4.68%	
7,950	\$2,383.44	\$2,576.03	\$192.59	8.08%	\$1,732.42	\$1,732.42	\$0.00	0.00%	\$4,115.85	\$4,308.45	\$192.59	4.68%	
8,000	\$2,396.01	\$2,589.82	\$193.80	8.09%	\$1,743.31	\$1,743.31	\$0.00	0.00%	\$4,139.33	\$4,333.13	\$193.80	4.68%	
FY 23													
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.233100				\$0.233100			\$0.000	0.00%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.011967				\$0.027111			\$0.015	126.55%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.008460			\$0.008	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.204923				\$0.204923			\$0.000	0.00%	
Merchant Function Charge				\$0.007397				\$0.007397			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: Commercial / Government Tier 2
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$386.22	\$386.22	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$386.22	\$386.22	\$0.00	0.00%	
3	\$386.26	\$386.33	\$0.07	0.02%	\$0.64	\$0.64	\$0.00	0.00%	\$386.90	\$386.97	\$0.07	0.02%	
10	\$377.27	\$386.59	\$9.32	2.47%	\$2.14	\$2.14	\$0.00	0.00%	\$379.40	\$388.73	\$9.32	2.46%	
100	\$404.68	\$407.10	\$2.42	0.60%	\$21.39	\$21.39	\$0.00	0.00%	\$426.07	\$428.49	\$2.42	0.57%	
1,000	\$588.00	\$612.23	\$24.23	4.12%	\$213.91	\$213.91	\$0.00	0.00%	\$801.92	\$826.14	\$24.23	3.02%	
2,000	\$791.70	\$840.15	\$48.45	6.12%	\$427.82	\$427.82	\$0.00	0.00%	\$1,219.52	\$1,267.97	\$48.45	3.97%	
3,000	\$995.39	\$1,068.07	\$72.68	7.30%	\$641.73	\$641.73	\$0.00	0.00%	\$1,637.13	\$1,709.81	\$72.68	4.44%	
4,000	\$1,199.09	\$1,295.99	\$96.90	8.08%	\$855.65	\$855.65	\$0.00	0.00%	\$2,054.74	\$2,151.64	\$96.90	4.72%	
5,000	\$1,402.79	\$1,523.91	\$121.13	8.63%	\$1,069.56	\$1,069.56	\$0.00	0.00%	\$2,472.34	\$2,593.47	\$121.13	4.90%	
6,000	\$1,606.48	\$1,751.83	\$145.35	9.05%	\$1,283.47	\$1,283.47	\$0.00	0.00%	\$2,889.95	\$3,035.30	\$145.35	5.03%	
Average	6,938	\$1,797.47	\$1,965.54	\$168.07	9.35%	\$1,484.04	\$1,484.04	\$0.00	0.00%	\$3,281.51	\$3,449.58	\$168.07	5.12%
7,000	\$1,810.18	\$1,979.75	\$169.58	9.37%	\$1,497.38	\$1,497.38	\$0.00	0.00%	\$3,307.56	\$3,477.13	\$169.58	5.13%	
7,050	\$1,820.36	\$1,991.15	\$170.79	9.38%	\$1,508.08	\$1,508.08	\$0.00	0.00%	\$3,328.44	\$3,499.23	\$170.79	5.13%	
7,100	\$1,830.55	\$2,002.55	\$172.00	9.40%	\$1,518.77	\$1,518.77	\$0.00	0.00%	\$3,349.32	\$3,521.32	\$172.00	5.14%	
7,150	\$1,840.73	\$2,013.94	\$173.21	9.41%	\$1,529.47	\$1,529.47	\$0.00	0.00%	\$3,370.20	\$3,543.41	\$173.21	5.14%	
7,200	\$1,850.91	\$2,025.34	\$174.42	9.42%	\$1,540.16	\$1,540.16	\$0.00	0.00%	\$3,391.08	\$3,565.50	\$174.42	5.14%	
7,250	\$1,861.10	\$2,036.73	\$175.63	9.44%	\$1,550.86	\$1,550.86	\$0.00	0.00%	\$3,411.96	\$3,587.59	\$175.63	5.15%	
7,300	\$1,871.28	\$2,048.13	\$176.85	9.45%	\$1,561.55	\$1,561.55	\$0.00	0.00%	\$3,432.84	\$3,609.68	\$176.85	5.15%	
7,350	\$1,881.47	\$2,059.53	\$178.06	9.46%	\$1,572.25	\$1,572.25	\$0.00	0.00%	\$3,453.72	\$3,631.78	\$178.06	5.16%	
7,400	\$1,891.65	\$2,070.92	\$179.27	9.48%	\$1,582.95	\$1,582.95	\$0.00	0.00%	\$3,474.60	\$3,653.87	\$179.27	5.16%	
7,450	\$1,901.84	\$2,082.32	\$180.48	9.49%	\$1,593.64	\$1,593.64	\$0.00	0.00%	\$3,495.48	\$3,675.96	\$180.48	5.16%	
7,500	\$1,912.02	\$2,093.71	\$181.69	9.50%	\$1,604.34	\$1,604.34	\$0.00	0.00%	\$3,516.36	\$3,698.05	\$181.69	5.17%	
7,550	\$1,922.21	\$2,105.11	\$182.90	9.52%	\$1,615.03	\$1,615.03	\$0.00	0.00%	\$3,537.24	\$3,720.14	\$182.90	5.17%	
7,600	\$1,932.39	\$2,116.51	\$184.11	9.53%	\$1,625.73	\$1,625.73	\$0.00	0.00%	\$3,558.12	\$3,742.23	\$184.11	5.17%	
7,650	\$1,942.58	\$2,127.90	\$185.32	9.54%	\$1,636.42	\$1,636.42	\$0.00	0.00%	\$3,579.00	\$3,764.33	\$185.32	5.18%	
7,700	\$1,952.76	\$2,139.30	\$186.54	9.55%	\$1,647.12	\$1,647.12	\$0.00	0.00%	\$3,599.88	\$3,786.42	\$186.54	5.18%	
7,750	\$1,962.95	\$2,150.69	\$187.75	9.56%	\$1,657.81	\$1,657.81	\$0.00	0.00%	\$3,620.76	\$3,808.51	\$187.75	5.19%	
7,800	\$1,973.13	\$2,162.09	\$188.96	9.58%	\$1,668.51	\$1,668.51	\$0.00	0.00%	\$3,641.64	\$3,830.60	\$188.96	5.19%	
7,850	\$1,983.32	\$2,173.49	\$190.17	9.59%	\$1,679.21	\$1,679.21	\$0.00	0.00%	\$3,662.52	\$3,852.69	\$190.17	5.19%	
7,900	\$1,993.50	\$2,184.88	\$191.38	9.60%	\$1,689.90	\$1,689.90	\$0.00	0.00%	\$3,683.40	\$3,874.78	\$191.38	5.20%	
7,950	\$2,003.69	\$2,196.28	\$192.59	9.61%	\$1,700.60	\$1,700.60	\$0.00	0.00%	\$3,704.28	\$3,896.88	\$192.59	5.20%	
8,000	\$2,013.87	\$2,207.67	\$193.80	9.62%	\$1,711.29	\$1,711.29	\$0.00	0.00%	\$3,725.16	\$3,918.97	\$193.80	5.20%	
FY 23													
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.186500				\$0.186500			\$0.000	0.00%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.011967				\$0.027111			\$0.015	126.55%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.008460			\$0.008	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.201024				\$0.201024			\$0.000	0.00%	
Merchant Function Charge				\$0.007397				\$0.007397			\$0.000	0.00%	
GRT on Delivery				2.407000%				2.407000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: MultiFamily Tier 1
Rate Year Three (FY 23) vs.Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$394.30	\$394.30	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$394.30	\$394.30	\$0.00	0.00%	
3	\$394.34	\$394.41	\$0.07	0.02%	\$0.65	\$0.65	\$0.00	0.00%	\$394.99	\$395.06	\$0.07	0.02%	
10	\$377.27	\$394.67	\$17.41	4.61%	\$2.18	\$2.18	\$0.00	0.00%	\$379.44	\$396.85	\$17.41	4.59%	
100	\$413.83	\$416.30	\$2.47	0.60%	\$21.79	\$21.79	\$0.00	0.00%	\$435.62	\$438.09	\$2.47	0.57%	
500	\$500.07	\$512.43	\$12.37	2.47%	\$108.96	\$108.96	\$0.00	0.00%	\$609.03	\$621.39	\$12.37	2.03%	
2,000	\$823.47	\$872.94	\$49.46	6.01%	\$435.83	\$435.83	\$0.00	0.00%	\$1,259.30	\$1,308.76	\$49.46	3.93%	
2,500	\$931.27	\$993.10	\$61.83	6.64%	\$544.79	\$544.79	\$0.00	0.00%	\$1,476.06	\$1,537.89	\$61.83	4.19%	
3,000	\$1,039.08	\$1,113.27	\$74.20	7.14%	\$653.74	\$653.74	\$0.00	0.00%	\$1,692.82	\$1,767.01	\$74.20	4.38%	
3,100	\$1,060.64	\$1,137.30	\$76.67	7.23%	\$675.53	\$675.53	\$0.00	0.00%	\$1,736.17	\$1,812.84	\$76.67	4.42%	
3,500	\$1,146.88	\$1,233.44	\$86.56	7.55%	\$762.70	\$762.70	\$0.00	0.00%	\$1,909.58	\$1,996.14	\$86.56	4.53%	
Average	3,855	\$1,223.48	\$1,318.83	\$95.35	7.79%	\$840.13	\$840.13	\$0.00	0.00%	\$2,063.61	\$2,158.96	\$95.35	4.62%
4,000	\$1,254.68	\$1,353.61	\$98.93	7.88%	\$871.66	\$871.66	\$0.00	0.00%	\$2,126.33	\$2,225.26	\$98.93	4.65%	
4,500	\$1,362.48	\$1,473.77	\$111.29	8.17%	\$980.61	\$980.61	\$0.00	0.00%	\$2,343.09	\$2,454.39	\$111.29	4.75%	
4,550	\$1,373.26	\$1,485.79	\$112.53	8.19%	\$991.51	\$991.51	\$0.00	0.00%	\$2,364.77	\$2,477.30	\$112.53	4.76%	
4,600	\$1,384.04	\$1,497.81	\$113.77	8.22%	\$1,002.40	\$1,002.40	\$0.00	0.00%	\$2,386.44	\$2,500.21	\$113.77	4.77%	
4,650	\$1,394.82	\$1,509.82	\$115.00	8.25%	\$1,013.30	\$1,013.30	\$0.00	0.00%	\$2,408.12	\$2,523.12	\$115.00	4.78%	
4,700	\$1,405.60	\$1,521.84	\$116.24	8.27%	\$1,024.20	\$1,024.20	\$0.00	0.00%	\$2,429.80	\$2,546.04	\$116.24	4.78%	
4,750	\$1,416.38	\$1,533.86	\$117.48	8.29%	\$1,035.09	\$1,035.09	\$0.00	0.00%	\$2,451.47	\$2,568.95	\$117.48	4.79%	
4,800	\$1,427.16	\$1,545.87	\$118.71	8.32%	\$1,045.99	\$1,045.99	\$0.00	0.00%	\$2,473.15	\$2,591.86	\$118.71	4.80%	
4,850	\$1,437.94	\$1,557.89	\$119.95	8.34%	\$1,056.88	\$1,056.88	\$0.00	0.00%	\$2,494.82	\$2,614.77	\$119.95	4.81%	
4,900	\$1,448.72	\$1,569.91	\$121.19	8.37%	\$1,067.78	\$1,067.78	\$0.00	0.00%	\$2,516.50	\$2,637.69	\$121.19	4.82%	
4,950	\$1,459.50	\$1,581.92	\$122.42	8.39%	\$1,078.67	\$1,078.67	\$0.00	0.00%	\$2,538.18	\$2,660.60	\$122.42	4.82%	
5,000	\$1,470.28	\$1,593.94	\$123.66	8.41%	\$1,089.57	\$1,089.57	\$0.00	0.00%	\$2,559.85	\$2,683.51	\$123.66	4.83%	
5,050	\$1,481.06	\$1,605.96	\$124.90	8.43%	\$1,100.47	\$1,100.47	\$0.00	0.00%	\$2,581.53	\$2,706.42	\$124.90	4.84%	
5,100	\$1,491.84	\$1,617.97	\$126.13	8.45%	\$1,111.36	\$1,111.36	\$0.00	0.00%	\$2,603.20	\$2,729.34	\$126.13	4.85%	
5,150	\$1,502.62	\$1,629.99	\$127.37	8.48%	\$1,122.26	\$1,122.26	\$0.00	0.00%	\$2,624.88	\$2,752.25	\$127.37	4.85%	
5,200	\$1,513.40	\$1,642.01	\$128.61	8.50%	\$1,133.15	\$1,133.15	\$0.00	0.00%	\$2,646.56	\$2,775.16	\$128.61	4.86%	
5,250	\$1,524.18	\$1,654.02	\$129.84	8.52%	\$1,144.05	\$1,144.05	\$0.00	0.00%	\$2,668.23	\$2,798.07	\$129.84	4.87%	
5,300	\$1,534.96	\$1,666.04	\$131.08	8.54%	\$1,154.94	\$1,154.94	\$0.00	0.00%	\$2,689.91	\$2,820.99	\$131.08	4.87%	
5,350	\$1,545.74	\$1,678.06	\$132.32	8.56%	\$1,165.84	\$1,165.84	\$0.00	0.00%	\$2,711.58	\$2,843.90	\$132.32	4.88%	
5,400	\$1,556.52	\$1,690.07	\$133.55	8.58%	\$1,176.74	\$1,176.74	\$0.00	0.00%	\$2,733.26	\$2,866.81	\$133.55	4.89%	
5,450	\$1,567.30	\$1,702.09	\$134.79	8.60%	\$1,187.63	\$1,187.63	\$0.00	0.00%	\$2,754.93	\$2,889.72	\$134.79	4.89%	
FY 23													
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.193800				\$0.193800			\$0.0000	0.00%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.0000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.0000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.0000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.0000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.0000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.0000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.0000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.011967				\$0.027111			\$0.0151	126.55%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.008460			\$0.0084	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.0000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Monthly Cost of Gas				\$0.204923				\$0.204923			\$0.0000	0.00%	
Merchant Function Charge				\$0.007397				\$0.007397			\$0.0000	0.00%	
GRT on Delivery				4.548000%				4.548000%			\$0.0000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.0000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.0000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.0000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
Non Firm Demand Response: MultiFamily Tier 2
Rate Year Three (FY 23) vs.Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
-	\$394.30	\$394.30	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$394.30	\$394.30	\$0.00	0.00%	
3	\$394.34	\$394.41	\$0.07	0.02%	\$0.64	\$0.64	\$0.00	0.00%	\$394.98	\$395.05	\$0.07	0.02%	
10	\$377.27	\$394.67	\$17.41	4.61%	\$2.14	\$2.14	\$0.00	0.00%	\$379.40	\$396.81	\$17.41	4.59%	
100	\$410.18	\$412.65	\$2.47	0.60%	\$21.39	\$21.39	\$0.00	0.00%	\$431.57	\$434.04	\$2.47	0.57%	
500	\$480.20	\$492.57	\$12.37	2.58%	\$106.96	\$106.96	\$0.00	0.00%	\$587.16	\$599.52	\$12.37	2.11%	
2,000	\$742.78	\$792.24	\$49.46	6.66%	\$427.82	\$427.82	\$0.00	0.00%	\$1,170.60	\$1,220.07	\$49.46	4.23%	
2,500	\$830.31	\$892.13	\$61.83	7.45%	\$534.78	\$534.78	\$0.00	0.00%	\$1,365.08	\$1,426.91	\$61.83	4.53%	
3,000	\$917.83	\$992.03	\$74.20	8.08%	\$641.73	\$641.73	\$0.00	0.00%	\$1,559.57	\$1,633.76	\$74.20	4.76%	
3,100	\$935.34	\$1,012.01	\$76.67	8.20%	\$663.13	\$663.13	\$0.00	0.00%	\$1,598.46	\$1,675.13	\$76.67	4.80%	
3,500	\$1,005.36	\$1,091.92	\$86.56	8.61%	\$748.69	\$748.69	\$0.00	0.00%	\$1,754.05	\$1,840.61	\$86.56	4.93%	
Average	3,855	\$1,067.56	\$1,162.90	\$95.35	8.93%	\$824.69	\$824.69	\$0.00	0.00%	\$1,892.25	\$1,987.60	\$95.35	5.04%
4,000	\$1,092.88	\$1,191.81	\$98.93	9.05%	\$855.65	\$855.65	\$0.00	0.00%	\$1,948.53	\$2,047.46	\$98.93	5.08%	
4,500	\$1,180.41	\$1,291.70	\$111.29	9.43%	\$962.60	\$962.60	\$0.00	0.00%	\$2,143.01	\$2,254.31	\$111.29	5.19%	
4,550	\$1,189.16	\$1,301.69	\$112.53	9.46%	\$973.30	\$973.30	\$0.00	0.00%	\$2,162.46	\$2,274.99	\$112.53	5.20%	
4,600	\$1,197.92	\$1,311.68	\$113.77	9.50%	\$983.99	\$983.99	\$0.00	0.00%	\$2,181.91	\$2,295.68	\$113.77	5.21%	
4,650	\$1,206.67	\$1,321.67	\$115.00	9.53%	\$994.69	\$994.69	\$0.00	0.00%	\$2,201.36	\$2,316.36	\$115.00	5.22%	
4,700	\$1,215.42	\$1,331.66	\$116.24	9.56%	\$1,005.38	\$1,005.38	\$0.00	0.00%	\$2,220.81	\$2,337.05	\$116.24	5.23%	
4,750	\$1,224.17	\$1,341.65	\$117.48	9.60%	\$1,016.08	\$1,016.08	\$0.00	0.00%	\$2,240.25	\$2,357.73	\$117.48	5.24%	
4,800	\$1,232.93	\$1,351.64	\$118.71	9.63%	\$1,026.78	\$1,026.78	\$0.00	0.00%	\$2,259.70	\$2,378.42	\$118.71	5.25%	
4,850	\$1,241.68	\$1,361.63	\$119.95	9.66%	\$1,037.47	\$1,037.47	\$0.00	0.00%	\$2,279.15	\$2,399.10	\$119.95	5.26%	
4,900	\$1,250.43	\$1,371.62	\$121.19	9.69%	\$1,048.17	\$1,048.17	\$0.00	0.00%	\$2,298.60	\$2,419.78	\$121.19	5.27%	
4,950	\$1,259.18	\$1,381.61	\$122.42	9.72%	\$1,058.86	\$1,058.86	\$0.00	0.00%	\$2,318.05	\$2,440.47	\$122.42	5.28%	
5,000	\$1,267.94	\$1,391.60	\$123.66	9.75%	\$1,069.56	\$1,069.56	\$0.00	0.00%	\$2,337.49	\$2,461.15	\$123.66	5.29%	
5,050	\$1,276.69	\$1,401.59	\$124.90	9.78%	\$1,080.25	\$1,080.25	\$0.00	0.00%	\$2,356.94	\$2,481.84	\$124.90	5.30%	
5,100	\$1,285.44	\$1,411.58	\$126.13	9.81%	\$1,090.95	\$1,090.95	\$0.00	0.00%	\$2,376.39	\$2,502.52	\$126.13	5.31%	
5,150	\$1,294.20	\$1,421.56	\$127.37	9.84%	\$1,101.64	\$1,101.64	\$0.00	0.00%	\$2,395.84	\$2,523.21	\$127.37	5.32%	
5,200	\$1,302.95	\$1,431.55	\$128.61	9.87%	\$1,112.34	\$1,112.34	\$0.00	0.00%	\$2,415.29	\$2,543.89	\$128.61	5.32%	
5,250	\$1,311.70	\$1,441.54	\$129.84	9.90%	\$1,123.04	\$1,123.04	\$0.00	0.00%	\$2,434.74	\$2,564.58	\$129.84	5.33%	
5,300	\$1,320.45	\$1,451.53	\$131.08	9.93%	\$1,133.73	\$1,133.73	\$0.00	0.00%	\$2,454.18	\$2,585.26	\$131.08	5.34%	
5,350	\$1,329.21	\$1,461.52	\$132.32	9.95%	\$1,144.43	\$1,144.43	\$0.00	0.00%	\$2,473.63	\$2,605.95	\$132.32	5.35%	
5,400	\$1,337.96	\$1,471.51	\$133.55	9.98%	\$1,155.12	\$1,155.12	\$0.00	0.00%	\$2,493.08	\$2,626.63	\$133.55	5.36%	
5,450	\$1,346.71	\$1,481.50	\$134.79	10.01%	\$1,165.82	\$1,165.82	\$0.00	0.00%	\$2,512.53	\$2,647.32	\$134.79	5.36%	
FY 23						Stayout Period					Difference	Change	
First 10 or Less				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 Therms per Therm				\$0.155100				\$0.155100			\$0.000	0.00%	
Billing & Payment Processing				\$1.310000				\$1.310000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Newtown Creek Revenue Reconciliation				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.011967				\$0.027111			\$0.015	126.55%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.008460			\$0.008	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.201024				\$0.201024			\$0.000	0.00%	
Merchant Function Charge				\$0.007397				\$0.007397			\$0.000	0.00%	
GRT on Delivery				4.548000%				4.548000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.222000%				0.222000%			\$0.000	0.00%	
MTA on Supply				0.222000%				0.222000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Illustrative Example of Non-Firm Demand Response Weighted Monthly ICOG

	a Weighted ICOG	b LAUF	c Weighted ICOG After LAUF	d 10 % of allocated pipeline costs	e Forecast		f Firm Monthly Cost of Gas	g Applicable Non-Firm Monthly ICOG
					Weighted Monthly ICOG	Monthly ICOG		
September	\$ 2.26	1.530%	\$ 2.30	0.03248 \$	2.3296 \$	2.3296 \$	3.7786 \$	2.3296 \$
August	\$ 2.38	1.530%	\$ 2.42	0.03025 \$	2.4514 \$	2.4514 \$	3.8871 \$	2.4514 \$
July	\$ 2.70	1.530%	\$ 2.74	0.03025 \$	2.7708 \$	2.7708 \$	4.1486 \$	2.7708 \$
June	\$ 2.72	1.530%	\$ 2.76	0.03025 \$	2.7869 \$	2.7869 \$	4.3602 \$	2.7869 \$
May	\$ 3.13	1.530%	\$ 3.18	0.03025 \$	3.2103 \$	3.2103 \$	3.1987 \$	3.1987 \$
April	\$ 3.29	1.530%	\$ 3.34	0.03025 \$	3.3748 \$	3.3748 \$	4.6842 \$	3.3748 \$
March	\$ 3.62	1.530%	\$ 3.68	0.03025 \$	3.7087 \$	3.7087 \$	4.8009 \$	3.7087 \$
February	\$ 3.73	1.530%	\$ 3.79	0.03025 \$	3.8161 \$	3.8161 \$	4.9532 \$	3.8161 \$
January	\$ 4.08	1.530%	\$ 4.14	0.03025 \$	4.1726 \$	4.1726 \$	5.3317 \$	4.1726 \$
December	\$ 4.63	1.902%	\$ 4.72	0.03025 \$	4.7491 \$	4.7491 \$	5.9614 \$	4.7491 \$
November	\$ 3.82	1.902%	\$ 3.89	0.03025 \$	3.9200 \$	3.9200 \$	5.1461 \$	3.9200 \$
October	\$ 3.21	1.902%	\$ 3.27	0.03025 \$	3.2994 \$	3.2994 \$	4.6072 \$	3.2994 \$

- a Monthly ICOG weighted by the gates and volumes used for delivery to non-firm customers
- b Applicable LAUF percentage
- c a * b
- d Equal to 10% of the allocated pipeline costs included in the Annual Fixed Cost of Gas calculation
- e c + d
- f Otherwise applicable firm service class's Monthly Cost of Gas (excluding adjustments)
- g Lesser of column e or f

NFRR Targets
KEDNY

		Apr-2020	May-2020	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Avg Cust/Total Revenue
SC 6M	Customers	1,687	1,684	1,675	1,708	1,716	1,713	1,711	1,708	1,709	1,715	1,718	1,720	1,705
	Volume (Therms)	8,632,674	4,038,133	2,298,063	1,958,134	1,950,037	2,016,464	2,714,624	6,192,298	9,954,143	13,864,393	13,033,634	9,199,838	75,852,436
	Delivery Revenue	\$3,322,165	\$1,833,550	\$1,267,255	\$1,167,497	\$1,167,358	\$1,187,965	\$1,413,351	\$2,538,519	\$3,756,905	\$5,024,926	\$4,756,829	\$3,516,124	\$30,952,443
	Tax Reform	(\$187,329)	(\$87,627)	(\$49,868)	(\$42,492)	(\$42,316)	(\$43,757)	(\$58,907)	(\$134,373)	(\$216,005)	(\$300,857)	(\$282,830)	(\$199,636)	(\$1,645,998)
	Total SC6M	\$3,134,836	\$1,745,922	\$1,217,387	\$1,125,005	\$1,125,043	\$1,144,207	\$1,354,444	\$2,404,146	\$3,540,900	\$4,724,069	\$4,473,999	\$3,316,487	\$29,306,445
SC 6C	Customers	100	100	100	101	101	101	101	101	101	101	101	101	101
	Volume (Therms)	898,749	537,899	488,685	539,810	554,602	514,228	479,775	712,616	1,091,030	1,626,814	1,425,624	957,611	9,827,444
	Delivery Revenue	377,621	239,162	220,279	240,196	245,871	230,380	217,160	306,501	451,699	657,279	580,083	400,506	\$4,166,739
	Tax Reform	(19,503)	(11,672)	(10,604)	(11,714)	(12,035)	(11,159)	(10,411)	(15,464)	(23,675)	(35,302)	(30,936)	(20,780)	(\$213,256)
	Total SC6C	\$358,118	\$227,490	\$209,675	\$228,482	\$233,837	\$219,221	\$206,749	\$291,038	\$428,024	\$621,978	\$549,147	\$379,726	\$3,953,483
SC 6G	Customers	299	299	297	303	304	303	303	303	303	303	305	305	302
	Volume (Therms)	2,674,766	831,335	451,045	449,690	464,516	470,455	620,863	1,629,169	2,946,976	4,421,857	4,100,647	2,885,600	21,946,919
	Delivery Revenue	1,127,665	420,340	273,746	275,256	281,245	283,224	340,935	727,822	1,233,465	1,799,377	1,676,805	1,210,592	\$9,650,473
	Tax Reform	(58,042)	(18,040)	(9,788)	(9,758)	(10,080)	(10,209)	(13,473)	(35,353)	(63,949)	(95,954)	(88,984)	(62,618)	(\$476,248)
	Total SC6G	\$1,069,622	\$402,300	\$263,958	\$265,498	\$271,165	\$273,015	\$327,463	\$692,469	\$1,169,516	\$1,703,423	\$1,587,821	\$1,147,974	\$9,174,225
SC 18-6M	Customers	241	241	239	243	245	244	244	243	244	244	245	245	243
	Volume (Therms)	1,819,714	826,057	458,912	397,667	391,943	405,471	590,307	1,334,013	2,106,623	2,709,097	2,737,498	2,051,999	15,829,300
	Delivery Revenue	669,123	347,377	227,818	209,342	208,091	212,170	272,020	512,531	763,003	958,084	967,581	745,617	\$6,092,758
	Tax Reform	(39,488)	(17,925)	(9,958)	(8,629)	(8,505)	(8,799)	(12,810)	(28,948)	(45,714)	(58,787)	(59,404)	(44,528)	(\$343,496)
	Total SC18-6M	\$629,635	\$329,452	\$217,859	\$200,713	\$199,586	\$203,372	\$259,210	\$483,583	\$717,289	\$899,297	\$908,178	\$701,089	\$5,749,262
SC 18-6C	Customers	28	28	28	28	28	28	28	28	28	28	28	28	28
	Volume (Therms)	432,917	323,125	318,561	321,768	335,629	328,111	283,032	268,641	408,866	555,424	555,846	419,028	4,550,950
	Delivery Revenue	175,204	133,077	131,325	132,556	137,874	134,990	117,693	112,171	165,976	222,210	222,372	169,875	\$1,855,323
	Tax Reform	(9,394)	(7,012)	(6,913)	(6,982)	(7,283)	(7,120)	(6,142)	(5,830)	(8,872)	(12,053)	(12,062)	(9,093)	(\$98,756)
	Total SC18-6C	\$165,810	\$126,065	\$124,413	\$125,574	\$130,591	\$127,870	\$111,551	\$106,342	\$157,103	\$210,157	\$210,310	\$160,782	\$1,756,567
SC 18-6G	Customers	1	1	1	1	1	1	1	1	1	1	1	1	1
	Volume (Therms)	18,167	4,412	1,962	1,665	1,711	1,723	2,615	11,612	19,764	19,108	16,139	13,241	112,119
	Delivery Revenue	7,347	2,069	1,129	1,015	1,033	1,037	1,380	4,832	7,960	7,708	6,569	5,457	\$47,537
	Tax Reform	(394)	(96)	(43)	(36)	(37)	(37)	(57)	(252)	(429)	(415)	(350)	(287)	(\$2,433)
	Total SC18-6G	\$6,953	\$1,973	\$1,087	\$979	\$996	\$1,000	\$1,323	\$4,580	\$7,531	\$7,293	\$6,219	\$5,170	\$45,104
Total NFRR	Customers	2,356	2,353	2,340	2,384	2,395	2,390	2,388	2,384	2,386	2,392	2,398	2,400	2,381
	Volume (Therms)	14,476,987	6,560,961	4,017,228	3,668,735	3,698,437	3,736,452	4,691,216	10,148,349	16,527,403	23,196,694	21,869,388	15,527,318	128,119,168
	Delivery Revenue	\$5,679,124	\$2,975,575	\$2,121,552	\$2,025,863	\$2,041,473	\$2,049,766	\$2,362,540	\$4,202,377	\$6,379,008	\$8,669,585	\$8,210,239	\$6,048,170	\$52,765,272
	Tax Reform	(\$314,151)	(\$142,373)	(\$87,174)	(\$79,612)	(\$80,256)	(\$81,081)	(\$101,799)	(\$220,219)	(\$358,645)	(\$503,368)	(\$474,566)	(\$336,943)	(\$2,780,186)
	Total NFRR Targets	\$5,364,974	\$2,833,202	\$2,034,378	\$1,946,251	\$1,961,217	\$1,968,685	\$2,260,740	\$3,982,158	\$6,020,363	\$8,166,216	\$7,735,673	\$5,711,227	\$49,985,086

NFRR Targets
KEDNY

		Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Total	
TC M	Total Block 1	19,570	19,480	19,220	19,370	19,280	19,140	19,100	19,020	18,970	18,940	18,930	18,910	229,930	
	Total Block 2	10,434,858	4,749,839	2,758,662	2,301,246	2,246,220	2,298,978	3,151,814	7,184,987	11,575,783	15,906,116	15,101,923	10,700,815	88,411,241	
	Total Therms	10,454,428	4,769,319	2,777,882	2,320,616	2,265,500	2,318,118	3,170,914	7,204,007	11,594,753	15,925,056	15,120,853	10,719,725	88,641,171	
	Customers	1,957	1,948	1,922	1,937	1,928	1,914	1,910	1,902	1,897	1,894	1,893	1,891	1,916	
	Tier 1 Block 1	18,592	18,506	18,259	18,402	18,316	18,183	18,145	18,069	18,022	17,993	17,984	17,965	218,434	
	Tier 2 Block 1	979	974	961	969	964	957	955	951	949	947	947	946	11,497	
	Tier 1 Block 2	9,913,115	4,512,347	2,620,729	2,186,184	2,133,909	2,184,029	2,994,223	6,825,737	10,996,994	15,110,810	14,346,827	10,165,774	83,990,679	
	Tier 2 Block 2	521,743	237,492	137,933	115,062	112,311	114,949	157,591	359,249	578,789	795,306	755,096	535,041	4,420,562	
	Total Therms	10,454,428	4,769,319	2,777,882	2,320,616	2,265,500	2,318,118	3,170,914	7,204,007	11,594,753	15,925,056	15,120,853	10,719,725	88,641,171	
	Rates														
	Tier 1 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
	Tier 2 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
	Tier 1 Block 2	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	\$0.1792	
	Tier 2 Block 2	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	\$0.1434	
	Block 1	\$744,068	\$740,646	\$730,760	\$736,464	\$733,042	\$727,719	\$726,198	\$723,156	\$721,255	\$720,115	\$719,734	\$718,974	\$718,974	\$8,742,130
	Tier 1 Block 2	\$1,776,430	\$808,613	\$469,635	\$391,764	\$382,397	\$391,378	\$536,565	\$1,223,172	\$1,970,661	\$2,707,857	\$2,570,951	\$1,821,707	\$15,051,130	
	Tier 2 Block 2	\$74,818	\$34,056	\$19,780	\$16,500	\$16,105	\$16,484	\$22,599	\$51,516	\$82,998	\$114,047	\$108,281	\$76,725	\$633,909	
	Total TC M Target	\$2,595,316	\$1,583,315	\$1,220,175	\$1,144,728	\$1,131,544	\$1,135,580	\$1,285,361	\$1,997,845	\$2,774,915	\$3,542,019	\$3,398,967	\$2,617,406	\$24,427,168	
	TC C-G	1.01389	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Total
		Total Block 1	4,330	4,320	4,270	4,300	4,280	4,260	4,260	4,230	4,230	4,220	4,210	4,210	51,120
Total Block 2		4,002,236	1,647,849	1,262,783	1,294,361	1,321,007	1,270,563	1,342,642	2,527,334	4,329,819	6,432,911	5,877,754	4,104,768	35,414,027	
Total Therms		4,006,566	1,652,169	1,267,053	1,298,661	1,325,287	1,274,823	1,346,902	2,531,564	4,334,049	6,437,131	5,881,964	4,108,978	35,465,147	
Customers		433	432	427	430	428	426	426	423	423	422	421	421	426	
Tier 1 Block 1		4,114	4,104	4,057	4,085	4,066	4,047	4,047	4,019	4,019	4,009	4,000	4,000	48,564	
Tier 2 Block 1		217	216	214	215	214	213	213	212	212	211	211	211	2,556	
Tier 1 Block 2		3,802,124	1,565,456	1,199,644	1,229,643	1,254,956	1,207,035	1,275,510	2,400,968	4,113,328	6,111,266	5,583,866	3,899,530	33,643,325	
Tier 2 Block 2		200,112	82,392	63,139	64,718	66,050	63,528	67,132	126,367	216,491	321,646	293,888	205,238	1,770,701	
Total Therms		4,006,566	1,652,169	1,267,053	1,298,661	1,325,287	1,274,823	1,346,902	2,531,564	4,334,049	6,437,131	5,881,964	4,108,978	35,465,147	
Rates															
Tier 1 Block 1		\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
Tier 2 Block 1		\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
Tier 1 Block 2		\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	\$0.2156	
Tier 2 Block 2		\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	\$0.1725	
Block 1		\$164,630	\$164,250	\$162,349	\$163,490	\$162,729	\$161,969	\$161,969	\$160,828	\$160,828	\$160,448	\$160,068	\$160,068	\$160,068	\$1,943,625
Tier 1 Block 2		\$819,738	\$337,512	\$258,643	\$265,111	\$270,569	\$260,237	\$275,000	\$517,649	\$886,833	\$1,317,589	\$1,203,882	\$840,739	\$7,253,501	
Tier 2 Block 2		\$34,519	\$14,213	\$10,892	\$11,164	\$11,394	\$10,959	\$11,580	\$21,798	\$37,345	\$55,484	\$50,696	\$35,404	\$305,446	
Total TC C-G Target		\$1,018,887	\$515,975	\$431,884	\$439,764	\$444,691	\$433,164	\$448,549	\$700,275	\$1,085,006	\$1,533,521	\$1,414,645	\$1,036,210	\$9,502,572	
Total NFRR Targets		\$3,614,203	\$2,099,290	\$1,652,058	\$1,584,492	\$1,576,235	\$1,568,745	\$1,733,910	\$2,698,120	\$3,859,921	\$5,075,539	\$4,813,611	\$3,653,616	\$33,929,740	

NFRR Targets
KEDNY

		Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Total	
TC M	Total Block 1	18,870	18,800	18,540	18,710	18,600	18,470	18,440	18,380	18,370	18,330	18,330	18,340	222,180	
	Total Block 2	9,945,743	4,449,399	2,572,280	2,139,141	2,084,533	2,131,750	2,950,126	6,778,040	11,034,701	15,204,785	14,431,439	10,206,802	83,928,740	
	Total Therms	9,964,613	4,468,199	2,590,820	2,157,851	2,103,133	2,150,220	2,968,566	6,796,420	11,053,071	15,223,115	14,449,769	10,225,142	84,150,920	
	Customers	1,887	1,880	1,854	1,871	1,860	1,847	1,844	1,838	1,837	1,833	1,833	1,834	1,852	
	Tier 1 Block 1	17,927	17,860	17,613	17,775	17,670	17,547	17,518	17,461	17,452	17,414	17,414	17,423	211,071	
	Tier 2 Block 1	944	940	927	936	930	924	922	919	919	917	917	917	11,109	
	Tier 1 Block 2	9,448,456	4,226,929	2,443,666	2,032,184	1,980,307	2,025,163	2,802,619	6,439,138	10,482,966	14,444,546	13,709,867	9,696,462	79,732,303	
	Tier 2 Block 2	497,287	222,470	128,614	106,957	104,227	106,588	147,506	338,902	551,735	760,239	721,572	510,340	4,196,437	
	Total Therms	9,964,613	4,468,199	2,590,820	2,157,851	2,103,133	2,150,220	2,968,566	6,796,420	11,053,071	15,223,115	14,449,769	10,225,142	84,150,920	
	Rates														
	Tier 1 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
	Tier 2 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
	Tier 1 Block 2	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	
	Tier 2 Block 2	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	
	Block 1	\$717,453	\$714,792	\$704,906	\$711,370	\$707,188	\$702,245	\$701,104	\$698,823	\$698,443	\$696,922	\$696,922	\$697,302	\$8,447,469	
	Tier 1 Block 2	\$1,831,111	\$819,179	\$473,583	\$393,837	\$383,783	\$392,477	\$543,148	\$1,247,905	\$2,031,599	\$2,799,353	\$2,656,972	\$1,879,174	\$15,452,120	
	Tier 2 Block 2	\$77,129	\$34,505	\$19,948	\$16,589	\$16,166	\$16,532	\$22,878	\$52,564	\$85,574	\$117,913	\$111,916	\$79,154	\$650,867	
	Total TC M Target	\$2,625,693	\$1,568,476	\$1,198,437	\$1,121,796	\$1,107,136	\$1,111,253	\$1,267,130	\$1,999,292	\$2,815,616	\$3,614,188	\$3,465,810	\$2,655,630	\$24,550,456	
	TC C-G	1.01389	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Total
		Total Block 1	4,210	4,190	4,120	4,170	4,140	4,090	4,090	4,080	4,070	4,070	4,070	4,070	49,370
Total Block 2		3,860,415	1,568,450	1,178,120	1,223,568	1,248,031	1,176,975	1,254,776	2,393,697	4,120,033	6,148,212	5,632,158	3,923,299	33,727,734	
Total Therms		3,864,625	1,572,640	1,182,240	1,227,738	1,252,171	1,181,065	1,258,866	2,397,777	4,124,103	6,152,282	5,636,228	3,927,369	33,777,104	
Customers		421	419	412	417	414	409	409	408	407	407	407	407	411	
Tier 1 Block 1		4,000	3,981	3,914	3,962	3,933	3,886	3,886	3,876	3,867	3,867	3,867	3,867	46,902	
Tier 2 Block 1		211	210	206	209	207	205	205	204	204	204	204	204	2,469	
Tier 1 Block 2		3,667,394	1,490,028	1,119,214	1,162,389	1,185,629	1,118,127	1,192,037	2,274,012	3,914,032	5,840,802	5,350,550	3,727,134	32,041,348	
Tier 2 Block 2		193,021	78,423	58,906	61,178	62,402	58,849	62,739	119,685	206,002	307,411	281,608	196,165	1,686,387	
Total Therms		3,864,625	1,572,640	1,182,240	1,227,738	1,252,171	1,181,065	1,258,866	2,397,777	4,124,103	6,152,282	5,636,228	3,927,369	33,777,104	
Rates															
Tier 1 Block 1		\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
Tier 2 Block 1		\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
Tier 1 Block 2		\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	
Tier 2 Block 2		\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	
Block 1		\$160,068	\$159,307	\$156,646	\$158,547	\$157,406	\$155,505	\$155,505	\$155,125	\$154,745	\$154,745	\$154,745	\$154,745	\$1,877,089	
Tier 1 Block 2		\$854,870	\$347,325	\$260,889	\$270,953	\$276,370	\$260,635	\$277,864	\$530,072	\$912,361	\$1,361,491	\$1,247,213	\$868,795	\$7,468,838	
Tier 2 Block 2		\$35,998	\$14,626	\$10,986	\$11,410	\$11,638	\$10,975	\$11,701	\$22,321	\$38,419	\$57,332	\$52,520	\$36,585	\$314,511	
Total TC C-G Target		\$1,050,936	\$521,259	\$428,521	\$440,910	\$445,414	\$427,116	\$445,070	\$707,518	\$1,105,525	\$1,573,568	\$1,454,478	\$1,060,124	\$9,660,438	
Total NFRR Targets		\$3,676,629	\$2,089,734	\$1,626,957	\$1,562,706	\$1,552,551	\$1,538,369	\$1,712,200	\$2,706,810	\$3,921,141	\$5,187,756	\$4,920,288	\$3,715,755	\$34,210,894	

NFRR Targets
KEDNY

		Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total	
TC M	Total Block 1	18,870	18,800	18,540	18,710	18,600	18,470	18,440	18,380	18,370	18,330	18,330	18,340	222,180	
	Total Block 2	9,945,743	4,449,399	2,572,280	2,139,141	2,084,533	2,131,750	2,950,126	6,778,040	11,034,701	15,204,785	14,431,439	10,206,802	83,928,740	
	Total Therms	9,964,613	4,468,199	2,590,820	2,157,851	2,103,133	2,150,220	2,968,566	6,796,420	11,053,071	15,223,115	14,449,769	10,225,142	84,150,920	
	Customers	1,887	1,880	1,854	1,871	1,860	1,847	1,844	1,838	1,837	1,833	1,833	1,834	1,852	
	Tier 1 Block 1	17,927	17,860	17,613	17,775	17,670	17,547	17,518	17,461	17,452	17,414	17,414	17,423	211,071	
	Tier 2 Block 1	944	940	927	936	930	924	922	919	919	917	917	917	11,109	
	Tier 1 Block 2	9,448,456	4,226,929	2,443,666	2,032,184	1,980,307	2,025,163	2,802,619	6,439,138	10,482,966	14,444,546	13,709,867	9,696,462	79,732,303	
	Tier 2 Block 2	497,287	222,470	128,614	106,957	104,227	106,588	147,506	338,902	551,735	760,239	721,572	510,340	4,196,437	
	Total Therms	9,964,613	4,468,199	2,590,820	2,157,851	2,103,133	2,150,220	2,968,566	6,796,420	11,053,071	15,223,115	14,449,769	10,225,142	84,150,920	
	Rates														
	Tier 1 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
	Tier 2 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
	Tier 1 Block 2	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	\$0.1938	
	Tier 2 Block 2	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	\$0.1551	
	Block 1	\$717,453	\$714,792	\$704,906	\$711,370	\$707,188	\$702,245	\$701,104	\$698,823	\$698,443	\$696,922	\$696,922	\$697,302	\$8,447,469	
	Tier 1 Block 2	\$1,831,111	\$819,179	\$473,583	\$393,837	\$383,783	\$392,477	\$543,148	\$1,247,905	\$2,031,599	\$2,799,353	\$2,656,972	\$1,879,174	\$15,452,120	
	Tier 2 Block 2	\$77,129	\$34,505	\$19,948	\$16,589	\$16,166	\$16,532	\$22,878	\$52,564	\$85,574	\$117,913	\$111,916	\$79,154	\$650,867	
	Total TC M Target	\$2,625,693	\$1,568,476	\$1,198,437	\$1,121,796	\$1,107,136	\$1,111,253	\$1,267,130	\$1,999,292	\$2,815,616	\$3,614,188	\$3,465,810	\$2,655,630	\$24,550,456	
	TC C-G	1.01389	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
Total Block 1		4,210	4,190	4,120	4,170	4,140	4,090	4,090	4,080	4,070	4,070	4,070	4,070	49,370	
Total Block 2		3,860,415	1,568,450	1,178,120	1,223,568	1,248,031	1,176,975	1,254,776	2,393,697	4,120,033	6,148,212	5,632,158	3,923,299	33,727,734	
Total Therms		3,864,625	1,572,640	1,182,240	1,227,738	1,252,171	1,181,065	1,258,866	2,397,777	4,124,103	6,152,282	5,636,228	3,927,369	33,777,104	
Customers		421	419	412	417	414	409	409	408	407	407	407	407	411	
Tier 1 Block 1		4,000	3,981	3,914	3,962	3,933	3,886	3,886	3,876	3,867	3,867	3,867	3,867	46,902	
Tier 2 Block 1		211	210	206	209	207	205	205	204	204	204	204	204	2,469	
Tier 1 Block 2		3,667,394	1,490,028	1,119,214	1,162,389	1,185,629	1,118,127	1,192,037	2,274,012	3,914,032	5,840,802	5,350,550	3,727,134	32,041,348	
Tier 2 Block 2		193,021	78,423	58,906	61,178	62,402	58,849	62,739	119,685	206,002	307,411	281,608	196,165	1,686,387	
Total Therms		3,864,625	1,572,640	1,182,240	1,227,738	1,252,171	1,181,065	1,258,866	2,397,777	4,124,103	6,152,282	5,636,228	3,927,369	33,777,104	
Rates															
Tier 1 Block 1		\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
Tier 2 Block 1		\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	
Tier 1 Block 2		\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	\$0.2331	
Tier 2 Block 2		\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	\$0.1865	
Block 1		\$160,068	\$159,307	\$156,646	\$158,547	\$157,406	\$155,505	\$155,505	\$155,125	\$154,745	\$154,745	\$154,745	\$154,745	\$1,877,089	
Tier 1 Block 2		\$854,870	\$347,325	\$260,889	\$270,953	\$276,370	\$260,635	\$277,864	\$530,072	\$912,361	\$1,361,491	\$1,247,213	\$868,795	\$7,468,838	
Tier 2 Block 2		\$35,998	\$14,626	\$10,986	\$11,410	\$11,638	\$10,975	\$11,701	\$22,321	\$38,419	\$57,332	\$52,520	\$36,585	\$314,511	
Total TC C-G Target		\$1,050,936	\$521,259	\$428,521	\$440,910	\$445,414	\$427,116	\$445,070	\$707,518	\$1,105,525	\$1,573,568	\$1,454,478	\$1,060,124	\$9,660,438	
Total NFRR Targets	\$3,676,629	\$2,089,734	\$1,626,957	\$1,562,706	\$1,552,551	\$1,538,369	\$1,712,200	\$2,706,810	\$3,921,141	\$5,187,756	\$4,920,288	\$3,715,755	\$34,210,894		

PSC NO: 12-GAS
COMPANY: THE BROOKLYN UNION GAS COMPANY
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 22 and 18-22**

Service Classification No. 22 Tier 1

	<u>\$/therm</u>
1 Incremental Cost of Gas	
a) Weighted Incremental Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Incremental Cost of Gas	xx.xx
OR	
Monthly Cost of Gas	
a) Variable Weighted Average Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Monthly Cost of Gas	xx.xx
Whichever is lower	
2 Adjustments	
a) Merchant Function Charge	
a) Annual Merchant Function Charge Imbalance Surcharge or (Refund)	xx.xx
Total adjustments	<u>xx.xx</u> xx.xx
3 Total Monthly Cost of Gas and Adjustments	xx.xx
4 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
5 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
6 Total Monthly Delivery Rate	xx.xx
7 Total Monthly SC 22 Tier 1 Sales Service	XX.XX

Issued by: Rudy Wynter, President, Brooklyn, NY

PSC NO: 12-GAS
COMPANY: THE BROOKLYN UNION GAS COMPANY
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 22 and 18-22**

Service Classification No. 22 Tier 2

	<u>\$/therm</u>
1 Incremental Cost of Gas	
a) Weighted Incremental Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Incremental Cost of Gas	xx.xx
OR	
Monthly Cost of Gas	
a) Variable Weighted Average Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Monthly Cost of Gas	xx.xx
Whichever is lower	
2 Adjustments	
a) Merchant Function Charge	
a) Annual Merchant Function Charge Imbalance Surcharge or (Refund)	xx.xx
Total adjustments	<u>xx.xx</u> xx.xx
3 Total Monthly Cost of Gas and Adjustments	xx.xx
4 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
5 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
6 Total Monthly Delivery Rate	xx.xx
7 Total Monthly SC 22 Tier 2 Sales Service	XX.XX

Issued by: Rudy Wynter, President, Brooklyn, NY

PSC NO: 12-GAS
COMPANY: THE BROOKLYN UNION GAS COMPANY
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 22 and 18-22**

Service Classification No. 18-22 Tier 1

	<u>\$/therm</u>
1 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
2 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
3 Total Monthly SC 18-22 Tier 1 Transportation Service	XX.XX

Issued by: Rudy Wynter, President, Brooklyn, NY

PSC NO: 12-GAS
COMPANY: THE BROOKLYN UNION GAS COMPANY
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 22 and 18-22**

Service Classification No. 18-22 Tier 2

	<u>\$/therm</u>
1 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
2 Delivery Rate Adjustment	
b) Demand Capacity Surcharge	xx.xx
c) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
3 Total Monthly SC 18-22 Tier 2 Transportation Service	XX.XX

Issued by: Rudy Wynter, President, Brooklyn, NY

The Brooklyn Union Gas Company d/b/a National Grid, NY
Total Annual Merchant Function Charges

	RY2 April 1, 2021- 31-Mar-2022	GAC Year September 1, 2021 - August 31, 2022	
GAC Factors (SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21 ,TC & Interruptible)			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses	\$ 2,401,116	\$ 2,403,313	b\
2 Commodity-Related Credit and Collection Expenses	\$ 3,182,528	\$ 4,019,009	b\
3 Uncollectible Expenses Associated With Gas Costs	\$ 4,329,000	\$ 4,277,728	a\
4 Return Requirement on Gas Purchase-Related Working Capital	\$ 1,824,055	\$ 1,802,451	a\
5 Return Requirement on Gas in Storage (w/o TC)	<u>\$ 2,612,624</u>	<u>\$ 2,504,981</u>	c\
Total	\$ 14,349,323	\$ 15,007,483	
TAC Factors (SC 17)			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses	\$ -	\$ -	
2 Commodity-related Credit and Collection Expenses	\$ -	\$ -	
3 Uncollectible Expenses Associated With Gas Costs	\$ -	\$ -	
4 Return Requirement on Gas Purchase-Related Working Capital	\$ -	\$ -	
5 Return Requirement on Gas in Storage (w/o TC)	<u>\$ 1,172,942</u>	<u>\$ 1,130,955</u>	c\
Total	\$ 1,172,942	\$ 1,130,955	
ESCO Charge (Serving SC 17)			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses	\$ -	\$ -	
2 Commodity-related Credit and Collection Expenses	\$ 1,603,546	\$ 773,158	b\
3 Uncollectible Expenses Associated With Gas Costs	\$ -	\$ -	
4 Return Requirement on Gas Purchase-Related Working Capital	\$ -	\$ -	
5 Return Requirement on Gas in Storage (w/o TC)	<u>\$ -</u>	<u>\$ -</u>	
Total	\$ 1,603,546	\$ 773,158	
Grand Total			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses ¹	\$ 2,401,116	\$ 2,403,313	b\
2 Commodity-related Credit and Collection Expenses ²	\$ 4,786,074	\$ 4,792,167	b\
3 Uncollectible Expenses Associated With Gas Costs ³	\$ 4,329,000	\$ 4,277,728	a\
4 Return Requirement on Gas Purchase-Related Working Capital ⁴	\$ 1,824,055	\$ 1,802,451	a\
5 Return Requirement on Gas in Storage (w/o TC) ⁵	<u>\$ 3,785,566</u>	<u>\$ 3,635,936</u>	c\
Total	\$ 17,125,810	\$ 16,911,595	

Notes

a\ = Estimated based on projected gas costs

b\ = Target

c\ = Estimated based on projected storage inventory costs

¹ Appendix 3, Schedule 2.5, Page 1 of 1, Line 1 + Line 3

² Appendix 3, Schedule 2.5, Page 1 of 1, Line 2

³ FY total - Schedule 6.3, Page 4

⁴ FY total - Schedule 6.3, Page 8

⁵ GAC Year (Sept 1, 2021 - Aug 31, 2022) - Schedule 6.3, Page 11

The Brooklyn Union Gas Company d/b/a National Grid, NY
Total Annual Merchant Function Charges
Annual Expense Target in GAC Year
Calculation Gas Procurement and Commodity-Related Sales Promotion Expenses
Applicable to Firm Sales Customers under SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC Sales and Interruptible Sales

Fiscal Year: 2022				Fiscal Year: 2023				Fiscal Year: 2024			
Total Annual Target / 1: \$2,401,116				Total Annual Target: \$2,401,116				Total Annual Target: \$2,401,116			
GAC Year	Volumes SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC Sales and Interruptible Sales			GAC Year	Volumes SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC Sales and Interruptible Sales			GAC Year	Volumes SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC Sales and Interruptible Sales		
	Monthly Allocation				Monthly Allocation				Monthly Allocation		
	Monthly DT	%	\$		Monthly DT	%	\$		Monthly DT	%	\$
Apr-2021	12,891,746	11%	\$273,990	Apr-2022	13,069,832	11%	\$275,006	Apr-2023	13,181,995	11%	\$274,418
May-2021	5,695,827	5%	\$121,054	May-2022	5,806,057	5%	\$122,167	May-2023	5,875,369	5%	\$122,312
Jun-2021	3,698,928	3%	\$78,614	Jun-2022	3,736,050	3%	\$78,611	Jun-2023	3,763,733	3%	\$78,352
Jul-2021	3,032,934	3%	\$64,459	Jul-2022	3,066,007	3%	\$64,513	Jul-2023	3,087,312	3%	\$64,271
Aug-2021	3,023,553	3%	\$64,260	Aug-2022	3,054,720	3%	\$64,275	Aug-2023	3,073,202	3%	\$63,977
Sep-2021	3,027,545	3%	\$64,345	Sep-2022	3,065,555	3%	\$64,503	Sep-2023	3,084,845	3%	\$64,219
Oct-2021	4,304,974	4%	\$91,494	Oct-2022	4,340,427	4%	\$91,328	Oct-2023	4,364,589	4%	\$90,861
Nov-2021	8,654,070	8%	\$183,926	Nov-2022	8,752,900	8%	\$184,172	Nov-2023	8,819,168	8%	\$183,595
Dec-2021	14,649,744	13%	\$311,353	Dec-2022	14,798,073	13%	\$311,371	Dec-2023	14,895,353	13%	\$310,087
Jan-2022	20,653,772	18%	\$438,957	Jan-2023	20,811,076	18%	\$437,892	Jan-2024	20,897,362	18%	\$435,034
Feb-2022	19,504,132	17%	\$414,523	Feb-2023	19,654,313	17%	\$413,552	Feb-2024	19,731,658	17%	\$410,767
Mar-2022	13,839,984	12%	\$294,143	Mar-2023	13,959,383	12%	\$293,724	Mar-2024	14,565,698	13%	\$303,224
Total	112,977,210	100%	\$2,401,116	Total	114,114,393	100%	\$2,401,116	Total	115,340,285	100%	\$2,401,116
GAC Year				GAC Year				GAC Year			
Monthly Allocation				Monthly Allocation				Monthly Allocation			
\$				\$				\$			
Sep-2021	3,027,545		\$64,345	Sep-2022	3,065,555		\$64,503	Sep-2023	3,084,845		\$64,219
Oct-2021	4,304,974		\$91,494	Oct-2022	4,340,427		\$91,328	Oct-2023	4,364,589		\$90,861
Nov-2021	8,654,070		\$183,926	Nov-2022	8,752,900		\$184,172	Nov-2023	8,819,168		\$183,595
Dec-2021	14,649,744		\$311,353	Dec-2022	14,798,073		\$311,371	Dec-2023	14,895,353		\$310,087
Jan-2022	20,653,772		\$438,957	Jan-2023	20,811,076		\$437,892	Jan-2024	20,897,362		\$435,034
Feb-2022	19,504,132		\$414,523	Feb-2023	19,654,313		\$413,552	Feb-2024	19,731,658		\$410,767
Mar-2022	13,839,984		\$294,143	Mar-2023	13,959,383		\$293,724	Mar-2024	14,565,698		\$303,224
Apr-2022	13,069,832		\$275,006	Apr-2023	13,181,995		\$274,418				
May-2022	5,806,057		\$122,167	May-2023	5,875,369		\$122,312				
Jun-2022	3,736,050		\$78,611	Jun-2023	3,763,733		\$78,352				
Jul-2022	3,066,007		\$64,513	Jul-2023	3,087,312		\$64,271				
Aug-2022	3,054,720		\$64,275	Aug-2023	3,073,202		\$63,977				
Total	113,366,887		\$2,403,313	Total	114,363,339		\$2,399,873				

The Brooklyn Union Gas Company d/b/a National Grid, NY
Total Annual Merchant Function Charges
Annual Expense Target in GAC Year
Commodity-Related Credit and Collection Expenses
SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 14, 21, TC & IT Sales and ESCOs (SC 17), TC & IT Transportation

Fiscal Year: 2022				Fiscal Year: 2023				Fiscal Year: 2024			
Total Annual Target / 1: \$4,786,074				Total Annual Target: \$4,786,074				Total Annual Target: \$4,786,074			
Volumes				Volumes				Volumes			
SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC & IT Sales and ESCOs (SC 17), TC & IT Transportation			Monthly Allocation	SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC & IT Sales and ESCOs (SC 17), TC & IT Transportation			Monthly Allocation	SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC & IT Sales and ESCOs (SC 17), TC & IT Transportation			Monthly Allocation
Month	Monthly DT	%	\$	Month	Monthly DT	%	\$	Month	Monthly DT	%	\$
Apr-2021	19,009,905	11%	\$535,502	Apr-2022	19,380,321	11%	\$537,416	Apr-2023	19,645,344	11%	\$537,087
May-2021	9,234,181	5%	\$260,124	May-2022	9,503,542	6%	\$263,533	May-2023	9,699,439	6%	\$265,175
Jun-2021	6,118,233	4%	\$172,348	Jun-2022	6,216,866	4%	\$172,394	Jun-2023	6,282,222	4%	\$171,751
Jul-2021	5,201,222	3%	\$146,517	Jul-2022	5,299,466	3%	\$146,954	Jul-2023	5,358,999	3%	\$146,511
Aug-2021	5,282,863	3%	\$148,816	Aug-2022	5,377,007	3%	\$149,104	Aug-2023	5,429,653	3%	\$148,442
Sep-2021	5,303,454	3%	\$149,396	Sep-2022	5,406,979	3%	\$149,935	Sep-2023	5,457,549	3%	\$149,205
Oct-2021	6,947,173	4%	\$195,699	Oct-2022	7,046,266	4%	\$195,393	Oct-2023	7,102,678	4%	\$194,181
Nov-2021	13,469,932	8%	\$379,443	Nov-2022	13,734,751	8%	\$380,864	Nov-2023	13,921,421	8%	\$380,600
Dec-2021	21,487,826	13%	\$605,304	Dec-2022	21,817,154	13%	\$604,989	Dec-2023	22,039,635	13%	\$602,545
Jan-2022	29,543,913	17%	\$832,242	Jan-2023	29,896,941	17%	\$829,042	Jan-2024	30,104,210	17%	\$823,024
Feb-2022	28,000,452	16%	\$788,763	Feb-2023	28,335,504	16%	\$785,743	Feb-2024	28,529,968	16%	\$779,985
Mar-2022	20,302,644	12%	\$571,918	Mar-2023	20,580,857	12%	\$570,707	Mar-2024	21,491,821	12%	\$587,568
Total	169,901,799	100%	\$4,786,074	Total	172,595,653	100%	\$4,786,074	Total	175,062,938	100%	\$4,786,074
GAC Year			Monthly Allocation	GAC Year			Monthly Allocation	GAC Year			Monthly Allocation
			\$				\$				\$
Sep-2021	5,303,454		\$149,396	Sep-2022	5,406,979		\$149,935	Sep-2023	5,457,549		\$149,205
Oct-2021	6,947,173		\$195,699	Oct-2022	7,046,266		\$195,393	Oct-2023	7,102,678		\$194,181
Nov-2021	13,469,932		\$379,443	Nov-2022	13,734,751		\$380,864	Nov-2023	13,921,421		\$380,600
Dec-2021	21,487,826		\$605,304	Dec-2022	21,817,154		\$604,989	Dec-2023	22,039,635		\$602,545
Jan-2022	29,543,913		\$832,242	Jan-2023	29,896,941		\$829,042	Jan-2024	30,104,210		\$823,024
Feb-2022	28,000,452		\$788,763	Feb-2023	28,335,504		\$785,743	Feb-2024	28,529,968		\$779,985
Mar-2022	20,302,644		\$571,918	Mar-2023	20,580,857		\$570,707	Mar-2024	21,491,821		\$587,568
Apr-2022	19,380,321		\$537,416	Apr-2023	19,645,344		\$537,087				
May-2022	9,503,542		\$263,533	May-2023	9,699,439		\$265,175				
Jun-2022	6,216,866		\$172,394	Jun-2023	6,282,222		\$171,751				
Jul-2022	5,299,466		\$146,954	Jul-2023	5,358,999		\$146,511				
Aug-2022	5,377,007		\$149,104	Aug-2023	5,429,653		\$148,442				
Total	170,832,596		\$4,792,167	Total	173,234,107		\$4,785,638				

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example - Calculation Gas Procurement and
Commodity-Related Sales Promotion Expenses and Reconciliation
Applicable to Firm Sales Customers under SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21
TC Sales and Interruptible Sales

1) Set Gas Procurement and Commodity-Related Sales Promotion Expenses for: September 1, 2021 - August 31, 2022	
a) Allowed Expenses	\$ 2,403,313
b) Forecasted SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21 & TC Sales	113,366,887 Dt
c) Unit Rate effective September 1, 2021 - August 31, 2022 = (1a / 1b)	0.02120 \$/Dt
2) Perform Annual Reconciliation for September 1, 2021 - August 31, 2022 : January 1, 2023 - December 31, 2023	
a) Actual Recoveries	\$ 2,400,000
b) Allowed Expense	\$ 2,403,313
c) Resulting Over Recovery (-) / Under Recovery (+) = (2b - 2a)	\$3,313
d) Forecasted SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 14 , 21 , TC & IT Sales	114,570,339 Dt
e) Annual Reconciliation effective January 1, 2023 - December 31, 2023 = (2c / 2d) (surcharges/credits shall include simple interest at the Commission's other customer capital rate)	0.00003 \$/Dt

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example
Calculation of Commodity Related Credit and Collection Charge and Annual Reconciliation
Applicable to Firm Sales Customers under SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21,
and SC 17 Firm Transport, TC and Interruptible Sales & Transportation

1) i) Set Commodity Related Credit and Collection Expense Charge for : September 1, 2021 - August 31, 2022

a) Allowed Commodity Related Credit and Collection Annual Expense	\$	4,792,167	
b) Forecasted Firm Sales, Firm Transportation and TC Sales and Transportation Customers: SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, 17, TC & IT		170,832,596	Dt
c) Commodity Related Credit and Collection Expense Charge (a / b) : Effective September 1, 2021 - August 31, 2022		0.02805	\$/Dt

ii) Allocation between Sales Customers & Transportation Customer's ESCO's	Annual Sales-Dt	%	Expenses
SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC & IT Sales	10,261,272	84%	\$ 4,019,009
ESCOs (SC 17) and TC & IT Transportation	<u>1,974,015</u>	<u>16%</u>	<u>\$ 773,158</u>
Total	12,235,287	100%	\$ 4,792,167

2) Perform Annual Reconciliation : January 1, 2023 - December 31, 2023

a) Actual Recoveries	\$	4,790,000	
b) Allowed Expense	\$	<u>4,792,167</u>	
c) Resulting Over Recovery (-) / Under Recovery (+) = (2b - 2a)		\$2,167	
d) Forecasted Firm Sales and Firm Transportation Customers: SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 14, 21, 17, TC & Interruptible Sales and Transportation		173,750,240	Dt
e) Annual Reconciliation effective January 1, 2023 - December 31, 2023 = (2c / 2d) (surcharges/credits shall include simple interest at the Commission's other customer capital rate)		0.00001	\$/Dt

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example - Calculation of Uncollectible Expenses Associated with Gas Costs
Applicable to Firm Sales Customers under SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21, TC & Interruptible

Set Commodity Related Uncollectible Expenses Associated with Gas Costs Each Month:	SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2- 1, 2-2, 3 & 21 <u>Per Dt</u>	SC 4A <u>Per Dt</u>	SC 4A- CNG <u>Per Dt</u>	SC 4B <u>Per Dt</u>	SC 7 & 14 <u>Per Dt</u>	TC Sales <u>Per Dt</u>
a) Effective Monthly Cost of Gas and Adjustments	\$4.35141	\$3.18315	\$2.89913	\$3.55162	\$2.61316	\$2.49330
b) Uncollectible Factor /1	0.8864%	0.8864%	0.8864%	0.8864%	0.8864%	0.8864%
c) Commodity Related Uncollectible Expense Charge: (a x b)	\$0.03857	\$0.02822	\$0.02570	\$0.03148	\$0.02316	\$0.02210

1/ Appendix 1, Schedule 1

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example - Calculation of Return Requirement on Gas Purchase Related Working Capital Charge
Applicable to Firm Sales Customers under SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21 , TC & Interruptible

	SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21 <u>Per Dt</u>	SC 4A <u>Per Dt</u>	SC 4A- CNG <u>Per Dt</u>	SC 4B <u>Per Dt</u>	SC 7& 14 <u>Per Dt</u>	TC Sales <u>Per Dt</u>
1) Set Commodity Related Uncollectible Expenses Associated with Gas Costs Each Month:						
a) Effective Monthly Cost of Gas and Adjustments	\$4.35141	\$3.18315	\$2.89913	\$3.55162	\$2.61316	\$2.49330
b) Lead Lag Rate	4.77%	4.77%	4.77%	4.77%	4.77%	4.77%
c) Pre-Tax Weighted Average Cost of Capital /1	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%
d) Return Requirement on Gas Purchase Working Capital Charge (\$/Dt) (a x b x c)	\$0.01625	\$0.01189	\$0.01083	\$0.01326	\$0.00976	\$0.00931

1/ Appendix 1, Schedule 1

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example - Calculation of Return Requirement on Gas Storage Inventory and Reconciliation
Applicable to Firm Sales Customers under SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 21
and Firm Transportation under SC 17

1) Set Return Requirement on Gas Storage Inventory Charge for: Sep 1, 2021 - Aug 31, 2022

	Estimated Storage Inventory Ending Balance (Less Capacity Release) (dt)	Estimated Wtd Avg Storage Inventory Cost (Based on 08/28/2019 NYMEX) (\$/dt)	Estimated Storage Inventory Costs (\$)
9/30/2021	55,841,791	\$ 2.22	\$ 123,847,238
10/31/2021	65,138,289	\$ 2.22	\$ 144,501,546
11/30/2021	60,655,392	\$ 2.22	\$ 134,628,135
12/31/2021	48,772,429	\$ 2.21	\$ 108,030,313
1/31/2022	33,298,800	\$ 2.20	\$ 73,372,448
2/28/2022	19,082,211	\$ 2.18	\$ 41,544,651
3/31/2022	8,795,723	\$ 2.13	\$ 18,773,834
4/30/2022	7,687,312	\$ 2.11	\$ 16,200,651
5/31/2022	18,359,593	\$ 2.06	\$ 37,892,234
6/30/2022	28,634,642	\$ 2.04	\$ 58,432,519
7/31/2022	37,085,840	\$ 2.04	\$ 75,543,203
8/31/2022	45,736,884	\$ 2.04	\$ 93,109,070
	429,088,905		\$ 925,875,842
a) Estimated Monthly Average Storage Inventory Costs (12 Months)			\$ 77,156,320
b) Allocation between KEDNY and KEDLI (based on Forecasted Sales)			
KEDNY (Firm Sales and Firm Transportation)	158,597,309	60%	\$ 46,435,968
KEDLI (Firm Sales and Firm Transportation)	104,922,225	40%	\$ 30,720,352
Total	263,519,534	100%	\$ 77,156,320
c) Pre-Tax Weighted Average Cost of Capital			
Rate Year 2 (Apr 1, 2021 to Mar 31, 2022)			7.83%
Rate Year 3 (Apr 1, 2022 to Mar 31, 2023)			7.83%
Average Pre-Tax WACC (7 months of rate year 2 and 5 months of Rate Year 3)			7.83%
d) Estimated Return Requirement on Gas Storage Inventory (1a x 1b)			\$ 3,635,936

2) Allocate Return Requirement on Gas Storage Inventory to Firm Sales & Firm Transportation Customers

	Firm Sales	Firm Transportation	Total
a) Total Storage Capacity (dt)	43,084,788.43	23,188,338.36	66,273,127
b) Less Storage Capacity Release (dt)	-	3,736,315	3,736,315
c) Net Storage Inventory	43,084,788	19,452,023	62,536,812
d) Storage Inventory Allocators	69%	31%	100%
e) Allocated Return Requirement on Gas Storage Inventory	\$ 2,504,981	\$ 1,130,955	\$ 3,635,936
f) Forecasted Firm Sales and Firm Transport Vols 9/1/21 - 8/31/22 (dt)	103,105,615	55,491,694	158,597,309
g) % Breakdown on Vols:	65%	35%	100%
h) Return Requirement on Gas Storage Inventory Charge (\$/dt) Effective September 1, 2020 - August 31, 2021	\$ 0.02430	\$ 0.02038	

3) Annual Reconciliation for: Jan 1, 2023 - Dec 31, 2023

a) Actual Recoveries	\$ 2,300,000	\$ 1,200,000	
b) Allowed Expense	\$ 2,504,981	\$ 1,130,955	
c) Resulting Over Recovery (-) / Under Recovery (+) = (3b - 3a)	\$204,981	(\$69,045)	
d) Forecasted Firm Sales and Firm Transportation Customers:	104,920,458	57,337,334 Dt	
e) Annual Reconciliation effective January 1, 2023 - December 31, 2023 = (3c / 3d) (surcharges/credits shall include simple interest at the Commission's other customer capital rate)	\$ 0.00195	\$ (0.00120) \$/Dt	

RDM Targets
KEDNY

	Apr-2020	May-2020	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Avg Cust/Total Vol/Revenue
SC 1A													
Customers	415,797	416,022	416,607	417,568	417,196	416,909	415,848	415,532	415,560	415,862	416,041	416,424	416,281
Volume (Therms)	3,975,966	2,830,259	2,294,352	2,088,600	2,076,405	2,059,107	2,381,196	3,251,664	4,208,327	5,081,506	4,960,611	4,156,165	39,364,159
Delivery Revenue	\$11,025,574	\$9,759,520	\$9,132,305	\$8,883,095	\$8,823,186	\$8,825,341	\$9,267,678	\$10,305,604	\$11,267,272	\$12,145,700	\$12,049,752	\$11,259,133	\$122,744,160
Tax Credit	(\$363,006)	(\$258,403)	(\$209,474)	(\$190,689)	(\$189,576)	(\$187,996)	(\$217,403)	(\$296,877)	(\$384,220)	(\$463,942)	(\$452,904)	(\$379,458)	(\$3,593,948)
Energy Efficiency Surcharge (ETIPS)	\$48,873	\$34,790	\$28,202	\$25,673	\$25,523	\$25,311	\$29,270	\$39,970	\$51,729	\$62,462	\$60,976	\$51,088	\$483,869
Billing Fee	\$590,432	\$590,751	\$591,582	\$592,947	\$592,418	\$592,011	\$590,504	\$590,055	\$590,095	\$590,524	\$590,778	\$591,322	\$7,093,420
Customers	78,724	78,766	78,877	79,059	78,989	78,934	78,733	78,673	78,679	78,736	78,770	78,842	78,815
Volume (Therms)	607,257	470,201	400,681	382,655	374,544	369,231	473,027	577,358	669,584	779,194	744,954	613,987	6,462,672
Delivery Revenue	\$1,920,104	\$1,766,961	\$1,685,918	\$1,665,701	\$1,646,221	\$1,642,275	\$1,785,324	\$1,901,266	\$1,985,640	\$2,097,722	\$2,066,247	\$1,931,610	\$22,094,988
Tax Credit	(\$55,443)	(\$42,929)	(\$36,582)	(\$34,936)	(\$34,196)	(\$33,711)	(\$43,187)	(\$52,713)	(\$61,133)	(\$71,140)	(\$68,014)	(\$56,057)	(\$590,042)
Energy Efficiency Surcharge (ETIPS)	\$8,297	\$6,424	\$5,475	\$5,228	\$5,117	\$5,045	\$6,463	\$7,889	\$9,149	\$10,646	\$10,178	\$8,389	\$88,300
Billing Fee	\$111,788	\$111,848	\$112,005	\$112,264	\$112,164	\$112,086	\$111,801	\$111,716	\$111,724	\$111,805	\$111,853	\$111,956	\$1,343,010
Customers	62,937	62,971	63,060	63,205	63,149	63,105	62,945	62,897	62,901	62,947	62,974	63,032	63,010
Volume (Therms)	1,267,016	1,028,049	867,805	825,337	853,653	866,154	1,048,871	1,351,071	1,506,705	1,759,202	1,672,401	1,295,719	14,341,984
Delivery Revenue	\$2,247,448	\$2,010,217	\$1,843,941	\$1,798,105	\$1,846,379	\$1,840,101	\$2,007,408	\$2,334,955	\$2,443,961	\$2,732,177	\$2,631,015	\$2,279,423	\$26,015,130
Tax Credit	(\$115,679)	(\$93,861)	(\$79,231)	(\$75,353)	(\$77,939)	(\$79,080)	(\$95,762)	(\$123,353)	(\$137,562)	(\$160,615)	(\$152,690)	(\$118,299)	(\$1,309,423)
Energy Efficiency Surcharge (ETIPS)	\$16,386	\$13,296	\$11,223	\$10,674	\$11,040	\$11,202	\$13,565	\$17,473	\$19,486	\$22,752	\$21,629	\$16,758	\$185,486
Billing Fee	\$89,371	\$89,419	\$89,545	\$89,751	\$89,672	\$89,609	\$89,382	\$89,314	\$89,319	\$89,385	\$89,423	\$89,505	\$1,073,695
Customers	7,977	7,981	7,993	8,011	8,004	7,998	7,978	7,972	7,973	7,978	7,982	7,989	7,986
Volume (Therms)	53,839	42,765	37,494	37,154	36,877	36,368	45,101	51,511	57,515	65,905	61,951	53,539	580,020
Delivery Revenue	\$179,149	\$168,016	\$162,469	\$162,364	\$162,369	\$161,430	\$168,212	\$175,575	\$181,522	\$190,286	\$186,564	\$178,835	\$2,076,790
Tax Credit	(\$4,915)	(\$3,904)	(\$3,423)	(\$3,392)	(\$3,367)	(\$3,320)	(\$4,118)	(\$4,703)	(\$5,251)	(\$6,017)	(\$5,656)	(\$4,888)	(\$52,956)
Energy Efficiency Surcharge (ETIPS)	\$648	\$515	\$451	\$447	\$444	\$438	\$543	\$620	\$692	\$793	\$746	\$644	\$6,981
Billing Fee	\$11,327	\$11,333	\$11,350	\$11,376	\$11,366	\$11,357	\$11,329	\$11,320	\$11,322	\$11,329	\$11,334	\$11,344	\$136,087
Customers	565,435	565,740	566,537	567,843	567,338	566,946	565,504	565,074	565,113	565,523	565,767	566,287	566,092
Volume (Therms)	5,904,078	4,371,274	3,600,332	3,333,747	3,341,479	3,330,860	3,948,195	5,231,605	6,442,130	7,685,808	7,439,917	6,119,410	60,748,835
Delivery Revenue	\$15,372,274	\$13,704,714	\$12,824,633	\$12,509,265	\$12,478,154	\$12,469,148	\$13,228,622	\$14,717,400	\$15,878,395	\$17,165,885	\$16,933,577	\$15,649,001	\$172,931,068
Tax Credit	(\$539,042)	(\$399,097)	(\$328,710)	(\$304,371)	(\$305,077)	(\$304,108)	(\$360,470)	(\$477,646)	(\$588,166)	(\$701,714)	(\$679,264)	(\$558,702)	(\$5,546,369)
Energy Efficiency Surcharge (ETIPS)	\$74,204	\$55,025	\$45,352	\$42,023	\$42,125	\$41,995	\$49,841	\$65,952	\$81,056	\$96,654	\$93,530	\$76,879	\$764,636
Billing Fee	\$802,918	\$803,351	\$804,483	\$806,337	\$805,620	\$805,063	\$803,016	\$802,405	\$802,460	\$803,043	\$803,389	\$804,128	\$9,646,212
SC 1A RDM Target	\$15,710,354	\$14,163,992	\$13,345,756	\$13,053,254	\$13,020,822	\$13,012,099	\$13,721,008	\$15,108,111	\$16,173,746	\$17,363,868	\$17,151,231	\$15,971,305	\$177,795,548

RDM Targets
KEDNY

	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Avg Cust/Total Revenue
<u>SC 1A</u>													
Customers	416,357	416,145	416,114	416,233	415,016	414,310	413,232	412,885	412,732	413,541	413,520	413,856	414,495
Volume (Therms)	3,992,142	2,839,452	2,256,681	2,047,471	2,031,348	2,012,314	2,332,790	3,230,650	4,178,575	5,056,213	4,933,976	4,134,256	39,045,868
Delivery Revenue	\$11,495,865	\$10,080,234	\$9,311,743	\$9,017,340	\$8,930,176	\$8,923,398	\$9,411,337	\$10,602,342	\$11,652,565	\$12,637,439	\$12,525,940	\$11,655,957	\$126,244,335
Billing Fee	\$545,428	\$545,150	\$545,109	\$545,265	\$543,671	\$542,746	\$541,334	\$540,879	\$540,679	\$541,739	\$541,711	\$542,151	\$6,515,863
Customers	78,830	78,790	78,784	78,806	78,576	78,442	78,238	78,172	78,143	78,296	78,292	78,356	78,477
Volume (Therms)	609,727	471,733	394,104	375,119	366,416	360,841	463,412	573,628	664,845	775,310	740,947	610,752	6,406,833
Delivery Revenue	\$1,990,675	\$1,818,955	\$1,715,888	\$1,689,760	\$1,665,320	\$1,659,361	\$1,815,153	\$1,952,538	\$2,044,158	\$2,170,602	\$2,134,950	\$1,986,777	\$22,644,136
Billing Fee	\$103,267	\$103,215	\$103,207	\$103,236	\$102,935	\$102,759	\$102,492	\$102,405	\$102,367	\$102,568	\$102,563	\$102,646	\$1,233,660
Customers	63,022	62,990	62,985	63,003	62,819	62,712	62,549	62,496	62,473	62,596	62,592	62,643	752,880
Volume (Therms)	1,272,176	1,031,394	853,551	809,086	835,129	846,476	1,027,549	1,342,332	1,496,055	1,750,455	1,663,410	1,288,882	14,216,495
Delivery Revenue	\$2,382,364	\$2,117,070	\$1,911,624	\$1,856,708	\$1,904,763	\$1,895,788	\$2,079,742	\$2,456,147	\$2,574,489	\$2,896,060	\$2,783,511	\$2,396,839	\$27,255,106
Billing Fee	\$82,559	\$82,517	\$82,510	\$82,534	\$82,293	\$82,153	\$81,939	\$81,870	\$81,840	\$82,001	\$81,996	\$82,062	\$986,273
Customers	7,988	7,984	7,983	7,986	7,962	7,949	7,928	7,921	7,918	7,934	7,933	7,940	7,952
Volume (Therms)	54,059	42,907	36,876	36,425	36,076	35,545	44,186	51,177	57,103	65,582	61,614	53,259	574,808
Delivery Revenue	\$184,590	\$172,063	\$164,971	\$164,468	\$164,116	\$162,986	\$170,396	\$179,086	\$185,514	\$195,456	\$191,238	\$182,739	\$2,117,622
Billing Fee	\$10,464	\$10,459	\$10,458	\$10,462	\$10,430	\$10,413	\$10,386	\$10,377	\$10,373	\$10,394	\$10,392	\$10,401	\$125,008
Customers	566,197	565,909	565,866	566,028	564,373	563,413	561,947	561,474	561,266	562,367	562,337	562,795	563,664
Volume (Therms)	5,928,104	4,385,486	3,541,212	3,268,101	3,268,969	3,255,175	3,867,937	5,197,787	6,396,577	7,647,559	7,399,947	6,087,149	60,244,004
Delivery Revenue	\$16,053,494	\$14,188,323	\$13,104,225	\$12,728,275	\$12,664,374	\$12,641,533	\$13,476,628	\$15,190,113	\$16,456,726	\$17,899,557	\$17,635,639	\$16,222,312	\$178,261,199
Billing Fee	\$741,718	\$741,341	\$741,284	\$741,497	\$739,329	\$738,071	\$736,151	\$735,531	\$735,258	\$736,701	\$736,661	\$737,261	\$8,860,803
SC 1A Non Heat RDM Target	\$16,795,212	\$14,929,664	\$13,845,510	\$13,469,771	\$13,403,703	\$13,379,604	\$14,212,779	\$15,925,644	\$17,191,984	\$18,636,257	\$18,372,300	\$16,959,574	\$187,122,002
Customers	503,636	503,433	502,129	501,665	501,638	502,087	503,571	504,556	506,276	507,408	508,565	509,008	504,498
Volume (Therms)	70,034,594	26,503,250	17,413,579	13,619,987	13,687,088	13,668,408	21,456,615	45,710,707	80,994,935	117,455,156	110,391,260	75,740,112	606,675,690
Delivery Revenue	\$56,786,820	\$33,977,497	\$27,652,128	\$24,129,085	\$24,198,061	\$24,239,457	\$30,803,445	\$44,841,845	\$61,840,520	\$78,172,641	\$75,187,863	\$59,716,016	\$541,545,378
Billing Fee	\$659,763	\$659,497	\$657,789	\$657,181	\$657,146	\$657,734	\$659,678	\$660,968	\$663,222	\$664,704	\$666,220	\$666,800	\$7,930,703
Customers	64,058	64,032	63,866	63,807	63,803	63,860	64,049	64,175	64,393	64,537	64,684	64,741	64,167
Volume (Therms)	8,495,782	3,321,207	2,309,638	1,880,572	1,846,627	1,840,757	3,000,531	5,611,670	9,694,863	14,049,531	13,175,307	9,130,654	74,357,138
Delivery Revenue	\$7,033,511	\$4,288,130	\$3,597,201	\$3,204,545	\$3,179,118	\$3,182,070	\$4,124,011	\$5,601,583	\$7,589,145	\$9,549,419	\$9,180,181	\$7,367,891	\$67,896,805
Billing Fee	\$83,916	\$83,882	\$83,664	\$83,587	\$83,582	\$83,657	\$83,904	\$84,069	\$84,355	\$84,543	\$84,736	\$84,811	\$1,008,707
Customers	71,379	71,350	71,166	71,100	71,096	71,160	71,370	71,510	71,753	71,914	72,078	72,141	71,501
Volume (Therms)	11,276,417	4,243,710	2,785,639	2,159,244	2,159,102	2,169,056	3,443,123	7,317,614	13,093,756	19,035,144	17,848,858	12,123,327	97,654,988
Delivery Revenue	\$8,728,004	\$5,186,815	\$4,151,168	\$3,606,758	\$3,595,885	\$3,607,653	\$4,666,646	\$6,826,034	\$9,545,833	\$12,174,570	\$11,668,838	\$9,149,889	\$82,908,095
Billing Fee	\$93,506	\$93,469	\$93,227	\$93,141	\$93,136	\$93,220	\$93,495	\$93,678	\$93,996	\$94,207	\$94,422	\$94,505	\$1,124,002
Customers	2,419	2,418	2,412	2,410	2,410	2,412	2,419	2,424	2,432	2,437	2,443	2,445	2,423
Volume (Therms)	312,323	120,854	85,213	71,740	72,494	70,538	115,490	200,111	358,213	528,477	485,649	326,259	2,747,360
Delivery Revenue	\$264,090	\$159,921	\$133,094	\$120,891	\$121,254	\$119,517	\$157,244	\$206,784	\$285,235	\$361,432	\$343,107	\$272,023	\$2,544,592
Billing Fee	\$3,169	\$3,168	\$3,160	\$3,157	\$3,157	\$3,160	\$3,169	\$3,175	\$3,186	\$3,192	\$3,200	\$3,203	\$38,096
Customers	641,492	641,233	639,573	638,982	638,947	639,519	641,409	642,665	644,854	646,296	647,770	648,335	7,711,075
Volume (Therms)	90,119,116	34,189,020	22,594,068	17,731,544	17,765,311	17,748,759	28,015,758	58,840,101	104,141,766	151,068,309	141,901,073	97,320,353	781,435,176
Delivery Revenue	\$72,812,424	\$43,612,363	\$35,533,592	\$31,061,279	\$31,094,318	\$31,148,697	\$39,751,346	\$57,476,246	\$79,260,734	\$100,258,061	\$96,379,989	\$76,505,820	\$694,894,869
Billing Fee	\$840,355	\$840,015	\$837,841	\$837,066	\$837,021	\$837,770	\$840,246	\$841,891	\$844,759	\$846,648	\$848,579	\$849,319	\$10,101,508
SC 1B Heat RDM Target	\$73,652,779	\$44,452,378	\$36,371,433	\$31,898,345	\$31,931,339	\$31,986,467	\$40,591,591	\$58,318,137	\$80,105,492	\$101,104,709	\$97,228,568	\$77,355,139	\$704,996,378

RDM Targets
KEDNY

	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Avg Cust/Total Revenue
SC 2-1													
Customers	9,343	9,301	9,147	9,002	8,931	8,914	8,974	9,030	9,235	9,425	9,533	9,576	9,201
Volume (Therms)	4,323,105	3,942,114	4,112,463	4,018,225	3,975,887	3,909,604	4,244,914	4,600,822	4,596,909	5,172,790	4,868,354	4,163,530	51,928,716
Delivery Revenue	\$2,269,207	\$2,089,987	\$2,150,600	\$2,102,211	\$2,064,113	\$2,033,311	\$2,184,098	\$2,339,769	\$2,340,655	\$2,607,128	\$2,506,358	\$2,218,233	\$26,905,669
Billing Fee	\$12,239	\$12,184	\$11,983	\$11,793	\$11,700	\$11,677	\$11,756	\$11,829	\$12,098	\$12,347	\$12,488	\$12,545	\$144,638
SC 17-2-1													
Customers	4,411	4,392	4,319	4,250	4,217	4,209	4,237	4,263	4,361	4,450	4,501	4,521	4,344
Volume (Therms)	4,891,912	4,251,893	4,480,514	4,619,361	4,637,216	4,542,337	4,762,865	5,071,551	5,066,130	5,968,772	5,563,650	4,821,469	58,677,670
Delivery Revenue	\$2,148,779	\$1,922,045	\$1,993,147	\$2,027,524	\$1,995,365	\$1,966,143	\$2,078,001	\$2,227,944	\$2,209,242	\$2,546,396	\$2,396,294	\$2,133,163	\$25,644,043
Billing Fee	\$5,778	\$5,754	\$5,658	\$5,568	\$5,524	\$5,514	\$5,550	\$5,585	\$5,713	\$5,830	\$5,896	\$5,923	\$68,292
SC 2-1 Total													
Customers	13,754	13,693	13,466	13,252	13,148	13,123	13,211	13,293	13,596	13,875	14,034	14,097	13,545
Volume (Therms)	9,215,016	8,194,007	8,592,977	8,637,586	8,613,103	8,451,940	9,007,779	9,672,373	9,663,039	11,141,561	10,432,004	8,984,999	110,606,386
Delivery Revenue	\$4,417,986	\$4,012,032	\$4,143,747	\$4,129,735	\$4,059,477	\$3,999,455	\$4,262,099	\$4,567,712	\$4,549,897	\$5,153,524	\$4,902,652	\$4,351,396	\$52,549,712
Billing Fee	\$18,018	\$17,938	\$17,640	\$17,360	\$17,224	\$17,191	\$17,306	\$17,414	\$17,811	\$18,176	\$18,385	\$18,467	\$212,930
SC 2-1 Non Heat RDM Target	\$4,436,004	\$4,029,970	\$4,161,388	\$4,147,096	\$4,076,701	\$4,016,646	\$4,279,405	\$4,585,126	\$4,567,708	\$5,171,700	\$4,921,036	\$4,369,863	\$52,762,642
SC 2-2													
Customers	31,076	30,937	30,424	29,943	29,706	29,649	29,850	30,035	30,719	31,346	31,710	31,852	30,604
Volume (Therms)	14,339,466	5,999,655	2,838,648	2,070,884	1,942,571	1,991,595	2,712,627	8,469,523	16,479,524	23,313,565	22,639,774	16,815,490	119,613,323
Delivery Revenue	\$9,144,863	\$4,573,326	\$2,683,080	\$2,256,640	\$2,170,797	\$2,207,480	\$2,628,893	\$5,780,133	\$10,197,000	\$13,802,266	\$13,603,073	\$9,876,242	\$78,923,794
Billing Fee	\$40,710	\$40,527	\$39,855	\$39,225	\$38,915	\$38,840	\$39,104	\$39,346	\$40,242	\$41,063	\$41,540	\$41,726	\$481,094
SC 17-2-2													
Customers	7,576	7,542	7,417	7,299	7,242	7,228	7,277	7,322	7,489	7,642	7,730	7,764	7,461
Volume (Therms)	5,615,567	2,499,060	1,397,089	1,074,403	1,015,662	1,054,423	1,287,418	3,155,958	6,153,887	8,915,954	8,713,850	6,412,535	47,295,806
Delivery Revenue	\$3,401,217	\$1,725,711	\$1,075,054	\$891,331	\$851,707	\$860,533	\$1,012,032	\$2,054,987	\$3,683,932	\$5,091,475	\$5,035,407	\$3,839,012	\$29,522,398
Billing Fee	\$9,925	\$9,880	\$9,716	\$9,562	\$9,487	\$9,469	\$9,533	\$9,592	\$9,811	\$10,011	\$10,126	\$10,171	\$117,282
SC 2-2 Total													
Customers	38,652	38,479	37,841	37,242	36,948	36,877	37,127	37,357	38,208	38,988	39,440	39,616	38,065
Volume (Therms)	19,955,033	8,498,715	4,235,737	3,145,287	2,958,233	3,046,018	4,000,045	11,625,481	22,633,411	32,229,519	31,353,625	23,228,025	166,909,129
Delivery Revenue	\$12,546,080	\$6,299,036	\$3,758,134	\$3,147,971	\$3,022,504	\$3,068,013	\$3,640,925	\$7,835,120	\$13,880,932	\$18,893,741	\$18,638,480	\$13,715,254	\$108,446,191
Billing Fee	\$50,634	\$50,407	\$49,572	\$48,787	\$48,402	\$48,309	\$48,636	\$48,938	\$50,052	\$51,074	\$51,666	\$51,897	\$598,375
SC 2-2 Heat RDM Target	\$12,596,714	\$6,349,444	\$3,807,706	\$3,196,758	\$3,070,905	\$3,116,322	\$3,689,561	\$7,884,057	\$13,930,984	\$18,944,816	\$18,690,147	\$13,767,151	\$109,044,567
SC 3													
Customers	11,798	11,826	11,823	11,842	11,840	11,857	11,881	11,890	11,948	11,982	12,009	12,017	142,713
Volume (Therms)	13,571,131	7,597,372	2,846,359	2,389,035	2,317,318	2,336,683	2,970,371	9,123,899	15,113,270	20,359,059	19,232,691	14,381,006	112,238,195
Delivery Revenue	\$5,941,814	\$3,585,335	\$1,670,851	\$1,579,677	\$1,471,511	\$1,473,004	\$1,742,627	\$4,220,387	\$6,536,971	\$8,550,893	\$8,112,740	\$6,274,362	\$51,160,171
Billing Fee	\$15,455	\$15,492	\$15,488	\$15,513	\$15,510	\$15,533	\$15,564	\$15,576	\$15,652	\$15,696	\$15,732	\$15,742	\$186,954
SC 17-3													
Customers	7,033	7,049	7,048	7,058	7,057	7,068	7,082	7,087	7,122	7,143	7,158	7,163	7,089
Volume (Therms)	28,316,542	16,788,860	6,930,570	6,328,704	6,444,811	6,436,225	8,422,616	24,226,828	33,341,381	42,790,841	40,572,808	31,360,715	251,960,900
Delivery Revenue	\$10,731,717	\$6,590,108	\$3,010,745	\$2,758,798	\$2,783,734	\$2,786,518	\$3,530,674	\$9,275,870	\$12,541,698	\$15,896,599	\$15,121,540	\$11,846,204	\$96,874,205
Billing Fee	\$9,213	\$9,234	\$9,233	\$9,246	\$9,245	\$9,259	\$9,277	\$9,284	\$9,330	\$9,357	\$9,377	\$9,384	\$111,439
SC 3 Total													
Customers	18,831	18,875	18,871	18,900	18,897	18,925	18,963	18,977	19,070	19,125	19,167	19,180	18,982
Volume (Therms)	41,887,673	24,386,232	9,776,929	8,717,739	8,762,129	8,772,907	11,392,987	33,350,726	48,454,651	63,149,900	59,805,500	45,741,721	364,199,095
Delivery Revenue	\$16,673,531	\$10,175,442	\$4,681,596	\$4,338,476	\$4,255,245	\$4,259,522	\$5,273,301	\$13,496,256	\$19,078,669	\$24,447,492	\$23,234,280	\$18,120,566	\$148,034,376
Billing Fee	\$24,669	\$24,726	\$24,721	\$24,759	\$24,755	\$24,792	\$24,842	\$24,860	\$24,982	\$25,054	\$25,109	\$25,126	\$298,393
SC 3 RDM Target	\$16,698,200	\$10,200,169	\$4,706,317	\$4,363,235	\$4,280,000	\$4,284,313	\$5,298,143	\$13,521,116	\$19,103,651	\$24,472,545	\$23,259,389	\$18,145,692	\$148,332,769
Total RDM Target	\$124,178,909	\$79,961,624	\$62,892,354	\$57,075,205	\$56,762,648	\$56,783,352	\$68,071,480	\$100,234,080	\$134,899,819	\$168,330,028	\$162,471,441	\$130,597,418	\$1,202,258,358

RDM Targets
KEDNY

	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Avg Cust/Total Revenue
SC 1A													
Customers	413,848	413,714	413,724	413,846	412,634	411,960	410,947	410,666	410,561	411,508	411,517	411,890	412,235
Volume (Therms)	3,972,098	2,828,249	2,208,965	2,001,475	1,985,679	1,967,135	2,286,648	3,217,029	4,160,233	5,034,568	4,913,484	4,118,482	38,694,047
Delivery Revenue	\$11,815,544	\$10,282,335	\$9,392,715	\$9,077,346	\$8,986,916	\$8,974,994	\$9,497,667	\$10,848,636	\$12,000,153	\$13,081,653	\$12,959,505	\$12,006,058	\$128,923,522
Billing Fee	\$542,141	\$541,965	\$541,978	\$542,138	\$540,551	\$539,668	\$538,341	\$537,972	\$537,835	\$539,075	\$539,087	\$539,576	\$6,480,328
Customers	78,355	78,329	78,331	78,354	78,125	77,997	77,805	77,752	77,732	77,911	77,913	77,984	78,049
Volume (Therms)	606,666	469,867	385,768	366,691	358,178	352,739	454,244	571,210	661,927	771,990	737,872	608,423	6,345,577
Delivery Revenue	\$2,035,884	\$1,850,327	\$1,728,369	\$1,700,191	\$1,675,135	\$1,668,474	\$1,833,552	\$1,995,007	\$2,096,430	\$2,235,323	\$2,196,422	\$2,034,659	\$23,049,772
Billing Fee	\$102,645	\$102,611	\$102,614	\$102,644	\$102,344	\$102,176	\$101,925	\$101,855	\$101,829	\$102,063	\$102,066	\$102,159	\$1,226,930
Customers	62,642	62,622	62,623	62,642	62,458	62,356	62,203	62,160	62,144	62,288	62,289	62,346	748,773
Volume (Therms)	1,265,784	1,027,324	835,500	790,914	816,348	827,468	1,007,223	1,336,670	1,489,478	1,742,954	1,656,507	1,283,977	14,080,146
Delivery Revenue	\$2,498,625	\$2,209,480	\$1,966,728	\$1,906,959	\$1,956,688	\$1,948,470	\$2,151,272	\$2,581,938	\$2,715,722	\$3,065,638	\$2,943,935	\$2,518,134	\$28,463,590
Billing Fee	\$82,061	\$82,035	\$82,036	\$82,061	\$81,820	\$81,686	\$81,486	\$81,430	\$81,409	\$81,597	\$81,599	\$81,673	\$980,893
Customers	7,940	7,937	7,937	7,940	7,916	7,904	7,884	7,879	7,877	7,895	7,895	7,902	7,909
Volume (Therms)	53,789	42,736	36,096	35,606	35,264	34,747	43,311	50,965	56,857	65,301	61,361	53,054	569,086
Delivery Revenue	\$188,381	\$174,816	\$166,480	\$165,891	\$165,452	\$164,361	\$172,526	\$182,680	\$189,810	\$200,558	\$196,021	\$186,675	\$2,153,651
Billing Fee	\$10,401	\$10,397	\$10,397	\$10,401	\$10,370	\$10,354	\$10,328	\$10,321	\$10,319	\$10,342	\$10,342	\$10,352	\$124,327
Customers	562,785	562,602	562,615	562,782	561,133	560,217	558,839	558,457	558,314	559,602	559,614	560,122	560,590
Volume (Therms)	5,898,338	4,368,176	3,466,328	3,194,687	3,195,468	3,182,089	3,791,426	5,175,875	6,368,495	7,614,813	7,369,224	6,063,935	59,688,855
Delivery Revenue	\$16,538,434	\$14,516,958	\$13,254,292	\$12,850,387	\$12,784,191	\$12,756,300	\$13,655,017	\$15,608,261	\$17,002,115	\$18,583,173	\$18,295,883	\$16,745,525	\$182,590,535
Billing Fee	\$737,248	\$737,009	\$737,026	\$737,244	\$735,084	\$733,884	\$732,079	\$731,579	\$731,391	\$733,079	\$733,094	\$733,760	\$8,812,477
SC 1A Non Heat RDM Target	\$17,275,682	\$15,253,967	\$13,991,318	\$13,587,632	\$13,519,276	\$13,490,184	\$14,387,096	\$16,339,840	\$17,733,506	\$19,316,251	\$19,028,977	\$17,479,285	\$191,403,013
SC 1B													
Customers	509,241	509,015	507,708	507,224	507,192	507,631	509,111	510,109	511,841	512,771	513,951	514,420	510,018
Volume (Therms)	70,713,304	26,761,017	17,588,041	13,757,497	13,825,134	13,805,871	21,667,631	46,149,202	81,768,298	118,387,106	111,269,703	76,347,007	612,039,812
Delivery Revenue	\$59,347,309	\$35,321,588	\$28,662,713	\$24,951,851	\$25,024,573	\$25,066,946	\$31,978,019	\$46,761,630	\$64,656,993	\$81,748,997	\$78,613,956	\$62,353,857	\$564,488,432
Billing Fee	\$667,106	\$666,810	\$665,097	\$664,463	\$664,422	\$664,997	\$666,935	\$668,243	\$670,512	\$671,730	\$673,276	\$673,890	\$8,017,480
Customers	64,770	64,742	64,575	64,514	64,510	64,566	64,754	64,881	65,101	65,219	65,369	65,429	64,869
Volume (Therms)	8,577,995	3,353,509	2,332,756	1,899,558	1,865,269	1,859,295	3,030,057	5,665,476	9,787,461	14,160,982	13,280,141	9,203,767	75,016,265
Delivery Revenue	\$7,348,962	\$4,457,318	\$3,730,197	\$3,316,538	\$3,289,670	\$3,292,635	\$4,284,344	\$5,840,371	\$7,932,731	\$9,984,258	\$9,596,291	\$7,691,530	\$70,764,846
Billing Fee	\$84,849	\$84,812	\$84,593	\$84,513	\$84,508	\$84,581	\$84,828	\$84,994	\$85,282	\$85,437	\$85,633	\$85,712	\$1,019,743
Customers	72,174	72,142	71,956	71,888	71,883	71,945	72,155	72,297	72,542	72,674	72,841	72,908	72,284
Volume (Therms)	11,385,795	4,285,035	2,813,520	2,181,049	2,180,874	2,190,847	3,476,976	7,387,809	13,218,832	19,186,155	17,990,805	12,220,464	98,518,160
Delivery Revenue	\$9,126,980	\$5,397,236	\$4,306,819	\$3,733,378	\$3,721,915	\$3,734,093	\$4,849,011	\$7,122,957	\$9,986,326	\$12,737,565	\$12,206,204	\$9,559,175	\$86,481,659
Billing Fee	\$94,548	\$94,506	\$94,262	\$94,173	\$94,167	\$94,248	\$94,523	\$94,709	\$95,030	\$95,203	\$95,422	\$95,509	\$1,136,301
Customers	2,446	2,445	2,439	2,436	2,436	2,438	2,446	2,450	2,459	2,463	2,469	2,471	2,450
Volume (Therms)	315,360	122,039	86,073	72,443	73,204	71,229	116,644	201,974	361,672	532,723	489,538	328,874	2,771,775
Delivery Revenue	\$275,941	\$166,206	\$137,972	\$125,074	\$125,458	\$123,625	\$163,402	\$215,481	\$298,177	\$377,942	\$358,665	\$283,939	\$2,651,882
Billing Fee	\$3,204	\$3,203	\$3,195	\$3,191	\$3,191	\$3,194	\$3,204	\$3,210	\$3,221	\$3,227	\$3,234	\$3,237	\$38,511
Customers	648,631	648,344	646,678	646,062	646,021	646,580	648,466	649,737	651,943	653,127	654,630	655,228	7,795,447
Volume (Therms)	90,992,454	34,521,600	22,820,389	17,910,547	17,944,482	17,927,242	28,291,308	59,404,462	105,136,263	152,266,966	143,030,188	98,100,112	788,346,012
Delivery Revenue	\$76,099,192	\$45,342,348	\$36,837,701	\$32,126,841	\$32,161,616	\$32,217,298	\$41,274,776	\$59,940,440	\$82,874,227	\$104,848,763	\$100,775,117	\$79,888,502	\$724,386,819
Billing Fee	\$849,707	\$849,331	\$847,148	\$846,341	\$846,288	\$847,020	\$849,490	\$851,155	\$854,045	\$855,596	\$857,565	\$858,349	\$10,212,036
SC 1B Total	\$76,948,898	\$46,191,678	\$37,684,849	\$32,973,182	\$33,007,903	\$33,064,318	\$42,124,266	\$60,791,595	\$83,728,272	\$105,704,359	\$101,632,682	\$80,746,851	\$734,598,854

RDM Targets
KEDNY

	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Avg Cust/Total Revenue
<u>SC 2-1</u>													
Customers	9,587	9,545	9,390	9,242	9,167	9,143	9,196	9,244	9,441	9,619	9,719	9,752	9,420
Volume (Therms)	4,552,277	4,203,279	4,293,188	4,199,521	4,154,136	4,081,817	4,418,360	4,760,210	4,727,594	5,284,130	4,969,810	4,255,467	53,899,788
Delivery Revenue	\$2,439,957	\$2,269,019	\$2,297,747	\$2,248,058	\$2,207,714	\$2,173,138	\$2,328,697	\$2,483,273	\$2,471,718	\$2,737,288	\$2,627,265	\$2,324,706	\$28,608,580
Billing Fee	\$12,559	\$12,504	\$12,301	\$12,107	\$12,009	\$11,977	\$12,047	\$12,110	\$12,368	\$12,601	\$12,732	\$12,775	\$148,089
Customers	4,526	4,506	4,434	4,364	4,329	4,318	4,343	4,365	4,457	4,542	4,589	4,604	4,448
Volume (Therms)	5,147,658	4,529,235	4,674,306	4,831,186	4,848,226	4,745,917	4,961,624	5,251,128	5,205,955	6,101,155	5,683,105	4,930,900	60,910,395
Delivery Revenue	\$2,328,812	\$2,101,410	\$2,143,361	\$2,187,049	\$2,154,809	\$2,121,084	\$2,234,077	\$2,380,487	\$2,345,748	\$2,693,724	\$2,532,099	\$2,252,938	\$27,475,599
Billing Fee	\$5,929	\$5,903	\$5,809	\$5,717	\$5,671	\$5,657	\$5,689	\$5,718	\$5,839	\$5,950	\$6,012	\$6,031	\$69,924
Customers	14,113	14,051	13,824	13,606	13,496	13,461	13,539	13,609	13,898	14,161	14,308	14,356	13,869
Volume (Therms)	9,699,935	8,732,514	8,967,494	9,030,707	9,002,363	8,827,734	9,379,984	10,011,339	9,933,548	11,385,285	10,652,915	9,186,367	114,810,183
Delivery Revenue	\$4,768,769	\$4,370,429	\$4,441,108	\$4,435,107	\$4,362,523	\$4,294,222	\$4,562,774	\$4,863,761	\$4,817,466	\$5,431,011	\$5,159,364	\$4,577,644	\$56,084,179
Billing Fee	\$18,488	\$18,407	\$18,109	\$17,824	\$17,680	\$17,634	\$17,736	\$17,828	\$18,206	\$18,551	\$18,743	\$18,806	\$218,013
SC 2-1 Non Heat RDM Target	\$4,787,257	\$4,388,836	\$4,459,217	\$4,452,931	\$4,380,203	\$4,311,856	\$4,580,510	\$4,881,589	\$4,835,672	\$5,449,562	\$5,178,108	\$4,596,451	\$56,302,191
<u>SC 2-2</u>													
Customers	31,886	31,749	31,233	30,742	30,489	30,412	30,589	30,748	31,401	31,995	32,328	32,437	31,334
Volume (Therms)	15,098,894	6,397,164	2,963,326	2,164,335	2,029,554	2,079,424	2,823,477	8,763,316	16,945,880	23,818,642	23,111,529	17,186,997	123,382,538
Delivery Revenue	\$9,911,563	\$4,963,384	\$2,841,926	\$2,382,316	\$2,288,787	\$2,327,279	\$2,777,563	\$6,150,428	\$10,832,792	\$14,596,767	\$14,372,460	\$10,430,361	\$83,875,626
Billing Fee	\$41,771	\$41,591	\$40,915	\$40,272	\$39,941	\$39,840	\$40,072	\$40,280	\$41,135	\$41,913	\$42,350	\$42,492	\$492,572
Customers	7,773	7,739	7,614	7,494	7,433	7,414	7,457	7,496	7,655	7,800	7,881	7,908	7,639
Volume (Therms)	5,911,803	2,663,954	1,458,250	1,122,886	1,061,091	1,100,857	1,339,982	3,265,606	6,327,277	9,110,265	8,897,193	6,556,313	48,815,476
Delivery Revenue	\$3,694,120	\$1,883,251	\$1,148,743	\$950,599	\$907,415	\$916,806	\$1,077,842	\$2,192,751	\$3,919,070	\$5,391,123	\$5,327,313	\$4,062,892	\$31,471,925
Billing Fee	\$10,183	\$10,138	\$9,974	\$9,817	\$9,737	\$9,712	\$9,769	\$9,820	\$10,028	\$10,218	\$10,324	\$10,359	\$120,080
Customers	39,659	39,488	38,847	38,236	37,922	37,826	38,046	38,244	39,056	39,795	40,209	40,345	38,973
Volume (Therms)	21,010,697	9,061,119	4,421,576	3,287,220	3,090,645	3,180,281	4,163,459	12,028,922	23,273,157	32,928,907	32,008,723	23,743,310	172,198,015
Delivery Revenue	\$13,605,684	\$6,846,635	\$3,990,669	\$3,332,915	\$3,196,202	\$3,244,086	\$3,855,405	\$8,343,179	\$14,751,862	\$19,987,890	\$19,699,773	\$14,493,253	\$115,347,551
Billing Fee	\$51,953	\$51,729	\$50,890	\$50,089	\$49,678	\$49,552	\$49,840	\$50,100	\$51,163	\$52,131	\$52,674	\$52,852	\$612,652
SC 2-2 Heat RDM Target	\$13,657,637	\$6,898,364	\$4,041,559	\$3,383,004	\$3,245,880	\$3,293,638	\$3,905,245	\$8,393,278	\$14,803,025	\$20,040,021	\$19,752,447	\$14,546,105	\$115,960,203
<u>SC 3</u>													
Customers	12,011	12,053	12,060	12,087	12,090	12,108	12,133	12,139	12,193	12,221	12,239	12,238	145,572
Volume (Therms)	14,162,564	8,077,252	3,034,045	2,561,631	2,482,833	2,500,362	3,141,561	9,615,548	15,769,526	21,119,324	19,952,533	14,989,070	117,406,250
Delivery Revenue	\$6,380,079	\$3,900,425	\$1,801,975	\$1,706,614	\$1,588,103	\$1,588,425	\$1,870,454	\$4,562,213	\$7,023,013	\$9,139,788	\$8,671,390	\$6,731,216	\$54,963,696
Billing Fee	\$15,734	\$15,789	\$15,799	\$15,834	\$15,838	\$15,861	\$15,894	\$15,902	\$15,973	\$16,010	\$16,033	\$16,032	\$190,699
Customers	7,160	7,185	7,190	7,204	7,206	7,218	7,232	7,236	7,268	7,285	7,296	7,295	7,231
Volume (Therms)	29,551,292	17,850,302	7,388,055	6,785,913	6,905,174	6,887,499	8,908,056	25,531,298	34,788,853	44,385,915	42,094,536	32,688,408	263,765,300
Delivery Revenue	\$11,561,796	\$7,214,778	\$3,290,323	\$3,030,093	\$3,056,880	\$3,056,814	\$3,836,631	\$10,084,247	\$13,513,436	\$17,037,958	\$16,208,615	\$12,750,563	\$104,642,134
Billing Fee	\$9,380	\$9,412	\$9,419	\$9,437	\$9,440	\$9,456	\$9,474	\$9,479	\$9,521	\$9,543	\$9,558	\$9,556	\$113,675
Customers	19,171	19,238	19,250	19,291	19,296	19,326	19,365	19,375	19,461	19,506	19,535	19,533	19,362
Volume (Therms)	43,713,856	25,927,554	10,422,100	9,347,544	9,388,006	9,387,861	12,049,617	35,146,846	50,558,379	65,505,239	62,047,069	47,677,478	381,171,551
Delivery Revenue	\$17,941,875	\$11,115,203	\$5,092,298	\$4,736,707	\$4,644,982	\$4,645,239	\$5,707,085	\$14,646,460	\$20,536,449	\$26,177,746	\$24,880,005	\$19,481,780	\$159,605,830
Billing Fee	\$25,114	\$25,202	\$25,218	\$25,271	\$25,278	\$25,317	\$25,368	\$25,381	\$25,494	\$25,553	\$25,591	\$25,588	\$304,375
SC 3 RDM Target	\$17,966,989	\$11,140,405	\$5,117,515	\$4,761,979	\$4,670,260	\$4,670,556	\$5,732,453	\$14,671,842	\$20,561,943	\$26,203,299	\$24,905,596	\$19,507,368	\$159,910,204
Total RDM Target	\$130,636,463	\$83,873,250	\$65,294,458	\$59,158,728	\$58,823,522	\$58,830,551	\$70,729,570	\$105,078,143	\$141,662,419	\$176,713,493	\$170,497,810	\$136,876,059	\$1,258,174,466

RDM Targets
KEDNY

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Avg Cust/Total Revenue
SC 1A													
Customers	413,848	413,714	413,724	413,846	412,634	411,960	410,947	410,666	410,561	411,508	411,517	411,890	412,235
Volume (Therms)	3,972,098	2,828,249	2,208,965	2,001,475	1,985,679	1,967,135	2,286,648	3,217,029	4,160,233	5,034,568	4,913,484	4,118,482	38,694,047
Delivery Revenue	\$12,361,424	\$10,660,986	\$9,674,169	\$9,324,130	\$9,225,998	\$9,213,991	\$9,795,590	\$11,294,639	\$12,572,113	\$13,770,031	\$13,634,527	\$12,576,275	\$134,103,874
Billing Fee	\$542,141	\$541,965	\$541,978	\$542,138	\$540,551	\$559,668	\$558,341	\$537,972	\$537,835	\$539,075	\$539,087	\$539,576	\$6,480,328
Customers	78,355	78,329	78,331	78,354	78,125	77,997	77,805	77,752	77,732	77,911	77,913	77,984	78,049
Volume (Therms)	606,666	469,867	385,768	366,691	358,178	352,739	454,244	571,210	661,927	771,990	737,872	608,423	6,345,577
Delivery Revenue	\$2,117,260	\$1,911,483	\$1,776,199	\$1,744,901	\$1,717,519	\$1,710,362	\$1,893,820	\$2,073,006	\$2,185,541	\$2,339,282	\$2,296,129	\$2,116,569	\$23,882,070
Billing Fee	\$102,645	\$102,611	\$102,614	\$102,644	\$102,344	\$102,176	\$101,925	\$101,855	\$101,829	\$102,063	\$102,066	\$102,159	\$1,226,930
Customers	62,642	62,622	62,623	62,642	62,458	62,356	62,203	62,160	62,144	62,288	62,289	62,346	748,773
Volume (Therms)	1,265,784	1,027,324	835,500	790,914	816,348	827,468	1,007,223	1,336,670	1,489,478	1,742,954	1,656,507	1,283,977	14,080,146
Delivery Revenue	\$2,658,810	\$2,338,120	\$2,068,852	\$2,002,520	\$2,058,014	\$2,049,080	\$2,274,307	\$2,752,090	\$2,900,509	\$3,288,388	\$3,153,389	\$2,680,982	\$30,225,060
Billing Fee	\$82,061	\$82,035	\$82,036	\$82,061	\$81,820	\$81,686	\$81,486	\$81,430	\$81,409	\$81,597	\$81,599	\$81,673	\$980,893
Customers	7,940	7,937	7,937	7,940	7,916	7,904	7,884	7,879	7,877	7,895	7,895	7,902	7,909
Volume (Therms)	53,789	42,736	36,096	35,606	35,264	34,747	43,311	50,965	56,857	65,301	61,361	53,054	569,086
Delivery Revenue	\$194,669	\$179,627	\$170,381	\$169,722	\$169,279	\$168,090	\$177,182	\$188,455	\$196,367	\$208,257	\$203,224	\$192,844	\$2,218,098
Billing Fee	\$10,401	\$10,397	\$10,397	\$10,401	\$10,370	\$10,354	\$10,328	\$10,321	\$10,319	\$10,342	\$10,342	\$10,352	\$124,327
Customers	562,785	562,602	562,615	562,782	561,133	560,217	558,839	558,457	558,314	559,602	559,614	560,122	560,590
Volume (Therms)	5,898,338	4,368,176	3,466,328	3,194,687	3,195,468	3,182,089	3,791,426	5,175,875	6,368,495	7,614,813	7,369,224	6,063,935	59,688,855
Delivery Revenue	\$17,332,164	\$15,090,216	\$13,689,601	\$13,241,272	\$13,170,810	\$13,141,522	\$14,140,898	\$16,308,190	\$17,854,531	\$19,605,959	\$19,287,269	\$17,566,671	\$190,429,102
Billing Fee	\$737,248	\$737,009	\$737,026	\$737,244	\$735,084	\$733,884	\$732,079	\$731,579	\$731,391	\$733,079	\$733,094	\$733,760	\$8,812,477
SC 1A Non Heat RDM Target	\$18,069,412	\$15,827,224	\$14,426,626	\$13,978,517	\$13,905,894	\$13,875,407	\$14,872,977	\$17,039,768	\$18,585,923	\$20,339,037	\$20,020,363	\$18,300,431	\$199,241,579
SC 1B													
Customers	509,241	509,015	507,708	507,224	507,192	507,631	509,111	510,109	511,841	512,771	513,951	514,420	510,018
Volume (Therms)	70,713,304	26,761,017	17,588,041	13,757,497	13,825,134	13,805,871	21,667,631	46,149,202	81,768,298	118,387,106	111,269,703	76,347,007	612,039,812
Delivery Revenue	\$62,052,698	\$36,679,114	\$29,648,258	\$25,729,824	\$25,806,665	\$25,850,876	\$33,147,833	\$48,759,713	\$67,657,163	\$85,707,211	\$82,394,781	\$65,221,608	\$588,655,745
Billing Fee	\$667,106	\$666,810	\$665,097	\$664,463	\$664,422	\$664,997	\$666,935	\$668,243	\$670,512	\$671,730	\$673,276	\$673,890	\$8,017,480
Customers	64,770	64,742	64,575	64,514	64,510	64,566	64,754	64,881	65,101	65,219	65,369	65,429	64,869
Volume (Therms)	8,577,995	3,353,509	2,332,756	1,899,558	1,865,269	1,859,295	3,030,057	5,665,476	9,787,461	14,160,982	13,280,141	9,203,767	75,016,265
Delivery Revenue	\$7,681,870	\$4,628,005	\$3,860,294	\$3,423,505	\$3,395,134	\$3,398,197	\$4,445,309	\$6,088,489	\$8,297,993	\$10,464,504	\$10,054,580	\$8,042,853	\$73,780,735
Billing Fee	\$84,849	\$84,812	\$84,593	\$84,513	\$84,508	\$84,581	\$84,828	\$84,994	\$85,282	\$85,437	\$85,633	\$85,712	\$1,019,743
Customers	72,174	72,142	71,956	71,888	71,883	71,945	72,155	72,297	72,542	72,674	72,841	72,908	72,284
Volume (Therms)	11,385,795	4,285,035	2,813,520	2,181,049	2,180,874	2,190,847	3,476,976	7,387,809	13,218,832	19,186,155	17,990,805	12,220,464	98,518,160
Delivery Revenue	\$9,550,576	\$5,611,580	\$4,460,216	\$3,854,689	\$3,842,590	\$3,855,375	\$5,032,581	\$7,433,945	\$10,457,696	\$13,363,171	\$12,801,785	\$10,006,124	\$90,270,330
Billing Fee	\$94,548	\$94,506	\$94,262	\$94,173	\$94,167	\$94,248	\$94,523	\$94,709	\$95,030	\$95,203	\$95,422	\$95,509	\$1,136,301
Customers	2,446	2,445	2,439	2,436	2,436	2,438	2,446	2,450	2,459	2,463	2,469	2,471	2,450
Volume (Therms)	315,360	122,039	86,073	72,443	73,204	71,229	116,644	201,974	361,672	532,723	489,538	328,874	2,771,775
Delivery Revenue	\$288,424	\$172,533	\$142,722	\$129,104	\$129,509	\$127,571	\$169,570	\$224,567	\$311,892	\$396,128	\$375,762	\$296,840	\$2,764,623
Billing Fee	\$3,204	\$3,203	\$3,195	\$3,191	\$3,191	\$3,194	\$3,204	\$3,210	\$3,221	\$3,227	\$3,234	\$3,237	\$38,511
Customers	648,631	648,344	646,678	646,062	646,021	646,580	648,466	649,737	651,943	653,127	654,630	655,228	7,795,447
Volume (Therms)	90,992,454	34,521,600	22,820,389	17,910,547	17,944,482	17,927,242	28,291,308	59,404,462	105,136,263	152,266,966	143,030,188	98,100,112	788,346,012
Delivery Revenue	\$79,573,568	\$47,091,232	\$38,111,490	\$33,137,123	\$33,173,899	\$33,232,019	\$42,795,294	\$62,506,713	\$86,724,744	\$109,931,015	\$105,626,909	\$83,567,426	\$755,471,432
Billing Fee	\$849,707	\$849,331	\$847,148	\$846,341	\$846,288	\$847,020	\$849,490	\$851,155	\$854,045	\$855,596	\$857,565	\$858,349	\$10,212,036
SC 1B Heat RDM Target	\$80,423,274	\$47,940,562	\$38,958,638	\$33,983,464	\$34,020,187	\$34,079,039	\$43,644,785	\$63,357,868	\$87,578,789	\$110,786,611	\$106,484,474	\$84,425,774	\$765,683,467

RDM Targets
KEDNY

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Avg Cust/Total Revenue
<u>SC 2-1</u>													
Customers	9,587	9,545	9,390	9,242	9,167	9,143	9,196	9,244	9,441	9,619	9,719	9,752	9,420
Volume (Therms)	4,552,277	4,203,279	4,293,188	4,199,521	4,154,136	4,081,817	4,418,360	4,760,210	4,727,594	5,284,130	4,969,810	4,255,467	53,899,788
Delivery Revenue	\$2,501,449	\$2,324,390	\$2,354,027	\$2,303,003	\$2,260,268	\$2,224,574	\$2,385,119	\$2,544,221	\$2,531,386	\$2,805,548	\$2,693,958	\$2,383,163	\$29,311,104
Billing Fee	\$12,559	\$12,504	\$12,301	\$12,107	\$12,009	\$11,977	\$12,047	\$12,110	\$12,368	\$12,601	\$12,732	\$12,775	\$148,089
Customers	4,526	4,506	4,434	4,364	4,329	4,318	4,343	4,365	4,457	4,542	4,589	4,604	4,448
Volume (Therms)	5,147,658	4,529,235	4,674,306	4,831,186	4,848,226	4,745,917	4,961,624	5,251,128	5,205,955	6,101,155	5,683,105	4,930,900	60,910,395
Delivery Revenue	\$2,381,685	\$2,151,075	\$2,192,931	\$2,236,280	\$2,200,057	\$2,166,296	\$2,284,022	\$2,436,290	\$2,398,841	\$2,753,253	\$2,588,241	\$2,304,669	\$28,093,640
Billing Fee	\$5,929	\$5,903	\$5,809	\$5,717	\$5,671	\$5,657	\$5,689	\$5,718	\$5,839	\$5,950	\$6,012	\$6,031	\$69,924
Customers	14,113	14,051	13,824	13,606	13,496	13,461	13,539	13,609	13,898	14,161	14,308	14,356	13,869
Volume (Therms)	9,699,935	8,732,514	8,967,494	9,030,707	9,002,363	8,827,734	9,379,984	10,011,339	9,933,548	11,385,285	10,652,915	9,186,367	114,810,183
Delivery Revenue	\$4,883,133	\$4,475,465	\$4,546,958	\$4,539,283	\$4,460,324	\$4,390,869	\$4,669,140	\$4,980,511	\$4,930,227	\$5,558,801	\$5,282,199	\$4,687,832	\$57,404,744
Billing Fee	\$18,488	\$18,407	\$18,109	\$17,824	\$17,680	\$17,634	\$17,736	\$17,828	\$18,206	\$18,551	\$18,743	\$18,806	\$218,013
SC 2-1 Non Heat RDM Target	\$4,901,621	\$4,493,872	\$4,565,067	\$4,557,107	\$4,478,004	\$4,408,503	\$4,686,876	\$4,998,339	\$4,948,433	\$5,577,352	\$5,300,943	\$4,706,639	\$57,622,757
<u>SC 2-2</u>													
Customers	31,886	31,749	31,233	30,742	30,489	30,412	30,589	30,748	31,401	31,995	32,328	32,437	31,334
Volume (Therms)	15,098,894	6,397,164	2,963,326	2,164,335	2,029,554	2,079,424	2,823,477	8,763,316	16,945,880	23,818,642	23,111,529	17,186,997	123,382,538
Delivery Revenue	\$10,353,553	\$5,154,199	\$2,925,919	\$2,443,904	\$2,346,110	\$2,386,709	\$2,859,534	\$6,403,487	\$11,322,521	\$15,276,596	\$15,040,261	\$10,897,591	\$87,410,384
Billing Fee	\$41,771	\$41,591	\$40,915	\$40,272	\$39,941	\$39,840	\$40,072	\$40,280	\$41,135	\$41,913	\$42,350	\$42,492	\$492,572
Customers	7,773	7,739	7,614	7,494	7,433	7,414	7,457	7,496	7,655	7,800	7,881	7,908	7,639
Volume (Therms)	5,911,803	2,663,954	1,458,250	1,122,886	1,061,091	1,100,857	1,339,982	3,265,606	6,327,277	9,110,265	8,897,193	6,556,313	48,815,476
Delivery Revenue	\$3,866,803	\$1,963,985	\$1,192,391	\$984,409	\$939,149	\$949,053	\$1,118,190	\$2,289,680	\$4,103,410	\$5,649,974	\$5,582,770	\$4,254,052	\$32,893,866
Billing Fee	\$10,183	\$10,138	\$9,974	\$9,817	\$9,737	\$9,712	\$9,769	\$9,820	\$10,028	\$10,218	\$10,324	\$10,359	\$120,080
Customers	39,659	39,488	38,847	38,236	37,922	37,826	38,046	38,244	39,056	39,795	40,209	40,345	38,973
Volume (Therms)	21,010,697	9,061,119	4,421,576	3,287,220	3,090,645	3,180,281	4,163,459	12,028,922	23,273,157	32,928,907	32,008,723	23,743,310	172,198,015
Delivery Revenue	\$14,220,356	\$7,118,183	\$4,118,310	\$3,428,313	\$3,285,259	\$3,335,762	\$3,977,724	\$8,693,166	\$15,425,932	\$20,926,570	\$20,623,031	\$15,151,643	\$120,304,250
Billing Fee	\$51,953	\$51,729	\$50,890	\$50,089	\$49,678	\$49,552	\$49,840	\$50,100	\$51,163	\$52,131	\$52,674	\$52,852	\$612,652
SC 2-2 Heat RDM Target	\$14,272,309	\$7,169,913	\$4,169,200	\$3,478,402	\$3,334,937	\$3,385,314	\$4,027,564	\$8,743,266	\$15,477,095	\$20,978,702	\$20,675,705	\$15,204,495	\$120,916,902
<u>SC 3</u>													
Customers	12,011	12,053	12,060	12,087	12,090	12,108	12,133	12,139	12,193	12,221	12,239	12,238	145,572
Volume (Therms)	14,162,564	8,077,252	3,034,045	2,561,631	2,482,833	2,500,362	3,141,561	9,615,548	15,769,526	21,119,324	19,952,533	14,989,070	117,406,250
Delivery Revenue	\$6,648,411	\$4,055,889	\$1,861,972	\$1,762,230	\$1,638,317	\$1,638,620	\$1,933,433	\$4,747,624	\$7,320,257	\$9,533,262	\$9,043,525	\$7,015,106	\$57,198,646
Billing Fee	\$15,734	\$15,789	\$15,799	\$15,834	\$15,838	\$15,861	\$15,894	\$15,902	\$15,973	\$16,010	\$16,033	\$16,032	\$190,699
Customers	7,160	7,185	7,190	7,204	7,206	7,218	7,232	7,236	7,268	7,285	7,296	7,295	7,231
Volume (Therms)	29,551,292	17,850,302	7,388,055	6,785,913	6,905,174	6,887,499	8,908,056	25,531,298	34,788,853	44,385,915	42,094,536	32,688,408	263,765,300
Delivery Revenue	\$12,074,614	\$7,529,842	\$3,426,887	\$3,154,795	\$3,182,794	\$3,182,705	\$3,997,965	\$10,529,727	\$14,114,820	\$17,799,608	\$16,932,527	\$13,317,203	\$109,243,487
Billing Fee	\$9,380	\$9,412	\$9,419	\$9,437	\$9,440	\$9,456	\$9,474	\$9,479	\$9,521	\$9,543	\$9,558	\$9,556	\$113,675
Customers	19,171	19,238	19,250	19,291	19,296	19,326	19,365	19,375	19,461	19,506	19,535	19,533	19,362
Volume (Therms)	43,713,856	25,927,554	10,422,100	9,347,544	9,388,006	9,387,861	12,049,617	35,146,846	50,558,379	65,505,239	62,047,069	47,677,478	381,171,551
Delivery Revenue	\$18,723,024	\$11,585,731	\$5,288,859	\$4,917,024	\$4,821,112	\$4,821,325	\$5,931,398	\$15,277,351	\$21,435,077	\$27,332,870	\$25,976,052	\$20,332,309	\$166,442,133
Billing Fee	\$25,114	\$25,202	\$25,218	\$25,271	\$25,278	\$25,317	\$25,368	\$25,381	\$25,494	\$25,553	\$25,591	\$25,588	\$304,375
SC 3 RDM Target	\$18,748,138	\$11,610,933	\$5,314,076	\$4,942,295	\$4,846,389	\$4,846,642	\$5,956,766	\$15,302,732	\$21,460,571	\$27,358,423	\$26,001,643	\$20,357,898	\$166,746,508
Total RDM Target	\$136,414,755	\$87,042,505	\$67,433,608	\$60,939,786	\$60,585,411	\$60,594,904	\$73,188,969	\$109,441,974	\$148,050,811	\$185,040,125	\$178,483,128	\$142,995,236	\$1,310,211,213

**The Brooklyn Union Gas Company d/b/a National Grid NY ("KEDNY")
Calculation of Lost and Unaccounted for Gas (LAUF) Target and Dead Band
Based on 5-Year Historic Period: TME Aug 2014 to Aug 2018**

	TME Aug-14	TME Aug-15	TME Aug-16	TME Aug-17	TME Aug-18
Metered Receipts (dt)					
KEDNY's City Gate Receipts	220,368,269	220,065,190	194,525,527	204,607,455	214,637,735
LNG Boil-off & Vapor	665,454	695,240	561,880	736,074	541,995
Other Supply and Pipeline Adjustments	1,249,867	595,982	476,675	508,672	453,320
Total Receipts	222,283,590	221,356,412	195,564,082	205,852,201	215,633,050
Metered Deliveries (dt)					
SC 1, 2, 3, 4A, 4A-CNG, 4B, 7, 14 & 21 Firm Sales	88,114,369	93,612,301	78,412,455	85,960,227	94,625,181
SC 6 TC Sales	16,884,282	14,992,813	13,526,533	13,568,042	12,549,823
SC 17 Firm Transport & SC 18 TC Transport	58,394,418	59,175,850	52,107,476	54,313,299	57,675,317
SC 5 Interrupt Sales & SC 18 Interrupt Transport	4,909,596	4,487,430	1,869,732	1,866,330	1,740,786
Power Plant Transportation	40,516,119	39,433,514	42,235,865	37,835,181	37,462,881
Gas Used by Company	68,306	80,081	51,084	60,073	243,292
LNG Liquefaction	487,610	667,680	962,000	642,616	488,368
City Gate Deliveries to KEDLI & Con Ed	6,353,060	3,343,588	3,314,296	6,241,173	6,168,436
Total Deliveries	215,727,759	215,793,257	192,479,441	200,486,941	210,954,084
Inactive Accounts > 90 days (dt)	n/a	n/a	n/a	n/a	34,700
Total Metered deliveries less Inactive Accounts > 90 days	n/a	n/a	n/a	n/a	210,919,384
Actual LAUF (dt) (Excluding NY Facilities)	n/a	n/a	n/a	n/a	4,678,966
Actual LAUF % (of Deliveries)					
NY Facilities Gas Transfer LAUF (.5% of Net receipts from Con Ed and KEDLI)	n/a	n/a	n/a	n/a	67,174
LAUF (dt)	6,555,831	5,563,155	3,084,641	5,365,260	4,746,140
LAUF % (of Deliveries)	2.949%	2.513%	1.577%	2.606%	2.201%

5-Year Statistics

Mean LAUF% (of Deliveries)	2.369%
1 Std Deviation	0.500%
2 Std Deviations	1.000%
LAUF Target & Dead Band	
LAUF% Target (% of Deliveries)	2.369%
Upper Dead Band (Mean + 2 Std Dev Cap)	3.369%
Lower Dead Band (Mean - 2 Std Dev Cap)	1.369%

Note: Inactive account penalty will be a monetary adjustment (inactive account volumes x weighted average cost of gas), replacing the volumetric adjustment.

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Illustrative Example of EAM (Earnings Adjustment Mechanism)

Gas Energy Efficiency EAM: Share the Savings

Service Class	1 Earned EAM	2 Gas Deliveries (dt)	3 Allocation %	4 Allocated EAM \$	5 Forecast sales - (dt)	6 EAM \$/therm rate
SC-1A Residential NonHeat		6,430,105	4.078%	\$ 40,784.75	59,688,855	\$ 0.00007
SC-1B Residential Heat		77,277,569	49.015%	\$ 490,154.78	788,346,012	\$ 0.00006
SC-1DG Residential DG		834	0.001%	\$ 5.29	7,162	\$ 0.00007
SC-2-1 Non-Residential NonHeat		11,948,295	7.579%	\$ 75,785.43	114,810,183	\$ 0.00007
SC-2-2 Non-Residential Heat		17,503,741	11.102%	\$ 111,022.41	172,198,015	\$ 0.00006
SC-3 Multiple Family		36,453,079	23.121%	\$ 231,213.94	381,171,551	\$ 0.00006
SC-4A High Load Factor		5,736,266	3.638%	\$ 36,383.88	45,189,784	\$ 0.00008
SC-4A CNG		457,036	0.290%	\$ 2,898.88	5,124,585	\$ 0.00006
SC-4B Year-Round AC		244,275	0.155%	\$ 1,549.38	2,521,601	\$ 0.00006
SC-7 Seasonal		1,436	0.001%	\$ 9.11	2,670	\$ 0.00034
SC-21 DG Sales		1,606,888	1.019%	\$ 10,192.14	38,968,088	\$ 0.00003
Total		157,659,523		\$ 1,000,000	1,608,028,506	

\$ 1,000,000

1 Illustrative dollar amount for Earned EAM

2 Supported by Exhibit____(RDP-3ATS), Schedule 8A, Line 4 (Gas_Del_Firm) Excluding TC and IT customers

3 Percentage of gas deliveries

4 Calculated by applying Allocation % to earned EAM by Service Class

5 Supported by Appendix 3, Schedule 1, Page 3 of 3

6 Column 4 / Column 5

Gas System Efficiency EAM: Peak Load Reduction

Service Class	1 Earned EAM	2 Peak Send out (dt)	3 Allocation %	4 Allocated EAM \$	5 Forecast sales - (dt)	6 EAM \$/therm rate
SC-1A Residential NonHeat		39,066	2.356%	\$ 23,557.54	59,688,855	\$ 0.00004
SC-1B Residential Heat		871,692	52.565%	\$ 525,647.39	788,346,012	\$ 0.00007
SC-1DG Residential DG		12	0.001%	\$ 7.12	7,162	\$ 0.00010
SC-2-1 Non-Residential NonHeat		80,573	4.859%	\$ 48,587.20	114,810,183	\$ 0.00004
SC-2-2 Non-Residential Heat		286,736	17.291%	\$ 172,907.58	172,198,015	\$ 0.00010
SC-3 Multiple Family		353,753	21.332%	\$ 213,319.97	381,171,551	\$ 0.00006
SC-4A High Load Factor		17,976	1.084%	\$ 10,839.99	45,189,784	\$ 0.00002
SC-4A CNG		2,248	0.136%	\$ 1,355.76	5,124,585	\$ 0.00003
SC-4B Year-Round AC		1,969	0.119%	\$ 1,187.62	2,521,601	\$ 0.00005
SC-7 Seasonal		-	0.000%	\$ -	2,670	\$ -
SC-21 DG Sales		4,295	0.259%	\$ 2,589.82	38,968,088	\$ 0.00001
Total		1,658,320		\$ 1,000,000	1,608,028,506	

\$ 1,000,000

1 Illustrative dollar amount for Earned EAM

2 Supported by Exhibit____(RDP-3ATS), Schedule 8A, Line 6 (Peak_Sendout) Excluding TC and IT customers

3 Percentage of peak send out

4 Calculated by applying Allocation % to earned EAM by Service Class

5 Supported by Appendix 3, Schedule 1, Page 3 of 3

6 Column 4 / Column 5

The Brooklyn Union Gas Company d/b/a National Grid NY
Annual Electric Generator Revenue Targets

	SC18 Small Electric Generators	SC20 Large Electric Generators	Total
Apr	\$489,648	\$121,736	\$489,648
May	\$565,763	\$105,697	\$565,763
Jun	\$723,962	\$140,611	\$723,962
Jul	\$903,345	\$212,782	\$903,345
Aug	\$888,206	\$231,222	\$888,206
Sep	\$784,371	\$172,742	\$784,371
Oct	\$732,067	\$343,938	\$732,067
Nov	\$707,695	\$243,608	\$707,695
Dec	\$673,165	\$244,615	\$673,165
Jan	\$696,314	\$105,171	\$696,314
Feb	\$715,837	\$82,772	\$715,837
Mar	\$770,487	\$79,282	\$770,487
Total	\$8,650,860	\$2,084,176	\$10,735,036

Annual Revenue targets to remain the same in each year of the rate plan

PSC NO: 12 GAS
COMPANY: THE BROOKLYN UNION GAS COMPANY
INITIAL EFFECTIVE DATE: XX/XX/XXXX
STAMPS:

STATEMENT TYPE: DRA
STATEMENT NO: XX
PAGE 1 OF 1

PRO-FORMA
Statement of Delivery Rate Adjustment

<u>Service Classifications</u>	<u>SIR</u>	<u>RDM</u>	<u>GSRS</u>	<u>NFRR</u>	<u>EGR</u>	<u>NYFS</u>	<u>NCRR</u>	<u>EAM</u>	<u>DCSM</u>	<u>DROM</u>	<u>NUP</u>	<u>Total</u>
	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>
Residential Non-Heat (SC 1A, 1AR, 17-1A, 17-1AR)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Residential Heat (SC 1B, 1BR, 17-1B, 17-1BR)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Residential DG (SC 1BDG)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Commercial Non-Heat (SC 2-1, 17-2-1)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Commercial Heat (SC 2-2, 17-2-2)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Multi-Family (SC 3, 17-3)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
High Load Factor (SC 4A, 17-4A)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Compressed Natural Gas Service (SC 4A-CNG, 17-4A-CNG)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Year Round Air Conditioning (SC 4B, SC 17-4B)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Seasonal Off-Peak (SC 7, SC 17-7)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Baseload DG (SC 21, 17-21)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX

SC 1B, 1BI, 1BR, 1B-DG, 2-2, 3, 4B, 17-1B, 17-1BI, 17-1BR, 17-2-2, 17-3 and 17-4B are subject to a Weather Normalization Adjustment Factor, as explained on Leaf Nos. 80 through 83

Note:

- SIR Site Investigation and Remediation Surcharge
- RDM Revenue Decoupling Mechanism
- GSRS Gas Safety and Reliability Surcharge
- NFRR Non-Firm Demand Response Revenue Reconciliation Surcharge / Credit
- EGR Electric Generator Revenue Reconciliation
- NYFS New York Facilities System Surcharge
- EAM Earning Adjustment Mechanism
- NCRR Newtown Creek Revenue Reconciliation
- DCSM Demand Capacity Surcharge Mechanism
- DROM Non Labor Demand Response O&M Cost
- NUP Net Utility Plant and Depreciation Expense Reconciliation Mechanisms

The Brooklyn Union Gas Company d/b/a/ National Grid NY
Gas Marginal Cost Study 2019
Computation of Marginal Cost

Sch 1

Line	Description	Formula / Reference	Demand		Customer							
			Total		SC 1A/1B Residential	SC 2 Comm. Non-Heat	SC 2 Comm. Heat	SC 3 Multi-Family	SC 6 TC/IT	All Other		
1	Plant Investment- Mains											
2	Mains for new customers- Capital cost	From Company	\$144,563,760									
3	Demand component	From ACOS	52.92%									
4	Demand component of Mains for new customers- Capital cost	Ln2 * Ln3	76,503,610									
5	Economic Carrying Charge Rate (Note 1)		16.60%									
6	Annual Demand-related Marginal Costs- Mains	Ln4 * Ln5	\$12,697,067									
7												
8	Capacity Added- annual dth	From Company	14,847,720									
9												
10	Marginal Delivery Cost- \$ per dth (EJP Rate)	Ln6 / Ln8	\$0.86									
11	Marginal Gas Cost- \$ per dth	From Company	\$1.36									
12	Marginal Total Cost- \$ per dth	Ln10 + Ln 11	\$2.22									
13												
14	Service Capital Cost per Customer				\$4,524	\$10,006	\$12,202	\$23,606	\$35,009	\$22,416		
15	Meter Capital Cost per Customer				222	681	681	1,493	6,921	3,678		
16	Meter Capital cost per Customer				\$4,746	\$10,687	\$12,883	\$25,099	\$41,930	\$26,093		
17	Economic Carrying Charge Rate- Meters and Services (Note 1)				14.11%	14.11%	14.11%	14.11%	14.11%	14.11%		
18	Annual Customer-related Marginal Costs- Mains	Ln16 * Ln17	669.59		1,507.66	1,817.46	3,540.77	5,915.16	3,681.04			
19	Customer accounts cost per Customer		348.84		348.84	348.84	348.84	348.84	348.84	348.84		
20	Marginal Delivery Cost- \$ per Customer per Year	Sum Ln18 - Ln19	\$1,018.43		\$1,856.50	\$2,166.30	\$3,889.61	\$6,264.00	\$4,029.88			
21	Per Month		\$84.87		\$154.71	\$180.52	\$324.13	\$522.00	\$335.82			

22 Note 1 - ECCR includes Return on Rate Base, Income tax, O&M expense related to plant, Property tax and A&G adder

23

Make-Whole Calculation

As provided in Section IV.2.3 of the Joint Proposal, because Commission approval of this Joint Proposal will occur after April 1, 2020, the Companies will recover the revenue shortfall resulting from the extension of the suspension period through a make whole provision. The make whole provision is designed to ensure the Companies are restored to the same financial position they would have been in had rates gone into effect on April 1, 2020. The following is a summary of the approach to calculating the make whole provision.

Rate Year One

As Rate Year One is already complete, Appendices 3 and 4, Schedule 13.1 provide an illustrative calculation of how the Companies will reconcile actual revenue to the allowed revenue used to develop the revenue requirement for Rate Year One. Appendix 3, Schedule 13.1 and Appendix 4, Schedule 13.1 provide total revenue for KEDNY and KEDLI, respectively, by category that includes base delivery revenue, Merchant Function Charge revenue (MFC), Energy Efficiency Surcharge (ETIP), Clean Energy Fund (CEF), Tax Credit, Rate Year One Revenue Requirement change, Rate Year One Amortization offset, and miscellaneous revenues. The Companies will reconcile any over or under recoveries through reconciliation mechanisms (*i.e.*, the revenue decoupling mechanism (RDM), which includes the delivery revenues plus billing service fee revenue, Non-Firm Demand Response Reconciliation, and Electric Generator Reconciliation). The Companies will not reconcile non-decoupled revenue or miscellaneous revenues (excluding applicable billing service fees for RDM classes). As the MFC and CEF rates were not updated in Rate Year One, they do not need to be addressed in the Make-Whole provision. Therefore, the CEF and the reconcilable components of MFC will be reconciled to their applicable targets.

Rate Year Two

As Rate Year Two has already started, the Companies have proposed to recover the Rate Year Two base delivery net increases and the billing service fees over the compressed period of August 1, 2021 to March 31, 2022. All other revenue (excluding non-decoupled revenue and all miscellaneous revenue items other than billing service fees for RDM classes) will be reconciled through updated Rate Year Two targets established in this Joint Proposal for existing and proposed reconciliation mechanisms, including RDM, Non-Firm Demand Response Reconciliation, and Electric Generator Reconciliation), MFC, and CEF. See Appendices 3 and 4 for applicable schedules showing the Rate Year Two targets for KEDNY and KEDLI, respectively.

To the extent that rates do not become effective by August 1, 2021, the Companies will recalculate the compressed rates for Rate Year Two to reflect the shorter recovery period.

Below is an explanation of how each component of the revenue included in Appendices 3 and 4, Schedule 13.1 was derived.

- “Base Delivery Revenue” (Column A) – Forecast sales volumes multiplied by current tariff base delivery rates
- “Merchant Function Charge Revenue” (Column B) – Forecast sales volumes multiplied by current MFC rates
- “Energy Efficiency Surcharge (ETIP)” (Column C) – Approved NE:NY targets multiplied by an applicable allocation of forecast volumes by service classification for Rate Year One
- “Clean Energy Fund” (Column D) – Approved NE:NY targets multiplied by the applicable allocation of forecast volumes by service classification for Rate Year One
- “Tax Credit” (Column E) – Forecast sales volumes multiplied by Tax Reform Surcredits in effect on the “TRS” statement effective March 1, 2020
- “Gross Margin Revenues at Current Rates” (Column F) – Sum of Columns A - E
- “RY1 Revenue Increase/Decrease” (Column G) – For Rate Year 1, KEDNY will experience a total revenue increase of \$17.392M, which reflects the revenue requirement decrease of \$4.710M, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change savings being eliminated, as shown on Appendix 1, Schedule 3, allocated to the service classifications (excluding electric generators) based on base delivery revenue (Column A). For Rate Year 1, KEDLI will experience a total revenue decrease of \$2.483M, which reflects the revenue requirement decrease of \$22.839M, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change savings being eliminated, as shown on Appendix 2, Schedule 3, allocated to the service classifications (excluding electric generators) based on base delivery revenue (Column A)
- “RY1 Amortization” (Column H) – KEDNY Appendix 1, Schedule 3 sets forth the amortization of the surcredits. KEDLI Appendix 2, Schedule 3 sets forth the amortization of the surcharges.
- “Total RY1 Revenues” (Column I) – Sum of Columns F - H
- “RDM Targets for RY1” (Column J) – Sum of Columns A, C, E, G and H for RDM service classifications. The revenues as shown on Appendices 3 and 4, Schedule 13.1 establish the RDM RY1 targets, which do not include the applicable billing service fee revenues for RDM classes. The total RDM RY1 targets by applicable service classes (including billing service fees) are shown in Appendices 3 and 4, Schedule 7. The RY1 RDM targets will be used in the Companies’ 15-month (January 2020 through March 2021) annual RDM reconciliation to be filed 45 days after an Order is received.
- “Non-Firm Demand Response Targets for RY1” (Column K) – Sum of Columns A, C, E, G, and H for Non-firm service classifications. The revenues as shown on Appendices 3 and 4, Schedule 13.1 establish the Non-Firm Demand Response RY1 targets. The Non-Firm

Demand Response RY1 targets are shown in Appendices 3 and 4, Schedule 5.2. The RY1 Non-Firm Demand Response targets will be used in the Companies' 15-month (January 2020 through March 2021) annual Non-Firm Demand Response reconciliation to be filed 45 days after an Order is received.

- “Electric Generator Revenue Targets for RY1” (Column L) – Columns A, C, E, G and H for electric generator service classifications. The revenues as shown on Appendices 3 and 4, Schedule 13.1 establish the Electric Generator Revenue RY1 targets. The Electric Generator Revenue RY1 targets are shown in Appendices 3 and 4, Schedule 10. The RY1 Electric Generator Revenue targets will be used in the Companies' 15-month (January 2020 through March 2021) annual reconciliation to be filed 45 days after an Order is received.
- “Non-Decoupled Revenues” (Column M) – Sum of Columns A, E, G, and H for non-decoupled service classifications. These revenues have no reconciliation mechanisms.
- “Merchant Function Charge Revenue” (Column N) – Column B. The Merchant Function Charge revenues are reconciled to the targets established in Cases 16-G-0058 and 16-G-0059 because they were not updated for RY1.
- “Clean Energy Fund” (Column O) – Column D. The Clean Energy Fund revenues are not included in base delivery rates and will be reconciled in accordance with the NE:NY Order targets.
- “Total RY1 Revenues” (Column P) – Sum of Columns J through O

The Brooklyn Union Gas Company d/b/a National Grid NY
Make Whole - Revenues
For 12-Months Ending March 31, 2021

Appendix 3, Schedule 1

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (ETIPS)	Clean Energy Fund	Tax Credit	Gross Margin Revenues at Current Rates	RY1 Revenue Increase ⁽¹⁾	RY1 Amortization of Surcredit	Total RY1 Revenues
SC 1A Resi Non Heat Sales	\$122,744,160	\$585,144	\$483,869	\$6,635	(\$3,593,948)	\$120,225,861	\$1,782,934	(\$1,782,934)	\$120,225,861
SC 1AR Reduced Rate Resi Non Heat Sales	\$22,094,988	\$95,760	\$88,300	\$1,211	(\$590,042)	\$21,690,217	\$320,943	(\$320,943)	\$21,690,217
SC 1B Resi Heat Sales	\$520,028,646	\$9,021,360	\$6,979,587	\$95,714	(\$17,392,882)	\$518,732,425	\$7,553,736	(\$7,553,736)	\$518,732,425
SC 1BR Resi Heat Reduced Rate Sales	\$65,253,346	\$1,104,241	\$974,630	\$13,365	(\$2,131,662)	\$65,213,920	\$947,845	(\$947,845)	\$65,213,920
SC 1B-DG Resi Dist Gen Sales	\$2,164	\$109	\$99	\$1	(\$58)	\$2,315	\$31	(\$31)	\$2,315
SC 3 Multi Family Sales	\$47,993,720	\$1,635,656	\$1,325,169	\$18,173	(\$1,357,723)	\$49,614,994	\$697,138	(\$697,138)	\$49,614,994
SC 2-1 Non Resi Non Heat Sales	\$26,148,695	\$731,088	\$676,378	\$9,275	(\$883,351)	\$26,682,086	\$379,826	(\$379,826)	\$26,682,086
SC 2-2 Non Resi Heat Sales	\$72,805,361	\$1,720,159	\$1,487,357	\$20,397	(\$2,086,277)	\$73,946,996	\$1,057,543	(\$1,057,543)	\$73,946,996
SC 4A High Load Factor Sales	\$1,488,538	\$64,520	\$61,218	\$840	(\$48,261)	\$1,566,855	\$21,622	(\$21,622)	\$1,566,855
SC 4A-CNG Wholesale NGV Sales	\$1,292,215	\$59,313	\$53,546	\$734	(\$49,719)	\$1,356,090	\$18,770	(\$18,770)	\$1,356,090
SC 4B Yr Round Space Conditioning Sales	\$651,844	\$17,513	\$15,122	\$207	(\$26,159)	\$658,528	\$9,468	(\$9,468)	\$658,528
SC 7 Seasonal Off-Peak Sales	\$968	\$30	\$171	\$2	(\$221)	\$949	\$14	(\$14)	\$949
17-4A-CNG	\$0	\$0	\$802	\$11	\$0	\$813	\$0	\$0	\$813
SC 14 Retail NGV Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SC 17-1A Resi Non Heat Transport	\$26,015,130	\$82,025	\$185,486	\$2,544	(\$1,309,423)	\$24,975,761	\$377,886	(\$377,886)	\$24,975,761
SC 17-1AR Resi Non Heat Reduced Rate Transp	\$2,076,790	\$3,330	\$6,981	\$96	(\$52,956)	\$2,034,242	\$30,167	(\$30,167)	\$2,034,242
SC 17-1B Resi Heat Transport	\$79,465,470	\$541,520	\$1,216,160	\$16,678	(\$2,799,703)	\$78,440,124	\$1,154,285	(\$1,154,285)	\$78,440,124
SC 17-1BR Resi Heat Reduced Rate Transp	\$2,446,942	\$15,262	\$19,090	\$262	(\$78,766)	\$2,402,790	\$35,543	(\$35,543)	\$2,402,790
SC 17-3 Multi Family Transport	\$88,365,791	\$1,374,453	\$3,009,651	\$41,273	(\$3,047,167)	\$89,744,001	\$1,283,567	(\$1,283,567)	\$89,744,001
SC 17-2-1 Non Resi Non Heat Transport	\$24,514,281	\$324,208	\$744,454	\$10,209	(\$998,587)	\$24,594,566	\$356,085	(\$356,085)	\$24,594,566
SC 17-2-2 Non Resi Heat Transport	\$27,097,189	\$253,948	\$594,101	\$8,147	(\$825,463)	\$27,127,922	\$393,603	(\$393,603)	\$27,127,922
SC 17-4A High Load Factor Transport	\$10,472,822	\$230,411	\$620,910	\$8,515	(\$366,442)	\$10,966,215	\$152,124	(\$152,124)	\$10,966,215
SC 17-4A-CNG Wholesale NGV Transport	\$17,197	\$0	\$0	\$0	\$0	\$17,197	\$250	(\$250)	\$17,197
SC 17-4B Yr Round Space Conditioning Transport	\$775,096	\$6,697	\$13,925	\$191	(\$23,299)	\$772,611	\$11,259	(\$11,259)	\$772,611
SC 17-7 Seasonal Off-Peak Transport	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Rate 21	\$398,830	\$53,403	\$0	\$0	(\$5,204)	\$447,029	\$5,793	(\$5,793)	\$447,029
Rate 17-21	\$230,729	\$11,565	\$0	\$0	(\$2,779)	\$239,515	\$3,351	(\$3,351)	\$239,515
Rate 17-21-3	\$2,173,803	\$181,189	\$0	\$0	(\$43,539)	\$2,311,452	\$31,576	(\$31,576)	\$2,311,452
SC 6M TC Multi-Family Sales	\$30,952,443	\$633,002	\$0	\$0	(\$1,645,998)	\$29,939,447	\$449,603	(\$449,603)	\$29,939,447
SC 6C TC Comm / Ind Sales	\$4,166,739	\$80,226	\$0	\$0	(\$213,256)	\$4,033,709	\$60,524	(\$60,524)	\$4,033,709
SC 6G TC Governmental Sales	\$9,650,473	\$184,881	\$0	\$0	(\$476,248)	\$9,359,106	\$140,179	(\$140,179)	\$9,359,106
SC 18-6M TC Multi-Family Transport	\$6,092,758	\$51,164	\$0	\$0	(\$343,496)	\$5,800,427	\$88,501	(\$88,501)	\$5,800,427
SC 18-6C TC Comm / Ind Transport	\$1,855,323	\$14,881	\$0	\$0	(\$98,756)	\$1,771,448	\$26,950	(\$26,950)	\$1,771,448
SC 18-6G TC Governmental Transport	\$47,537	\$362	\$0	\$0	(\$2,433)	\$45,466	\$690	(\$690)	\$45,466
SC 18 Small Electric Generator Transport	\$8,650,860	\$0	\$0	\$0	\$0	\$8,650,860	\$0	\$0	\$8,650,860
SC 20 Large Electric Generator Transport	\$2,084,176	\$0	\$0	\$0	\$0	\$2,084,176	\$0	\$0	\$2,084,176
Subtotal Tariff Revenues	\$1,208,055,024	\$19,077,419	\$18,557,009	\$254,480	(\$40,493,818)	\$1,205,450,113	\$17,391,810	(\$17,391,810)	\$1,205,450,113
Add: Miscellaneous Revenues									
Edgar Discount						(\$859,247)			(\$859,247)
Rent From Property						\$345,208			\$345,208
Late Payment Charges						\$12,024,494			\$12,024,494
Misc. Revenue Fees						\$4,173,539			\$4,173,539
Misc 3rd Party Revenue						\$801,200			\$801,200
S&A Burdens						\$196,572			\$196,572
Billing Service Fee ⁽²⁾						\$21,685,929			\$21,685,929
Joint Facilities						(\$8,744,482)			(\$8,744,482)
Geothermal						\$3,300			\$3,300
Total Revenues						\$1,235,076,626			\$1,235,076,626

Notes:

⁽¹⁾ For Rate Year 1, KEDNY will experience a total revenue increase of \$17.392M, which reflects the revenue requirement decrease of \$4.710M, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change savings being eliminated, as shown on Appendix 1, Schedule 3, allocated to the service classifications (excluding electric generators) based on base delivery revenue (Column A).

⁽²⁾ RDM total targets by service class are shown in Appendix 3, Schedule 7 which include billing service fees; See JP Section 3.7 for further details regarding the Revenue Decoupling Mechanism

The Brooklyn Union Gas Company d/b/a National Grid NY
Make Whole - Revenues
For 12-Months Ending March 31, 2021

	(J) (A)+(C)+(E)+(G)+(H)	(K) (A)+(C)+(E)+(G)+(H)	(L) (A)+(C)+(E)+(G)+(H)	(M) (A)+(C)+(E)+(G)+(H)	(N) (B)	(O) (D)	(P) Sum of (J)-(O)
	RDM Targets for RY1 (c)	Non-firm Demand Response Targets for RY1	Electric Generator Revenue Targets for RY1	Non-Decoupled Revenues	Merchant Function Charge Revenue	Clean Energy Fund	Total RY1 Revenues
SC 1A Resi Non Heat Sales	\$119,634,081				\$585,144	\$6,635	\$120,225,861
SC 1AR Reduced Rate Resi Non Heat Sales	\$21,593,246				\$95,760	\$1,211	\$21,690,217
SC 1B Resi Heat Sales	\$509,615,351				\$9,021,360	\$95,714	\$518,732,425
SC 1BR Resi Heat Reduced Rate Sales	\$64,096,314				\$1,104,241	\$13,365	\$65,213,920
SC 1B-DG Resi Dist Gen Sales				\$2,205	\$109	\$1	\$2,315
SC 3 Multi Family Sales	\$47,961,166				\$1,635,656	\$18,173	\$49,614,994
SC 2-1 Non Resi Non Heat Sales	\$25,941,722				\$731,088	\$9,275	\$26,682,086
SC 2-2 Non Resi Heat Sales	\$72,206,441				\$1,720,159	\$20,397	\$73,946,996
SC 4A High Load Factor Sales				\$1,501,496	\$64,520	\$840	\$1,566,855
SC 4A-CNG Wholesale NGV Sales				\$1,296,043	\$59,313	\$734	\$1,356,090
SC 4B Yr Round Space Conditioning Sales				\$640,808	\$17,513	\$207	\$658,528
SC 7 Seasonal Off-Peak Sales				\$917	\$30	\$2	\$949
17-4A-CNG				\$802	\$0	\$11	\$813
SC 14 Retail NGV Sales				\$0	\$0	\$0	\$0
SC 17-1A Resi Non Heat Transport	\$24,891,193				\$82,025	\$2,544	\$24,975,761
SC 17-1AR Resi Non Heat Reduced Rate Transp	\$2,030,816				\$3,330	\$96	\$2,034,242
SC 17-1B Resi Heat Transport	\$77,881,926				\$541,520	\$16,678	\$78,440,124
SC 17-1BR Resi Heat Reduced Rate Transp	\$2,387,266				\$15,262	\$262	\$2,402,790
SC 17-3 Multi Family Transport	\$88,328,275				\$1,374,453	\$41,273	\$89,744,001
SC 17-2-1 Non Resi Non Heat Transport	\$24,260,148				\$324,208	\$10,209	\$24,594,566
SC 17-2-2 Non Resi Heat Transport	\$26,865,827				\$253,948	\$8,147	\$27,127,922
SC 17-4A High Load Factor Transport				\$10,727,289	\$230,411	\$8,515	\$10,966,215
SC 17-4A-CNG Wholesale NGV Transport				\$17,197	\$0	\$0	\$17,197
SC 17-4B Yr Round Space Conditioning Transport				\$765,723	\$6,697	\$191	\$772,611
SC 17-7 Seasonal Off-Peak Transport				\$0	\$0	\$0	\$0
Rate 21				\$393,626	\$53,403	\$0	\$447,029
Rate 17-21				\$227,950	\$11,565	\$0	\$239,515
Rate 17-21-3				\$2,130,263	\$181,189	\$0	\$2,311,452
SC 6M TC Multi-Family Sales		\$29,306,445			\$633,002	\$0	\$29,939,447
SC 6C TC Comm / Ind Sales		\$3,953,483			\$80,226	\$0	\$4,033,709
SC 6G TC Governmental Sales		\$9,174,225			\$184,881	\$0	\$9,359,106
SC 18-6M TC Multi-Family Transport		\$5,749,262			\$51,164	\$0	\$5,800,427
SC 18-6C TC Comm / Ind Transport		\$1,756,567			\$14,881	\$0	\$1,771,448
SC 18-6G TC Governmental Transport		\$45,104			\$362	\$0	\$45,466
SC 18 Small Electric Generator Transport			\$8,650,860		\$0	\$0	\$8,650,860
SC 20 Large Electric Generator Transport			\$2,084,176		\$0	\$0	\$2,084,176
Subtotal Tariff Revenues	\$1,107,693,773	\$49,985,086	\$10,735,036	\$17,704,320	\$19,077,419	\$254,480	\$1,205,450,113
Add: Miscellaneous Revenues							
Edgar Discount							(\$859,247)
Rent From Property							\$345,208
Late Payment Charges							\$12,024,494
Misc. Revenue Fees							\$4,173,539
Misc 3rd Party Revenue							\$801,200
S&A Burdens							\$196,572
Billing Service Fee ⁽²⁾							\$21,685,929
Joint Facilities							(\$8,744,482)
Geothermal							\$3,300
Total Revenues							\$1,235,076,626

Summary:

RDM Targets RY1	\$1,107,693,773
Non-Decoupled Revenues	\$17,704,320
Non-Firm Demand Response Targets RY1	\$49,985,086
Electric Generator Revenue Targets RY1	\$10,735,036
CEF - SBC Surcharge	\$254,480
Merchant Function Revenues	\$19,077,419
Miscellaneous Revenues	\$29,626,513
Appendix 1, Schedule 3, Line 1 + Line 4	\$1,235,076,626

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example: Make Whole Calculation of MFC

April 2021 - August 2021

Uncollectible Expenses Associated with Gas Costs	(\$191,105)
Return Requirement on Gas Purchase-Related Working Capital	<u>(\$487,524)</u>
Make Whole Provision to be recorded (reduction in revenues)	(\$678,629)

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example: Make Whole Calculation of Uncollectible Expenses Associated with Gas Costs

	Current					Proposed				
	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021
1. GAC Forecast (\$/Dt)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	\$ 4.2905	\$ 4.2049	\$ 4.1858	\$ 4.1506	\$ 4.1493	\$ 4.3514	\$ 4.2651	\$ 4.2458	\$ 4.2103	\$ 4.2090
SC 4A	\$ 3.1472	\$ 3.0617	\$ 3.0426	\$ 3.0074	\$ 3.0061	\$ 3.1832	\$ 3.0968	\$ 3.0775	\$ 3.0421	\$ 3.0407
SC 4A-CNG	\$ 2.8688	\$ 2.7833	\$ 2.7642	\$ 2.7290	\$ 2.7277	\$ 2.8991	\$ 2.8128	\$ 2.7935	\$ 2.7580	\$ 2.7567
SC 4B	\$ 3.5084	\$ 3.4228	\$ 3.4037	\$ 3.3686	\$ 3.3673	\$ 3.5516	\$ 3.4653	\$ 3.4460	\$ 3.4105	\$ 3.4092
SC 7	\$ 2.5885	\$ 2.5030	\$ 2.4838	\$ 2.4487	\$ 2.4474	\$ 2.6132	\$ 2.5268	\$ 2.5075	\$ 2.4721	\$ 2.4708
TC Sales	\$ 2.8228	\$ 2.7372	\$ 2.7181	\$ 2.6829	\$ 2.6816	\$ 2.4933	\$ 2.4070	\$ 2.3877	\$ 2.3522	\$ 2.3509
IT Sales	\$ 2.8228	\$ 2.7372	\$ 2.7181	\$ 2.6829	\$ 2.6816	\$ 2.4933	\$ 2.4070	\$ 2.3877	\$ 2.3522	\$ 2.3509
2. Uncollectible % Rates	1.0571%	1.0571%	1.0571%	1.0571%	1.0571%	0.8864%	0.8864%	0.8864%	0.8864%	0.8864%
3. Uncollectible Expenses Associated with Gas Costs (\$/Dt) = (1 X 2)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	\$ 0.04535	\$ 0.04445	\$ 0.04425	\$ 0.04388	\$ 0.04386	\$ 0.03857	\$ 0.03781	\$ 0.03763	\$ 0.03732	\$ 0.03731
SC 4A	\$ 0.03327	\$ 0.03236	\$ 0.03216	\$ 0.03179	\$ 0.03178	\$ 0.02822	\$ 0.02745	\$ 0.02728	\$ 0.02696	\$ 0.02695
SC 4A-CNG	\$ 0.03033	\$ 0.02942	\$ 0.02922	\$ 0.02885	\$ 0.02883	\$ 0.02570	\$ 0.02493	\$ 0.02476	\$ 0.02445	\$ 0.02444
SC 4B	\$ 0.03709	\$ 0.03618	\$ 0.03598	\$ 0.03561	\$ 0.03560	\$ 0.03148	\$ 0.03072	\$ 0.03055	\$ 0.03023	\$ 0.03022
SC 7	\$ 0.02736	\$ 0.02646	\$ 0.02626	\$ 0.02588	\$ 0.02587	\$ 0.02316	\$ 0.02240	\$ 0.02223	\$ 0.02191	\$ 0.02190
TC Sales	\$ 0.02984	\$ 0.02894	\$ 0.02873	\$ 0.02836	\$ 0.02835	\$ 0.02210	\$ 0.02134	\$ 0.02116	\$ 0.02085	\$ 0.02084
IT Sales	\$ 0.02984	\$ 0.02894	\$ 0.02873	\$ 0.02836	\$ 0.02835	\$ 0.02210	\$ 0.02134	\$ 0.02116	\$ 0.02085	\$ 0.02084
4. Uncollectible Expenses Associated with Gas Costs Expenses Total \$										
Volumes (Dt)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	11,564,502	5,086,876	3,257,440	2,660,448	2,639,569	11,564,502	5,086,876	3,257,440	2,660,448	2,639,569
SC 4A	47,146	40,349	53,585	39,576	42,296	47,146	40,349	53,585	39,576	42,296
SC 4A-CNG	47,107	33,595	54,881	34,572	44,885	47,107	33,595	54,881	34,572	44,885
SC 4B	12,766	5,400	7,094	7,664	8,816	12,766	5,400	7,094	7,664	8,816
SC 7	4	4	37	50	58	4	4	37	50	58
TC Sales	1,220,221	529,604	325,891	290,624	287,929	1,220,221	529,604	325,891	290,624	287,929
IT Sales	-	-	-	-	-	-	-	-	-	-
Total	12,891,746	5,695,827	3,698,928	3,032,934	3,023,553	12,891,746	5,695,827	3,698,928	3,032,934	3,023,553
5. Total Dollars = (3 X 4)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	\$524,506	\$226,113	\$144,136	\$116,731	\$115,779	\$446,053	\$192,312	\$122,593	\$99,289	\$98,479
SC 4A	\$1,569	\$1,306	\$1,723	\$1,258	\$1,344	\$1,330	\$1,108	\$1,462	\$1,067	\$1,140
SC 4A-CNG	\$1,429	\$988	\$1,604	\$997	\$1,294	\$1,211	\$838	\$1,359	\$845	\$1,097
SC 4B	\$473	\$195	\$255	\$273	\$314	\$402	\$166	\$217	\$232	\$266
SC 7	\$0	\$0	\$1	\$1	\$1	\$0	\$0	\$1	\$1	\$1
TC Sales	\$36,411	\$15,324	\$9,364	\$8,242	\$8,162	\$26,968	\$11,299	\$6,897	\$6,059	\$6,000
IT Sales	-	-	-	-	-	-	-	-	-	-
Total	\$564,388	\$243,927	\$157,083	\$127,503	\$126,894	\$475,963	\$205,723	\$132,528	\$107,493	\$106,983
Total					\$1,219,796					\$1,028,691
Make Whole Provision to be recorded (reduction in revenues)										(\$191,105)

The Brooklyn Union Gas Company d/b/a National Grid, NY
Merchant Function Charge
Illustrative Example: Make Whole Calculation on Return Requirement on Gas Purchase-Related Working Capital

	Current					Proposed				
	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021
1. GAC Forecast (\$/Dt)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	\$4.2905	\$4.2049	\$4.1858	\$4.1506	\$4.1493	\$4.3514	\$4.2651	\$4.2458	\$4.2103	\$4.2090
SC 4A	\$3.1472	\$3.0617	\$3.0426	\$3.0074	\$3.0061	\$3.1832	\$3.0968	\$3.0775	\$3.0421	\$3.0407
SC 4A- CNG	\$2.8688	\$2.7833	\$2.7642	\$2.7290	\$2.7277	\$2.8991	\$2.8128	\$2.7935	\$2.7580	\$2.7567
SC 4B	\$3.5084	\$3.4228	\$3.4037	\$3.3686	\$3.3673	\$3.5516	\$3.4653	\$3.4460	\$3.4105	\$3.4092
SC 7	\$2.5885	\$2.5030	\$2.4838	\$2.4487	\$2.4474	\$2.6132	\$2.5268	\$2.5075	\$2.4721	\$2.4708
TC Sales	\$2.8228	\$2.7372	\$2.7181	\$2.6829	\$2.6816	\$2.4933	\$2.4070	\$2.3877	\$2.3522	\$2.3509
2. Lead Lag Rate										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	8.79%	8.79%	8.79%	8.79%	8.79%	4.77%	4.77%	4.77%	4.77%	4.77%
SC 4A	8.79%	8.79%	8.79%	8.79%	8.79%	4.77%	4.77%	4.77%	4.77%	4.77%
SC 4A- CNG	8.79%	8.79%	8.79%	8.79%	8.79%	4.77%	4.77%	4.77%	4.77%	4.77%
SC 4B	8.79%	8.79%	8.79%	8.79%	8.79%	4.77%	4.77%	4.77%	4.77%	4.77%
SC 7	8.79%	8.79%	8.79%	8.79%	8.79%	4.77%	4.77%	4.77%	4.77%	4.77%
TC Sales	8.79%	8.79%	8.79%	8.79%	8.79%	4.77%	4.77%	4.77%	4.77%	4.77%
3. Pre-Tax WACC										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	9.08%	9.08%	9.08%	9.08%	9.08%	7.83%	7.83%	7.83%	7.83%	7.83%
SC 4A	9.08%	9.08%	9.08%	9.08%	9.08%	7.83%	7.83%	7.83%	7.83%	7.83%
SC 4A- CNG	9.08%	9.08%	9.08%	9.08%	9.08%	7.83%	7.83%	7.83%	7.83%	7.83%
SC 4B	9.08%	9.08%	9.08%	9.08%	9.08%	7.83%	7.83%	7.83%	7.83%	7.83%
SC 7	9.08%	9.08%	9.08%	9.08%	9.08%	7.83%	7.83%	7.83%	7.83%	7.83%
TC Sales	9.08%	9.08%	9.08%	9.08%	9.08%	7.83%	7.83%	7.83%	7.83%	7.83%
4. Return Requirement on Gas Purchase-Related Working Capital (\$/Dt) = (1 X 2 X 3)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	\$0.0342	\$0.0336	\$0.0334	\$0.0331	\$0.0331	\$0.0163	\$0.0159	\$0.0159	\$0.0157	\$0.0157
SC 4A	\$0.0251	\$0.0244	\$0.0243	\$0.0240	\$0.0240	\$0.0119	\$0.0116	\$0.0115	\$0.0114	\$0.0114
SC 4A- CNG	\$0.0229	\$0.0222	\$0.0221	\$0.0218	\$0.0218	\$0.0108	\$0.0105	\$0.0104	\$0.0103	\$0.0103
SC 4B	\$0.0280	\$0.0273	\$0.0272	\$0.0269	\$0.0269	\$0.0133	\$0.0129	\$0.0129	\$0.0127	\$0.0127
SC 7	\$0.0207	\$0.0200	\$0.0198	\$0.0195	\$0.0195	\$0.0098	\$0.0094	\$0.0094	\$0.0092	\$0.0092
TC Sales	\$0.0225	\$0.0218	\$0.0217	\$0.0214	\$0.0214	\$0.0093	\$0.0090	\$0.0089	\$0.0088	\$0.0088
5. Return Requirement on Gas Purchase-Related Working Capital Total \$ Volumes (Dt)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	11,564,502	5,086,876	3,257,440	2,660,448	2,639,569	11,564,502	5,086,876	3,257,440	2,660,448	2,639,569
SC 4A	47,146	40,349	53,585	39,576	42,296	47,146	40,349	53,585	39,576	42,296
SC 4A- CNG	47,107	33,595	54,881	34,572	44,885	47,107	33,595	54,881	34,572	44,885
SC 4B	12,766	5,400	7,094	7,664	8,816	12,766	5,400	7,094	7,664	8,816
SC 7	4	4	37	50	58	4	4	37	50	58
TC Sales	1,220,221	529,604	325,891	290,624	287,929	1,220,221	529,604	325,891	290,624	287,929
Total	12,891,746	5,695,827	3,698,928	3,032,934	3,023,553	12,891,746	5,695,827	3,698,928	3,032,934	3,023,553
6. Total Dollars = (4 X 5)										
SC 1A, 1AR, 1B, 1BI, 1BR, 1B-DG, 2-1, 2-2, 3 & 21	\$396,013	\$170,720	\$108,826	\$88,134	\$87,415	\$187,948	\$81,032	\$51,655	\$41,836	\$41,495
SC 4A	\$1,184	\$986	\$1,301	\$950	\$1,015	\$561	\$467	\$616	\$450	\$480
SC 4A- CNG	\$1,079	\$746	\$1,211	\$753	\$977	\$510	\$353	\$573	\$356	\$462
SC 4B	\$357	\$148	\$193	\$206	\$237	\$169	\$70	\$91	\$98	\$112
SC 7	\$0	\$0	\$1	\$1	\$1	\$0	\$0	\$0	\$0	\$1
TC Sales	\$27,491	\$11,570	\$7,070	\$6,223	\$6,163	\$11,363	\$4,761	\$2,906	\$2,553	\$2,528
Total	\$426,125	\$184,170	\$118,601	\$96,268	\$95,808	\$200,551	\$86,683	\$55,842	\$45,293	\$45,078
Total										
Make Whole Provision to be recorded (reduction in revenues)						\$920,971			\$433,446	(\$487,524)

Appendix 4

Index of Exhibits

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Schedule 5.3	Non-Firm Demand Response Pro-Forma
Schedule 6 .1	Merchant Function Charges (“MFC”) – Total Annual MFC RY2 and GAC Year
Schedule 6 .2	Merchant Function Charges (“MFC”) – FY to GAC Year conversion for Credit and Collection and Gas Procurement Target
Schedule 6 .3	Merchant Function Charges (“MFC”) – Setting Rates for each MFC components for September 2021 -August 2022 and Annual Reconciliation

Appendix 4

Schedule 7	Revenue Decoupling Mechanism (“RDM”) Targets
Schedule 8	Lost and Unaccounted for Gas (“LAUF”) Target
Schedule 9	Earnings Adjustment Mechanism (“EAM”) Illustrative Calculation
Schedule 10	Electric Generator Revenue Target
Schedule 11	Delivery Rate Adjustment (“DRA”) Pro-forma
Schedule 12	Marginal Cost of Service Study (“MCOSS”) – EJP Rates
Schedule 13	Make Whole Provision
Schedule 13.1	Make Whole Provision - Revenues
Schedule 13.2	Make Whole Provision - MFC

KEYSPAN GAS EAST CORP D/B/A NATIONAL GRID
Gas Revenue Forecast
FY 2021

Class Name	1	2	3	4	5	6	7	8	9	10	11	12	13
	Customers	Therms	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (ETIPS)	Clean Energy Fund	Power Gen Revenue	Tax Reform	Misc - Other	Total Delivery Revenue Col (3+4+5+6+7+8+9)	Commodity Revenue	Gross Revenue Taxes	Revenue
SC 1A Residential General Sales	55,117	7,954,034	\$20,207,426	\$100,146	\$100,092	\$1,597	\$0	(\$623,596)	\$0	\$19,785,664	\$3,243,584	\$428,398	\$23,457,647
SC 1AR Residential General Discount Sales	1,042	100,752	\$340,836	\$1,269	\$1,700	\$27	\$0	(\$7,899)	\$0	\$335,932	\$41,086	\$7,265	\$384,283
SC 1A Residential Water Heating Sales	25,183	7,644,352	\$13,369,101	\$96,247	\$108,495	\$1,731	\$0	(\$599,317)	\$0	\$12,976,256	\$3,117,299	\$280,611	\$16,374,167
SC 1AR Residential Water Heating Discount Sales	187	56,032	\$98,658	\$705	\$918	\$15	\$0	(\$4,393)	\$0	\$95,904	\$22,849	\$2,071	\$120,824
SC 1B Residential Space Heating Sales	428,786	520,867,527	\$441,614,276	\$6,686,885	\$5,366,546	\$85,628	\$0	(\$18,542,884)	\$0	\$435,210,451	\$216,453,341	\$9,440,348	\$661,104,140
SC 1BR Residential Space Heating Discount Sales	10,498	10,761,194	\$9,996,364	\$138,152	\$119,283	\$1,903	\$0	(\$383,099)	\$0	\$9,872,604	\$4,471,958	\$213,943	\$14,558,505
SC 1BDG Residential Distribution Generation Sales	8	15,489	\$5,131	\$199	\$157	\$3	\$0	(\$133)	\$0	\$5,356	\$6,437	\$116	\$11,910
SC 3B Multi Dwelling Heat Sales	690	14,359,325	\$6,785,779	\$183,600	\$157,506	\$2,513	\$0	(\$229,749)	\$0	\$6,899,649	\$5,938,826	\$149,568	\$12,988,042
SC 3A Multi Dwelling Non Heat Sales	26	176,193	\$94,076	\$2,253	\$2,716	\$43	\$0	(\$2,819)	\$0	\$96,269	\$72,878	\$2,070	\$171,217
SC 2A Commercial Water Heating Sales	87	100,919	\$122,171	\$1,286	\$1,593	\$25	\$0	(\$2,008)	\$0	\$123,067	\$41,640	\$201	\$164,908
SC 2B Commercial Space Heating Sales	39,592	174,668,519	\$116,596,844	\$2,226,110	\$1,643,219	\$26,219	\$0	(\$4,454,047)	\$0	\$116,038,345	\$72,066,713	\$229,316	\$188,334,374
SC 2A Commercial General Sales	6,550	26,444,706	\$17,468,929	\$337,032	\$480,757	\$7,671	\$0	(\$526,250)	\$0	\$17,768,139	\$10,910,876	\$34,674	\$28,713,690
SC 15 High Load Factor Service Sales	83	14,268,526	\$2,941,596	\$151,824	\$193,569	\$3,089	\$0	(\$54,220)	\$0	\$3,235,857	\$4,248,223	\$47,992	\$7,532,072
SC 16 Space Conditioning Service Sales	29	5,230,238	\$1,753,588	\$57,416	\$34,212	\$546	\$0	(\$63,286)	\$0	\$1,782,476	\$1,695,555	\$4,235	\$3,482,266
SC 17 Baseload Distribute Generation Sales (Rate 2)	1	19,173	\$6,825	\$238	\$0	\$0	\$0	(\$27)	\$0	\$7,036	\$7,696	\$88	\$14,821
SC 9 Natural Gas Vehicles Sales	10	633,580	\$411,277	\$6,359	\$0	\$0	\$0	(\$27,878)	\$0	\$389,759	\$176,498	\$2,318	\$568,576
SC 5-1A Residential General Trans	2,579	388,319	\$952,060	\$1,607	\$5,383	\$86	\$0	(\$30,444)	\$0	\$928,691	\$0	\$19,969	\$948,660
SC 5-1AR Residential Water Heating Trans	62	4,878	\$19,032	\$20	\$117	\$2	\$0	(\$382)	\$0	\$18,789	\$0	\$404	\$19,193
SC 5-1A Residential Water Heating Trans	1,278	421,831	\$725,859	\$1,745	\$6,175	\$99	\$0	(\$33,072)	\$0	\$700,805	\$0	\$15,011	\$715,817
SC 5-1AR Residential Water Heating Trans	1	243	\$484	\$1	\$12	\$0	\$0	(\$19)	\$0	\$478	\$0	\$10	\$488
SC 5-1B Residential Space Heating Trans	21,415	29,493,667	\$23,490,867	\$119,416	\$334,037	\$5,330	\$0	(\$1,049,975)	\$0	\$22,899,676	\$0	\$486,331	\$23,386,007
SC 5-1BR Residential Space Heating Discount Trans	107	110,292	\$102,618	\$447	\$1,223	\$20	\$0	(\$3,926)	\$0	\$100,381	\$0	\$2,139	\$102,520
SC 5-2A Commercial Water Heating Trans	14	125,833	\$59,128	\$514	\$1,895	\$30	\$0	(\$2,504)	\$0	\$59,063	\$0	\$70	\$59,134
SC 5-2B Commercial Space Heating Trans	10,358	84,077,481	\$46,068,625	\$343,505	\$802,631	\$12,807	\$0	(\$2,143,976)	\$0	\$45,083,591	\$0	\$54,450	\$45,138,041
SC 5-3B Multi Dwelling Heating Trans	968	39,110,664	\$13,170,994	\$159,196	\$391,191	\$6,242	\$0	(\$625,771)	\$0	\$13,101,853	\$0	\$271,989	\$13,373,843
SC 5-3A Multi Dwelling Other Trans	55	726,658	\$324,485	\$2,957	\$10,277	\$164	\$0	(\$11,627)	\$0	\$326,256	\$0	\$6,782	\$333,038
SC 5-2A Commercial General Trans	3,304	31,671,623	\$15,234,174	\$129,397	\$642,551	\$10,252	\$0	(\$630,265)	\$0	\$15,386,109	\$0	\$18,122	\$15,404,231
SC 5-15 High Load Factor Service Trans	30	2,936,159	\$665,073	\$11,995	\$52,153	\$832	\$0	(\$11,157)	\$0	\$718,896	\$0	\$925	\$719,821
SC 5-16 Space Conditioning Service Trans	32	28,239,391	\$8,339,848	\$118,809	\$251,411	\$4,011	\$0	(\$341,697)	\$0	\$8,372,384	\$0	\$9,984	\$8,382,367
SC 5-17 Baseload Distribute Generation Trans	1	63,942	\$11,683	\$269	\$0	\$0	\$0	(\$97)	\$0	\$11,863	\$0	\$17	\$11,880
SC 5-9 Natural Gas Vehicles Trans	9	6,012,860	\$3,865,411	\$25,297	\$0	\$0	\$0	(\$264,566)	\$0	\$3,626,143	\$0	\$4,685	\$3,630,827
SC 12 Temperature Control Sales - Rate 1	29	801,677	\$364,100	\$5,385	\$0	\$0	\$0	(\$7,135)	\$0	\$362,350	\$222,669	\$0	\$585,018
SC 12 Temperature Control Sales - Rate 2	60	4,675,509	\$1,634,805	\$31,384	\$0	\$0	\$0	(\$41,612)	\$0	\$1,624,577	\$1,297,960	\$0	\$2,922,537
SC 13 Temperature Control Trans - Rate 1	1	29,616	\$13,187	\$54	\$0	\$0	\$0	(\$264)	\$0	\$12,977	\$0	\$0	\$12,977
SC 13 Temperature Control Trans - Rate 2	2	75,607	\$31,515	\$139	\$0	\$0	\$0	(\$673)	\$0	\$30,981	\$0	\$0	\$30,981
SC 4 Interruptible Sales	80	9,687,523	3,187,105	-	\$0	\$0	\$0	(\$89,125)	\$0	\$3,097,980	\$2,600,363	\$0	\$5,698,343
SC 7 Interruptible Trans	4	313,504	\$109,563	\$0	\$0	\$0	\$0	(\$25,143)	\$0	\$84,420	\$0	\$0	\$84,420
SC 7 Small Electric Generator Transport	4	30,178,065	\$0	\$0	\$0	\$0	\$1,910,216	\$0	\$0	\$1,910,216	\$0	\$0	\$1,910,216
SC 14 Large Electric Generator Transport	17	780,240,550	\$0	\$0	\$0	\$0	\$36,395,872	\$0	\$0	\$36,395,872	\$0	\$0	\$36,395,872
Revenue Subtotal	608,319	1,832,686,453	\$750,183,492	\$10,941,857	\$10,709,822	\$170,884	\$38,306,088	(\$30,835,027)	\$0	\$779,477,116	\$326,636,452	\$11,734,104	\$1,117,847,673
Edgar Discount									(\$248,465)				(\$248,465)
Rent From Property									\$429,891				\$429,891
Late Payment Charges									\$4,957,298				\$4,957,298
Misc. Revenue Fees									\$1,416,802				\$1,416,802
Misc. 3rd Party Billing									\$411,320				\$411,320
Billing Service Fee									\$12,847,701				\$12,847,701
Supervision & Admin									\$71,940				\$71,940
Joint Facilities									\$1,520,078				\$1,520,078
Geothermal									\$29,700				\$29,700
Revenue Total			\$750,183,492	\$10,941,857	\$10,709,822	\$170,884	\$38,306,088	(\$30,835,027)	\$21,436,265	\$800,913,381	\$326,636,452	\$11,734,104	\$1,139,283,938

KEYSPAN GAS EAST CORP D/B/A NATIONAL GRID
Gas Revenue Forecast
FY 2022

Class Name	1	2	3	4	5	6	7	8	9	10	11	12	13
	Customers	Therms	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (ETIPS)	Clean Energy Fund	Power Gen Revenue	Tax Reform	Misc - Other	Total Delivery Revenue Col (3+4+5+6+7+8+9)	Commodity Revenue	Gross Revenue Taxes	Revenue
SC 1A Residential General Sales	52,709	7,664,980	\$19,389,854	\$99,467	\$143,674	\$0	\$0	(\$600,934)	\$0	\$19,032,061	\$3,229,094	\$411,158	\$22,672,313
SC 1AR Residential General Discount Sales	997	97,091	\$326,780	\$1,260	\$2,440	\$0	\$0	(\$7,612)	\$0	\$322,868	\$40,902	\$6,967	\$370,737
SC 1A Residential Water Heating Sales	24,083	7,366,513	\$12,846,811	\$95,594	\$155,746	\$0	\$0	(\$577,535)	\$0	\$12,520,617	\$3,103,356	\$269,750	\$15,893,723
SC 1AR Residential Water Heating Discount Sales	179	53,983	\$94,771	\$701	\$1,319	\$0	\$0	(\$4,232)	\$0	\$92,558	\$22,743	\$1,990	\$117,292
SC 1B Residential Space Heating Sales	433,701	527,763,859	\$446,743,802	\$6,914,493	\$8,170,236	\$0	\$0	(\$18,788,393)	\$0	\$443,040,138	\$231,004,365	\$9,564,339	\$683,608,841
SC 1BR Residential Space Heating Discount Sales	10,618	10,903,468	\$10,113,366	\$142,852	\$181,562	\$0	\$0	(\$388,163)	\$0	\$10,049,616	\$4,772,489	\$216,743	\$15,038,849
SC 1BDG Residential Distribution Generation Sales	8	15,437	\$5,125	\$202	\$234	\$0	\$0	(\$133)	\$0	\$5,429	\$6,751	\$117	\$12,296
SC 3B Multi Dwelling Heat Sales	684	14,277,110	\$6,745,496	\$186,615	\$240,757	\$0	\$0	(\$228,434)	\$0	\$6,944,435	\$6,193,563	\$149,040	\$13,287,038
SC 3A Multi Dwelling Non Heat Sales	26	176,400	\$94,175	\$2,306	\$4,143	\$0	\$0	(\$2,822)	\$0	\$97,801	\$76,502	\$2,076	\$176,380
SC 2A Commercial Water Heating Sales	87	107,573	\$125,711	\$1,405	\$2,431	\$0	\$0	(\$2,141)	\$0	\$127,407	\$46,507	\$211	\$174,125
SC 2B Commercial Space Heating Sales	39,451	185,942,269	\$121,019,175	\$2,428,188	\$2,512,259	\$0	\$0	(\$4,741,528)	\$0	\$121,218,095	\$80,395,257	\$244,894	\$201,858,246
SC 2A Commercial General Sales	6,526	28,150,859	\$18,026,084	\$367,617	\$733,618	\$0	\$0	(\$560,202)	\$0	\$18,567,118	\$12,171,506	\$36,906	\$30,775,529
SC 15 High Load Factor Service Sales	83	15,201,884	\$3,123,513	\$166,514	\$295,799	\$0	\$0	(\$57,767)	\$0	\$3,528,059	\$4,543,568	\$51,343	\$8,122,970
SC 16 Space Conditioning Service Sales	29	5,253,919	\$1,760,314	\$60,258	\$51,937	\$0	\$0	(\$63,572)	\$0	\$1,808,937	\$1,694,685	\$4,246	\$3,507,867
SC 17 Baseload Distribute Generation Sales (Rate 2)	1	19,260	\$6,836	\$248	\$0	\$0	\$0	(\$27)	\$0	\$7,058	\$7,876	\$90	\$15,024
SC 9 Natural Gas Vehicles Sales	10	636,448	\$413,119	\$6,656	\$0	\$0	\$0	(\$28,004)	\$0	\$391,771	\$182,854	\$2,388	\$577,013
SC 5-1A Residential General Trans	2,467	374,218	\$913,768	\$1,414	\$7,723	\$0	\$0	(\$29,339)	\$0	\$893,567	\$0	\$19,163	\$912,730
SC 5-1AR Residential Water Heating Trans	60	4,720	\$18,290	\$18	\$167	\$0	\$0	(\$370)	\$0	\$18,104	\$0	\$388	\$18,493
SC 5-1A Residential General Trans	1,222	406,486	\$697,748	\$1,536	\$8,860	\$0	\$0	(\$31,868)	\$0	\$676,275	\$0	\$14,428	\$690,703
SC 5-1AR Residential General Discount Trans	1	245	\$486	\$1	\$18	\$0	\$0	(\$19)	\$0	\$486	\$0	\$10	\$496
SC 5-1B Residential Space Heating Trans	21,661	29,883,983	\$23,762,406	\$112,668	\$508,673	\$0	\$0	(\$1,063,870)	\$0	\$23,319,877	\$0	\$491,905	\$23,811,782
SC 5-1BR Residential Space Heating Discount Trans	109	112,076	\$104,145	\$423	\$1,910	\$0	\$0	(\$3,990)	\$0	\$102,488	\$0	\$2,170	\$104,658
SC 5-2A Commercial Water Heating Trans	14	134,256	\$61,575	\$507	\$2,879	\$0	\$0	(\$2,672)	\$0	\$62,289	\$0	\$73	\$62,362
SC 5-2B Commercial Space Heating Trans	10,321	89,505,083	\$48,033,965	\$337,675	\$1,227,115	\$0	\$0	(\$2,282,380)	\$0	\$47,316,375	\$0	\$56,690	\$47,373,065
SC 5-3B Multi Dwelling Heating Trans	959	38,883,325	\$13,087,762	\$146,680	\$598,005	\$0	\$0	(\$622,133)	\$0	\$13,210,314	\$0	\$270,250	\$13,480,564
SC 5-3A Multi Dwelling Other Trans	55	727,513	\$324,830	\$2,744	\$15,718	\$0	\$0	(\$11,640)	\$0	\$331,652	\$0	\$6,789	\$338,441
SC 5-2A Commercial General Trans	3,292	33,715,359	\$15,814,711	\$127,198	\$980,425	\$0	\$0	(\$670,936)	\$0	\$16,251,398	\$0	\$18,783	\$16,270,181
SC 5-15 High Load Factor Service Trans	50	3,130,162	\$702,828	\$11,809	\$79,552	\$0	\$0	(\$11,895)	\$0	\$782,295	\$0	\$969	\$783,264
SC 5-16 Space Conditioning Service Trans	32	28,367,249	\$8,376,110	\$107,353	\$382,168	\$0	\$0	(\$343,244)	\$0	\$8,522,387	\$0	\$10,012	\$8,532,399
SC 5-17 Baseload Distribute Generation Trans	1	64,232	\$11,721	\$243	\$0	\$0	\$0	(\$90)	\$0	\$11,874	\$0	\$17	\$11,891
SC 5-9 Natural Gas Vehicles Trans	9	6,040,084	\$3,882,895	\$22,858	\$0	\$0	\$0	(\$265,764)	\$0	\$3,639,989	\$0	\$4,680	\$3,644,669
SC 12 Temperature Control Sales - Rate 1	36	954,843	\$440,217	\$6,777	\$0	\$0	\$0	(\$8,498)	\$0	\$438,496	\$260,759	\$0	\$699,256
SC 12 Temperature Control Sales - Rate 2	74	5,575,982	\$1,962,069	\$39,583	\$0	\$0	\$0	(\$49,626)	\$0	\$1,952,026	\$1,522,814	\$0	\$3,474,840
SC 13 Temperature Control Trans - Rate 1	1	29,934	\$13,279	\$53	\$0	\$0	\$0	(\$266)	\$0	\$13,066	\$0	\$0	\$13,066
SC 13 Temperature Control Trans - Rate 2	3	108,042	\$45,139	\$190	\$0	\$0	\$0	(\$962)	\$0	\$44,368	\$0	\$0	\$44,368
SC 4 Interruptible Sales	80	9,731,384	\$3,199,886	-	\$0	\$0	\$0	(\$89,529)	\$0	\$3,110,357	\$2,581,789	\$0	\$5,692,146
SC 7 Interruptible Trans	4	314,924	\$109,977	\$0	\$0	\$0	\$0	(\$25,257)	\$0	\$84,720	\$0	\$0	\$84,720
SC 7 Small Electric Generator Transport	4	30,178,065	0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,910,216	\$0	\$0	\$1,910,216
SC 14 Large Electric Generator Transport	17	780,240,550	0	\$0	\$0	\$0	\$0	\$0	\$0	\$36,395,872	\$0	\$0	\$36,395,872
Revenue Subtotal	609,660	1,862,113,767	\$762,398,740	\$11,394,105	\$16,309,370	\$0	\$38,306,088	(\$31,565,846)	\$0	\$796,842,456	\$351,857,380	\$11,858,586	\$1,160,558,421
Edgar Discount													
Rent From Property									(\$283,034)				(\$283,034)
Late Payment Charges									\$440,592				\$440,592
Misc. Revenue Fees									\$5,144,094				\$5,144,094
Misc. 3rd Party Billing									\$1,446,413				\$1,446,413
Billing Service Fee									\$419,917				\$419,917
Supervision & Admin									\$12,876,028				\$12,876,028
Joint Facilities									\$73,443				\$73,443
Geothermal									\$89,100				\$89,100
Revenue Total			\$762,398,740	\$11,394,105	\$16,309,370	\$0	\$38,306,088	(\$31,565,846)	\$21,726,631	\$818,569,087	\$351,857,380	\$11,858,586	\$1,182,285,052

KeySpan Gas East Corporation d/b/a National Grid
Computation of Delivery Increase for Rate Year 2, ending March 31, 2022

Line	Description	KEDLI- RY2 (\$000s)
1	Revenue Requirement	1,203,251
2	Less: GRT	(11,911)
3		<u>1,191,339</u>
4	TAX / ETIP	
5	Commodity	351,857
6	Power Gen	38,306
7	MFC- Proposed	7,698
8	Billing Fee- Proposed	9,657
9	LPC- Proposed	5,269
10		
11		
12	Edgar Discount	(283)
13	Rent From Property	441
14	Misc. Revenue Fees	1,446
15	Misc. 3rd Party Billing	420
16	Supervision & Admin	73
17	Joint Facilities	1,520
18	Geothermal	89
19	Other Revenue	
20	Other revenue	
21		<u>3,707</u>
22	Base Delivery Requirement	774,845
23	Base Delivery at Present	762,399
24		<u>12,446</u>
25		
26	Delivery Increase	<u><u>12,446</u></u>

KeySpan Gas East Corporation d/b/a National Grid
Computation of Delivery Increase for Rate Year 3, ending March 31, 2023

Line	Description	KEDLI- RY3 (\$000s)
1	Revenue Requirement	1,282,542
2	Less: GRT	(12,558)
3		<u>1,269,984</u>
4	TAX / ETIP	375,926
5	Commodity	38,306
6	Power Gen	7,412
7	MFC- Proposed	9,902
8	Billing Fee- Proposed	5,394
9	LPC- Proposed	
10		
11		
12	Edgar Discount	(313)
13	Rent From Property	452
14	Misc. Revenue Fees	1,476
15	Misc. 3rd Party Billing	428
16	Supervision & Admin	75
17	Joint Facilities	1,520
18	Geothermal	198
19	Other Revenue	
20	Other revenue	<u>3,837</u>
21		<u>440,777</u>
22	Base Delivery Requirement	829,207
23	Base Delivery at Present	803,344
24		<u>25,863</u>
25		
26	Delivery Increase	<u><u>25,863</u></u>

KeySpan Gas East Corporation d/b/a National Grid
Allocation of Delivery Increase for Rate Year 3, ending March 31, 2023

Line	Description	Total	SC-1A Res Non-Heat	SC-1B Res Heat	SC-IDG Res DG	SC-2A GS Non-Heat	SC-2B GS Heat	SC-3A Multi Family Non-Heat	SC-3B Multi Family Heat	SC-9 Wholesale NGV	SC 4-7-12-13 TC-IT	SC-15 HLF Service	SC-16 Yr Round Space	SC-17 DG Sales
1	Step 1- Historic Rate of Return													
2	Delivery revenue present rates	803,344	33,484	507,053	6	36,843	182,693	433	20,907	3,947	3,232	4,567	10,160	20
3	Tax Credit	(0)												(0)
4	ETIP	0												0
5	MFC at Present rates	7,698	325	4,552	0	373	1,855	5	243	23	69	124	129	0
6	Delivery revenue, pro forma	811,042	33,809	511,605	6	37,216	184,547	438	21,149	3,971	3,301	4,690	10,289	20
7														
8	Return at Historic Rates	6.81%	0.77%	6.26%	(2.84%)	21.24%	7.25%	14.81%	6.21%	77.81%	56.54%	11.56%	16.72%	3.75%
9	Relative Return at Historic Rates	1.00	0.11	0.92	(0.42)	3.12	1.06	2.17	0.91	11.42	8.30	1.70	2.45	0.55
10														
11														
12														
13														
14														
15														
16	Step 3- Increase													
17														
18	Step 4- Increase for Target Revenue													
19	Proposed Increase %		3.19%	3.19%	3.19%	3.19%	3.19%	3.19%	3.19%	3.19%	3.19%	3.19%	3.19%	3.19%
20	Change in Pro Forma	25,863	1,078	16,314	0	1,187	5,885	14	674	127	105	150	328	1
21	Change due to MFC													
22	Change due to Tax/ ETIP													
23														
24	Distribution Revenue Change	25,863	1,078	16,314	0	1,187	5,885	14	674	127	105	150	328	1
25	Proposed Delivery Revenue	829,207	34,562	523,367	6	38,030	188,578	447	21,581	4,074	3,337	4,716	10,489	20
26														
27	Allocation of Surcredit													
28	Revenue base for Surcredit	825,870	34,562	523,367	6	38,030	188,578	447	21,581	4,074	3,337	4,716	10,489	20
29	Share of Revenue	100.00%	4.18%	63.37%	0.00%	4.60%	22.83%	0.05%	2.61%	0.49%	0.00%	0.57%	1.27%	0.00%
30	Allocate Surcredit	(4,289)	(179)	(2,718)	(0)	(197)	(979)	(2)	(112)	(21)	0	(24)	(54)	(0)
31														

KeySpan Gas East Corporation d/b/a National Grid
 MFC Components from Historic ECOSS (\$000s)

Line	Calculations for MFC	Costs	% to MFC	In MFC
1	Procurement Function	281	100.00%	281
2	Collections Function	3,025	41.98%	1,270
3	Promotion Function	163	41.98%	68
4		<u>3,469</u>		<u>1,619</u>
5				
6	Delivery revenue	696,111	59.50%	
7	Commodity	491,102	41.98%	
8	MFC	13,151	1.12%	
9	Newtown Creek		0.00%	
10	Tax Credit	(30,438)	(2.60%)	
11		<u>1,169,926</u>	<u>100.00%</u>	
12				
13				
14				

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	Total	Total	Total	Total		
2	1A	Cust	81,716	81,716		
3		Block 1	2,207,247	2,207,247		
4		Block 2	9,102,406	9,102,406		
5		Block 3	4,658,584	4,658,584		
6		Sales (Dth)	15,968,237	15,968,237		
7						
8		Tariff Rates				
9		Block 1	\$ 19,75	\$ 19,75		
10		Block 2	\$ 1,4354	\$ 1,5313	(0.0146) \$	(0.0229)
11		Block 3	\$ 0.3407	\$ 0.3635	(0.0035) \$	(0.0054)
12						
13		Revenue (\$000)				
14		Block 1 \$	\$ 19,635,734	\$ 19,635,734	(148,917) \$	(148,917)
15		Block 2 \$	\$ 13,065,594	\$ 13,938,515	(0.95%)	(1.45%)
16		Block 3 \$	\$ 1,587,180	\$ 1,693,395	(149,200) \$	(148,476)
17		Delivery Rev	\$34,288,507	\$35,267,644		
18				Target		
19				35,267,805		
20	1B	Cust	466,089	466,089		
21		Block 1	16,540,606	16,540,606		
22		Block 2	197,638,341	197,638,341		
23		Block 3	354,484,438	354,484,438		
24		Sales (Dth)	568,663,386	568,663,386		
25						
26		Tariff Rates				
27		Block 1	\$ 21.66	\$ 21.66		
28		Block 2	\$ 1.2839	\$ 1.3022	(0.0073) \$	(0.0104)
29		Block 3	\$ 0.2938	\$ 0.3066	(0.0017) \$	(0.0025)
30						
31		Revenue (\$000)				
32		Block 1 \$	\$ 122,828,324	\$ 122,828,324	(2,064,201) \$	(2,064,201)
33		Block 2 \$	\$ 253,747,866	\$ 257,364,648	(0.56%)	(0.79%)
34		Block 3 \$	\$ 104,147,528	\$ 108,684,929	(2,045,383) \$	(2,076,460)
35		Delivery Rev	\$480,723,719	\$488,877,901		
36				Target		
				488,861,681		

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Delivery Rates	Present Rates	Forecast					Forecast	Forecast	Forecast
			7 Months	5 Months	Total RY2	Apr-21	May-21			
2	1A	Cust	80,633	83,233	81,716	83,714	83,543	83,421	83,216	82,272
3		Block 1	1,277,716	929,530	2,207,247	182,037	178,750	189,031	189,369	190,343
4		Block 2	5,645,970	3,456,436	9,102,406	862,361	676,632	656,041	621,623	639,779
5		Block 3	3,552,405	1,106,179	4,658,584	520,922	129,843	175,052	155,078	125,283
6		Sales (Dth)	10,476,092	5,492,145	15,968,237	1,565,319	985,226	1,020,125	966,070	955,405
7			<i>10,476,092 Check</i>							
8		Tariff Rates								
9		Block 1	\$ 19.75							
10		Block 2	\$ 1.5863							
11		Block 3	\$ 0.3766							
12										
13		Revenue (\$000)								
14		Block 1	\$ 11,302,299	\$ 8,333,435	\$ 19,635,734	\$ 1,676,315	\$ 1,672,891	\$ 1,670,448	\$ 1,666,343	\$ 1,647,440
15		Block 2	\$ 8,956,202	\$ 4,961,369	\$ 13,065,594	\$ 1,237,832	\$ 971,238	\$ 941,681	\$ 892,278	\$ 918,339
16		Block 3	\$ 1,337,836	\$ 376,875	\$ 1,587,180	\$ 177,478	\$ 44,238	\$ 59,640	\$ 52,835	\$ 42,684
17		Delivery Rev	\$21,596,337	\$13,671,679	\$34,288,507	\$3,091,625	\$2,688,366	\$2,671,769	\$2,611,455	\$2,608,462
18		Target	21,596,126	1,035,912						
19										
20		1B	Cust	469,418	461,428	466,089	460,868	460,912	461,004	461,488
21		Block 1	9,741,022	6,799,585	16,540,606	1,372,382	1,367,441	1,357,737	1,348,781	1,353,244
22		Block 2	128,863,240	68,775,101	197,638,341	20,837,554	17,126,500	12,283,339	9,108,762	9,418,946
23		Block 3	294,512,773	59,971,665	354,484,438	42,602,975	8,908,042	3,695,667	2,512,408	2,252,574
24		Sales (Dth)	433,117,035	135,546,351	568,663,386	64,812,911	27,401,982	17,336,743	12,969,951	13,024,764
25			<i>433,117,035 Check</i>							
26		Tariff Rates								
27		Block 1	\$ 21.66							
28		Block 2	\$ 1.3123							
29		Block 3	\$ 0.3090							
30										
31		Revenue (\$000)								
32		Block 1	\$ 72,161,651	\$ 50,666,673	\$ 122,828,324	\$ 10,121,045	\$ 10,122,012	\$ 10,124,032	\$ 10,134,661	\$ 10,164,923
33		Block 2	\$ 169,107,231	\$ 88,300,352	\$ 253,747,866	\$ 26,753,336	\$ 21,988,713	\$ 15,770,579	\$ 11,694,739	\$ 12,092,985
34		Block 3	\$ 91,004,447	\$ 17,619,675	\$ 104,147,528	\$ 12,516,754	\$ 2,617,183	\$ 1,085,787	\$ 738,145	\$ 661,806
35		Delivery Rev	\$332,273,329	\$156,586,700	\$480,723,719	\$49,391,135	\$34,727,907	\$26,980,398	\$22,567,546	\$22,919,714
36		Target	332,274,981	1,007,788						

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
2	81,455	80,985	80,692	80,435	80,383	80,296	80,183
3	187,786	191,477	183,762	181,201	180,933	178,968	173,589
4	568,896	707,274	799,854	888,966	918,892	927,966	834,122
5	187,771	145,110	211,352	565,652	995,930	892,555	554,035
6	944,453	1,043,862	1,194,968	1,635,819	2,095,755	1,999,489	1,561,745
7							
8							
9							
10							
11							
12							
13							
14	\$ 1,631,080	\$ 1,621,668	\$ 1,615,801	\$ 1,610,655	\$ 1,609,614	\$ 1,607,872	\$ 1,605,609
15	\$ 816,594	\$ 1,015,222	\$ 1,148,111	\$ 1,276,022	\$ 1,318,977	\$ 1,332,002	\$ 1,197,298
16	\$ 63,974	\$ 49,439	\$ 72,008	\$ 192,718	\$ 339,313	\$ 304,093	\$ 188,760
17	\$2,511,647	\$2,686,329	\$2,835,920	\$3,079,395	\$3,267,904	\$3,243,967	\$2,991,667
18							
19							
20	464,399	465,894	467,570	469,454	471,206	473,071	474,331
21	1,357,234	1,371,830	1,387,259	1,398,743	1,404,126	1,409,365	1,412,466
22	8,613,932	14,719,609	19,182,249	21,326,709	21,712,092	21,751,356	21,557,293
23	3,051,513	6,234,483	23,796,069	52,327,152	83,679,110	77,563,710	47,860,736
24	13,022,679	22,325,922	44,365,577	75,052,603	106,795,329	100,724,431	70,830,495
25							
26							
27							
28							
29							
30							
31							
32	\$ 10,198,589	\$ 10,231,420	\$ 10,268,227	\$ 10,309,601	\$ 10,348,076	\$ 10,389,033	\$ 10,416,704
33	\$ 11,059,428	\$ 18,898,506	\$ 24,628,089	\$ 27,381,362	\$ 27,876,156	\$ 27,926,565	\$ 27,677,409
34	\$ 896,534	\$ 1,831,691	\$ 6,991,285	\$ 15,373,717	\$ 24,584,923	\$ 22,788,218	\$ 14,061,484
35	\$22,154,551	\$30,961,618	\$41,887,601	\$53,064,680	\$62,809,155	\$61,103,817	\$52,155,597
36							

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	Total	Total	Total	Total		
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						

Line	Current Rates	Proposed Rates- Full Year	Surcredit Full Year	Surcredit 7 Months
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
37							
38	8	8	8	8	8	8	8
39	24	24	24	24	24	24	24
40	333	586	1,183	2,010	2,859	2,684	1,876
41							
42	357	610	1,207	2,034	2,883	2,708	1,900
43							
44							
45							
46							
47							
48							
49							
50	\$ 268	\$ 268	\$ 268	\$ 268	\$ 268	\$ 268	\$ 268
51	\$ 42	\$ 74	\$ 149	\$ 253	\$ 360	\$ 338	\$ 236
52							
53	\$310	\$342	\$417	\$521	\$628	\$606	\$504
54							
55							

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	Total	Total	Total	Total		
56	2A	Cust	9,920	9,920		
57		Block 1	318,737	318,737		
58		Block 2	7,118,031	7,118,031		
59		Block 3	38,885,732	38,885,732		
60		Block 4	15,785,547	15,785,547		
61		Sales (Dth)	62,108,047	62,108,047		
62						
63		Tariff Rates				
64		Block 1	\$ 37.66	\$ 37.66		
65		Block 2	\$ 1.7282	\$ 1.7848		
66		Block 3	\$ 0.3553	\$ 0.3619		
67		Block 4	\$ 0.2132	\$ 0.2326		
68						
69		Revenue (\$000)				
70		Block 1 \$	\$ 4,545,120	\$ 4,545,120		
71		Block 2 \$	\$ 12,301,382	\$ 12,704,262		
72		Block 2 \$	\$ 13,816,101	\$ 14,072,747		
73		Block 3 \$	\$ 3,365,479	\$ 3,671,718		
74		Delivery Rev	\$34,028,081	\$34,993,847		
75				Target		
76				34,994,318		
77	2B	Cust	49,772	49,772		
78		Block 1	1,384,231	1,384,231		
79		Block 2	29,568,913	29,568,913		
80		Block 3	155,343,875	155,343,875		
81		Block 4	89,150,333	89,150,333		
82		Sales (Dth)	275,447,352	275,447,352		
83						
84		Tariff Rates				
85		Block 1	\$ 37.66	\$ 37.66		
86		Block 2	\$ 1.7716	\$ 1.7834		
87		Block 3	\$ 0.4370	\$ 0.4478		
88		Block 4	\$ 0.2914	\$ 0.3091		
89						
90		Revenue (\$000)				
91		Block 1 \$	\$ 22,805,174	\$ 22,805,174		
92		Block 2 \$	\$ 52,384,286	\$ 52,733,199		
93		Block 2 \$	\$ 67,885,273	\$ 69,562,987		
94		Block 3 \$	\$ 25,978,407	\$ 27,556,368		
95		Delivery Rev	\$169,053,140	\$172,657,728		
96				Target		
				172,657,692		
		Block 2	\$ (0.0087)	\$ (0.0087)	\$ (0.0122)	\$ (0.0122)
		Block 3	\$ (0.0022)	\$ (0.0022)	\$ (0.0031)	\$ (0.0031)
		Block 4	\$ (0.0015)	\$ (0.0015)	\$ (0.0021)	\$ (0.0021)
		Target	\$ (729,041)	\$ (729,041)	\$ (729,041)	\$ (729,041)
		% of rate	(0.49%)	(0.49%)	(0.68%)	(0.68%)
		Proof	\$ (732,732)	\$ (732,732)	\$ (731,497)	\$ (731,497)

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Delivery Rates	Present Rates	Forecast					Forecast	Forecast		
			7 Months	5 Months	Total RY2	Apr-21	May-21			Jun-21	Jul-21
56	2A	Cust	9,910	9,933	9,920	10,017	9,987	9,936	9,884	9,841	
57		Block 1	186,643	132,093	318,737	27,206	26,832	26,290	25,970	25,795	
58		Block 2	4,305,446	2,812,585	7,118,031	637,409	578,133	547,157	529,194	520,692	
59		Block 3	28,696,790	10,188,943	38,885,732	4,146,883	2,060,887	1,496,614	1,248,088	1,236,471	
60		Block 4	12,104,827	3,680,719	15,785,547	1,642,146	725,248	437,407	426,942	448,976	
61		Sales (Dth)	45,293,706	16,814,341	62,108,047	6,453,644	3,391,100	2,507,467	2,230,194	2,231,935	
62			<i>45,293,706 Check</i>								
63		Tariff Rates									
64		Block 1	\$ 37.66								
65		Block 2	\$ 1.8103								
66		Block 3	\$ 0.3671								
67		Block 4	\$ 0.2359								
68											
69		Revenue (\$000)									
70		Block 1	\$ 2,648,759	\$ 1,896,361	\$ 4,545,120	\$ 382,480	\$ 381,334	\$ 379,387	\$ 377,401	\$ 375,759	
71		Block 2/Block 3	\$ 7,794,149	\$ 4,860,710	\$ 12,301,382	\$ 1,101,571	\$ 999,129	\$ 945,598	\$ 914,553	\$ 899,860	
72			\$ 10,534,591	\$ 3,620,131	\$ 13,816,101	\$ 1,473,388	\$ 732,233	\$ 531,747	\$ 443,446	\$ 439,318	
73		Block 3	\$ 2,855,529	\$ 784,729	\$ 3,365,479	\$ 350,106	\$ 154,623	\$ 93,255	\$ 91,024	\$ 95,722	
74		Delivery Rev	\$23,833,028	\$11,161,932	\$34,028,081	\$3,307,543	\$2,267,320	\$1,949,986	\$1,826,423	\$1,810,660	
75		Target	23,832,386	1,014,284							
76											
77	2B	Cust	49,724	49,839	49,772	50,261	50,109	49,851	49,593	49,379	
78		Block 1	858,101	526,129	1,384,231	143,174	135,643	99,680	76,148	71,484	
79		Block 2	19,713,564	9,855,349	29,568,913	3,486,662	2,473,607	1,511,794	1,200,775	1,182,511	
80		Block 3	112,349,842	42,994,033	155,343,875	17,234,038	9,174,045	6,198,280	5,142,082	5,245,587	
81		Block 4	67,955,501	21,194,832	89,150,333	7,757,585	3,255,866	3,309,746	3,472,422	3,399,213	
82		Sales (Dth)	200,877,009	74,570,343	275,447,352	28,621,459	15,039,161	11,119,501	9,891,427	9,898,795	
83			<i>200,877,009 Check</i>								
84		Tariff Rates									
85		Block 1	\$ 37.66								
86		Block 2	\$ 1.7994								
87		Block 3	\$ 0.4518								
88		Block 4	\$ 0.3119								
89											
90		Revenue (\$000)									
91		Block 1	\$ 13,290,223	\$ 9,514,950	\$ 22,805,174	\$ 1,919,119	\$ 1,913,315	\$ 1,903,464	\$ 1,893,612	\$ 1,885,441	
92		Block 2/Block 3	\$ 35,472,588	\$ 17,459,736	\$ 52,384,286	\$ 6,176,971	\$ 4,382,242	\$ 2,678,295	\$ 2,127,292	\$ 2,094,936	
93			\$ 50,759,659	\$ 18,788,392	\$ 67,885,273	\$ 7,531,275	\$ 4,009,058	\$ 2,708,648	\$ 2,247,090	\$ 2,292,322	
94		Block 3	\$ 21,195,321	\$ 6,176,174	\$ 25,978,407	\$ 2,260,560	\$ 948,759	\$ 964,460	\$ 1,011,864	\$ 990,531	
95		Delivery Rev	\$120,717,791	\$51,939,252	\$169,053,140	\$17,887,924	\$11,253,374	\$8,254,867	\$7,279,858	\$7,263,230	
96		Target	120,718,440	1,008,976							

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	Total		Total			
97						
98	Cust	81	81			
99	Block 1	2,894	2,894			
100	Block 2	476,978	476,978			
101	Block 3	424,042	424,042			
102	Sales (Dth)	903,914	903,914			
103						
104	Tariff Rates					
105	Block 1	\$ 74.66	Same as 3B	\$ 74.66		
106	Block 2	\$ 0.4855	Same as 3B	\$ 0.4899	(0.0022) \$	(0.0030)
107	Block 3	\$ 0.2685	Same as 3B	\$ 0.2894	(0.0013) \$	(0.0018)
108						
109	Revenue (\$000)					
110	Block 1 \$	\$ 73,577		\$ 73,577	-	
111	Block 2 \$	\$ 231,573		\$ 233,671	0.00%	
112	Block 2 \$	\$ 113,855		\$ 122,718	(1,601) \$	(1,567)
113	Delivery Rev	\$419,005		\$429,967		
114				428,732		
115				Target		
116	Cust	1,642	1,642			
117	Block 1	184,602	184,602			
118	Block 2	18,974,947	18,974,947			
119	Block 3	34,000,885	34,000,885			
120	Sales (Dth)	53,160,434	53,160,434			
121						
122	Tariff Rates					
123	Block 1	\$ 74.66		\$ 74.66		
124	Block 2	\$ 0.4855		\$ 0.4899	(0.0022) \$	(0.0030)
125	Block 3	\$ 0.2685		\$ 0.2894	(0.0013) \$	(0.0018)
126						
127	Revenue (\$000)					
128	Block 1 \$	\$ 1,491,684		\$ 1,491,684	(87,096) \$	(87,096)
129	Block 2 \$	\$ 9,212,337		\$ 9,295,826	(0.46%)	(0.61%)
130	Block 2 \$	\$ 9,129,238		\$ 9,839,856	(85,946) \$	(87,006)
131	Delivery Rev	\$19,833,258		\$20,627,367		
132				20,626,781		
				Target		

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Current Rates	Proposed Rates- Full Year	Surcredit Full Year	Surcredit 7 Months
	Total	Total		
133				
134	133	133		
135	15,910	15,910		
136	18,316,136	18,316,136		
137	-	-		
138	18,332,046	18,332,046		
139				
140				
141	\$ 153.35	\$ 153.35		
142	\$ 0.1954	\$ 0.2175		
143				
144				
145	Revenue (\$000)			
146	Block 1 \$	\$ 247,368	\$ -	\$ -
147	Block 2 \$	\$ 3,578,973	\$ 0.00%	0.00%
148	Block 3 \$	\$ -	\$ -	\$ -
149	Delivery Rev	\$3,826,341	\$ -	\$ -
150		\$4,231,128		
151		Target		
		4,230,915		
152	16Sp Cust	61		
153	Block 1	2,028		
154	Block 2	319,249		
155	Block 3	33,299,891		
156	Sales (Dth)	33,621,168		
157				
158	Tariff Rates			
159	Block 1	\$ 230.43	\$ -	\$ -
160	Block 2	\$ 1.6650	\$ -	\$ -
161	Block 3	\$ 0.2833	\$ -	\$ -
162				
163	Revenue (\$000)			
164	Block 1 \$	\$ 171,015	\$ -	\$ -
165	Block 2 \$	\$ 531,549	\$ 0.00%	0.00%
166	Block 3 \$	\$ 9,433,859	\$ -	\$ -
167	Delivery Rev	\$10,136,424	\$ -	\$ -
168		\$10,308,350		
		Target		
		10,308,378		

KeySpan Gas East Corporation d/b/a/ National Grid
Rate Design for RY2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
133							
134	131	131	131	132	134	134	134
135	1,310	1,310	1,310	1,320	1,340	1,340	1,340
136	656,240	826,817	1,480,393	2,239,308	3,044,025	2,907,133	2,205,960
137	-	-	-	-	-	-	-
138	-	-	-	-	-	-	-
139	657,550	828,127	1,481,703	2,240,628	3,045,365	2,908,473	2,207,300
140							
141							
142							
143							
144							
145							
146	\$ 20,368	\$ 20,368	\$ 20,368	\$ 20,523	\$ 20,834	\$ 20,834	\$ 20,834
147	\$ 128,229	\$ 161,560	\$ 289,269	\$ 437,561	\$ 594,803	\$ 568,054	\$ 431,045
148	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
149	\$148,597	\$181,928	\$309,637	\$458,084	\$615,637	\$588,888	\$451,879
150							
151							
152	61	61	61	61	61	61	61
153	154	159	178	179	178	180	179
154	23,598	24,541	27,400	28,621	28,708	28,965	28,686
155	2,986,137	2,670,665	2,595,192	2,711,326	2,832,789	2,799,290	2,670,349
156	-	-	-	-	-	-	-
157	3,009,890	2,695,365	2,622,770	2,740,126	2,861,676	2,828,434	2,699,215
158							
159							
160							
161							
162							
163							
164	\$ 14,251	\$ 14,251	\$ 14,251	\$ 14,251	\$ 14,251	\$ 14,251	\$ 14,251
165	\$ 39,291	\$ 40,861	\$ 45,621	\$ 47,655	\$ 47,799	\$ 48,226	\$ 47,763
166	\$ 845,973	\$ 756,599	\$ 735,218	\$ 768,119	\$ 802,529	\$ 793,039	\$ 756,510
167	\$899,515	\$811,711	\$795,090	\$830,025	\$864,580	\$855,516	\$818,524
168							

KeySpan Gas East Corporation d/b/a/ National Grid
Rate Design for RY2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	Small	Winter	Total	Total		
169						
170	17DG Cust	1	2	2		
171	Block 1		240	240		
172	Block 2	34,051	83,252	83,252		
173	Block 3		-	-		
174	Sales (Dth)		83,492	83,492		
175						
176	Tariff Rates					
177	Block 1		\$ 328.22	\$ 328.22		
178	Block 1 Small		\$ 180.61	\$ 180.61		
179	Block 1-3 (5MW-50MW)		\$949.35	\$ 949.35		
180						
181	Block 2		\$ 0.1330	\$ 0.1455	Block 2 \$ (0.0009) \$ (0.0014)	
182	Block 2 Winter		\$ 0.1710	\$ 0.1870	Block 2 1 \$ (0.0012) \$ (0.0018)	
183	Block 2-3 (5MW-50MW)		\$ 0.0330	\$ 0.0361	Block 3 \$ (0.0002) \$ (0.0004)	
184	Block 2-3 (5MW-50MW) Winter		\$ 0.0450	\$ 0.0492	Block 3 1 \$ (0.0003) \$ (0.0005)	
185						
186	Block 3-3 (5MW-50 Demand	Per MW	\$6,252.00	\$ 6,252.00		
187	Revenue (\$000)					
188	Block 1	Block 1 \$	6,191	6,191	Target \$ (83) \$ (83)	
189	Block 2	Block 2 \$	6,544	7,159	% of rate (0.62%) (0.94%)	
190	Block 2 Winter	Block 2 \$	5,823	6,368	Proof \$ (85) \$ (0)	
191	Delivery Rev		\$18,557	\$19,717		
192						
193				Target		
194	NGV Cust	19	19	19		
195	Block 1	684	684	684		
196	Block 2	6,675,848	6,675,848	6,675,848		
197	Block 3		-	-		
198	Sales (Dth)		6,676,532	6,676,532		
199						
200	Tariff Rates					
201	Block 1		\$ 38.00	\$ 38.00	Block 2 \$ - \$ -	
202	Block 2		\$ 0.6422	\$ 0.5991		
203	Block 3					
204						
205	Revenue (\$000)					
206	Block 1	Block 1 \$	8,784	\$ 8,784	Target \$ - \$ -	
207	Block 2	Block 2 \$	4,287,230	\$ 3,999,501	% of rate 0.00% 0.00%	
208	Block 3	Block 3 \$	-	\$ -	Proof \$ - \$ -	
209	Delivery Rev		\$4,296,014	\$4,008,285		
210				Target		
				4,008,408		

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Delivery Rates 7 Months	Present Rates 5 Months	Forecast					Forecast Aug-21
			Total RY2	Apr-21	May-21	Jun-21	Jul-21	
169	Small Cust	1	1	1	1	1	1	1
170	Cust	1	1	1	1	1	1	1
171	Block 1	140	100	240	20	20	20	20
172	Block 2	34,051	-	34,051				
173	Block 3	14,128	35,073	49,201	6,732	6,352	7,083	7,455
174	Sales (Dth)							
175		48,319	35,173	83,492	6,752	6,372	7,103	7,475
176	Tariff Rates	48,319	Check					
177	Block 1	328.22						
178	Block 1 Small	180.61						
179	Block 1-3 (5MW-50)	949.35						
180								
181	Block 2	0.1531						
182	Block 2 Winter	0.1967						
183	Block 2-3 (5MW-50)	0.0380						
184	Block 2-3 (5MW-50)	0.0518						
185								
186	Block 3-3 (5MW-50)	6,252.00						
187	Revenue (\$000)							
188	Block 1	3,611	2,579	6,191	516	516	516	516
189	Block 2	6,698	-	5,823	-	-	-	-
190	Block 2 Winter	2,163	4,665	6,544	895	845	942	991
191	Delivery Rev	\$12,472	\$7,244	\$18,557	\$1,411	\$1,361	\$1,458	\$1,507
192	Target	12,472	1,051,971					
193								
194	NGV Cust	19	19	19	19	19	19	19
195	Block 1	399	285	684	57	57	57	57
196	Block 2	3,863,490	2,812,358	6,675,848	539,866	509,460	567,932	597,651
197	Block 3	-	-	-	-	-	-	-
198	Sales (Dth)	-	-	-	-	-	-	-
199		3,863,889	2,812,643	6,676,532	539,923	509,517	567,989	597,708
200	Tariff Rates	3,863,889	Check					
201	Block 1	38.00						
202	Block 2	0.5678						
203	Block 3							
204								
205	Revenue (\$000)							
206	Block 1	5,124	3,660	8,784	732	732	732	732
207	Block 2	2,193,690	1,806,096	4,287,230	346,702	327,175	364,726	383,811
208	Block 3	-	-	-	-	-	-	-
209	Delivery Rev	\$2,198,814	\$1,809,756	\$4,296,014	\$347,434	\$327,907	\$365,458	\$384,543
210	Target	2,198,652	0,947,685					

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Forecast Sep-21	Forecast Oct-21	Forecast Nov-21	Forecast Dec-21	Forecast Jan-22	Forecast Feb-22	Forecast Mar-22
169	1	1	1	1	1	1	1
170	1	1	1	1	1	1	1
171	20	20	20	20	20	20	20
172		6,493	6,785	7,086	7,004		6,683
173	7,455	6,673					
174							
175	7,475	6,693	6,513	6,805	7,106	7,024	6,703
176							
177							
178							
179							
180							
181							
182							
183							
184							
185							
186							
187							
188	\$ 516	\$ 516	\$ 516	\$ 516	\$ 516	\$ 516	\$ 516
189	\$ -	\$ -	\$ 1,110	\$ 1,160	\$ 1,212	\$ 1,198	\$ 1,143
190	\$ 991	\$ 888	\$ -	\$ -	\$ -	\$ -	\$ -
191	\$1,507	\$1,403	\$1,626	\$1,676	\$1,728	\$1,714	\$1,659
192							
193							
194	19	19	19	19	19	19	19
195	57	57	57	57	57	57	57
196	597,651	535,192	520,776	544,081	568,218	561,617	535,956
197	-	-	-	-	-	-	-
198	-	-	-	-	-	-	-
199	597,708	535,249	520,833	544,138	568,275	561,674	536,013
200							
201							
202							
203							
204							
205							
206	\$ 732	\$ 732	\$ 732	\$ 732	\$ 732	\$ 732	\$ 732
207	\$ 383,811	\$ 343,700	\$ 334,442	\$ 349,409	\$ 364,910	\$ 360,670	\$ 344,191
208							
209	\$384,543	\$344,432	\$335,174	\$350,141	\$365,642	\$361,402	\$344,923
210							

KeySpan Gas East Corporation d/b/a/ National Grid
 Rate Design for RY2, ending March 31, 2022

Line	Current Rates		Proposed Rates- Full Year		Surcredit Full Year	Surcredit 7 Months
	Tier 1	Tier 2	Total	Total		
211						
212	TCInt Cust		198	198		
213	Block 1	6,391	710	7,101		
214	Block 2	15,037,207	1,670,801	16,708,008		
215	Block 3			-		
216	Sales (Dth)	15,043,598	1,671,511	16,715,109		
217						
218	Tariff Rates					
219	Block 1			\$ 375.00		
220	Block 2 Tier 1			\$ 0.2914		
221	Block 2 Tier 2			\$ 0.2914		
222						
223	Revenue (\$000)					
224	Block 1			\$ 901,854		
225	Block 2 Tier 1			\$ 4,381,842		
226	Block 2 Tier 2			\$ 486,871		
227	Delivery Rev			\$5,770,568		
228				Target		
229	Revenue Present		\$762,398,740	Revenue Prop	\$774,860,809	Surcredit (3,014,971)
230	Sales (Dth)		1,051,695,153	Target	\$774,845,173	Target (3,029,363)

KeySpan Gas East Corporatin d/b/a National Grid
Rate Design for RY3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit Full Year
		Total		Total	
2	IA	Cust	77,983	77,983	
3		Block 1	2,101,211	2,101,211	
4		Block 2	8,582,523	8,582,523	
5		Block 3	4,409,087	4,409,087	
6		Billed Sales (Dth)	15,092,822	15,092,822	
7					
8		Tariff Rates			
9		Block 1	\$ 19.75	\$ 19.75	
10		Block 2	\$ 1.5313	\$ 1.6383	\$ (0.0186)
11		Block 3	\$ 0.3635	\$ 0.3997	\$ (0.0045)
12					
13		Billed Margin (\$000)			
14		Block 1	\$ 18,738,725	\$ 18,738,725	\$ (179,475)
15		Block 2	\$ 13,142,417	\$ 14,060,747	\$ (1.13%)
16		Block 3	\$ 1,602,703	\$ 1,762,312	\$ (179,476)
17		Billed Delivery Rev	\$33,483,846	\$34,561,785	
18				Target	
19				34,561,953	
20	IB	Cust	484,921	484,921	
21		Block 1	17,207,439	17,207,439	
22		Block 2	204,905,280	204,905,280	
23		Block 3	366,711,952	366,711,952	
24		Billed Sales (Dth)	588,824,670	588,824,670	
25					
26		Tariff Rates			
27		Block 1	\$ 21.66	\$ 21.66	
28		Block 2	\$ 1.3022	\$ 1.3582	\$ (0.0093)
29		Block 3	\$ 0.3066	\$ 0.3198	\$ (0.0022)
30					
31		Billed Margin (\$000)			
32		Block 1	\$ 127,791,165	\$ 127,791,165	\$ (2,717,765)
33		Block 2	\$ 266,827,655	\$ 278,302,351	\$ (0.69%)
34		Block 3	\$ 112,433,885	\$ 117,274,482	\$ (2,712,385)
35		Billed Delivery Rev	\$507,052,705	\$523,367,998	
36				Target	
				523,367,072	

Line		Proposed Rates for Rate Year 2	Proposed Rates for Rate Year 3	Surcredit Full Year
		Total	Total	
37				
38	IDG			
39	Cust	8	8	
40	Block 1	294	294	
41	Block 2	15,640	15,640	
42	Block 3	-	-	
43	Billed Sales (Dth)	15,934	15,934	
44	Tariff Rates			
45	Block 1	\$ 33.04	\$ 33.04	
46	Block 2	\$ 0.1678	\$ 0.1798	
47	Block 3			
48				
49	Billed Margin (\$000)			
50	Block 1	\$ 3,283	\$ 3,283	
51	Block 2	\$ 2,624	\$ 2,812	0.00%
52	Block 3	\$ -	\$ -	
53	Billed Delivery Rev	\$5,907	\$6,095	
54			Target 6,096	

KeySpan Gas East Corporatin d/b/a National Grid
Rate Design for RY3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit Full Year
		Total		Total	
55					
56	2A	Cust	9,976	9,976	
57		Block 1	321,288	321,288	
58		Block 2	7,232,594	7,232,594	
59		Block 3	42,048,909	42,048,909	
60		Block 4	17,823,152	17,823,152	
61		Billed Sales (Dth)	67,425,943	67,425,943	
62					
63		Tariff Rates			
64		Block 1	\$ 37.66	\$ 37.66	#
65		Block 2	\$ 1.7848	\$ 1.8504	# Block 2 \$ (0.0109)
66		Block 3	\$ 0.3619	\$ 0.3752	# Block 3 \$ (0.0022)
67		Block 4	\$ 0.2326	\$ 0.2412	# Block 4 \$ (0.0014)
68					
69		Billed Margin (\$000)			
70		Block 1	\$ 4,571,123	\$ 4,571,123	Target \$ (197,483)
71		Block 2/Block 3	\$ 12,908,734	\$ 13,383,192	% of rates (0.59%)
72			\$ 15,217,500	\$ 15,776,751	Proof \$ (196,295)
73		Block 3	\$ 4,145,665	\$ 4,298,944	#
74		Billed Delivery Rev	\$36,843,022	\$38,030,010	
75				Target 38,029,799	
76					
77	2B	Cust	50,057	50,057	
78		Block 1	1,393,895	1,393,895	
79		Block 2	30,288,053	30,288,053	
80		Block 3	166,556,048	166,556,048	
81		Block 4	100,800,692	100,800,692	
82		Billed Sales (Dth)	299,038,688	299,038,688	
83					
84		Tariff Rates			
85		Block 1	\$ 37.66	\$ 37.66	#
86		Block 2	\$ 1.7834	\$ 1.8491	# Block 2 \$ (0.0109)
87		Block 3	\$ 0.4478	\$ 0.4643	# Block 3 \$ (0.0027)
88		Block 4	\$ 0.3091	\$ 0.3205	# Block 4 \$ (0.0019)
89					
90		Billed Margin (\$000)			
91		Block 1	\$ 22,935,836	\$ 22,935,836	Target \$ (979,256)
92		Block 2/Block 3	\$ 54,015,713	\$ 56,005,638	% of rates (0.59%)
93			\$ 74,583,798	\$ 77,331,973	Proof \$ (971,362)
94		Block 3	\$ 31,157,494	\$ 32,306,622	#
95		Billed Delivery Rev	\$182,692,841	\$188,580,069	
96				Target 188,577,804	

KeySpan Gas East Corporatin d/b/a National Grid
Rate Design for RY3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2		Proposed Rates for Rate Year 3		Surcredit Full Year
		Total		Total	
97					
98	3A	Cust	82	82	
99		Block 1	2,912	2,912	
100		Block 2	480,143	480,143	
101		Block 3	428,841	428,841	
102		Billed Sales (Dth)	911,896	911,896	
103					
104		Tariff Rates			
105		Block 1	74.66	74.66	
106		Block 2	0.4899	0.5069	\$ (0.0028)
107		Block 3	0.2894	0.2995	\$ (0.0017)
108					
109		Billed Margin (\$000)			
110		Block 1	74,032	74,032	\$ (2,323)
111		Block 2	235,222	243,385	\$ (0.62%)
112		Block 3	124,107	128,438	\$ (2,073)
113		Billed Delivery Rev	\$433,360	\$445,854	
114				447,343	
115				Target	
116	3B	Cust	1,665	1,665	
117		Block 1	187,542	187,542	
118		Block 2	19,239,299	19,239,299	
119		Block 3	34,445,785	34,445,785	
120		Billed Sales (Dth)	53,872,626	53,872,626	
121					
122		Tariff Rates			
123		Block 1	74.66	74.66	
124		Block 2	0.4899	0.5069	\$ (0.0028)
125		Block 3	0.2894	0.2995	\$ (0.0017)
126					
127		Billed Margin (\$000)			
128		Block 1	1,512,576	1,512,576	\$ (112,067)
129		Block 2	9,425,332	9,752,401	\$ (0.56%)
130		Block 3	9,968,610	10,316,513	\$ (112,428)
131		Billed Delivery Rev	\$20,906,519	\$21,581,490	
132				21,580,943	
				Target	

KeySpan Gas East Corporatin d/b/a National Grid
 Rate Design for RY3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2	Proposed Rates for Rate Year 3	Surcredit Full Year
	Total	Total	
133			
134	133	133	
135	15,990	15,990	
136	19,853,625	19,853,625	
137	-	-	
138	19,869,615	19,869,615	
139			
140			
141	\$ 153.35	\$ 153.35	
142	\$ 0.2175	\$ 0.2250	\$ (0.0012)
143			
144			
145			
146	\$ 248,612	\$ 248,612	\$ (24,491)
147	\$ 4,318,164	\$ 4,467,066	\$ (0.55%)
148	\$ -	\$ -	\$ (23,824)
149	\$4,566,776	\$4,715,678	
150		Target	
151		4,716,348	
152	61	61	
153	2,028	2,028	
154	319,130	319,130	
155	32,787,535	32,787,535	
156	33,108,693	33,108,693	
157			
158			
159	\$ 230.43	\$ 230.43	
160	\$ 1.6820	\$ 1.7372	\$ (0.0092)
161	\$ 0.2883	\$ 0.2978	\$ (0.0016)
162			
163			
164	\$ 171,015	\$ 171,015	\$ (54,465)
165	\$ 536,777	\$ 554,393	\$ (0.53%)
166	\$ 9,452,646	\$ 9,764,128	\$ (55,396)
167	\$10,160,438	\$10,489,536	
168		Target	
		10,488,555	

KeySpan Gas East Corporatin d/b/a National Grid
Rate Design for RY3, ending March 31, 2023

Line	Proposed Rates for Rate Year 2			Proposed Rates for Rate Year 3			Surcredit Full Year
	Small	Winter	Total	Small	Winter	Total	
169							
170	17DG Cust	1	2				
171	Block 1		240			240	
172	Block 2	34,051	81,980			81,980	
173	Block 3		-			-	
174	Billed Sales (Dth)		82,220			82,220	
175							
176	Tariff Rates						
177	Block 1		\$ 328.22			\$ 328.22	
178	Block 1 Small		\$ 180.61			\$ 180.61	
179	Block 1-3 (5MW-50MW)		\$ 949.35			\$ 949.35	
180							
181	Block 2		\$ 0.1455			\$ 0.1524	\$ (0.0011)
182	Block 2 Winter		\$ 0.1870			\$ 0.1958	\$ (0.0015)
183	Block 2-3 (5MW-50MW)		\$ 0.0361			\$ 0.0378	\$ (0.0003)
184	Block 2-3 (5MW-50MW) Winter		\$ 0.0492			\$ 0.0515	\$ (0.0004)
185							
186	Block 3-3 (5MW-50MW)	Per MW	\$ 6,252.00	Per MW		\$ 6,252.00	
187	Billed Margin (\$000)						
188	Block 1		\$ 6,191			\$ 6,191	\$ (105)
189	Block 2		\$ 6,974			\$ 7,304	% of rates (0.75%)
190	Block 2 Winter		\$ 6,368			\$ 6,667	Proof \$ (104)
191	Billed Delivery Rev		\$19,532			\$20,162	
192						20,163	
193							
194	NGV Cust	19	19			19	
195	Block 1		684			684	
196	Block 2		6,574,080			6,574,080	
197	Block 3		-			-	
198	Billed Sales (Dth)		6,574,764			6,574,764	
199							
200	Tariff Rates						
201	Block 1		\$ 38.00			\$ 38.00	
202	Block 2		\$ 0.5991			\$ 0.6184	\$ (0.0032)
203	Block 3						
204							
205	Billed Margin (\$000)						
206	Block 1		\$ 8,784			\$ 8,784	\$ (21,155)
207	Block 2		\$ 3,938,532			\$ 4,065,411	% of rates (0.52%)
208	Block 3		\$ -			\$ -	Proof \$ (21,037)
209	Billed Delivery Rev		\$3,947,316			\$4,074,196	
210						4,073,935	

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Appendix 4
Schedule 3.3
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Line		Stay Out Period		Surcredit Full Year
		Total		
2	1A			
3	Cust	77,983		
4	Block 1	2,101,211		
5	Block 2	8,582,523		
6	Block 3	4,409,087		
7	Sales (Dth)	<u>15,092,822</u>		
8	Tariff Rates			
9	Block 1	\$ 19,75		
10	Block 2	\$ 1.6383	Block 2	\$ -
11	Block 3	\$ 0.3997	Block 3	\$ -
12				
13	Margin (\$000)		Target	\$ -
14	Block 1	\$ 18,738,725		
15	Block 2	\$ 14,060,747		
16	Block 3	\$ 1,762,312		
17	Delivery Rev	<u>\$34,561,785</u>		
18				
19				
20	1B			
21	Cust	484,921		
22	Block 1	17,207,439		
23	Block 2	204,905,280		
24	Block 3	366,711,952		
25	Sales (Dth)	<u>588,824,670</u>		
26	Tariff Rates			
27	Block 1	\$ 21.66		
28	Block 2	\$ 1.3582	Block 2	\$ -
29	Block 3	\$ 0.3198	Block 3	\$ -
30				
31	Margin (\$000)		Target	\$ -
32	Block 1	\$ 127,791,165		
33	Block 2	\$ 278,302,351		
34	Block 3	\$ 117,274,482		
35	Delivery Rev	<u>\$523,367,998</u>		
36				

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

KeySpan Gas East Corporation d/b/a National Grid
 Revenue for Stay Out Period

Line	Stay Out Period	Surcredit
	Total	Full Year
37		
38	Cust	8
39	Block 1	294
40	Block 2	15,640
41	Block 3	-
42	Sales (Dth)	15,934
43		
44	Tariff Rates	
45	Block 1	\$ 33.04
46	Block 2	\$ 0.1798
47	Block 3	Block 2
48		\$ -
49	Margin (\$000)	
50	Block 1	\$ 3,283
51	Block 2	\$ 2,812
52	Block 3	\$ -
53	Delivery Rev	\$6,095
54		

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

KeySpan Gas East Corporatin d/b/a National Grid
Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit Full Year
55			
56	Cust	9,976	
57	Block 1	321,288	
58	Block 2	7,232,594	
59	Block 3	42,048,909	
60	Block 4	17,823,152	
61	Sales (Dth)	<u>67,425,943</u>	
62			
63	Tariff Rates		
64	Block 1	\$ 37.66	
65	Block 2	\$ 1.8504	Block 2 \$ -
66	Block 3	\$ 0.3752	Block 3 \$ -
67	Block 4	\$ 0.2412	Block 4 \$ -
68			
69	Margin (\$000)		
70	Block 1	\$ 4,571,123	Target \$ -
71	Block 2/Block 3	\$ 13,383,192	
72		\$ 15,776,751	
73	Block 3	\$ 4,298,944	
74	Delivery Rev	<u>\$38,030,010</u>	
75			
76			
77	2B		
77	Cust	50,057	
78	Block 1	1,393,895	
79	Block 2	30,288,053	
80	Block 3	166,556,048	
81	Block 4	100,800,692	
82	Sales (Dth)	<u>299,038,688</u>	
83			
84	Tariff Rates		
85	Block 1	\$ 37.66	
86	Block 2	\$ 1.8491	Block 2 \$ -
87	Block 3	\$ 0.4643	Block 3 \$ -
88	Block 4	\$ 0.3205	Block 4 \$ -
89			
90	Margin (\$000)		
91	Block 1	\$ 22,935,836	Target \$ -
92	Block 2/Block 3	\$ 56,005,638	
93		\$ 77,331,973	
94	Block 3	\$ 32,306,622	
95	Delivery Rev	<u>\$188,580,069</u>	
96			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

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Appendix 4
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KeySpan Gas East Corporatin d/b/a National Grid
Revenue for Stay Out Period

Line	Stay Out Period		Surcredit Full Year
	Total		
97			
98	Cust	82	
99	Block 1	2,912	
100	Block 2	480,143	
101	Block 3	428,841	
102	Sales (Dth)	911,896	
103			
104	Tariff Rates		
105	Block 1	\$ 74.66	
106	Block 2	\$ 0.5069	\$ -
107	Block 3	\$ 0.2995	\$ -
108			
109	Margin (\$000)		
110	Block 1	\$ 74,032	\$ -
111	Block 2	\$ 243,385	
112	Block 3	\$ 128,438	
113	Delivery Rev	\$445,854	
114			
115			
116	Cust	1,665	
117	Block 1	187,542	
118	Block 2	19,239,299	
119	Block 3	34,445,785	
120	Sales (Dth)	53,872,626	
121			
122	Tariff Rates		
123	Block 1	\$ 74.66	
124	Block 2	\$ 0.5069	\$ -
125	Block 3	\$ 0.2995	\$ -
126			
127	Margin (\$000)		
128	Block 1	\$ 1,512,576	\$ -
129	Block 2	\$ 9,752,401	
130	Block 3	\$ 10,316,513	
131	Delivery Rev	\$21,581,490	
132			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

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Appendix 4
Schedule 3.3
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KeySpan Gas East Corporatin d/b/a National Grid
Revenue for Stay Out Period

Line	Stay Out Period	Total	Surcredit Full Year
133			
134	15HJ Cust	133	
135	Block 1	15,990	
136	Block 2	19,853,625	
137	Block 3	-	
138	Sales (Dth)	<u>19,869,615</u>	
139			
140	Tariff Rates		
141	Block 1	\$ 153.35	
142	Block 2	\$ 0.2250	Block 2 \$ -
143	Block 3		
144			
145	Margin (\$000)		
146	Block 1	\$ 248,612	Target \$ -
147	Block 2	\$ 4,467,066	
148	Block 3	\$ -	
149	Delivery Rev	<u>\$4,715,678</u>	
150			
151			
152	16Sp Cust	61	
153	Block 1	2,028	
154	Block 2	319,130	
155	Block 3	32,787,535	
156	Sales (Dth)	<u>33,108,693</u>	
157			
158	Tariff Rates		
159	Block 1	\$ 230.43	
160	Block 2	\$ 1.7372	Block 2 \$ -
161	Block 3	\$ 0.2978	Block 3 \$ -
162			
163	Margin (\$000)		
164	Block 1	\$ 171,015	Target \$ -
165	Block 2	\$ 554,393	
166	Block 3	\$ 9,764,128	
167	Delivery Rev	<u>\$10,489,536</u>	
168			

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

KeySpan Gas East Corporatin d/b/a National Grid
Revenue for Stay Out Period

Line	Stay Out Period			Surcredit Full Year
	Small	Winter	Total	
169				
170	17DG Cust	1	2	
171	Block 1		240	
172	Block 2	34,051	81,980	
173	Block 3		-	
174	Sales (Dth)		82,220	
175				
176	Tariff Rates			
177	Block 1		\$ 328.22	
178	Block 1 Small		\$ 180.61	
179	Block 1-3 (5MW-50MW)		\$ 949.35	
180				
181	Block 2		\$ 0.1524	Block 2 \$ -
182	Block 2 Winter		\$ 0.1958	Block 2 Winter \$ -
183	Block 2-3 (5MW-50MW)		\$ 0.0378	Block 3 \$ -
184	Block 2-3 (5MW-50MW) Winter		\$ 0.0515	Block 3 Winter \$ -
185				
186	Block 3-3 (5MW-50MW)	Per MW	\$ 6,252.00	
187	Margin (\$000)			
188	Block 1		\$ 6,191	Target \$ -
189	Block 2		\$ 7,304	
190	Block 2 Winter		\$ 6,667	
191	Delivery Rev		\$20,162	
192				
193				
194	NGV Cust	19		
195	Block 1		684	
196	Block 2		6,574,080	
197	Block 3		-	
198	Sales (Dth)		6,574,764	
199				
200	Tariff Rates			
201	Block 1		\$ 38.00	
202	Block 2		\$ 0.6184	Block 2 \$ -
203	Block 3			
204				
205	Margin (\$000)			
206	Block 1		\$ 8,784	Target \$ -
207	Block 2		\$ 4,065,411	
208	Block 3		\$ -	
209	Delivery Rev		\$4,074,196	
210				

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

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 Appendix 4
 Schedule 3.3
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KeySpan Gas East Corporatin d/b/a National Grid
 Revenue for Stay Out Period

Line	Stay Out Period		Total	Surcredit Full Year
	Tier 1	Tier 2		
211				
212			184	
213	5,932	659	6,591	
214	14,226,993	1,580,777	15,807,769	
215			-	
216	14,232,924	1,581,436	15,814,360	
217				
218				
219			375.00	
220			0.1614	
221			0.1290	
222				
223				
224			837,219	
225			2,296,237	
226			203,920	
227			\$3,337,376	
228				
229			\$829,210,248	-
230			1,100,632,231	-

Note: Sales and customers, and rates, are the same as RY3 (year ending March 31, 2023) rates, and no surcredit.

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1A - Residential Non Heat
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
0	\$21.76	\$21.76	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$21.76	\$21.76	\$0.00	0.00%
1	\$21.70	\$21.77	\$0.08	0.35%	\$0.43	\$0.44	\$0.01	1.19%	\$22.13	\$22.21	\$0.08	0.36%
2	\$21.64	\$21.79	\$0.15	0.70%	\$0.87	\$0.88	\$0.01	1.19%	\$22.50	\$22.67	\$0.16	0.72%
3	\$21.57	\$21.80	\$0.23	1.05%	\$1.30	\$1.32	\$0.02	1.19%	\$22.88	\$23.12	\$0.24	1.06%
6	\$25.83	\$26.68	\$0.85	3.28%	\$2.60	\$2.63	\$0.03	1.19%	\$28.44	\$29.32	\$0.88	3.09%
8	\$28.67	\$29.94	\$1.26	4.41%	\$3.47	\$3.51	\$0.04	1.19%	\$32.14	\$33.45	\$1.31	4.06%
10	\$31.51	\$33.19	\$1.68	5.33%	\$4.34	\$4.39	\$0.05	1.19%	\$35.85	\$37.58	\$1.73	4.83%
15	\$38.61	\$41.33	\$2.72	7.04%	\$6.51	\$6.59	\$0.08	1.19%	\$45.12	\$47.91	\$2.79	6.19%
Average	\$40.03	\$42.95	\$2.92	7.30%	\$6.94	\$7.03	\$0.08	1.19%	\$46.97	\$49.98	\$3.01	6.40%
20	\$45.71	\$49.46	\$3.75	8.21%	\$8.68	\$8.78	\$0.10	1.19%	\$54.39	\$58.24	\$3.86	7.09%
25	\$52.81	\$57.60	\$4.79	9.07%	\$10.85	\$10.98	\$0.13	1.19%	\$63.65	\$68.58	\$4.92	7.73%
30	\$59.90	\$65.73	\$5.83	9.73%	\$13.02	\$13.17	\$0.16	1.19%	\$72.92	\$78.91	\$5.98	8.21%
35	\$67.00	\$73.87	\$6.87	10.25%	\$15.19	\$15.37	\$0.18	1.19%	\$82.19	\$89.24	\$7.05	8.58%
40	\$74.10	\$82.00	\$7.90	10.67%	\$17.36	\$17.57	\$0.21	1.19%	\$91.46	\$99.57	\$8.11	8.87%
45	\$81.20	\$90.14	\$8.94	11.01%	\$19.53	\$19.76	\$0.23	1.19%	\$100.73	\$109.90	\$9.18	9.11%
50	\$88.30	\$98.28	\$9.98	11.30%	\$21.70	\$21.96	\$0.26	1.19%	\$110.00	\$120.23	\$10.24	9.31%
55	\$89.74	\$100.26	\$10.51	11.72%	\$23.87	\$24.15	\$0.28	1.19%	\$113.61	\$124.41	\$10.80	9.51%
60	\$91.19	\$102.24	\$11.05	12.12%	\$26.04	\$26.35	\$0.31	1.19%	\$117.23	\$128.58	\$11.36	9.69%
65	\$92.63	\$104.21	\$11.58	12.50%	\$28.21	\$28.54	\$0.34	1.19%	\$120.84	\$132.76	\$11.92	9.86%
70	\$94.08	\$106.19	\$12.12	12.88%	\$30.38	\$30.74	\$0.36	1.19%	\$124.45	\$136.93	\$12.48	10.03%
75	\$95.52	\$108.17	\$12.65	13.24%	\$32.55	\$32.94	\$0.39	1.19%	\$128.07	\$141.11	\$13.04	10.18%
80	\$96.97	\$110.15	\$13.18	13.60%	\$34.72	\$35.13	\$0.41	1.19%	\$131.68	\$145.28	\$13.60	10.33%
85	\$98.41	\$112.13	\$13.72	13.94%	\$36.89	\$37.33	\$0.44	1.19%	\$135.30	\$149.46	\$14.16	10.46%
90	\$99.86	\$114.11	\$14.25	14.27%	\$39.06	\$39.52	\$0.47	1.19%	\$138.91	\$153.63	\$14.72	10.60%
95	\$101.30	\$116.09	\$14.79	14.60%	\$41.23	\$41.72	\$0.49	1.19%	\$142.53	\$157.81	\$15.28	10.72%
100	\$102.75	\$118.07	\$15.32	14.91%	\$43.40	\$43.91	\$0.52	1.19%	\$146.14	\$161.98	\$15.84	10.84%
125	\$109.97	\$127.96	\$17.99	16.36%	\$54.25	\$54.89	\$0.65	1.19%	\$164.22	\$182.86	\$18.64	11.35%
150	\$117.20	\$137.86	\$20.66	17.63%	\$65.09	\$65.87	\$0.78	1.19%	\$182.29	\$203.73	\$21.44	11.76%
175	\$124.42	\$147.76	\$23.33	18.75%	\$75.94	\$76.85	\$0.91	1.19%	\$200.37	\$224.61	\$24.24	12.10%
200	\$131.65	\$157.65	\$26.00	19.75%	\$86.79	\$87.83	\$1.04	1.19%	\$218.44	\$245.48	\$27.04	12.38%
225	\$138.87	\$167.55	\$28.67	20.65%	\$97.64	\$98.81	\$1.17	1.19%	\$236.52	\$266.35	\$29.84	12.62%
250	\$146.10	\$177.44	\$31.34	21.45%	\$108.49	\$109.79	\$1.29	1.19%	\$254.59	\$287.23	\$32.64	12.82%
275	\$153.32	\$187.34	\$34.02	22.19%	\$119.34	\$120.76	\$1.42	1.19%	\$272.66	\$308.10	\$35.44	13.00%
300	\$160.55	\$197.24	\$36.69	22.85%	\$130.19	\$131.74	\$1.55	1.19%	\$290.74	\$328.98	\$38.24	13.15%
350	\$175.00	\$217.03	\$42.03	24.02%	\$151.89	\$153.70	\$1.81	1.19%	\$326.89	\$370.73	\$43.84	13.41%
400	\$189.45	\$236.82	\$47.37	25.00%	\$173.59	\$175.66	\$2.07	1.19%	\$363.04	\$412.48	\$49.44	13.62%
450	\$203.90	\$256.61	\$52.71	25.85%	\$195.28	\$197.61	\$2.33	1.19%	\$399.18	\$454.22	\$55.04	13.79%
500	\$218.35	\$276.40	\$58.05	26.59%	\$216.98	\$219.57	\$2.59	1.19%	\$435.33	\$495.97	\$60.64	13.93%
600	\$247.25	\$315.99	\$68.73	27.80%	\$260.38	\$263.49	\$3.11	1.19%	\$507.63	\$579.47	\$71.84	14.15%
700	\$276.15	\$355.57	\$79.42	28.76%	\$303.78	\$307.40	\$3.63	1.19%	\$579.93	\$662.97	\$83.04	14.32%
850	\$319.50	\$414.94	\$95.44	29.87%	\$368.87	\$373.27	\$4.40	1.19%	\$688.37	\$788.22	\$99.84	14.50%
1,000	\$362.86	\$474.32	\$111.46	30.72%	\$433.97	\$439.14	\$5.18	1.19%	\$796.82	\$913.46	\$116.64	14.64%
1,250	\$435.11	\$573.28	\$138.17	31.76%	\$542.46	\$548.93	\$6.47	1.19%	\$977.56	\$1,122.21	\$144.64	14.80%
1,500	\$507.36	\$672.23	\$164.88	32.50%	\$650.95	\$658.72	\$7.77	1.19%	\$1,158.31	\$1,330.95	\$172.64	14.90%
1,750	\$579.61	\$771.19	\$191.58	33.05%	\$759.44	\$768.50	\$9.06	1.19%	\$1,339.05	\$1,539.70	\$200.64	14.98%
2,000	\$651.86	\$870.15	\$218.29	33.49%	\$867.93	\$878.29	\$10.36	1.19%	\$1,519.79	\$1,748.44	\$228.65	15.04%
3,000	\$940.87	\$1,265.98	\$325.11	34.55%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,242.77	\$2,583.42	\$340.65	15.19%
5,000	\$1,518.89	\$2,057.65	\$538.76	35.47%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,688.72	\$4,253.37	\$564.66	15.31%

	FY 21	FY 22	Difference	Change
First 3 or Less		\$19.75	\$19.75	0.00%
Next 47 Therms per Therm	\$1.435400	\$1.563400	\$0.128	8.92%
Over 50 Therms per Therm	\$0.340700	\$0.371200	\$0.031	8.95%
Billing & Payment Processing	\$1.320000	\$1.320000	\$0.000	0.00%
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Revenue Decoupling Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Leak Prone Pipe Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Electric Generator Revenue	\$0.000000	\$0.000000	\$0.000	0.00%
TC/IT Revenue Surcharge / Credit	\$0.000000	\$0.000000	\$0.000	0.00%
Gas Safety and Reliability Surcharge	\$0.000000	\$0.000000	\$0.000	0.00%
Tax Reform	-\$0.078400	\$0.000000	\$0.078	-100.00%
NY Facilities System Surcharge / Surcredit	\$0.000000	\$0.000000	\$0.000	0.00%
Earning Adjustment Mechanism	\$0.000000	\$0.000000	\$0.000	0.00%
Non Labor Demand Response O&M Cost	\$0.000000	\$0.000000	\$0.000	0.00%
Demand Capacity Surcharge Mechanism	\$0.000000	\$0.012048	\$0.012	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms	\$0.000000	\$0.000000	\$0.000	0.00%
Clean Energy Fund	\$0.002000	\$0.000000	(\$0.002)	-100.00%
Energy Efficiency Surcharge	\$0.015520	\$0.000000	(\$0.016)	-100.00%
Monthly Cost of Gas	\$0.415854	\$0.425474	\$0.010	2.31%
Merchant Function Charge	\$0.012978	\$0.008476	(\$0.005)	-34.69%
GRT on Delivery	3.093000%	3.093000%	\$0.000	0.00%
GRT on Supply	1.010000%	1.010000%	\$0.000	0.00%
MTA on Delivery	0.185000%	0.185000%	\$0.000	0.00%
MTA on Supply	0.185000%	0.185000%	\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1AR - Non Heat Reduced Rate (Tier 1)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$18.66	\$18.66	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$18.66	\$18.66	\$0.00	0.00%	
1	\$18.60	\$18.68	\$0.08	0.40%	\$0.43	\$0.44	\$0.01	1.19%	\$19.03	\$19.11	\$0.08	0.42%	
2	\$18.54	\$18.69	\$0.15	0.81%	\$0.87	\$0.88	\$0.01	1.19%	\$19.41	\$19.57	\$0.16	0.83%	
3	\$18.47	\$18.70	\$0.23	1.22%	\$1.30	\$1.32	\$0.02	1.19%	\$19.78	\$20.02	\$0.24	1.22%	
6	\$22.73	\$23.58	\$0.85	3.73%	\$2.60	\$2.63	\$0.03	1.19%	\$25.34	\$26.22	\$0.88	3.47%	
8	\$25.57	\$26.84	\$1.26	4.94%	\$3.47	\$3.51	\$0.04	1.19%	\$29.04	\$30.35	\$1.31	4.49%	
10	\$28.41	\$30.09	\$1.68	5.91%	\$4.34	\$4.39	\$0.05	1.19%	\$32.75	\$34.48	\$1.73	5.28%	
Average	11	\$29.83	\$31.72	\$1.89	6.32%	\$4.77	\$4.83	\$0.06	1.19%	\$34.61	\$36.55	\$1.94	5.62%
15	\$35.51	\$38.23	\$2.72	7.65%	\$6.51	\$6.59	\$0.08	1.19%	\$42.02	\$44.81	\$2.79	6.65%	
20	\$42.61	\$46.36	\$3.75	8.81%	\$8.68	\$8.78	\$0.10	1.19%	\$51.29	\$55.15	\$3.86	7.52%	
25	\$49.71	\$54.50	\$4.79	9.64%	\$10.85	\$10.98	\$0.13	1.19%	\$60.56	\$65.48	\$4.92	8.13%	
30	\$56.81	\$62.63	\$5.83	10.26%	\$13.02	\$13.17	\$0.16	1.19%	\$69.82	\$75.81	\$5.98	8.57%	
35	\$63.90	\$70.77	\$6.87	10.75%	\$15.19	\$15.37	\$0.18	1.19%	\$79.09	\$86.14	\$7.05	8.91%	
40	\$71.00	\$78.91	\$7.90	11.13%	\$17.36	\$17.57	\$0.21	1.19%	\$88.36	\$96.47	\$8.11	9.18%	
45	\$78.10	\$87.04	\$8.94	11.45%	\$19.53	\$19.76	\$0.23	1.19%	\$97.63	\$106.80	\$9.18	9.40%	
50	\$85.20	\$95.18	\$9.98	11.71%	\$21.70	\$21.96	\$0.26	1.19%	\$106.90	\$117.14	\$10.24	9.58%	
55	\$86.64	\$97.16	\$10.51	12.13%	\$23.87	\$24.15	\$0.28	1.19%	\$110.51	\$121.31	\$10.80	9.77%	
60	\$88.09	\$99.14	\$11.05	12.54%	\$26.04	\$26.35	\$0.31	1.19%	\$114.13	\$125.49	\$11.36	9.95%	
65	\$89.53	\$101.12	\$11.58	12.94%	\$28.21	\$28.54	\$0.34	1.19%	\$117.74	\$129.66	\$11.92	10.12%	
70	\$90.98	\$103.09	\$12.12	13.32%	\$30.38	\$30.74	\$0.36	1.19%	\$121.36	\$133.83	\$12.48	10.28%	
75	\$92.42	\$105.07	\$12.65	13.69%	\$32.55	\$32.94	\$0.39	1.19%	\$124.97	\$138.01	\$13.04	10.43%	
80	\$93.87	\$107.05	\$13.18	14.05%	\$34.72	\$35.13	\$0.41	1.19%	\$128.59	\$142.18	\$13.60	10.58%	
85	\$95.31	\$109.03	\$13.72	14.39%	\$36.89	\$37.33	\$0.44	1.19%	\$132.20	\$146.36	\$14.16	10.71%	
90	\$96.76	\$111.01	\$14.25	14.73%	\$39.06	\$39.52	\$0.47	1.19%	\$135.82	\$150.53	\$14.72	10.84%	
95	\$98.20	\$112.99	\$14.79	15.06%	\$41.23	\$41.72	\$0.49	1.19%	\$139.43	\$154.71	\$15.28	10.96%	
100	\$99.65	\$114.97	\$15.32	15.37%	\$43.40	\$43.91	\$0.52	1.19%	\$143.05	\$158.88	\$15.84	11.07%	
125	\$106.87	\$124.87	\$17.99	16.83%	\$54.25	\$54.89	\$0.65	1.19%	\$161.12	\$179.76	\$18.64	11.57%	
150	\$114.10	\$134.76	\$20.66	18.11%	\$65.09	\$65.87	\$0.78	1.19%	\$179.19	\$200.63	\$21.44	11.96%	
175	\$121.32	\$144.66	\$23.33	19.23%	\$75.94	\$76.85	\$0.91	1.19%	\$197.27	\$221.51	\$24.24	12.29%	
200	\$128.55	\$154.55	\$26.00	20.23%	\$86.79	\$87.83	\$1.04	1.19%	\$215.34	\$242.38	\$27.04	12.56%	
225	\$135.78	\$164.45	\$28.67	21.12%	\$97.64	\$98.81	\$1.17	1.19%	\$233.42	\$263.26	\$29.84	12.78%	
250	\$143.00	\$174.34	\$31.34	21.92%	\$108.49	\$109.79	\$1.29	1.19%	\$251.49	\$284.13	\$32.64	12.98%	
275	\$150.23	\$184.24	\$34.02	22.64%	\$119.34	\$120.76	\$1.42	1.19%	\$269.57	\$305.01	\$35.44	13.15%	
300	\$157.45	\$194.14	\$36.69	23.30%	\$130.19	\$131.74	\$1.55	1.19%	\$287.64	\$325.88	\$38.24	13.29%	
350	\$171.90	\$213.93	\$42.03	24.45%	\$151.89	\$153.70	\$1.81	1.19%	\$323.79	\$367.63	\$43.84	13.54%	
FY 21					FY 22						Difference	Change	
First 3 or Less				\$16.75				\$16.75			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.435400				\$1.563400			\$0.128	8.92%	
Over 50 Therms per Therm				\$0.340700				\$0.371200			\$0.031	8.95%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.078400				\$0.000000			\$0.078	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.012048			\$0.012	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.002000				\$0.000000			(\$0.002)	-100.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	-100.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.

In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are five Energy Affordability Credit tiers.

The Heating customers Tiers : Tier 1: \$23.00, Tier 2: \$45.00, Tier 3: \$66.00, Tier 4: \$52.00, Tier 5: \$23.00

The Non-Heating customers Tiers : Tier 1-Tier 5: \$3.00

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1B - Residential Heat
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$23.73	\$23.73	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$23.73	\$23.73	\$0.00	0.00%	
1	\$23.71	\$23.75	\$0.03	0.14%	\$0.43	\$0.44	\$0.01	1.19%	\$24.15	\$24.19	\$0.04	0.16%	
2	\$23.69	\$23.76	\$0.07	0.28%	\$0.87	\$0.88	\$0.01	1.19%	\$24.56	\$24.64	\$0.08	0.32%	
3	\$23.67	\$23.77	\$0.10	0.43%	\$1.30	\$1.32	\$0.02	1.19%	\$24.97	\$25.09	\$0.12	0.47%	
6	\$27.59	\$27.85	\$0.26	0.93%	\$2.60	\$2.63	\$0.03	1.19%	\$30.19	\$30.48	\$0.29	0.96%	
8	\$30.20	\$30.56	\$0.36	1.20%	\$3.47	\$3.51	\$0.04	1.19%	\$33.67	\$34.07	\$0.40	1.20%	
10	\$32.81	\$33.28	\$0.47	1.42%	\$4.34	\$4.39	\$0.05	1.19%	\$37.15	\$37.67	\$0.52	1.40%	
15	\$39.34	\$40.07	\$0.73	1.85%	\$6.51	\$6.59	\$0.08	1.19%	\$45.85	\$46.65	\$0.81	1.76%	
20	\$45.86	\$46.85	\$0.99	2.16%	\$8.68	\$8.78	\$0.10	1.19%	\$54.54	\$55.64	\$1.09	2.00%	
25	\$52.39	\$53.64	\$1.25	2.39%	\$10.85	\$10.98	\$0.13	1.19%	\$63.24	\$64.62	\$1.38	2.18%	
30	\$58.92	\$60.43	\$1.51	2.56%	\$13.02	\$13.17	\$0.16	1.19%	\$71.94	\$73.60	\$1.67	2.32%	
35	\$65.45	\$67.22	\$1.77	2.71%	\$15.19	\$15.37	\$0.18	1.19%	\$80.63	\$82.59	\$1.95	2.42%	
40	\$71.97	\$74.01	\$2.03	2.83%	\$17.36	\$17.57	\$0.21	1.19%	\$89.33	\$91.57	\$2.24	2.51%	
45	\$78.50	\$80.79	\$2.29	2.92%	\$19.53	\$19.76	\$0.23	1.19%	\$98.03	\$100.56	\$2.53	2.58%	
50	\$85.03	\$87.58	\$2.56	3.01%	\$21.70	\$21.96	\$0.26	1.19%	\$106.72	\$109.54	\$2.81	2.64%	
55	\$86.44	\$89.23	\$2.79	3.23%	\$23.87	\$24.15	\$0.28	1.19%	\$110.31	\$113.38	\$3.07	2.79%	
60	\$87.85	\$90.88	\$3.02	3.44%	\$26.04	\$26.35	\$0.31	1.19%	\$113.89	\$117.23	\$3.33	2.93%	
65	\$89.27	\$92.53	\$3.26	3.65%	\$28.21	\$28.54	\$0.34	1.19%	\$117.48	\$121.07	\$3.59	3.06%	
70	\$90.68	\$94.17	\$3.49	3.85%	\$30.38	\$30.74	\$0.36	1.19%	\$121.06	\$124.91	\$3.85	3.18%	
75	\$92.10	\$95.82	\$3.72	4.04%	\$32.55	\$32.94	\$0.39	1.19%	\$124.64	\$128.76	\$4.11	3.30%	
80	\$93.51	\$97.47	\$3.96	4.23%	\$34.72	\$35.13	\$0.41	1.19%	\$128.23	\$132.60	\$4.37	3.41%	
85	\$94.92	\$99.12	\$4.19	4.42%	\$36.89	\$37.33	\$0.44	1.19%	\$131.81	\$136.44	\$4.63	3.51%	
90	\$96.34	\$100.76	\$4.43	4.59%	\$39.06	\$39.52	\$0.47	1.19%	\$135.40	\$140.29	\$4.89	3.61%	
95	\$97.75	\$102.41	\$4.66	4.77%	\$41.23	\$41.72	\$0.49	1.19%	\$138.98	\$144.13	\$5.15	3.71%	
100	\$99.17	\$104.06	\$4.89	4.93%	\$43.40	\$43.91	\$0.52	1.19%	\$142.56	\$147.97	\$5.41	3.80%	
Average	102	\$99.73	\$104.72	\$4.99	5.00%	\$44.26	\$44.79	\$0.53	1.19%	\$144.00	\$149.51	\$5.51	3.83%
125	\$106.24	\$112.30	\$6.06	5.71%	\$54.25	\$54.89	\$0.65	1.19%	\$160.48	\$167.19	\$6.71	4.18%	
150	\$113.31	\$120.54	\$7.23	6.38%	\$65.09	\$65.87	\$0.78	1.19%	\$178.40	\$186.41	\$8.01	4.49%	
175	\$120.38	\$128.78	\$8.40	6.98%	\$75.94	\$76.85	\$0.91	1.19%	\$196.32	\$205.63	\$9.31	4.74%	
200	\$127.45	\$137.01	\$9.57	7.51%	\$86.79	\$87.83	\$1.04	1.19%	\$214.24	\$224.84	\$10.60	4.95%	
225	\$134.51	\$145.25	\$10.74	7.98%	\$97.64	\$98.81	\$1.17	1.19%	\$232.16	\$244.06	\$11.90	5.13%	
250	\$141.58	\$153.49	\$11.91	8.41%	\$108.49	\$109.79	\$1.29	1.19%	\$250.08	\$263.28	\$13.20	5.28%	
275	\$148.65	\$161.73	\$13.07	8.80%	\$119.34	\$120.76	\$1.42	1.19%	\$267.99	\$282.49	\$14.50	5.41%	
300	\$155.72	\$169.97	\$14.24	9.15%	\$130.19	\$131.74	\$1.55	1.19%	\$285.91	\$301.71	\$15.80	5.53%	
350	\$169.86	\$186.45	\$16.58	9.76%	\$151.89	\$153.70	\$1.81	1.19%	\$321.75	\$340.15	\$18.39	5.72%	
400	\$184.00	\$202.92	\$18.92	10.28%	\$173.59	\$175.66	\$2.07	1.19%	\$357.59	\$378.58	\$20.99	5.87%	
450	\$198.14	\$219.40	\$21.26	10.73%	\$195.28	\$197.61	\$2.33	1.19%	\$393.43	\$417.01	\$23.59	6.00%	
500	\$212.28	\$235.88	\$23.59	11.11%	\$216.98	\$219.57	\$2.59	1.19%	\$429.27	\$455.45	\$26.18	6.10%	
600	\$240.56	\$268.83	\$28.27	11.75%	\$260.38	\$263.49	\$3.11	1.19%	\$500.94	\$532.32	\$31.38	6.26%	
700	\$268.84	\$301.79	\$32.94	12.25%	\$303.78	\$307.40	\$3.63	1.19%	\$572.62	\$609.19	\$36.57	6.39%	
850	\$311.26	\$351.22	\$39.96	12.84%	\$368.87	\$373.27	\$4.40	1.19%	\$680.13	\$724.49	\$44.36	6.52%	
1,000	\$353.68	\$400.65	\$46.97	13.28%	\$433.97	\$439.14	\$5.18	1.19%	\$787.64	\$839.79	\$52.15	6.62%	
1,250	\$424.38	\$483.03	\$58.66	13.82%	\$542.46	\$548.93	\$6.47	1.19%	\$966.83	\$1,031.96	\$65.13	6.74%	
1,500	\$495.07	\$565.42	\$70.35	14.21%	\$650.95	\$658.72	\$7.77	1.19%	\$1,146.02	\$1,224.14	\$78.12	6.82%	
1,750	\$565.77	\$647.81	\$82.04	14.50%	\$759.44	\$768.50	\$9.06	1.19%	\$1,325.21	\$1,416.31	\$91.10	6.87%	
2,000	\$636.47	\$730.19	\$93.72	14.73%	\$867.93	\$878.29	\$10.36	1.19%	\$1,504.40	\$1,608.48	\$104.08	6.92%	
3,000	\$919.26	\$1,059.74	\$140.48	15.28%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,221.16	\$2,377.17	\$156.01	7.02%	
5,000	\$1,484.84	\$1,718.82	\$233.98	15.76%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,654.67	\$3,914.54	\$259.88	7.11%	
10,000	\$2,898.80	\$3,366.54	\$467.75	16.14%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$7,238.45	\$7,757.98	\$519.53	7.18%	
15,000	\$4,312.75	\$5,014.26	\$701.51	16.27%	\$6,509.48	\$6,587.16	\$77.68	1.19%	\$10,822.23	\$11,601.42	\$779.19	7.20%	
20,000	\$5,726.70	\$6,661.98	\$935.27	16.33%	\$8,679.30	\$8,782.88	\$103.57	1.19%	\$14,406.01	\$15,444.85	\$1,038.85	7.21%	
FY 21					FY 22						Difference	Change	
First 3 or Less				\$21.66				\$21.66			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.283900				\$1.301900			\$0.018	1.40%	
Over 50 Therms per Therm				\$0.293800				\$0.306500			\$0.013	4.32%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.035600				\$0.000000			\$0.036	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.012566			\$0.013	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000080				\$0.000000			(\$0.000)	-100.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	-100.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1 BR - Heat Reduced Rate (Tier 1)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	-\$0.02	-\$0.02	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	-\$0.02	-\$0.02	\$0.00	0.00%	
1	-\$0.04	-\$0.01	\$0.03	-81.42%	\$0.43	\$0.44	\$0.01	1.19%	\$0.39	\$0.43	\$0.04	9.89%	
2	-\$0.06	\$0.01	\$0.07	-108.55%	\$0.87	\$0.88	\$0.01	1.19%	\$0.81	\$0.88	\$0.08	9.63%	
3	-\$0.08	\$0.02	\$0.10	-122.12%	\$1.30	\$1.32	\$0.02	1.19%	\$1.22	\$1.34	\$0.12	9.55%	
6	\$3.83	\$4.09	\$0.26	6.72%	\$2.60	\$2.63	\$0.03	1.19%	\$6.44	\$6.73	\$0.29	4.48%	
8	\$6.44	\$6.81	\$0.36	5.62%	\$3.47	\$3.51	\$0.04	1.19%	\$9.92	\$10.32	\$0.40	4.07%	
10	\$9.06	\$9.52	\$0.47	5.15%	\$4.34	\$4.39	\$0.05	1.19%	\$13.39	\$13.91	\$0.52	3.87%	
15	\$15.58	\$16.31	\$0.73	4.67%	\$6.51	\$6.59	\$0.08	1.19%	\$22.09	\$22.90	\$0.81	3.65%	
20	\$22.11	\$23.10	\$0.99	4.47%	\$8.68	\$8.78	\$0.10	1.19%	\$30.79	\$31.88	\$1.09	3.55%	
25	\$28.64	\$29.89	\$1.25	4.36%	\$10.85	\$10.98	\$0.13	1.19%	\$39.49	\$40.86	\$1.38	3.49%	
30	\$35.16	\$36.67	\$1.51	4.30%	\$13.02	\$13.17	\$0.16	1.19%	\$48.18	\$49.85	\$1.67	3.46%	
35	\$41.69	\$43.46	\$1.77	4.25%	\$15.19	\$15.37	\$0.18	1.19%	\$56.88	\$58.83	\$1.95	3.43%	
40	\$48.22	\$50.25	\$2.03	4.22%	\$17.36	\$17.57	\$0.21	1.19%	\$65.58	\$67.82	\$2.24	3.42%	
45	\$54.74	\$57.04	\$2.29	4.19%	\$19.53	\$19.76	\$0.23	1.19%	\$74.27	\$76.80	\$2.53	3.40%	
50	\$61.27	\$63.83	\$2.56	4.17%	\$21.70	\$21.96	\$0.26	1.19%	\$82.97	\$85.78	\$2.81	3.39%	
55	\$62.69	\$65.47	\$2.79	4.45%	\$23.87	\$24.15	\$0.28	1.19%	\$86.55	\$89.63	\$3.07	3.55%	
60	\$64.10	\$67.12	\$3.02	4.72%	\$26.04	\$26.35	\$0.31	1.19%	\$90.14	\$93.47	\$3.33	3.70%	
65	\$65.51	\$68.77	\$3.26	4.97%	\$28.21	\$28.54	\$0.34	1.19%	\$93.72	\$97.31	\$3.59	3.83%	
70	\$66.93	\$70.42	\$3.49	5.22%	\$30.38	\$30.74	\$0.36	1.19%	\$97.30	\$101.16	\$3.85	3.96%	
75	\$68.34	\$72.07	\$3.72	5.45%	\$32.55	\$32.94	\$0.39	1.19%	\$100.89	\$105.00	\$4.11	4.08%	
80	\$69.76	\$73.71	\$3.96	5.67%	\$34.72	\$35.13	\$0.41	1.19%	\$104.47	\$108.84	\$4.37	4.19%	
85	\$71.17	\$75.36	\$4.19	5.89%	\$36.89	\$37.33	\$0.44	1.19%	\$108.06	\$112.69	\$4.63	4.29%	
Average	86	\$71.45	\$75.69	\$4.24	5.93%	\$37.32	\$37.77	\$0.45	1.19%	\$108.77	\$113.46	\$4.68	4.31%
90	\$72.58	\$77.01	\$4.43	6.10%	\$39.06	\$39.52	\$0.47	1.19%	\$111.64	\$116.53	\$4.89	4.38%	
95	\$74.00	\$78.66	\$4.66	6.30%	\$41.23	\$41.72	\$0.49	1.19%	\$115.22	\$120.38	\$5.15	4.47%	
100	\$75.41	\$80.30	\$4.89	6.49%	\$43.40	\$43.91	\$0.52	1.19%	\$118.81	\$124.22	\$5.41	4.55%	
125	\$82.48	\$88.54	\$6.06	7.35%	\$54.25	\$54.89	\$0.65	1.19%	\$136.73	\$143.44	\$6.71	4.91%	
150	\$89.55	\$96.78	\$7.23	8.07%	\$65.09	\$65.87	\$0.78	1.19%	\$154.65	\$162.65	\$8.01	5.18%	
175	\$96.62	\$105.02	\$8.40	8.69%	\$75.94	\$76.85	\$0.91	1.19%	\$172.56	\$181.87	\$9.31	5.39%	
200	\$103.69	\$113.26	\$9.57	9.23%	\$86.79	\$87.83	\$1.04	1.19%	\$190.48	\$201.09	\$10.60	5.57%	
225	\$110.76	\$121.50	\$10.74	9.69%	\$97.64	\$98.81	\$1.17	1.19%	\$208.40	\$220.30	\$11.90	5.71%	
250	\$117.83	\$129.74	\$11.91	10.10%	\$108.49	\$109.79	\$1.29	1.19%	\$226.32	\$239.52	\$13.20	5.83%	
275	\$124.90	\$137.97	\$13.07	10.47%	\$119.34	\$120.76	\$1.42	1.19%	\$244.24	\$258.74	\$14.50	5.94%	
300	\$131.97	\$146.21	\$14.24	10.79%	\$130.19	\$131.74	\$1.55	1.19%	\$262.16	\$277.96	\$15.80	6.03%	
350	\$146.11	\$162.69	\$16.58	11.35%	\$151.89	\$153.70	\$1.81	1.19%	\$298.00	\$316.39	\$18.39	6.17%	
400	\$160.25	\$179.17	\$18.92	11.81%	\$173.59	\$175.66	\$2.07	1.19%	\$333.83	\$354.82	\$20.99	6.29%	
450	\$174.39	\$195.64	\$21.26	12.19%	\$195.28	\$197.61	\$2.33	1.19%	\$369.67	\$393.26	\$23.59	6.38%	
500	\$188.53	\$212.12	\$23.59	12.52%	\$216.98	\$219.57	\$2.59	1.19%	\$405.51	\$431.69	\$26.18	6.46%	
600	\$216.81	\$245.08	\$28.27	13.04%	\$260.38	\$263.49	\$3.11	1.19%	\$477.19	\$508.56	\$31.38	6.58%	
700	\$245.09	\$278.03	\$32.94	13.44%	\$303.78	\$307.40	\$3.63	1.19%	\$548.86	\$585.43	\$36.57	6.66%	
850	\$287.50	\$327.46	\$39.96	13.90%	\$368.87	\$373.27	\$4.40	1.19%	\$656.37	\$700.73	\$44.36	6.76%	
1,000	\$329.92	\$376.89	\$46.97	14.24%	\$433.97	\$439.14	\$5.18	1.19%	\$763.89	\$816.04	\$52.15	6.83%	
1,250	\$400.62	\$459.28	\$58.66	14.64%	\$542.46	\$548.93	\$6.47	1.19%	\$943.08	\$1,008.21	\$65.13	6.91%	
FY 21					FY 22						Difference	Change	
First 3 or Less				-\$1.34				-\$1.34			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.283900				\$1.301900			\$0.018	1.40%	
Over 50 Therms per Therm				\$0.293800				\$0.306500			\$0.013	4.32%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.035600				\$0.000000			\$0.036	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.012566			\$0.013	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000080				\$0.000000			(\$0.000)	0.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.
In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are five Energy Affordability Credit tiers.
The Heating customers Tiers : Tier 1: \$23.00, Tier 2: \$45.00, Tier 3: \$66.00, Tier 4: \$52.00, Tier 5: \$23.00
The Non-Heating customers Tiers : Tier 1-Tier 5: \$3.00

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1B DG - Residential Heat Distributed Generation
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$35.49	\$35.49	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$35.49	\$35.49	\$0.00	0.00%	
3	\$35.51	\$35.53	\$0.02	0.05%	\$1.30	\$1.32	\$0.02	1.19%	\$36.81	\$36.84	\$0.03	0.09%	
10	\$36.47	\$36.91	\$0.44	1.20%	\$4.34	\$4.39	\$0.05	1.19%	\$40.81	\$41.30	\$0.49	1.20%	
15	\$37.16	\$37.90	\$0.74	1.99%	\$6.51	\$6.59	\$0.08	1.19%	\$43.67	\$44.49	\$0.82	1.87%	
20	\$37.85	\$38.89	\$1.04	2.75%	\$8.68	\$8.78	\$0.10	1.19%	\$46.52	\$47.67	\$1.15	2.46%	
30	\$39.22	\$40.86	\$1.64	4.19%	\$13.02	\$13.17	\$0.16	1.19%	\$52.24	\$54.04	\$1.80	3.45%	
161	\$57.21	\$66.76	\$9.54	16.68%	\$69.87	\$70.70	\$0.83	1.19%	\$127.08	\$137.46	\$10.38	8.16%	
40	\$40.59	\$42.84	\$2.25	5.54%	\$17.36	\$17.57	\$0.21	1.19%	\$57.95	\$60.41	\$2.45	4.24%	
50	\$41.97	\$44.82	\$2.85	6.79%	\$21.70	\$21.96	\$0.26	1.19%	\$63.66	\$66.77	\$3.11	4.88%	
75	\$45.40	\$49.76	\$4.36	9.60%	\$32.55	\$32.94	\$0.39	1.19%	\$77.95	\$82.69	\$4.75	6.09%	
100	\$48.83	\$54.70	\$5.86	12.01%	\$43.40	\$43.91	\$0.52	1.19%	\$92.23	\$98.61	\$6.38	6.92%	
125	\$52.27	\$59.64	\$7.37	14.10%	\$54.25	\$54.89	\$0.65	1.19%	\$106.51	\$114.53	\$8.02	7.53%	
Average	161	\$57.21	\$66.76	\$9.54	16.68%	\$69.87	\$70.70	\$0.83	1.19%	\$127.08	\$137.46	\$10.38	8.16%
200	\$62.57	\$74.46	\$11.89	19.01%	\$86.79	\$87.83	\$1.04	1.19%	\$149.36	\$162.29	\$12.93	8.66%	
225	\$66.01	\$79.41	\$13.40	20.30%	\$97.64	\$98.81	\$1.17	1.19%	\$163.65	\$178.21	\$14.57	8.90%	
250	\$69.44	\$84.35	\$14.91	21.47%	\$108.49	\$109.79	\$1.29	1.19%	\$177.93	\$194.13	\$16.20	9.11%	
275	\$72.87	\$89.29	\$16.41	22.52%	\$119.34	\$120.76	\$1.42	1.19%	\$192.21	\$210.05	\$17.84	9.28%	
300	\$76.31	\$94.23	\$17.92	23.49%	\$130.19	\$131.74	\$1.55	1.19%	\$206.50	\$225.97	\$19.47	9.43%	
325	\$79.74	\$99.17	\$19.43	24.36%	\$141.04	\$142.72	\$1.68	1.19%	\$220.78	\$241.89	\$21.11	9.56%	
350	\$83.18	\$104.11	\$20.94	25.17%	\$151.89	\$153.70	\$1.81	1.19%	\$235.06	\$257.81	\$22.75	9.68%	
375	\$86.61	\$109.05	\$22.44	25.91%	\$162.74	\$164.68	\$1.94	1.19%	\$249.35	\$273.73	\$24.38	9.78%	
400	\$90.04	\$113.99	\$23.95	26.60%	\$173.59	\$175.66	\$2.07	1.19%	\$263.63	\$289.65	\$26.02	9.87%	
425	\$93.48	\$118.94	\$25.46	27.23%	\$184.44	\$186.64	\$2.20	1.19%	\$277.91	\$305.57	\$27.66	9.95%	
FY 21					FY 22						Difference	Change	
First 3 or Less				\$33.04				\$33.04			\$0.00	0.00%	
Next 47 Therms per Therm				\$0.126000				\$0.178800			\$0.053	41.90%	
Over 50 Therms per Therm				\$0.000000				\$0.000000			\$0.000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.008600				-\$0.008600			\$0.009	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.012566			\$0.013	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000080				\$0.000000			(\$0.000)	-100.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	-100.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 2-A - Non-Residential Non Heat
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
-	\$39.45	\$39.45	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.45	\$39.45	\$0.00	0.00%
1	\$39.44	\$39.46	\$0.01	0.04%	\$0.43	\$0.44	\$0.01	1.19%	\$39.88	\$39.90	\$0.02	0.05%
2	\$39.44	\$39.47	\$0.03	0.07%	\$0.87	\$0.88	\$0.01	1.19%	\$40.31	\$40.34	\$0.04	0.09%
3	\$39.43	\$39.48	\$0.04	0.11%	\$1.30	\$1.32	\$0.02	1.19%	\$40.74	\$40.79	\$0.06	0.14%
6	\$44.67	\$45.00	\$0.33	0.75%	\$2.60	\$2.63	\$0.03	1.19%	\$47.27	\$47.63	\$0.36	0.77%
8	\$48.16	\$48.68	\$0.53	1.09%	\$3.47	\$3.51	\$0.04	1.19%	\$51.63	\$52.20	\$0.57	1.10%
10	\$51.65	\$52.37	\$0.72	1.40%	\$4.34	\$4.39	\$0.05	1.19%	\$55.98	\$56.76	\$0.77	1.38%
15	\$60.37	\$61.57	\$1.21	2.00%	\$6.51	\$6.59	\$0.08	1.19%	\$66.88	\$68.16	\$1.28	1.92%
20	\$69.09	\$70.78	\$1.69	2.45%	\$8.68	\$8.78	\$0.10	1.19%	\$77.77	\$79.56	\$1.79	2.31%
25	\$77.81	\$79.99	\$2.18	2.80%	\$10.85	\$10.98	\$0.13	1.19%	\$88.66	\$90.97	\$2.31	2.60%
30	\$86.54	\$89.20	\$2.66	3.08%	\$13.02	\$13.17	\$0.16	1.19%	\$99.55	\$102.37	\$2.82	2.83%
35	\$95.26	\$98.41	\$3.15	3.30%	\$15.19	\$15.37	\$0.18	1.19%	\$110.45	\$113.78	\$3.33	3.01%
40	\$103.98	\$107.61	\$3.63	3.49%	\$17.36	\$17.57	\$0.21	1.19%	\$121.34	\$125.18	\$3.84	3.16%
45	\$112.70	\$116.82	\$4.12	3.65%	\$19.53	\$19.76	\$0.23	1.19%	\$132.23	\$136.58	\$4.35	3.29%
50	\$121.43	\$126.03	\$4.60	3.79%	\$21.70	\$21.96	\$0.26	1.19%	\$143.12	\$147.99	\$4.86	3.40%
55	\$130.15	\$135.24	\$5.09	3.91%	\$23.87	\$24.15	\$0.28	1.19%	\$154.02	\$159.39	\$5.37	3.49%
60	\$138.87	\$144.44	\$5.57	4.01%	\$26.04	\$26.35	\$0.31	1.19%	\$164.91	\$170.79	\$5.88	3.57%
70	\$156.32	\$162.86	\$6.54	4.19%	\$30.38	\$30.74	\$0.36	1.19%	\$186.69	\$193.60	\$6.91	3.70%
80	\$173.76	\$181.28	\$7.51	4.32%	\$34.72	\$35.13	\$0.41	1.19%	\$208.48	\$216.41	\$7.93	3.80%
90	\$191.21	\$199.69	\$8.48	4.44%	\$39.06	\$39.52	\$0.47	1.19%	\$230.26	\$239.21	\$8.95	3.89%
100	\$194.76	\$203.50	\$8.74	4.49%	\$43.40	\$43.91	\$0.52	1.19%	\$238.16	\$247.42	\$9.26	3.89%
125	\$203.64	\$213.03	\$9.39	4.61%	\$54.25	\$54.89	\$0.65	1.19%	\$257.89	\$267.92	\$10.04	3.89%
150	\$212.52	\$222.56	\$10.04	4.72%	\$65.09	\$65.87	\$0.78	1.19%	\$277.61	\$288.43	\$10.81	3.90%
175	\$221.40	\$232.08	\$10.68	4.83%	\$75.94	\$76.85	\$0.91	1.19%	\$297.34	\$308.93	\$11.59	3.90%
200	\$230.28	\$241.61	\$11.33	4.92%	\$86.79	\$87.83	\$1.04	1.19%	\$317.07	\$329.44	\$12.37	3.90%
250	\$248.04	\$260.67	\$12.63	5.09%	\$108.49	\$109.79	\$1.29	1.19%	\$356.53	\$370.45	\$13.92	3.90%
300	\$265.80	\$279.72	\$13.92	5.24%	\$130.19	\$131.74	\$1.55	1.19%	\$395.99	\$411.46	\$15.47	3.91%
350	\$283.56	\$298.78	\$15.22	5.37%	\$151.89	\$153.70	\$1.81	1.19%	\$435.45	\$452.48	\$17.03	3.91%
400	\$301.32	\$317.83	\$16.51	5.48%	\$173.59	\$175.66	\$2.07	1.19%	\$474.91	\$493.49	\$18.58	3.91%
450	\$319.08	\$336.88	\$17.80	5.58%	\$195.28	\$197.61	\$2.33	1.19%	\$514.36	\$534.50	\$20.13	3.91%
500	\$336.84	\$355.94	\$19.10	5.67%	\$216.98	\$219.57	\$2.59	1.19%	\$553.82	\$575.51	\$21.69	3.92%
Average	\$222.52	\$232.08	\$10.68	4.83%	\$75.94	\$76.85	\$0.91	1.19%	\$297.34	\$308.93	\$11.59	3.90%
600	\$372.36	\$394.05	\$21.69	5.82%	\$260.38	\$263.49	\$3.11	1.19%	\$632.74	\$657.53	\$24.80	3.92%
700	\$407.88	\$432.16	\$24.28	5.95%	\$303.78	\$307.40	\$3.63	1.19%	\$711.66	\$739.56	\$27.90	3.92%
850	\$461.16	\$489.32	\$28.16	6.11%	\$368.87	\$373.27	\$4.40	1.19%	\$830.03	\$862.59	\$32.56	3.92%
1,000	\$514.44	\$546.49	\$32.04	6.23%	\$433.97	\$439.14	\$5.18	1.19%	\$948.41	\$985.63	\$37.22	3.92%
1,250	\$603.24	\$641.76	\$38.52	6.39%	\$542.46	\$548.93	\$6.47	1.19%	\$1,145.70	\$1,190.69	\$44.99	3.93%
1,500	\$692.04	\$737.03	\$44.99	6.50%	\$650.95	\$658.72	\$7.77	1.19%	\$1,342.99	\$1,395.75	\$52.76	3.93%
2,000	\$869.64	\$927.58	\$57.94	6.66%	\$867.93	\$878.29	\$10.36	1.19%	\$1,737.57	\$1,805.87	\$68.29	3.93%
2,500	\$1,047.24	\$1,118.12	\$70.88	6.77%	\$1,084.91	\$1,097.86	\$12.95	1.19%	\$2,132.16	\$2,215.98	\$83.83	3.93%
3,000	\$1,224.84	\$1,308.67	\$83.83	6.84%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,526.74	\$2,626.10	\$99.36	3.93%
4,000	\$1,436.24	\$1,556.99	\$120.75	8.41%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$3,172.10	\$3,313.57	\$141.46	4.46%
5,000	\$1,647.64	\$1,805.31	\$157.67	9.57%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,817.47	\$4,001.03	\$183.56	4.81%
7,500	\$2,176.14	\$2,426.12	\$249.97	11.49%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$5,430.88	\$5,719.70	\$288.81	5.32%
10,000	\$2,704.64	\$3,046.92	\$342.28	12.66%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$7,044.30	\$7,438.36	\$394.06	5.59%
15,000	\$3,761.65	\$4,288.53	\$526.89	14.01%	\$6,509.48	\$6,587.16	\$77.68	1.19%	\$10,271.12	\$10,875.69	\$604.57	5.89%
20,000	\$4,818.65	\$5,530.14	\$711.49	14.77%	\$8,679.30	\$8,782.88	\$103.57	1.19%	\$13,497.95	\$14,313.02	\$815.07	6.04%
25,000	\$5,875.65	\$6,771.75	\$896.10	15.25%	\$10,849.13	\$10,978.60	\$129.47	1.19%	\$16,724.78	\$17,750.35	\$1,025.57	6.13%
30,000	\$6,932.65	\$8,013.36	\$1,080.71	15.59%	\$13,018.96	\$13,174.32	\$155.36	1.19%	\$19,951.61	\$21,187.67	\$1,236.07	6.20%
35,000	\$7,989.65	\$9,254.97	\$1,265.32	15.84%	\$15,188.78	\$15,370.04	\$181.25	1.19%	\$23,178.43	\$24,625.00	\$1,446.57	6.24%
40,000	\$9,046.65	\$10,496.58	\$1,449.92	16.03%	\$17,358.61	\$17,565.75	\$207.15	1.19%	\$26,405.26	\$28,062.33	\$1,657.07	6.28%
45,000	\$10,103.65	\$11,738.18	\$1,634.53	16.18%	\$19,528.43	\$19,761.47	\$233.04	1.19%	\$29,632.09	\$31,499.66	\$1,867.57	6.30%
50,000	\$11,160.65	\$12,979.79	\$1,819.14	16.30%	\$21,698.26	\$21,957.19	\$258.93	1.19%	\$32,858.91	\$34,936.99	\$2,078.07	6.32%
55,000	\$12,217.66	\$14,221.40	\$2,003.75	16.40%	\$23,868.09	\$24,152.91	\$284.83	1.19%	\$36,085.74	\$38,374.31	\$2,288.57	6.34%
FY 21					FY 22						Difference	Change
First 3 therms				\$37.66				\$37.66			\$0.00	0.00%
Next 87 therms				\$1,728,200				\$1,810,300			\$0.082	4.75%
Next 2,910 therms				\$0,355,300				\$0,367,100			\$0.012	3.32%
Over 3,000 therms				\$0,213,200				\$0,235,900			\$0.023	10.65%
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0,000,000				\$0,000,000			\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%
Electric Generator Revenue				\$0,000,000				\$0,000,000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0,000,000				\$0,000,000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%
Tax Reform				-\$0,019,900				\$0,000,000			\$0.020	-100.00%
NY Facilities System Surcharge / Surcredit				\$0,000,000				\$0,000,000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0,000,000				\$0,000,000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0,000,000				\$0,000,000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0,000,000				\$0,009,485			\$0.009	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0,000,000				\$0,000,000			\$0.000	0.00%
Clean Energy Fund				\$0,000,080				\$0,000,000			(\$0.000)	-100.00%
Energy Efficiency Surcharge				\$0,015,520				\$0,000,000			(\$0.016)	-100.00%
Monthly Cost of Gas				\$0,415,854				\$0,425,474			\$0.010	2.31%
Merchant Function Charge				\$0,012,978				\$0,008,476			(\$0.005)	-34.69%
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 2-B - Non Residential Heat
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
-	\$39.45	\$39.45	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.45	\$39.45	\$0.00	0.00%
1	\$39.44	\$39.46	\$0.02	0.06%	\$0.43	\$0.44	\$0.01	1.19%	\$39.87	\$39.90	\$0.03	0.07%
2	\$39.43	\$39.47	\$0.05	0.12%	\$0.87	\$0.88	\$0.01	1.19%	\$40.29	\$40.35	\$0.06	0.14%
3	\$39.42	\$39.49	\$0.07	0.17%	\$1.30	\$1.32	\$0.02	1.19%	\$40.72	\$40.80	\$0.08	0.21%
6	\$44.76	\$44.95	\$0.19	0.41%	\$2.60	\$2.63	\$0.03	1.19%	\$47.37	\$47.58	\$0.22	0.46%
8	\$48.33	\$48.59	\$0.26	0.54%	\$3.47	\$3.51	\$0.04	1.19%	\$51.80	\$52.11	\$0.30	0.59%
10	\$51.90	\$52.24	\$0.34	0.66%	\$4.34	\$4.39	\$0.05	1.19%	\$56.24	\$56.63	\$0.39	0.70%
15	\$60.81	\$61.34	\$0.53	0.88%	\$6.51	\$6.59	\$0.08	1.19%	\$67.32	\$67.93	\$0.61	0.91%
20	\$69.72	\$70.45	\$0.73	1.04%	\$8.68	\$8.78	\$0.10	1.19%	\$78.40	\$79.23	\$0.83	1.06%
25	\$78.64	\$79.56	\$0.92	1.17%	\$10.85	\$10.98	\$0.13	1.19%	\$89.49	\$90.54	\$1.05	1.17%
30	\$87.55	\$88.67	\$1.11	1.27%	\$13.02	\$13.17	\$0.16	1.19%	\$100.57	\$101.84	\$1.27	1.26%
35	\$96.47	\$97.77	\$1.31	1.36%	\$15.19	\$15.37	\$0.18	1.19%	\$111.65	\$113.14	\$1.49	1.33%
40	\$105.38	\$106.88	\$1.50	1.43%	\$17.36	\$17.57	\$0.21	1.19%	\$122.74	\$124.45	\$1.71	1.39%
45	\$114.29	\$115.99	\$1.70	1.48%	\$19.53	\$19.76	\$0.23	1.19%	\$133.82	\$135.75	\$1.93	1.44%
50	\$123.21	\$125.10	\$1.89	1.53%	\$21.70	\$21.96	\$0.26	1.19%	\$144.91	\$147.05	\$2.15	1.48%
55	\$132.12	\$134.20	\$2.08	1.58%	\$23.87	\$24.15	\$0.28	1.19%	\$155.99	\$158.36	\$2.37	1.52%
60	\$141.04	\$143.31	\$2.28	1.61%	\$26.04	\$26.35	\$0.31	1.19%	\$167.07	\$169.66	\$2.59	1.55%
70	\$158.86	\$161.53	\$2.66	1.68%	\$30.38	\$30.74	\$0.36	1.19%	\$189.24	\$192.27	\$3.03	1.60%
80	\$176.69	\$179.74	\$3.05	1.73%	\$34.72	\$35.13	\$0.41	1.19%	\$211.41	\$214.87	\$3.47	1.64%
90	\$194.52	\$197.96	\$3.44	1.77%	\$39.06	\$39.52	\$0.47	1.19%	\$233.58	\$237.48	\$3.91	1.67%
100	\$198.84	\$202.63	\$3.79	1.90%	\$43.40	\$43.91	\$0.52	1.19%	\$242.24	\$246.54	\$4.31	1.78%
125	\$209.65	\$214.30	\$4.66	2.22%	\$54.25	\$54.89	\$0.65	1.19%	\$263.89	\$269.20	\$5.30	2.01%
150	\$220.45	\$225.98	\$5.53	2.51%	\$65.09	\$65.87	\$0.78	1.19%	\$285.55	\$291.85	\$6.30	2.21%
175	\$231.26	\$237.65	\$6.40	2.77%	\$75.94	\$76.85	\$0.91	1.19%	\$307.20	\$314.50	\$7.30	2.38%
200	\$242.06	\$249.33	\$7.27	3.00%	\$86.79	\$87.83	\$1.04	1.19%	\$328.86	\$337.16	\$8.30	2.52%
250	\$263.67	\$272.68	\$9.01	3.42%	\$108.49	\$109.79	\$1.29	1.19%	\$372.16	\$382.47	\$10.30	2.77%
300	\$285.28	\$296.03	\$10.75	3.77%	\$130.19	\$131.74	\$1.55	1.19%	\$415.47	\$427.77	\$12.30	2.96%
350	\$306.89	\$319.38	\$12.49	4.07%	\$151.89	\$153.70	\$1.81	1.19%	\$458.78	\$473.08	\$14.30	3.12%
400	\$328.50	\$342.73	\$14.23	4.33%	\$173.59	\$175.66	\$2.07	1.19%	\$502.09	\$518.39	\$16.30	3.25%
450	\$350.12	\$366.08	\$15.97	4.56%	\$195.28	\$197.61	\$2.33	1.19%	\$545.40	\$563.70	\$18.30	3.35%
Average	\$354.87	\$371.22	\$16.35	4.61%	\$200.06	\$202.45	\$2.39	1.19%	\$554.93	\$573.66	\$18.74	3.38%
500	\$371.73	\$389.43	\$17.71	4.76%	\$216.98	\$219.57	\$2.59	1.19%	\$588.71	\$609.00	\$20.29	3.45%
600	\$414.95	\$436.13	\$21.18	5.11%	\$260.38	\$263.49	\$3.11	1.19%	\$675.33	\$699.62	\$24.29	3.60%
700	\$458.17	\$482.83	\$24.66	5.38%	\$303.78	\$307.40	\$3.63	1.19%	\$761.94	\$790.23	\$28.29	3.71%
850	\$523.00	\$552.88	\$29.88	5.71%	\$368.87	\$373.27	\$4.40	1.19%	\$891.87	\$926.16	\$34.29	3.84%
1,000	\$587.83	\$622.93	\$35.10	5.97%	\$433.97	\$439.14	\$5.18	1.19%	\$1,021.80	\$1,062.08	\$40.28	3.94%
1,250	\$695.88	\$739.69	\$43.80	6.29%	\$542.46	\$548.93	\$6.47	1.19%	\$1,238.34	\$1,288.62	\$50.28	4.06%
1,500	\$803.94	\$856.44	\$52.50	6.53%	\$650.95	\$658.72	\$7.77	1.19%	\$1,454.89	\$1,515.15	\$60.27	4.14%
2,000	\$1,020.04	\$1,089.94	\$69.90	6.85%	\$867.93	\$878.29	\$10.36	1.19%	\$1,887.97	\$1,968.23	\$80.26	4.25%
2,500	\$1,236.15	\$1,323.44	\$87.30	7.06%	\$1,084.91	\$1,097.86	\$12.95	1.19%	\$2,321.06	\$2,421.30	\$100.24	4.32%
3,000	\$1,452.26	\$1,556.95	\$104.69	7.21%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,754.15	\$2,874.38	\$120.23	4.37%
4,000	\$1,737.12	\$1,883.39	\$146.27	8.42%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$3,472.99	\$3,639.97	\$166.98	4.81%
5,000	\$2,021.99	\$2,209.84	\$187.84	9.29%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$4,191.82	\$4,405.56	\$213.74	5.10%
7,500	\$2,734.17	\$3,025.95	\$291.78	10.67%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$5,988.91	\$6,319.53	\$330.62	5.52%
10,000	\$3,446.34	\$3,842.06	\$395.72	11.48%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$7,785.99	\$8,233.50	\$447.51	5.75%
15,000	\$4,870.69	\$5,474.28	\$603.60	12.39%	\$6,509.48	\$6,587.16	\$77.68	1.19%	\$11,380.16	\$12,061.44	\$681.28	5.99%
20,000	\$6,295.03	\$7,106.50	\$811.47	12.89%	\$8,679.30	\$8,782.88	\$103.57	1.19%	\$14,974.34	\$15,889.38	\$915.05	6.11%
25,000	\$7,719.38	\$8,738.73	\$1,019.35	13.21%	\$10,849.13	\$10,978.60	\$129.47	1.19%	\$18,568.51	\$19,717.32	\$1,148.82	6.19%
30,000	\$9,143.72	\$10,370.95	\$1,227.23	13.42%	\$13,018.96	\$13,174.32	\$155.36	1.19%	\$22,162.68	\$23,545.26	\$1,382.59	6.24%
FY 21					FY 22						Difference	Change
First 3 therms				\$37.66				\$37.66			\$0.00	0.00%
Next 87 therms				\$1,771,600				\$1,787,200			\$0.016	0.88%
Next 2,910 therms				\$0,437,000				\$0,448,700			\$0.012	2.68%
Over 3,000 therms				\$0,291,400				\$0,309,800			\$0.018	6.31%
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				-\$0.025500				\$0.000000			\$0.026	-100.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.012784			\$0.013	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000080				\$0.000000			(\$0.000)	-100.00%
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	-100.00%
Monthly Cost of Gas				\$0,415,854				\$0,425,474			\$0.010	2.31%
Merchant Function Charge				\$0,012,978				\$0,008,476			(\$0.005)	-34.69%
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 3 - Multiple Dwelling Service
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$78.47	\$78.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$78.47	\$78.47	\$0.00	0.00%	
3	\$78.47	\$78.51	\$0.04	0.05%	\$1.30	\$1.32	\$0.02	1.19%	\$79.78	\$79.83	\$0.05	0.07%	
10	\$81.98	\$82.17	\$0.19	0.24%	\$4.34	\$4.39	\$0.05	1.19%	\$86.32	\$86.57	\$0.25	0.28%	
50	\$102.02	\$103.10	\$1.08	1.06%	\$21.70	\$21.96	\$0.26	1.19%	\$123.72	\$125.06	\$1.34	1.08%	
100	\$127.07	\$129.26	\$2.18	1.72%	\$43.40	\$43.91	\$0.52	1.19%	\$170.47	\$173.17	\$2.70	1.58%	
150	\$152.13	\$155.41	\$3.29	2.16%	\$65.09	\$65.87	\$0.78	1.19%	\$217.22	\$221.28	\$4.06	1.87%	
200	\$177.18	\$181.57	\$4.39	2.48%	\$86.79	\$87.83	\$1.04	1.19%	\$263.97	\$269.40	\$5.43	2.06%	
250	\$202.23	\$207.73	\$5.50	2.72%	\$108.49	\$109.79	\$1.29	1.19%	\$310.72	\$317.51	\$6.79	2.19%	
300	\$227.28	\$233.88	\$6.60	2.91%	\$130.19	\$131.74	\$1.55	1.19%	\$357.47	\$365.63	\$8.16	2.28%	
350	\$252.33	\$260.04	\$7.71	3.05%	\$151.89	\$153.70	\$1.81	1.19%	\$404.22	\$413.74	\$9.52	2.36%	
400	\$277.38	\$286.20	\$8.81	3.18%	\$173.59	\$175.66	\$2.07	1.19%	\$450.97	\$461.85	\$10.88	2.41%	
450	\$302.43	\$312.35	\$9.92	3.28%	\$195.28	\$197.61	\$2.33	1.19%	\$497.72	\$509.97	\$12.25	2.46%	
500	\$327.49	\$338.51	\$11.02	3.37%	\$216.98	\$219.57	\$2.59	1.19%	\$544.47	\$558.08	\$13.61	2.50%	
1,000	\$578.00	\$600.07	\$22.07	3.82%	\$433.97	\$439.14	\$5.18	1.19%	\$1,011.97	\$1,039.22	\$27.25	2.69%	
1,500	\$716.45	\$757.12	\$40.67	5.68%	\$650.95	\$658.72	\$7.77	1.19%	\$1,367.40	\$1,415.83	\$48.43	3.54%	
2,000	\$854.90	\$914.16	\$59.26	6.93%	\$867.93	\$878.29	\$10.36	1.19%	\$1,722.83	\$1,792.45	\$69.61	4.04%	
2,500	\$993.36	\$1,071.20	\$77.85	7.84%	\$1,084.91	\$1,097.86	\$12.95	1.19%	\$2,078.27	\$2,169.06	\$90.79	4.37%	
Average	2,615	\$1,025.20	\$1,107.32	\$82.12	8.01%	\$1,134.82	\$1,148.36	\$13.54	1.19%	\$2,160.02	\$2,255.68	\$95.66	4.43%
3,000	\$1,131.81	\$1,228.24	\$96.44	8.52%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,433.70	\$2,545.68	\$111.97	4.60%	
3,500	\$1,270.26	\$1,385.29	\$115.03	9.06%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$2,789.14	\$2,922.29	\$133.15	4.77%	
4,000	\$1,408.71	\$1,542.33	\$133.62	9.49%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$3,144.57	\$3,298.90	\$154.33	4.91%	
4,500	\$1,547.16	\$1,699.37	\$152.21	9.84%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$3,500.01	\$3,675.52	\$175.51	5.01%	
5,000	\$1,685.61	\$1,856.41	\$170.80	10.13%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,855.44	\$4,052.13	\$196.69	5.10%	
5,500	\$1,824.07	\$2,013.46	\$189.39	10.38%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$4,210.87	\$4,428.75	\$217.87	5.17%	
6,000	\$1,962.52	\$2,170.50	\$207.98	10.60%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$4,566.31	\$4,805.36	\$239.05	5.24%	
6,500	\$2,100.97	\$2,327.54	\$226.57	10.78%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$4,921.74	\$5,181.98	\$260.23	5.29%	
7,000	\$2,239.42	\$2,484.58	\$245.16	10.95%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$5,277.18	\$5,558.59	\$281.41	5.33%	
7,500	\$2,377.87	\$2,641.63	\$263.75	11.09%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$5,632.61	\$5,935.21	\$302.59	5.37%	
8,000	\$2,516.33	\$2,798.67	\$282.34	11.22%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$5,988.05	\$6,311.82	\$323.77	5.41%	
8,500	\$2,654.78	\$2,955.71	\$300.93	11.34%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$6,343.48	\$6,688.44	\$344.95	5.44%	
9,000	\$2,793.23	\$3,112.75	\$319.53	11.44%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$6,698.92	\$7,065.05	\$366.13	5.47%	
9,500	\$2,931.68	\$3,269.80	\$338.12	11.53%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$7,054.35	\$7,441.66	\$387.31	5.49%	
10,000	\$3,070.13	\$3,426.84	\$356.71	11.62%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$7,409.78	\$7,818.28	\$408.49	5.51%	
FY 21					FY 22						Difference	Change	
First 3 therms				\$74.66				\$74.66			\$0.00	0.00%	
Next 997 therms				\$0.485500				\$0.494400			\$0.009	1.83%	
Over 1,000 therms				\$0.268500				\$0.292000			\$0.024	8.75%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.016000				\$0.000000			\$0.016	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.012099			\$0.012	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000080				\$0.000000			(\$0.000)	0.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 15 - High Load Factor Service for Cogeneration
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$156.52	\$156.52	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$156.52	\$156.52	\$0.00	0.00%	
10	\$156.66	\$156.60	-\$0.06	-0.04%	\$3.24	\$3.26	\$0.03	0.79%	\$159.90	\$159.87	(\$0.03)	-0.02%	
50	\$165.12	\$166.06	\$0.93	0.56%	\$16.19	\$16.32	\$0.13	0.79%	\$181.32	\$182.38	\$1.06	0.58%	
100	\$175.71	\$177.87	\$2.17	1.23%	\$32.39	\$32.64	\$0.25	0.79%	\$208.10	\$210.52	\$2.42	1.16%	
200	\$196.87	\$201.51	\$4.64	2.36%	\$64.78	\$65.29	\$0.51	0.79%	\$261.65	\$266.80	\$5.15	1.97%	
300	\$218.03	\$225.15	\$7.12	3.26%	\$97.17	\$97.93	\$0.76	0.79%	\$315.20	\$323.08	\$7.88	2.50%	
400	\$239.19	\$248.78	\$9.59	4.01%	\$129.56	\$130.58	\$1.02	0.79%	\$368.75	\$379.36	\$10.61	2.88%	
500	\$260.36	\$272.42	\$12.06	4.63%	\$161.95	\$163.22	\$1.27	0.79%	\$422.30	\$435.64	\$13.34	3.16%	
1,000	\$366.17	\$390.60	\$24.43	6.67%	\$323.89	\$326.44	\$2.55	0.79%	\$690.06	\$717.04	\$26.98	3.91%	
5,000	\$1,212.66	\$1,336.05	\$123.39	10.18%	\$1,619.46	\$1,632.20	\$12.73	0.79%	\$2,832.12	\$2,968.24	\$136.12	4.81%	
10,000	\$2,270.77	\$2,517.86	\$247.09	10.88%	\$3,238.92	\$3,264.39	\$25.47	0.79%	\$5,509.69	\$5,782.25	\$272.55	4.95%	
11,000	\$2,482.40	\$2,754.22	\$271.83	10.95%	\$3,562.81	\$3,590.83	\$28.02	0.79%	\$6,045.21	\$6,345.05	\$299.84	4.96%	
Average	11,522	\$2,592.86	\$2,877.60	\$284.74	10.98%	\$3,731.89	\$3,761.23	\$29.35	0.79%	\$6,324.75	\$6,638.83	\$314.08	4.97%
15,000	\$3,328.89	\$3,699.67	\$370.78	11.14%	\$4,858.38	\$4,896.59	\$38.20	0.79%	\$8,187.27	\$8,596.25	\$408.99	5.00%	
20,000	\$4,387.00	\$4,881.48	\$494.48	11.27%	\$6,477.84	\$6,528.78	\$50.94	0.79%	\$10,864.84	\$11,410.26	\$545.42	5.02%	
25,000	\$5,445.12	\$6,063.29	\$618.17	11.35%	\$8,097.30	\$8,160.98	\$63.67	0.79%	\$13,542.42	\$14,224.27	\$681.85	5.03%	
30,000	\$6,503.23	\$7,245.10	\$741.87	11.41%	\$9,716.76	\$9,793.17	\$76.41	0.79%	\$16,219.99	\$17,038.27	\$818.28	5.04%	
35,000	\$7,561.35	\$8,426.91	\$865.57	11.45%	\$11,336.22	\$11,425.37	\$89.14	0.79%	\$18,897.57	\$19,852.28	\$954.71	5.05%	
40,000	\$8,619.46	\$9,608.72	\$989.26	11.48%	\$12,955.69	\$13,057.56	\$101.88	0.79%	\$21,575.14	\$22,666.28	\$1,091.14	5.06%	
45,000	\$9,677.57	\$10,790.53	\$1,112.96	11.50%	\$14,575.15	\$14,689.76	\$114.61	0.79%	\$24,252.72	\$25,480.29	\$1,227.57	5.06%	
50,000	\$10,735.69	\$11,972.34	\$1,236.66	11.52%	\$16,194.61	\$16,321.95	\$127.34	0.79%	\$26,930.29	\$28,294.30	\$1,364.00	5.06%	
55,000	\$11,793.80	\$13,154.15	\$1,360.35	11.53%	\$17,814.07	\$17,954.15	\$140.08	0.79%	\$29,607.87	\$31,108.30	\$1,500.43	5.07%	
60,000	\$12,851.92	\$14,335.97	\$1,484.05	11.55%	\$19,433.53	\$19,586.34	\$152.81	0.79%	\$32,285.45	\$33,922.31	\$1,636.86	5.07%	
65,000	\$13,910.03	\$15,517.78	\$1,607.74	11.56%	\$21,052.99	\$21,218.54	\$165.55	0.79%	\$34,963.02	\$36,736.31	\$1,773.29	5.07%	
70,000	\$14,968.15	\$16,699.59	\$1,731.44	11.57%	\$22,672.45	\$22,850.73	\$178.28	0.79%	\$37,640.60	\$39,550.32	\$1,909.72	5.07%	
75,000	\$16,026.26	\$17,881.40	\$1,855.14	11.58%	\$24,291.91	\$24,482.93	\$191.02	0.79%	\$40,318.17	\$42,364.32	\$2,046.15	5.08%	
80,000	\$17,084.38	\$19,063.21	\$1,978.83	11.58%	\$25,911.37	\$26,115.12	\$203.75	0.79%	\$42,995.75	\$45,178.33	\$2,182.58	5.08%	
85,000	\$18,142.49	\$20,245.02	\$2,102.53	11.59%	\$27,530.83	\$27,747.32	\$216.49	0.79%	\$45,673.32	\$47,992.34	\$2,319.02	5.08%	
90,000	\$19,200.60	\$21,426.83	\$2,226.23	11.59%	\$29,150.29	\$29,379.51	\$229.22	0.79%	\$48,350.90	\$50,806.34	\$2,455.45	5.08%	
95,000	\$20,258.72	\$22,608.64	\$2,349.92	11.60%	\$30,769.75	\$31,011.71	\$241.96	0.79%	\$51,028.47	\$53,620.35	\$2,591.88	5.08%	
100,000	\$21,316.83	\$23,790.45	\$2,473.62	11.60%	\$32,389.21	\$32,643.90	\$254.69	0.79%	\$53,706.05	\$56,434.35	\$2,728.31	5.08%	
105,000	\$22,374.95	\$24,972.26	\$2,597.31	11.61%	\$34,008.67	\$34,276.10	\$267.42	0.79%	\$56,383.62	\$59,248.36	\$2,864.74	5.08%	
110,000	\$23,433.06	\$26,154.07	\$2,721.01	11.61%	\$35,628.13	\$35,908.29	\$280.16	0.79%	\$59,061.20	\$62,062.36	\$3,001.17	5.08%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$153.35				\$153.35			\$0.00	0.00%	
Over 10 therms				\$0.195400				\$0.225700			\$0.030	15.51%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.003800				\$0.000000			\$0.004	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.007867			\$0.008	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.002000				\$0.000000			(\$0.002)	-100.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	-100.00%	
Monthly Cost of Gas				\$0.308989				\$0.315214			\$0.006	2.01%	
Merchant Function Charge				\$0.011073				\$0.007365			(\$0.004)	-33.49%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 16 -Non Residential Year-Round Space Conditioning Service
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$234.52	\$234.52	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$234.52	\$234.52	(\$0.00)	0.00%	
10	\$246.37	\$246.68	\$0.30	0.12%	\$3.58	\$3.62	\$0.03	0.94%	\$249.96	\$250.29	\$0.34	0.13%	
100	\$398.51	\$402.60	\$4.09	1.03%	\$35.84	\$36.17	\$0.34	0.94%	\$434.35	\$438.77	\$4.42	1.02%	
500	\$1,074.68	\$1,095.58	\$20.90	1.95%	\$179.18	\$180.86	\$1.68	0.94%	\$1,253.86	\$1,276.44	\$22.58	1.80%	
1,000	\$1,220.76	\$1,247.96	\$27.20	2.23%	\$358.36	\$361.72	\$3.36	0.94%	\$1,579.13	\$1,609.68	\$30.56	1.94%	
5,000	\$2,389.47	\$2,467.04	\$77.57	3.25%	\$1,791.82	\$1,808.61	\$16.79	0.94%	\$4,181.29	\$4,275.65	\$94.36	2.26%	
10,000	\$3,850.34	\$3,990.88	\$140.54	3.65%	\$3,583.64	\$3,617.21	\$33.57	0.94%	\$7,433.98	\$7,608.10	\$174.11	2.34%	
15,000	\$5,311.22	\$5,514.73	\$203.51	3.83%	\$5,375.46	\$5,425.82	\$50.36	0.94%	\$10,686.68	\$10,940.55	\$253.87	2.38%	
20,000	\$6,772.10	\$7,038.58	\$266.48	3.93%	\$7,167.28	\$7,234.43	\$67.15	0.94%	\$13,939.38	\$14,273.00	\$333.62	2.39%	
25,000	\$8,232.98	\$8,562.42	\$329.44	4.00%	\$8,959.10	\$9,043.04	\$83.93	0.94%	\$17,192.08	\$17,605.46	\$413.38	2.40%	
30,000	\$9,693.86	\$10,086.27	\$392.41	4.05%	\$10,750.92	\$10,851.64	\$100.72	0.94%	\$20,444.78	\$20,937.91	\$493.13	2.41%	
35,000	\$11,154.73	\$11,610.11	\$455.38	4.08%	\$12,542.74	\$12,660.25	\$117.51	0.94%	\$23,697.48	\$24,270.36	\$572.89	2.42%	
40,000	\$12,615.61	\$13,133.96	\$518.35	4.11%	\$14,334.56	\$14,468.86	\$134.29	0.94%	\$26,950.18	\$27,602.82	\$652.64	2.42%	
Average	45,931	\$14,348.50	\$14,941.54	\$593.04	4.13%	\$16,460.02	\$16,614.23	\$154.21	0.94%	\$30,808.53	\$31,555.77	\$747.24	2.43%
50,000	\$15,537.37	\$16,181.65	\$644.28	4.15%	\$17,918.20	\$18,086.07	\$167.87	0.94%	\$33,455.57	\$34,267.72	\$812.15	2.43%	
55,000	\$16,998.25	\$17,705.49	\$707.25	4.16%	\$19,710.03	\$19,894.68	\$184.65	0.94%	\$36,708.27	\$37,600.17	\$891.90	2.43%	
60,000	\$18,459.12	\$19,229.34	\$770.22	4.17%	\$21,501.85	\$21,703.29	\$201.44	0.94%	\$39,960.97	\$40,932.63	\$971.66	2.43%	
65,000	\$19,920.00	\$20,753.19	\$833.18	4.18%	\$23,293.67	\$23,511.89	\$218.23	0.94%	\$43,213.67	\$44,265.08	\$1,051.41	2.43%	
70,000	\$21,380.88	\$22,277.03	\$896.15	4.19%	\$25,085.49	\$25,320.50	\$235.01	0.94%	\$46,466.37	\$47,597.53	\$1,131.17	2.43%	
75,000	\$22,841.76	\$23,800.88	\$959.12	4.20%	\$26,877.31	\$27,129.11	\$251.80	0.94%	\$49,719.06	\$50,929.98	\$1,210.92	2.44%	
80,000	\$24,302.64	\$25,324.72	\$1,022.09	4.21%	\$28,669.13	\$28,937.71	\$268.59	0.94%	\$52,971.76	\$54,262.44	\$1,290.67	2.44%	
85,000	\$25,763.51	\$26,848.57	\$1,085.05	4.21%	\$30,460.95	\$30,746.32	\$285.37	0.94%	\$56,224.46	\$57,594.89	\$1,370.43	2.44%	
90,000	\$27,224.39	\$28,372.41	\$1,148.02	4.22%	\$32,252.77	\$32,554.93	\$302.16	0.94%	\$59,477.16	\$60,927.34	\$1,450.18	2.44%	
95,000	\$28,685.27	\$29,896.26	\$1,210.99	4.22%	\$34,044.59	\$34,363.54	\$318.95	0.94%	\$62,729.86	\$64,259.80	\$1,529.94	2.44%	
100,000	\$30,146.15	\$31,420.10	\$1,273.96	4.23%	\$35,836.41	\$36,172.14	\$335.73	0.94%	\$65,982.56	\$67,592.25	\$1,609.69	2.44%	
105,000	\$31,607.03	\$32,943.95	\$1,336.93	4.23%	\$37,628.23	\$37,980.75	\$352.52	0.94%	\$69,235.26	\$70,924.70	\$1,689.45	2.44%	
110,000	\$33,067.90	\$34,467.80	\$1,399.89	4.23%	\$39,420.05	\$39,789.36	\$369.31	0.94%	\$72,487.95	\$74,257.15	\$1,769.20	2.44%	
115,000	\$34,528.78	\$35,991.64	\$1,462.86	4.24%	\$41,211.87	\$41,597.96	\$386.09	0.94%	\$75,740.65	\$77,589.61	\$1,848.95	2.44%	
120,000	\$35,989.66	\$37,515.49	\$1,525.83	4.24%	\$43,003.69	\$43,406.57	\$402.88	0.94%	\$78,993.35	\$80,922.06	\$1,928.71	2.44%	
125,000	\$37,450.54	\$39,039.33	\$1,588.80	4.24%	\$44,795.51	\$45,215.18	\$419.67	0.94%	\$82,246.05	\$84,254.51	\$2,008.46	2.44%	
130,000	\$38,911.42	\$40,563.18	\$1,651.76	4.24%	\$46,587.33	\$47,023.79	\$436.45	0.94%	\$85,498.75	\$87,586.96	\$2,088.22	2.44%	
135,000	\$40,372.29	\$42,087.02	\$1,714.73	4.25%	\$48,379.15	\$48,832.39	\$453.24	0.94%	\$88,751.45	\$90,919.42	\$2,167.97	2.44%	
140,000	\$41,833.17	\$43,610.87	\$1,777.70	4.25%	\$50,170.97	\$50,641.00	\$470.03	0.94%	\$92,004.14	\$94,251.87	\$2,247.73	2.44%	
FY 21					FY 22						Difference	Change	
First 3 therms				\$230.43				\$230.43			(\$0.00)	0.00%	
Next 497 therms				\$1.665000				\$1.702700			\$0.038	2.26%	
Over 500 therms				\$0.283300				\$0.291900			\$0.009	3.04%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.012100				\$0.000000			\$0.012	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.009265			\$0.009	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.002000				\$0.000000			(\$0.002)	-100.00%	
Energy Efficiency Surcharge				\$0.015520				\$0.000000			(\$0.016)	-100.00%	
Monthly Cost of Gas				\$0.342456				\$0.349731			\$0.007	2.12%	
Merchant Function Charge				\$0.011670				\$0.007712			(\$0.004)	-33.91%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 9 - Uncompressed Natural Gas Vehicle Service
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total			
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change
Therm Usage												
0	\$38.45	\$39.79	\$1.34	3.47%	\$0.00	\$0.00	\$0.00	0.00%	\$38.45	\$39.79	\$1.34	3.47%
3	\$38.32	\$39.81	\$1.49	3.89%	\$0.89	\$0.90	\$0.01	0.65%	\$39.21	\$40.71	\$1.50	3.82%
10	\$42.56	\$43.89	\$1.33	3.12%	\$2.97	\$2.99	\$0.02	0.65%	\$45.53	\$46.88	\$1.35	2.96%
100	\$97.04	\$96.27	-\$0.77	-0.79%	\$29.73	\$29.92	\$0.19	0.65%	\$126.77	\$126.19	(\$0.58)	-0.46%
1,000	\$641.86	\$620.10	-\$21.76	-3.39%	\$297.32	\$299.24	\$1.92	0.65%	\$939.19	\$919.35	(\$19.84)	-2.11%
5,000	\$3,063.30	\$2,948.25	-\$115.05	-3.76%	\$1,486.60	\$1,496.22	\$9.61	0.65%	\$4,549.91	\$4,444.47	(\$105.44)	-2.32%
10,000	\$6,090.10	\$5,858.44	-\$231.66	-3.80%	\$2,973.21	\$2,992.43	\$19.22	0.65%	\$9,063.31	\$8,850.87	(\$212.44)	-2.34%
20,000	\$12,143.70	\$11,678.82	-\$464.88	-3.83%	\$5,946.42	\$5,984.86	\$38.44	0.65%	\$18,090.12	\$17,663.68	(\$426.44)	-2.36%
22,000	\$13,354.42	\$12,842.89	-\$511.53	-3.83%	\$6,541.06	\$6,583.35	\$42.29	0.65%	\$19,895.48	\$19,426.24	(\$469.24)	-2.36%
24,000	\$14,565.14	\$14,006.97	-\$558.17	-3.83%	\$7,135.70	\$7,181.83	\$46.13	0.65%	\$21,700.84	\$21,188.80	(\$512.04)	-2.36%
26,000	\$15,775.86	\$15,171.04	-\$604.82	-3.83%	\$7,730.34	\$7,780.32	\$49.98	0.65%	\$23,506.20	\$22,951.36	(\$554.84)	-2.36%
Average	\$17,763.25	\$17,081.87	-\$681.38	-3.84%	\$8,706.45	\$8,762.74	\$56.29	0.65%	\$26,469.70	\$25,844.60	(\$625.10)	-2.36%
30,000	\$18,197.30	\$17,499.19	-\$698.11	-3.84%	\$8,919.63	\$8,977.29	\$57.67	0.65%	\$27,116.92	\$26,476.48	(\$640.44)	-2.36%
35,000	\$21,224.09	\$20,409.38	-\$814.72	-3.84%	\$10,406.23	\$10,473.51	\$67.28	0.65%	\$31,630.33	\$30,882.89	(\$747.44)	-2.36%
40,000	\$24,250.89	\$23,319.56	-\$931.33	-3.84%	\$11,892.84	\$11,969.72	\$76.89	0.65%	\$36,143.73	\$35,289.29	(\$854.44)	-2.36%
36,000	\$21,829.45	\$20,991.41	-\$838.04	-3.84%	\$10,703.55	\$10,772.75	\$69.20	0.65%	\$32,533.01	\$31,764.17	(\$768.84)	-2.36%
38,000	\$23,040.17	\$22,155.49	-\$884.68	-3.84%	\$11,298.19	\$11,371.24	\$73.04	0.65%	\$34,338.37	\$33,526.73	(\$811.64)	-2.36%
40,000	\$24,250.89	\$23,319.56	-\$931.33	-3.84%	\$11,892.84	\$11,969.72	\$76.89	0.65%	\$36,143.73	\$35,289.29	(\$854.44)	-2.36%
42,000	\$25,461.61	\$24,483.64	-\$977.97	-3.84%	\$12,487.48	\$12,568.21	\$80.73	0.65%	\$37,949.09	\$37,051.85	(\$897.24)	-2.36%
44,000	\$26,672.33	\$25,647.71	-\$1,024.62	-3.84%	\$13,082.12	\$13,166.70	\$84.58	0.65%	\$39,754.45	\$38,814.41	(\$940.04)	-2.36%
46,000	\$27,883.05	\$26,811.79	-\$1,071.26	-3.84%	\$13,676.76	\$13,765.18	\$88.42	0.65%	\$41,559.81	\$40,576.97	(\$982.84)	-2.36%
48,000	\$29,093.77	\$27,975.86	-\$1,117.91	-3.84%	\$14,271.40	\$14,363.67	\$92.27	0.65%	\$43,365.17	\$42,339.53	(\$1,025.64)	-2.37%
50,000	\$30,304.49	\$29,139.94	-\$1,164.55	-3.84%	\$14,866.05	\$14,962.16	\$96.11	0.65%	\$45,170.53	\$44,102.09	(\$1,068.44)	-2.37%
52,000	\$31,515.21	\$30,304.01	-\$1,211.19	-3.84%	\$15,460.69	\$15,560.64	\$99.95	0.65%	\$46,975.89	\$45,864.65	(\$1,111.24)	-2.37%
54,000	\$32,725.93	\$31,468.09	-\$1,257.84	-3.84%	\$16,055.33	\$16,159.13	\$103.80	0.65%	\$48,781.26	\$47,627.22	(\$1,154.04)	-2.37%
56,000	\$33,936.65	\$32,632.16	-\$1,304.48	-3.84%	\$16,649.97	\$16,757.61	\$107.64	0.65%	\$50,586.62	\$49,389.78	(\$1,196.84)	-2.37%
58,000	\$35,147.37	\$33,796.24	-\$1,351.13	-3.84%	\$17,244.61	\$17,356.10	\$111.49	0.65%	\$52,391.98	\$51,152.34	(\$1,239.64)	-2.37%
60,000	\$36,358.09	\$34,960.31	-\$1,397.77	-3.84%	\$17,839.25	\$17,954.59	\$115.33	0.65%	\$54,197.34	\$52,914.90	(\$1,282.44)	-2.37%
65,000	\$39,384.88	\$37,870.50	-\$1,514.38	-3.85%	\$19,325.86	\$19,450.80	\$124.94	0.65%	\$58,710.74	\$57,321.30	(\$1,389.44)	-2.37%
70,000	\$42,411.68	\$40,780.69	-\$1,630.99	-3.85%	\$20,812.46	\$20,947.02	\$134.55	0.65%	\$63,224.15	\$61,727.70	(\$1,496.44)	-2.37%
75,000	\$45,438.48	\$43,690.87	-\$1,747.61	-3.85%	\$22,299.07	\$22,443.23	\$144.17	0.65%	\$67,737.55	\$66,134.11	(\$1,603.44)	-2.37%
80,000	\$48,465.28	\$46,601.06	-\$1,864.22	-3.85%	\$23,785.67	\$23,939.45	\$153.78	0.65%	\$72,250.95	\$70,540.51	(\$1,710.44)	-2.37%
85,000	\$51,492.08	\$49,511.25	-\$1,980.83	-3.85%	\$25,272.28	\$25,435.66	\$163.39	0.65%	\$76,764.35	\$74,946.91	(\$1,817.44)	-2.37%
FY 21					FY 22						Difference	Change
First 3 therms				\$38.00				\$38.00			\$0.00	0.00%
Over 3 therms				\$0.642200				\$0.567800			(\$0.074)	-11.59%
Billing & Payment Processing				\$0.000000				\$1.320000			\$1.320	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				-\$0.044000				\$0.000000			\$0.044	-100.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.007354			\$0.007	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.283192				\$0.288608			\$0.005	1.91%
Merchant Function Charge				\$0.010613				\$0.007096			(\$0.004)	-33.13%
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (April - October)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$184.11	\$184.11	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$184.11	\$184.11	\$0.00	0.00%	
10	\$184.06	\$184.20	\$0.14	0.08%	\$4.34	\$4.39	\$0.05	1.19%	\$188.40	\$188.59	\$0.19	0.10%	
50	\$189.24	\$190.69	\$1.46	0.77%	\$21.70	\$21.96	\$0.26	1.19%	\$210.94	\$212.65	\$1.71	0.81%	
100	\$195.71	\$198.82	\$3.10	1.58%	\$43.40	\$43.91	\$0.52	1.19%	\$239.11	\$242.73	\$3.62	1.51%	
200	\$208.67	\$215.06	\$6.39	3.06%	\$86.79	\$87.83	\$1.04	1.19%	\$295.46	\$302.89	\$7.43	2.51%	
300	\$221.62	\$231.30	\$9.68	4.37%	\$130.19	\$131.74	\$1.55	1.19%	\$351.81	\$363.05	\$11.24	3.19%	
400	\$234.57	\$247.55	\$12.97	5.53%	\$173.59	\$175.66	\$2.07	1.19%	\$408.16	\$423.21	\$15.04	3.69%	
500	\$247.53	\$263.79	\$16.26	6.57%	\$216.98	\$219.57	\$2.59	1.19%	\$464.51	\$483.36	\$18.85	4.06%	
1,000	\$312.29	\$345.01	\$32.72	10.48%	\$433.97	\$439.14	\$5.18	1.19%	\$746.26	\$784.15	\$37.90	5.08%	
1,500	\$377.06	\$426.23	\$49.17	13.04%	\$650.95	\$658.72	\$7.77	1.19%	\$1,028.01	\$1,084.95	\$56.94	5.54%	
2,000	\$441.83	\$507.45	\$65.62	14.85%	\$867.93	\$878.29	\$10.36	1.19%	\$1,309.76	\$1,385.74	\$75.98	5.80%	
3,000	\$571.36	\$669.89	\$98.53	17.24%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$1,873.25	\$1,987.32	\$114.06	6.09%	
Average	3,479	\$633.40	\$747.69	\$114.29	18.04%	\$1,509.76	\$1,527.78	\$18.02	1.19%	\$2,143.17	\$2,275.48	\$132.31	6.17%
3,500	\$636.12	\$751.11	\$114.98	18.08%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$2,155.00	\$2,288.11	\$133.11	6.18%	
4,000	\$700.89	\$832.32	\$131.43	18.75%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$2,436.75	\$2,588.90	\$152.15	6.24%	
4,500	\$765.66	\$913.54	\$147.89	19.32%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$2,718.50	\$2,889.69	\$171.19	6.30%	
5,000	\$830.42	\$994.76	\$164.34	19.79%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,000.25	\$3,190.48	\$190.23	6.34%	
5,500	\$895.19	\$1,075.98	\$180.79	20.20%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$3,282.00	\$3,491.27	\$209.28	6.38%	
6,000	\$959.95	\$1,157.20	\$197.25	20.55%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$3,563.74	\$3,792.06	\$228.32	6.41%	
6,500	\$1,024.72	\$1,238.42	\$213.70	20.85%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$3,845.49	\$4,092.85	\$247.36	6.43%	
7,000	\$1,089.49	\$1,319.64	\$230.15	21.12%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$4,127.24	\$4,393.65	\$266.40	6.45%	
7,500	\$1,154.25	\$1,400.86	\$246.61	21.37%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$4,408.99	\$4,694.44	\$285.45	6.47%	
8,000	\$1,219.02	\$1,482.08	\$263.06	21.58%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$4,690.74	\$4,995.23	\$304.49	6.49%	
8,500	\$1,283.78	\$1,563.30	\$279.51	21.77%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$4,972.49	\$5,296.02	\$323.53	6.51%	
9,000	\$1,348.55	\$1,644.51	\$295.97	21.95%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$5,254.24	\$5,596.81	\$342.57	6.52%	
9,500	\$1,413.32	\$1,725.73	\$312.42	22.11%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$5,535.98	\$5,897.60	\$361.62	6.53%	
10,000	\$1,478.08	\$1,806.95	\$328.87	22.25%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$5,817.73	\$6,198.39	\$380.66	6.54%	
10,500	\$1,542.85	\$1,888.17	\$345.32	22.38%	\$4,556.63	\$4,611.01	\$54.38	1.19%	\$6,099.48	\$6,499.18	\$399.70	6.55%	
FY 21					FY 22					Difference		Change	
First 10 therms											\$180.61	\$0.00	0.00%
Over 10 therms											\$0.133000	\$0.151700	14.06%
Billing & Payment Processing											\$1.320000	\$1.320000	0.00%
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge											\$0.000000	\$0.000000	0.00%
Leak Prone Pipe Surcharge											\$0.000000	\$0.000000	0.00%
Revenue Decoupling Mechanism											\$0.000000	\$0.000000	0.00%
Electric Generator Revenue											\$0.000000	\$0.000000	0.00%
TC/IT Revenue Surcharge / Credit											\$0.000000	\$0.000000	0.00%
Gas Safety and Reliability Surcharge											\$0.000000	\$0.000000	0.00%
Tax Reform											-\$0.005000	\$0.000000	-100.00%
NY Facilities System Surcharge / Surcredit											\$0.000000	\$0.000000	0.00%
Earning Adjustment Mechanism											\$0.000000	\$0.000000	0.00%
Non Labor Demand Response O&M Cost											\$0.000000	\$0.000000	0.00%
Demand Capacity Surcharge Mechanism											\$0.000000	\$0.008817	0.00%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms											\$0.000000	\$0.000000	0.00%
Clean Energy Fund											\$0.000000	\$0.000000	0.00%
Energy Efficiency Surcharge											\$0.000000	\$0.000000	0.00%
Monthly Cost of Gas											\$0.415854	\$0.425474	2.31%
Merchant Function Charge											\$0.012978	\$0.008476	-34.69%
GRT on Delivery											1.010000%	1.010000%	0.00%
GRT on Supply											1.010000%	1.010000%	0.00%
MTA on Delivery											0.185000%	0.185000%	0.00%
MTA on Supply											0.185000%	0.185000%	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (November - March)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$184.11	\$184.11	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$184.11	\$184.11	\$0.00	0.00%	
10	\$184.06	\$184.20	\$0.14	0.08%	\$4.34	\$4.39	\$0.05	1.19%	\$188.40	\$188.59	\$0.19	0.10%	
50	\$190.78	\$192.44	\$1.67	0.87%	\$21.70	\$21.96	\$0.26	1.19%	\$212.47	\$214.40	\$1.93	0.91%	
100	\$199.18	\$202.75	\$3.57	1.79%	\$43.40	\$43.91	\$0.52	1.19%	\$242.57	\$246.67	\$4.09	1.69%	
200	\$215.97	\$223.37	\$7.39	3.42%	\$86.79	\$87.83	\$1.04	1.19%	\$302.77	\$311.19	\$8.43	2.78%	
300	\$232.77	\$243.98	\$11.21	4.82%	\$130.19	\$131.74	\$1.55	1.19%	\$362.96	\$375.72	\$12.76	3.52%	
400	\$249.57	\$264.60	\$15.03	6.02%	\$173.59	\$175.66	\$2.07	1.19%	\$423.16	\$440.25	\$17.10	4.04%	
500	\$266.37	\$285.21	\$18.84	7.07%	\$216.98	\$219.57	\$2.59	1.19%	\$483.35	\$504.78	\$21.43	4.43%	
1,000	\$350.36	\$388.29	\$37.93	10.82%	\$433.97	\$439.14	\$5.18	1.19%	\$784.33	\$827.43	\$43.11	5.50%	
1,500	\$434.36	\$491.37	\$57.01	13.13%	\$650.95	\$658.72	\$7.77	1.19%	\$1,085.30	\$1,150.08	\$64.78	5.97%	
2,000	\$518.35	\$594.45	\$76.09	14.68%	\$867.93	\$878.29	\$10.36	1.19%	\$1,386.28	\$1,472.73	\$86.45	6.24%	
3,000	\$686.34	\$800.60	\$114.26	16.65%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$1,988.23	\$2,118.03	\$129.80	6.53%	
Average	3,479	\$766.80	\$899.35	\$132.55	17.29%	\$1,509.76	\$1,527.78	\$18.02	1.19%	\$2,276.57	\$2,427.13	\$150.56	6.61%
3,500	\$770.33	\$903.68	\$133.35	17.31%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$2,289.21	\$2,440.68	\$151.47	6.62%	
4,000	\$854.32	\$1,006.76	\$152.43	17.84%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$2,590.18	\$2,763.33	\$173.15	6.68%	
4,500	\$938.32	\$1,109.83	\$171.52	18.28%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$2,891.16	\$3,085.98	\$194.82	6.74%	
5,000	\$1,022.31	\$1,212.91	\$190.60	18.64%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,192.14	\$3,408.63	\$216.49	6.78%	
5,500	\$1,106.30	\$1,315.99	\$209.68	18.95%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$3,493.11	\$3,731.28	\$238.17	6.82%	
6,000	\$1,190.30	\$1,419.07	\$228.77	19.22%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$3,794.09	\$4,053.93	\$259.84	6.85%	
6,500	\$1,274.29	\$1,522.14	\$247.85	19.45%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$4,095.06	\$4,376.58	\$281.51	6.87%	
7,000	\$1,358.28	\$1,625.22	\$266.94	19.65%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$4,396.04	\$4,699.23	\$303.19	6.90%	
7,500	\$1,442.28	\$1,728.30	\$286.02	19.83%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$4,697.02	\$5,021.88	\$324.86	6.92%	
8,000	\$1,526.27	\$1,831.38	\$305.10	19.99%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$4,997.99	\$5,344.53	\$346.53	6.93%	
8,500	\$1,610.26	\$1,934.45	\$324.19	20.13%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$5,298.97	\$5,667.18	\$368.21	6.95%	
9,000	\$1,694.26	\$2,037.53	\$343.27	20.26%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$5,599.94	\$5,989.83	\$389.88	6.96%	
9,500	\$1,778.25	\$2,140.61	\$362.36	20.38%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$5,900.92	\$6,312.48	\$411.55	6.97%	
10,000	\$1,862.25	\$2,243.69	\$381.44	20.48%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$6,201.90	\$6,635.12	\$433.23	6.99%	
10,500	\$1,946.24	\$2,346.76	\$400.53	20.58%	\$4,556.63	\$4,611.01	\$54.38	1.19%	\$6,502.87	\$6,957.77	\$454.90	7.00%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$180.61				\$180.61			\$0.00	0.00%	
Over 10 therms				\$0.171000				\$0.194900			\$0.024	13.98%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.005000				\$0.000000			\$0.005	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.008817			\$0.009	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (April - October)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$333.48	\$333.48	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$333.48	\$333.48	\$0.00	0.00%	
10	\$333.43	\$333.57	\$0.14	0.04%	\$4.34	\$4.39	\$0.05	1.19%	\$337.77	\$337.96	\$0.19	0.06%	
50	\$338.61	\$340.07	\$1.46	0.43%	\$21.70	\$21.96	\$0.26	1.19%	\$360.31	\$362.03	\$1.71	0.48%	
100	\$345.09	\$348.19	\$3.10	0.90%	\$43.40	\$43.91	\$0.52	1.19%	\$388.49	\$392.11	\$3.62	0.93%	
200	\$358.04	\$364.44	\$6.39	1.79%	\$86.79	\$87.83	\$1.04	1.19%	\$444.84	\$452.27	\$7.43	1.67%	
300	\$371.00	\$380.68	\$9.68	2.61%	\$130.19	\$131.74	\$1.55	1.19%	\$501.19	\$512.42	\$11.24	2.24%	
400	\$383.95	\$396.92	\$12.97	3.38%	\$173.59	\$175.66	\$2.07	1.19%	\$557.54	\$572.58	\$15.04	2.70%	
500	\$396.90	\$413.17	\$16.26	4.10%	\$216.98	\$219.57	\$2.59	1.19%	\$613.89	\$632.74	\$18.85	3.07%	
1,000	\$461.67	\$494.39	\$32.72	7.09%	\$433.97	\$439.14	\$5.18	1.19%	\$895.64	\$933.53	\$37.90	4.23%	
1,500	\$526.44	\$575.61	\$49.17	9.34%	\$650.95	\$658.72	\$7.77	1.19%	\$1,177.38	\$1,234.32	\$56.94	4.84%	
2,000	\$591.20	\$656.83	\$65.62	11.10%	\$867.93	\$878.29	\$10.36	1.19%	\$1,459.13	\$1,535.11	\$75.98	5.21%	
3,000	\$720.73	\$819.26	\$98.53	13.67%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,022.63	\$2,136.69	\$114.06	5.64%	
Average	3,479	\$782.78	\$897.07	\$114.29	14.60%	\$1,509.76	\$1,527.78	\$18.02	1.19%	\$2,292.54	\$2,424.85	\$132.31	5.77%
3,500	\$785.50	\$900.48	\$114.98	14.64%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$2,304.38	\$2,437.49	\$133.11	5.78%	
4,000	\$850.27	\$981.70	\$131.43	15.46%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$2,586.13	\$2,738.28	\$152.15	5.88%	
4,500	\$915.03	\$1,062.92	\$147.89	16.16%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$2,867.88	\$3,039.07	\$171.19	5.97%	
5,000	\$979.80	\$1,144.14	\$164.34	16.77%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,149.62	\$3,339.86	\$190.23	6.04%	
5,500	\$1,044.56	\$1,225.36	\$180.79	17.31%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$3,431.37	\$3,640.65	\$209.28	6.10%	
6,000	\$1,109.33	\$1,306.58	\$197.25	17.78%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$3,713.12	\$3,941.44	\$228.32	6.15%	
6,500	\$1,174.10	\$1,387.80	\$213.70	18.20%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$3,994.87	\$4,242.23	\$247.36	6.19%	
7,000	\$1,238.86	\$1,469.02	\$230.15	18.58%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$4,276.62	\$4,543.02	\$266.40	6.23%	
7,500	\$1,303.63	\$1,550.23	\$246.61	18.92%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$4,558.37	\$4,843.81	\$285.45	6.26%	
8,000	\$1,368.39	\$1,631.45	\$263.06	19.22%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$4,840.12	\$5,144.60	\$304.49	6.29%	
8,500	\$1,433.16	\$1,712.67	\$279.51	19.50%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$5,121.86	\$5,445.40	\$323.53	6.32%	
9,000	\$1,497.93	\$1,793.89	\$295.97	19.76%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$5,403.61	\$5,746.19	\$342.57	6.34%	
9,500	\$1,562.69	\$1,875.11	\$312.42	19.99%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$5,685.36	\$6,046.98	\$361.62	6.36%	
10,000	\$1,627.46	\$1,956.33	\$328.87	20.21%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$5,967.11	\$6,347.77	\$380.66	6.38%	
10,500	\$1,692.22	\$2,037.55	\$345.32	20.41%	\$4,556.63	\$4,611.01	\$54.38	1.19%	\$6,248.86	\$6,648.56	\$399.70	6.40%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$328.22				\$328.22			\$0.00	0.00%	
Over 10 therms				\$0.133000				\$0.151700			\$0.019	14.06%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.005000				\$0.000000			\$0.005	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.008817			\$0.009	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (November - March)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$333.48	\$333.48	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$333.48	\$333.48	\$0.00	0.00%	
10	\$333.43	\$333.57	\$0.14	0.04%	\$4.34	\$4.39	\$0.05	1.19%	\$337.77	\$337.96	\$0.19	0.06%	
50	\$340.15	\$341.82	\$1.67	0.49%	\$21.70	\$21.96	\$0.26	1.19%	\$361.85	\$363.78	\$1.93	0.53%	
100	\$348.55	\$352.13	\$3.57	1.03%	\$43.40	\$43.91	\$0.52	1.19%	\$391.95	\$396.04	\$4.09	1.04%	
200	\$365.35	\$372.74	\$7.39	2.02%	\$86.79	\$87.83	\$1.04	1.19%	\$452.14	\$460.57	\$8.43	1.86%	
300	\$382.15	\$393.36	\$11.21	2.93%	\$130.19	\$131.74	\$1.55	1.19%	\$512.34	\$525.10	\$12.76	2.49%	
400	\$398.95	\$413.97	\$15.03	3.77%	\$173.59	\$175.66	\$2.07	1.19%	\$572.53	\$589.63	\$17.10	2.99%	
500	\$415.75	\$434.59	\$18.84	4.53%	\$216.98	\$219.57	\$2.59	1.19%	\$632.73	\$654.16	\$21.43	3.39%	
1,000	\$499.74	\$537.67	\$37.93	7.59%	\$433.97	\$439.14	\$5.18	1.19%	\$933.71	\$976.81	\$43.11	4.62%	
1,500	\$583.73	\$640.74	\$57.01	9.77%	\$650.95	\$658.72	\$7.77	1.19%	\$1,234.68	\$1,299.46	\$64.78	5.25%	
2,000	\$667.73	\$743.82	\$76.09	11.40%	\$867.93	\$878.29	\$10.36	1.19%	\$1,535.66	\$1,622.11	\$86.45	5.63%	
3,000	\$835.71	\$949.98	\$114.26	13.67%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$2,137.61	\$2,267.41	\$129.80	6.07%	
Average	3,479	\$916.18	\$1,048.73	\$132.55	14.47%	\$1,509.76	\$1,527.78	\$18.02	1.19%	\$2,425.94	\$2,576.51	\$150.56	6.21%
3,500	\$919.71	\$1,053.05	\$133.35	14.50%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$2,438.59	\$2,590.06	\$151.47	6.21%	
4,000	\$1,003.70	\$1,156.13	\$152.43	15.19%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$2,739.56	\$2,912.71	\$173.15	6.32%	
4,500	\$1,087.69	\$1,259.21	\$171.52	15.77%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$3,040.54	\$3,235.36	\$194.82	6.41%	
5,000	\$1,171.69	\$1,362.29	\$190.60	16.27%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$3,341.51	\$3,558.01	\$216.49	6.48%	
5,500	\$1,255.68	\$1,465.36	\$209.68	16.70%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$3,642.49	\$3,880.66	\$238.17	6.54%	
6,000	\$1,339.67	\$1,568.44	\$228.77	17.08%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$3,943.47	\$4,203.31	\$259.84	6.59%	
6,500	\$1,423.67	\$1,671.52	\$247.85	17.41%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$4,244.44	\$4,525.95	\$281.51	6.63%	
7,000	\$1,507.66	\$1,774.60	\$266.94	17.71%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$4,545.42	\$4,848.60	\$303.19	6.67%	
7,500	\$1,591.65	\$1,877.67	\$286.02	17.97%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$4,846.39	\$5,171.25	\$324.86	6.70%	
8,000	\$1,675.65	\$1,980.75	\$305.10	18.21%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$5,147.37	\$5,493.90	\$346.53	6.73%	
8,500	\$1,759.64	\$2,083.83	\$324.19	18.42%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$5,448.35	\$5,816.55	\$368.21	6.76%	
9,000	\$1,843.63	\$2,186.91	\$343.27	18.62%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$5,749.32	\$6,139.20	\$389.88	6.78%	
9,500	\$1,927.63	\$2,289.99	\$362.36	18.80%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$6,050.30	\$6,461.85	\$411.55	6.80%	
10,000	\$2,011.62	\$2,393.06	\$381.44	18.96%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$6,351.27	\$6,784.50	\$433.23	6.82%	
10,500	\$2,095.62	\$2,496.14	\$400.53	19.11%	\$4,556.63	\$4,611.01	\$54.38	1.19%	\$6,652.25	\$7,107.15	\$454.90	6.84%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$328.22				\$328.22			\$0.00	0.00%	
Over 10 therms				\$0.171000				\$0.194900			\$0.024	13.98%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.005000				\$0.000000			\$0.005	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.008817			\$0.009	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 3 - equal to or greater than 5 MW but less than 50 MW (April - October)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$95,864.47	\$95,864.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$95,864.47	\$95,864.47	\$0.00	0.00%	
10	\$95,864.42	\$95,864.56	\$0.14	0.00%	\$4.34	\$4.39	\$0.05	1.19%	\$95,868.76	\$95,868.95	\$0.19	0.00%	
50	\$95,865.55	\$95,866.44	\$0.89	0.00%	\$21.70	\$21.96	\$0.26	1.19%	\$95,887.25	\$95,888.40	\$1.14	0.00%	
100	\$95,866.97	\$95,868.79	\$1.82	0.00%	\$43.40	\$43.91	\$0.52	1.19%	\$95,910.37	\$95,912.70	\$2.34	0.00%	
200	\$95,869.80	\$95,873.49	\$3.68	0.00%	\$86.79	\$87.83	\$1.04	1.19%	\$95,956.60	\$95,961.31	\$4.72	0.00%	
300	\$95,872.64	\$95,878.18	\$5.54	0.01%	\$130.19	\$131.74	\$1.55	1.19%	\$96,002.83	\$96,009.93	\$7.10	0.01%	
400	\$95,875.47	\$95,882.88	\$7.41	0.01%	\$173.59	\$175.66	\$2.07	1.19%	\$96,049.06	\$96,058.54	\$9.48	0.01%	
500	\$95,878.31	\$95,887.58	\$9.27	0.01%	\$216.98	\$219.57	\$2.59	1.19%	\$96,095.29	\$96,107.15	\$11.86	0.01%	
1,000	\$95,892.47	\$95,911.06	\$18.59	0.02%	\$433.97	\$439.14	\$5.18	1.19%	\$96,326.44	\$96,350.21	\$23.77	0.02%	
1,500	\$95,906.64	\$95,934.55	\$27.91	0.03%	\$650.95	\$658.72	\$7.77	1.19%	\$96,557.59	\$96,593.27	\$35.68	0.04%	
2,000	\$95,920.81	\$95,958.04	\$37.23	0.04%	\$867.93	\$878.29	\$10.36	1.19%	\$96,788.74	\$96,836.32	\$47.59	0.05%	
3,000	\$95,949.14	\$96,005.01	\$55.87	0.06%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$97,251.04	\$97,322.44	\$71.40	0.07%	
Average	3,479	\$95,962.72	\$96,027.51	\$64.79	0.07%	\$1,509.76	\$1,527.78	\$18.02	1.19%	\$97,472.48	\$97,555.29	\$82.81	0.08%
3,500	\$95,963.31	\$96,028.49	\$65.18	0.07%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$97,482.19	\$97,565.50	\$83.31	0.09%	
4,000	\$95,977.48	\$96,051.98	\$74.50	0.08%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$97,713.34	\$97,808.56	\$95.22	0.10%	
4,500	\$95,991.65	\$96,075.47	\$83.82	0.09%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$97,944.49	\$98,051.61	\$107.13	0.11%	
5,000	\$96,005.81	\$96,098.95	\$93.14	0.10%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$98,175.64	\$98,294.67	\$119.03	0.12%	
5,500	\$96,019.98	\$96,122.44	\$102.46	0.11%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$98,406.79	\$98,537.73	\$130.94	0.13%	
6,000	\$96,034.15	\$96,145.93	\$111.78	0.12%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$98,637.94	\$98,780.79	\$142.85	0.14%	
6,500	\$96,048.32	\$96,169.41	\$121.10	0.13%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$98,869.09	\$99,023.85	\$154.76	0.16%	
7,000	\$96,062.48	\$96,192.90	\$130.41	0.14%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$99,100.24	\$99,266.90	\$166.67	0.17%	
7,500	\$96,076.65	\$96,216.38	\$139.73	0.15%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$99,331.39	\$99,509.96	\$178.57	0.18%	
8,000	\$96,090.82	\$96,239.87	\$149.05	0.16%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$99,562.54	\$99,753.02	\$190.48	0.19%	
8,500	\$96,104.99	\$96,263.36	\$158.37	0.16%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$99,793.69	\$99,996.08	\$202.39	0.20%	
9,000	\$96,119.15	\$96,286.84	\$167.69	0.17%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$100,024.84	\$100,239.14	\$214.30	0.21%	
9,500	\$96,133.32	\$96,310.33	\$177.01	0.18%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$100,255.99	\$100,482.20	\$226.21	0.23%	
10,000	\$96,147.49	\$96,333.82	\$186.33	0.19%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$100,487.14	\$100,725.25	\$238.11	0.24%	
10,500	\$96,161.66	\$96,357.30	\$195.64	0.20%	\$4,556.63	\$4,611.01	\$54.38	1.19%	\$100,718.29	\$100,968.31	\$250.02	0.25%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$949.35				\$949.35			\$0.00	0.00%	
Over 10 therms				\$0.033000				\$0.037600			\$0.005	13.94%	
Monthly Demand Charge*				\$6,252.00				\$6,252.00			\$0.000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.005000				\$0.000000			\$0.005	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.008817			\$0.009	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 3 - equal to or greater than 5 MW but less than 50 MW (November - March)
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$95,864.47	\$95,864.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$95,864.47	\$95,864.47	\$0.00	0.00%	
10	\$95,864.42	\$95,864.56	\$0.14	0.00%	\$4.34	\$4.39	\$0.05	1.19%	\$95,868.76	\$95,868.95	\$0.19	0.00%	
50	\$95,866.04	\$95,866.99	\$0.95	0.00%	\$21.70	\$21.96	\$0.26	1.19%	\$95,887.74	\$95,888.95	\$1.21	0.00%	
100	\$95,868.06	\$95,870.04	\$1.97	0.00%	\$43.40	\$43.91	\$0.52	1.19%	\$95,911.46	\$95,913.95	\$2.49	0.00%	
200	\$95,872.11	\$95,876.12	\$4.01	0.00%	\$86.79	\$87.83	\$1.04	1.19%	\$95,958.90	\$95,963.95	\$5.04	0.01%	
300	\$95,876.16	\$95,882.20	\$6.04	0.01%	\$130.19	\$131.74	\$1.55	1.19%	\$96,006.35	\$96,013.95	\$7.60	0.01%	
400	\$95,880.21	\$95,888.29	\$8.08	0.01%	\$173.59	\$175.66	\$2.07	1.19%	\$96,053.79	\$96,063.94	\$10.15	0.01%	
500	\$95,884.26	\$95,894.37	\$10.12	0.01%	\$216.98	\$219.57	\$2.59	1.19%	\$96,101.24	\$96,113.94	\$12.70	0.01%	
1,000	\$95,904.49	\$95,924.79	\$20.29	0.02%	\$433.97	\$439.14	\$5.18	1.19%	\$96,338.46	\$96,363.93	\$25.47	0.03%	
1,500	\$95,924.73	\$95,955.21	\$30.47	0.03%	\$650.95	\$658.72	\$7.77	1.19%	\$96,575.68	\$96,613.92	\$38.24	0.04%	
2,000	\$95,944.97	\$95,985.63	\$40.65	0.04%	\$867.93	\$878.29	\$10.36	1.19%	\$96,812.90	\$96,863.91	\$51.01	0.05%	
3,000	\$95,985.45	\$96,046.46	\$61.01	0.06%	\$1,301.90	\$1,317.43	\$15.54	1.19%	\$97,287.35	\$97,363.89	\$76.55	0.08%	
Average	3,479	\$96,004.84	\$96,075.60	\$70.76	0.07%	\$1,509.76	\$1,527.78	\$18.02	1.19%	\$97,514.61	\$97,603.38	\$88.78	0.09%
3,500	\$96,005.69	\$96,076.88	\$71.19	0.07%	\$1,518.88	\$1,537.00	\$18.13	1.19%	\$97,524.57	\$97,613.88	\$89.31	0.09%	
4,000	\$96,025.93	\$96,107.30	\$81.37	0.08%	\$1,735.86	\$1,756.58	\$20.71	1.19%	\$97,761.79	\$97,863.87	\$102.08	0.10%	
4,500	\$96,046.17	\$96,137.72	\$91.55	0.10%	\$1,952.84	\$1,976.15	\$23.30	1.19%	\$97,999.01	\$98,113.86	\$114.85	0.12%	
5,000	\$96,066.41	\$96,168.13	\$101.72	0.11%	\$2,169.83	\$2,195.72	\$25.89	1.19%	\$98,236.24	\$98,363.85	\$127.62	0.13%	
5,500	\$96,086.65	\$96,198.55	\$111.90	0.12%	\$2,386.81	\$2,415.29	\$28.48	1.19%	\$98,473.46	\$98,613.84	\$140.39	0.14%	
6,000	\$96,106.89	\$96,228.97	\$122.08	0.13%	\$2,603.79	\$2,634.86	\$31.07	1.19%	\$98,710.68	\$98,863.83	\$153.15	0.16%	
6,500	\$96,127.13	\$96,259.39	\$132.26	0.14%	\$2,820.77	\$2,854.44	\$33.66	1.19%	\$98,947.90	\$99,113.82	\$165.92	0.17%	
7,000	\$96,147.37	\$96,289.81	\$142.44	0.15%	\$3,037.76	\$3,074.01	\$36.25	1.19%	\$99,185.12	\$99,363.81	\$178.69	0.18%	
7,500	\$96,167.61	\$96,320.23	\$152.62	0.16%	\$3,254.74	\$3,293.58	\$38.84	1.19%	\$99,422.35	\$99,613.80	\$191.46	0.19%	
8,000	\$96,187.85	\$96,350.64	\$162.80	0.17%	\$3,471.72	\$3,513.15	\$41.43	1.19%	\$99,659.57	\$99,863.79	\$204.23	0.20%	
8,500	\$96,208.09	\$96,381.06	\$172.98	0.18%	\$3,688.70	\$3,732.72	\$44.02	1.19%	\$99,896.79	\$100,113.78	\$216.99	0.22%	
9,000	\$96,228.32	\$96,411.48	\$183.15	0.19%	\$3,905.69	\$3,952.29	\$46.61	1.19%	\$100,134.01	\$100,363.77	\$229.76	0.23%	
9,500	\$96,248.56	\$96,441.90	\$193.33	0.20%	\$4,122.67	\$4,171.87	\$49.20	1.19%	\$100,371.23	\$100,613.76	\$242.53	0.24%	
10,000	\$96,268.80	\$96,472.32	\$203.51	0.21%	\$4,339.65	\$4,391.44	\$51.79	1.19%	\$100,608.46	\$100,863.75	\$255.30	0.25%	
10,500	\$96,289.04	\$96,502.73	\$213.69	0.22%	\$4,556.63	\$4,611.01	\$54.38	1.19%	\$100,845.68	\$101,113.74	\$268.07	0.27%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$949.35				\$949.35			\$0.00	0.00%	
Over 10 therms				\$0.045000				\$0.051300			\$0.006	14.00%	
Monthly Demand Charge*				\$6,252.00				\$6,252.00			\$0.00	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.005000				\$0.000000			\$0.005	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.008817			\$0.009	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.415854				\$0.425474			\$0.010	2.31%	
Merchant Function Charge				\$0.012978				\$0.008476			(\$0.005)	-34.69%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
Non-Firm Demand Response: Tier 1
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$380.82	\$380.82	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$380.82	\$380.82	\$0.00	0.00%	
10	\$380.79	\$380.87	\$0.09	0.02%	\$2.92	\$2.58	-\$0.35	-11.92%	\$383.71	\$383.45	(\$0.26)	-0.07%	
50	\$392.43	\$384.14	-\$8.29	-2.11%	\$14.62	\$12.88	-\$1.74	-11.92%	\$407.05	\$397.02	(\$10.03)	-2.46%	
100	\$406.98	\$388.23	-\$18.75	-4.61%	\$29.24	\$25.76	-\$3.48	-11.92%	\$436.22	\$413.99	(\$22.24)	-5.10%	
500	\$523.40	\$420.91	-\$102.48	-19.58%	\$146.22	\$128.79	-\$17.42	-11.92%	\$669.61	\$549.71	(\$119.91)	-17.91%	
1,000	\$668.92	\$461.77	-\$207.14	-30.97%	\$292.43	\$257.58	-\$34.85	-11.92%	\$961.35	\$719.36	(\$241.99)	-25.17%	
1,500	\$814.44	\$502.63	-\$311.81	-38.28%	\$438.65	\$386.37	-\$52.27	-11.92%	\$1,253.08	\$889.01	(\$364.08)	-29.05%	
2,000	\$959.96	\$543.49	-\$416.47	-43.38%	\$584.86	\$515.17	-\$69.69	-11.92%	\$1,544.82	\$1,058.66	(\$486.16)	-31.47%	
2,500	\$1,105.48	\$584.35	-\$521.13	-47.14%	\$731.08	\$643.96	-\$87.12	-11.92%	\$1,836.56	\$1,228.31	(\$608.25)	-33.12%	
3,000	\$1,251.00	\$625.21	-\$625.79	-50.02%	\$877.29	\$772.75	-\$104.54	-11.92%	\$2,128.29	\$1,397.96	(\$730.34)	-34.32%	
4,000	\$1,542.04	\$706.93	-\$835.12	-54.16%	\$1,169.72	\$1,030.33	-\$139.39	-11.92%	\$2,711.76	\$1,737.26	(\$974.51)	-35.94%	
4,500	\$1,687.57	\$747.79	-\$939.78	-55.69%	\$1,315.94	\$1,159.12	-\$156.81	-11.92%	\$3,003.50	\$1,906.91	(\$1,096.59)	-36.51%	
Average	4,875	\$1,796.66	\$778.42	-\$1,018.25	-56.67%	\$1,425.55	\$1,255.68	-\$169.88	-11.92%	\$3,222.22	\$2,034.10	(\$1,188.12)	-36.87%
5,000	\$1,833.09	\$788.64	-\$1,044.44	-56.98%	\$1,462.15	\$1,287.91	-\$174.24	-11.92%	\$3,295.24	\$2,076.56	(\$1,218.68)	-36.98%	
5,500	\$1,978.61	\$829.50	-\$1,149.10	-58.08%	\$1,608.37	\$1,416.71	-\$191.66	-11.92%	\$3,586.97	\$2,246.21	(\$1,340.76)	-37.38%	
6,000	\$2,124.13	\$870.36	-\$1,253.77	-59.02%	\$1,754.58	\$1,545.50	-\$209.08	-11.92%	\$3,878.71	\$2,415.86	(\$1,462.85)	-37.71%	
6,500	\$2,269.65	\$911.22	-\$1,358.43	-59.85%	\$1,900.80	\$1,674.29	-\$226.51	-11.92%	\$4,170.45	\$2,585.51	(\$1,584.94)	-38.00%	
7,000	\$2,415.17	\$952.08	-\$1,463.09	-60.58%	\$2,047.01	\$1,803.08	-\$243.93	-11.92%	\$4,462.18	\$2,755.16	(\$1,707.02)	-38.26%	
7,500	\$2,560.69	\$992.94	-\$1,567.75	-61.22%	\$2,193.23	\$1,931.87	-\$261.36	-11.92%	\$4,753.92	\$2,924.81	(\$1,829.11)	-38.48%	
8,000	\$2,706.21	\$1,033.80	-\$1,672.41	-61.80%	\$2,339.44	\$2,060.66	-\$278.78	-11.92%	\$5,045.65	\$3,094.46	(\$1,951.19)	-38.67%	
8,500	\$2,851.73	\$1,074.66	-\$1,777.08	-62.32%	\$2,485.66	\$2,189.45	-\$296.20	-11.92%	\$5,337.39	\$3,264.11	(\$2,073.28)	-38.84%	
9,000	\$2,997.25	\$1,115.52	-\$1,881.74	-62.78%	\$2,631.87	\$2,318.25	-\$313.63	-11.92%	\$5,629.13	\$3,433.76	(\$2,195.37)	-39.00%	
9,500	\$3,142.78	\$1,156.37	-\$1,986.40	-63.21%	\$2,778.09	\$2,447.04	-\$331.05	-11.92%	\$5,920.86	\$3,603.41	(\$2,317.45)	-39.14%	
10,000	\$3,288.30	\$1,197.23	-\$2,091.06	-63.59%	\$2,924.30	\$2,575.83	-\$348.47	-11.92%	\$6,212.60	\$3,773.06	(\$2,439.54)	-39.27%	
10,500	\$3,433.82	\$1,238.09	-\$2,195.73	-63.94%	\$3,070.52	\$2,704.62	-\$365.90	-11.92%	\$6,504.34	\$3,942.71	(\$2,561.62)	-39.38%	
11,000	\$3,579.34	\$1,278.95	-\$2,300.39	-64.27%	\$3,216.73	\$2,833.41	-\$383.32	-11.92%	\$6,796.07	\$4,112.36	(\$2,683.71)	-39.49%	
11,500	\$3,724.86	\$1,319.81	-\$2,405.05	-64.57%	\$3,362.95	\$2,962.20	-\$400.74	-11.92%	\$7,087.81	\$4,282.01	(\$2,805.79)	-39.59%	
12,000	\$3,870.38	\$1,360.67	-\$2,509.71	-64.84%	\$3,509.16	\$3,090.99	-\$418.17	-11.92%	\$7,379.54	\$4,451.66	(\$2,927.88)	-39.68%	
12,500	\$4,015.90	\$1,401.53	-\$2,614.37	-65.10%	\$3,655.38	\$3,219.79	-\$435.59	-11.92%	\$7,671.28	\$4,621.31	(\$3,049.97)	-39.76%	
13,000	\$4,161.42	\$1,442.39	-\$2,719.04	-65.34%	\$3,801.59	\$3,348.58	-\$453.02	-11.92%	\$7,963.02	\$4,790.96	(\$3,172.05)	-39.83%	
13,500	\$4,306.94	\$1,483.25	-\$2,823.70	-65.56%	\$3,947.81	\$3,477.37	-\$470.44	-11.92%	\$8,254.75	\$4,960.62	(\$3,294.14)	-39.91%	
14,000	\$4,452.47	\$1,524.11	-\$2,928.36	-65.77%	\$4,094.02	\$3,606.16	-\$487.86	-11.92%	\$8,546.49	\$5,130.27	(\$3,416.22)	-39.97%	
14,500	\$4,597.99	\$1,564.96	-\$3,033.02	-65.96%	\$4,240.24	\$3,734.95	-\$505.29	-11.92%	\$8,838.23	\$5,299.92	(\$3,538.31)	-40.03%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 therms				\$0.291400				\$0.076000			(\$0.215)	-73.92%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.003800				\$0.000000			\$0.004	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.004751			\$0.005	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.281092				\$0.250377			(\$0.031)	-10.93%	
Merchant Function Charge				\$0.007880				\$0.004160			(\$0.004)	-47.21%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
Non-Firm Demand Response: Tier 2
Rate Year One (FY 21) vs. Rate Year Two (FY 22)

	Delivery				Commodity				Total				
	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	FY 21	FY 22	Difference	Change	
Therm Usage													
0	\$380.82	\$380.82	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$380.82	\$380.82	\$0.00	0.00%	
10	\$380.79	\$380.87	\$0.09	0.02%	\$2.53	\$2.54	\$0.01	0.27%	\$383.32	\$383.41	\$0.09	0.02%	
50	\$392.43	\$383.53	-\$8.90	-2.27%	\$12.65	\$12.68	\$0.03	0.27%	\$405.08	\$396.21	(\$8.87)	-2.19%	
100	\$406.98	\$386.84	-\$20.14	-4.95%	\$25.30	\$25.36	\$0.07	0.27%	\$432.28	\$412.21	(\$20.07)	-4.64%	
1,000	\$668.92	\$446.54	-\$222.37	-33.24%	\$252.97	\$253.64	\$0.67	0.27%	\$921.88	\$700.18	(\$221.70)	-24.05%	
2,000	\$959.96	\$512.88	-\$447.08	-46.57%	\$505.93	\$507.27	\$1.34	0.27%	\$1,465.89	\$1,020.15	(\$445.74)	-30.41%	
3,000	\$1,251.00	\$579.22	-\$671.79	-53.70%	\$758.90	\$760.91	\$2.01	0.27%	\$2,009.90	\$1,340.13	(\$669.77)	-33.32%	
4,000	\$1,542.04	\$645.55	-\$896.49	-58.14%	\$1,011.86	\$1,014.55	\$2.68	0.27%	\$2,553.91	\$1,660.10	(\$893.81)	-35.00%	
5,000	\$1,833.09	\$711.89	-\$1,121.20	-61.16%	\$1,264.83	\$1,268.18	\$3.36	0.27%	\$3,097.91	\$1,980.07	(\$1,117.84)	-36.08%	
6,000	\$2,124.13	\$778.22	-\$1,345.90	-63.36%	\$1,517.79	\$1,521.82	\$4.03	0.27%	\$3,641.92	\$2,300.04	(\$1,341.88)	-36.85%	
7,000	\$2,415.17	\$844.56	-\$1,570.61	-65.03%	\$1,770.76	\$1,775.45	\$4.70	0.27%	\$4,185.93	\$2,620.02	(\$1,565.91)	-37.41%	
8,000	\$2,706.21	\$910.90	-\$1,795.32	-66.34%	\$2,023.72	\$2,029.09	\$5.37	0.27%	\$4,729.94	\$2,939.99	(\$1,789.95)	-37.84%	
Average	9,967	\$3,278.57	\$1,041.35	-\$2,237.22	-68.24%	\$2,521.20	\$2,527.89	\$6.69	0.27%	\$5,799.77	\$3,569.24	(\$2,230.53)	-38.46%
10,000	\$3,288.30	\$1,043.57	-\$2,244.73	-68.26%	\$2,529.65	\$2,536.36	\$6.71	0.27%	\$5,817.95	\$3,579.93	(\$2,238.02)	-38.47%	
10,500	\$3,433.82	\$1,076.74	-\$2,357.08	-68.64%	\$2,656.14	\$2,663.18	\$7.05	0.27%	\$6,089.95	\$3,739.92	(\$2,350.04)	-38.59%	
11,000	\$3,579.34	\$1,109.90	-\$2,469.44	-68.99%	\$2,782.62	\$2,790.00	\$7.38	0.27%	\$6,361.96	\$3,899.90	(\$2,462.05)	-38.70%	
11,500	\$3,724.86	\$1,143.07	-\$2,581.79	-69.31%	\$2,909.10	\$2,916.82	\$7.72	0.27%	\$6,633.96	\$4,059.89	(\$2,574.07)	-38.80%	
12,000	\$3,870.38	\$1,176.24	-\$2,694.14	-69.61%	\$3,035.58	\$3,043.64	\$8.05	0.27%	\$6,905.97	\$4,219.88	(\$2,686.09)	-38.90%	
12,500	\$4,015.90	\$1,209.41	-\$2,806.49	-69.88%	\$3,162.07	\$3,170.45	\$8.39	0.27%	\$7,177.97	\$4,379.86	(\$2,798.11)	-38.98%	
13,000	\$4,161.42	\$1,242.58	-\$2,918.85	-70.14%	\$3,288.55	\$3,297.27	\$8.72	0.27%	\$7,449.97	\$4,539.85	(\$2,910.12)	-39.06%	
13,500	\$4,306.94	\$1,275.74	-\$3,031.20	-70.38%	\$3,415.03	\$3,424.09	\$9.06	0.27%	\$7,721.98	\$4,699.84	(\$3,022.14)	-39.14%	
14,000	\$4,452.47	\$1,308.91	-\$3,143.55	-70.60%	\$3,541.52	\$3,550.91	\$9.39	0.27%	\$7,993.98	\$4,859.82	(\$3,134.16)	-39.21%	
14,500	\$4,597.99	\$1,342.08	-\$3,255.91	-70.81%	\$3,668.00	\$3,677.73	\$9.73	0.27%	\$8,265.99	\$5,019.81	(\$3,246.18)	-39.27%	
15,000	\$4,743.51	\$1,375.25	-\$3,368.26	-71.01%	\$3,794.48	\$3,804.55	\$10.07	0.27%	\$8,537.99	\$5,179.79	(\$3,358.19)	-39.33%	
15,500	\$4,889.03	\$1,408.42	-\$3,480.61	-71.19%	\$3,920.96	\$3,931.36	\$10.40	0.27%	\$8,809.99	\$5,339.78	(\$3,470.21)	-39.39%	
16,000	\$5,034.55	\$1,441.58	-\$3,592.97	-71.37%	\$4,047.45	\$4,058.18	\$10.74	0.27%	\$9,082.00	\$5,499.77	(\$3,582.23)	-39.44%	
16,500	\$5,180.07	\$1,474.75	-\$3,705.32	-71.53%	\$4,173.93	\$4,185.00	\$11.07	0.27%	\$9,354.00	\$5,659.75	(\$3,694.25)	-39.49%	
17,000	\$5,325.59	\$1,507.92	-\$3,817.67	-71.69%	\$4,300.41	\$4,311.82	\$11.41	0.27%	\$9,626.00	\$5,819.74	(\$3,806.27)	-39.54%	
17,500	\$5,471.11	\$1,541.09	-\$3,930.03	-71.83%	\$4,426.89	\$4,438.64	\$11.74	0.27%	\$9,898.01	\$5,979.72	(\$3,918.28)	-39.59%	
18,000	\$5,616.63	\$1,574.26	-\$4,042.38	-71.97%	\$4,553.38	\$4,565.46	\$12.08	0.27%	\$10,170.01	\$6,139.71	(\$4,030.30)	-39.63%	
18,500	\$5,762.16	\$1,607.42	-\$4,154.73	-72.10%	\$4,679.86	\$4,692.27	\$12.41	0.27%	\$10,442.02	\$6,299.70	(\$4,142.32)	-39.67%	
19,000	\$5,907.68	\$1,640.59	-\$4,267.09	-72.23%	\$4,806.34	\$4,819.09	\$12.75	0.27%	\$10,714.02	\$6,459.68	(\$4,254.34)	-39.71%	
19,500	\$6,053.20	\$1,673.76	-\$4,379.44	-72.35%	\$4,932.82	\$4,945.91	\$13.08	0.27%	\$10,986.02	\$6,619.67	(\$4,366.35)	-39.74%	
FY 21					FY 22						Difference	Change	
First 10 therms				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 therms				\$0.291400				\$0.060800			(\$0.231)	-79.14%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				-\$0.003800				\$0.000000			\$0.004	-100.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.000000				\$0.004751			\$0.005	0.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.242094				\$0.246477			\$0.004	1.81%	
Merchant Function Charge				\$0.007880				\$0.004160			(\$0.004)	-47.21%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1A - Residential Non Heat
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
0	\$21.76	\$21.76	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$21.76	\$21.76	\$0.00	0.00%
1	\$21.77	\$21.80	\$0.02	0.10%	\$0.41	\$0.41	\$0.00	0.00%	\$22.18	\$22.20	\$0.02	0.10%
2	\$21.79	\$21.83	\$0.04	0.20%	\$0.81	\$0.81	\$0.00	0.00%	\$22.60	\$22.64	\$0.04	0.19%
3	\$21.80	\$21.86	\$0.06	0.30%	\$1.22	\$1.22	\$0.00	0.00%	\$23.02	\$23.09	\$0.06	0.28%
6	\$26.68	\$26.98	\$0.30	1.14%	\$2.44	\$2.44	\$0.00	0.00%	\$29.12	\$29.43	\$0.30	1.04%
8	\$29.94	\$30.40	\$0.46	1.55%	\$3.26	\$3.26	\$0.00	0.00%	\$33.19	\$33.66	\$0.46	1.40%
10	\$33.19	\$33.81	\$0.62	1.88%	\$4.07	\$4.07	\$0.00	0.00%	\$37.26	\$37.88	\$0.62	1.67%
15	\$41.33	\$42.35	\$1.02	2.47%	\$6.11	\$6.11	\$0.00	0.00%	\$47.43	\$48.45	\$1.02	2.15%
Average	\$42.95	\$44.05	\$1.10	2.56%	\$6.52	\$6.52	\$0.00	0.00%	\$49.47	\$50.57	\$1.10	2.23%
20	\$49.46	\$50.88	\$1.42	2.87%	\$8.14	\$8.14	\$0.00	0.00%	\$57.61	\$59.03	\$1.42	2.47%
25	\$57.60	\$59.42	\$1.82	3.16%	\$10.18	\$10.18	\$0.00	0.00%	\$67.78	\$69.60	\$1.82	2.68%
30	\$65.73	\$67.95	\$2.22	3.37%	\$12.22	\$12.22	\$0.00	0.00%	\$77.95	\$80.17	\$2.22	2.84%
35	\$73.87	\$76.49	\$2.62	3.54%	\$14.25	\$14.25	\$0.00	0.00%	\$88.12	\$90.74	\$2.62	2.97%
40	\$82.00	\$85.02	\$3.01	3.68%	\$16.29	\$16.29	\$0.00	0.00%	\$98.29	\$101.31	\$3.01	3.07%
45	\$90.14	\$93.55	\$3.41	3.79%	\$18.32	\$18.32	\$0.00	0.00%	\$108.46	\$111.88	\$3.41	3.15%
50	\$98.28	\$102.09	\$3.81	3.88%	\$20.36	\$20.36	\$0.00	0.00%	\$118.64	\$122.45	\$3.81	3.21%
55	\$100.26	\$104.30	\$4.04	4.03%	\$22.40	\$22.40	\$0.00	0.00%	\$122.65	\$126.70	\$4.04	3.30%
60	\$102.24	\$106.51	\$4.28	4.18%	\$24.43	\$24.43	\$0.00	0.00%	\$126.67	\$130.94	\$4.28	3.38%
65	\$104.21	\$108.72	\$4.51	4.33%	\$26.47	\$26.47	\$0.00	0.00%	\$130.68	\$135.19	\$4.51	3.45%
70	\$106.19	\$110.93	\$4.74	4.46%	\$28.50	\$28.50	\$0.00	0.00%	\$134.70	\$139.44	\$4.74	3.52%
75	\$108.17	\$113.14	\$4.97	4.60%	\$30.54	\$30.54	\$0.00	0.00%	\$138.71	\$143.68	\$4.97	3.58%
80	\$110.15	\$115.35	\$5.20	4.72%	\$32.58	\$32.58	\$0.00	0.00%	\$142.73	\$147.93	\$5.20	3.65%
85	\$112.13	\$117.57	\$5.43	4.85%	\$34.61	\$34.61	\$0.00	0.00%	\$146.74	\$152.18	\$5.43	3.70%
90	\$114.11	\$119.78	\$5.67	4.97%	\$36.65	\$36.65	\$0.00	0.00%	\$150.76	\$156.42	\$5.67	3.76%
95	\$116.09	\$121.99	\$5.90	5.08%	\$38.68	\$38.68	\$0.00	0.00%	\$154.77	\$160.67	\$5.90	3.81%
100	\$118.07	\$124.20	\$6.13	5.19%	\$40.72	\$40.72	\$0.00	0.00%	\$158.79	\$164.92	\$6.13	3.86%
125	\$127.96	\$135.25	\$7.29	5.70%	\$50.90	\$50.90	\$0.00	0.00%	\$178.86	\$186.15	\$7.29	4.08%
150	\$137.86	\$146.31	\$8.45	6.13%	\$61.08	\$61.08	\$0.00	0.00%	\$198.94	\$207.39	\$8.45	4.25%
175	\$147.76	\$157.36	\$9.61	6.50%	\$71.26	\$71.26	\$0.00	0.00%	\$219.01	\$228.62	\$9.61	4.39%
200	\$157.65	\$168.42	\$10.77	6.83%	\$81.44	\$81.44	\$0.00	0.00%	\$239.09	\$249.86	\$10.77	4.50%
225	\$167.55	\$179.47	\$11.93	7.12%	\$91.62	\$91.62	\$0.00	0.00%	\$259.16	\$271.09	\$11.93	4.60%
250	\$177.44	\$190.53	\$13.09	7.37%	\$101.80	\$101.80	\$0.00	0.00%	\$279.24	\$292.33	\$13.09	4.69%
275	\$187.34	\$201.58	\$14.25	7.60%	\$111.98	\$111.98	\$0.00	0.00%	\$299.32	\$313.56	\$14.25	4.76%
300	\$197.24	\$212.64	\$15.40	7.81%	\$122.16	\$122.16	\$0.00	0.00%	\$319.39	\$334.80	\$15.40	4.82%
350	\$217.03	\$234.75	\$17.72	8.17%	\$142.52	\$142.52	\$0.00	0.00%	\$359.54	\$377.27	\$17.72	4.93%
400	\$236.82	\$256.86	\$20.04	8.46%	\$162.88	\$162.88	\$0.00	0.00%	\$399.69	\$419.73	\$20.04	5.01%
450	\$256.61	\$278.97	\$22.36	8.71%	\$183.23	\$183.23	\$0.00	0.00%	\$439.84	\$462.20	\$22.36	5.08%
500	\$276.40	\$301.08	\$24.68	8.93%	\$203.59	\$203.59	\$0.00	0.00%	\$480.00	\$504.67	\$24.68	5.14%
600	\$315.99	\$345.30	\$29.32	9.28%	\$244.31	\$244.31	\$0.00	0.00%	\$560.30	\$589.61	\$29.32	5.23%
700	\$355.57	\$389.52	\$33.95	9.55%	\$285.03	\$285.03	\$0.00	0.00%	\$640.60	\$674.55	\$33.95	5.30%
850	\$414.94	\$455.85	\$40.91	9.86%	\$346.11	\$346.11	\$0.00	0.00%	\$761.05	\$801.96	\$40.91	5.38%
1,000	\$474.32	\$522.18	\$47.86	10.09%	\$407.19	\$407.19	\$0.00	0.00%	\$881.51	\$929.37	\$47.86	5.43%
1,250	\$573.28	\$632.73	\$59.46	10.37%	\$508.98	\$508.98	\$0.00	0.00%	\$1,082.26	\$1,141.72	\$59.46	5.49%
1,500	\$672.23	\$743.28	\$71.05	10.57%	\$610.78	\$610.78	\$0.00	0.00%	\$1,283.02	\$1,354.06	\$71.05	5.54%
1,750	\$771.19	\$853.83	\$82.64	10.72%	\$712.58	\$712.58	\$0.00	0.00%	\$1,483.77	\$1,566.41	\$82.64	5.57%
2,000	\$870.15	\$964.38	\$94.23	10.83%	\$814.38	\$814.38	\$0.00	0.00%	\$1,684.53	\$1,778.76	\$94.23	5.59%
3,000	\$1,265.98	\$1,406.59	\$140.60	11.11%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,487.55	\$2,628.15	\$140.60	5.65%
5,000	\$2,057.65	\$2,290.99	\$233.34	11.34%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$4,093.59	\$4,326.93	\$233.34	5.70%
FY 22					FY 23						Difference	Change
First 3 or Less				\$19.75				\$19.75			\$0.00	0.00%
Next 47 Therms per Therm				\$1,563,400				\$1,619,700			\$0,056	3.60%
Over 50 Therms per Therm				\$0,371,200				\$0,395,200			\$0,024	6.47%
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0,000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Revenue Decoupling Mechanism				\$0,000,000				\$0,000,000			\$0,000	0.00%
Leak Prone Pipe Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Electric Generator Revenue				\$0,000,000				\$0,000,000			\$0,000	0.00%
TC/IT Revenue Surcharge / Credit				\$0,000,000				\$0,000,000			\$0,000	0.00%
Gas Safety and Reliability Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Tax Reform				\$0,000,000				\$0,000,000			\$0,000	0.00%
NY Facilities System Surcharge / Surcredit				\$0,000,000				\$0,000,000			\$0,000	0.00%
Earning Adjustment Mechanism				\$0,000,000				\$0,000,000			\$0,000	0.00%
Non Labor Demand Response O&M Cost				\$0,000,000				\$0,000,615			\$0,001	0.00%
Demand Capacity Surcharge Mechanism				\$0,012,048				\$0,032,329			\$0,020	168.33%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0,000,000				\$0,000,000			\$0,000	0.00%
Clean Energy Fund				\$0,000,000				\$0,000,000			\$0,000	0.00%
Energy Efficiency Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Monthly Cost of Gas				\$0,394,640				\$0,394,640			\$0,000	0.00%
Merchant Function Charge				\$0,007,732				\$0,007,732			\$0,000	0.00%
GRT on Delivery				3.093000%				3.093000%			\$0,000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0,000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0,000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0,000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1AR - Non Heat Reduced Rate (Tier 1)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$18.66	\$18.66	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$18.66	\$18.66	\$0.00	0.00%	
1	\$18.68	\$18.70	\$0.02	0.12%	\$0.41	\$0.41	\$0.00	0.00%	\$19.08	\$19.10	\$0.02	0.11%	
2	\$18.69	\$18.73	\$0.04	0.23%	\$0.81	\$0.81	\$0.00	0.00%	\$19.50	\$19.55	\$0.04	0.22%	
3	\$18.70	\$18.77	\$0.06	0.35%	\$1.22	\$1.22	\$0.00	0.00%	\$19.92	\$19.99	\$0.06	0.32%	
6	\$23.58	\$23.89	\$0.30	1.29%	\$2.44	\$2.44	\$0.00	0.00%	\$26.03	\$26.33	\$0.30	1.17%	
8	\$26.84	\$27.30	\$0.46	1.73%	\$3.26	\$3.26	\$0.00	0.00%	\$30.09	\$30.56	\$0.46	1.54%	
10	\$30.09	\$30.71	\$0.62	2.07%	\$4.07	\$4.07	\$0.00	0.00%	\$34.16	\$34.79	\$0.62	1.82%	
Average	11	\$31.72	\$32.42	\$0.70	2.22%	\$4.48	\$4.48	\$0.00	0.00%	\$36.20	\$36.90	\$0.70	1.94%
15	\$38.23	\$39.25	\$1.02	2.67%	\$6.11	\$6.11	\$0.00	0.00%	\$44.33	\$45.36	\$1.02	2.30%	
20	\$46.36	\$47.78	\$1.42	3.06%	\$8.14	\$8.14	\$0.00	0.00%	\$54.51	\$55.93	\$1.42	2.61%	
25	\$54.50	\$56.32	\$1.82	3.34%	\$10.18	\$10.18	\$0.00	0.00%	\$64.68	\$66.50	\$1.82	2.81%	
30	\$62.63	\$64.85	\$2.22	3.54%	\$12.22	\$12.22	\$0.00	0.00%	\$74.85	\$77.07	\$2.22	2.96%	
35	\$70.77	\$73.39	\$2.62	3.70%	\$14.25	\$14.25	\$0.00	0.00%	\$85.02	\$87.64	\$2.62	3.08%	
40	\$78.91	\$81.92	\$3.01	3.82%	\$16.29	\$16.29	\$0.00	0.00%	\$95.19	\$98.21	\$3.01	3.17%	
45	\$87.04	\$90.46	\$3.41	3.92%	\$18.32	\$18.32	\$0.00	0.00%	\$105.37	\$108.78	\$3.41	3.24%	
50	\$95.18	\$98.99	\$3.81	4.01%	\$20.36	\$20.36	\$0.00	0.00%	\$115.54	\$119.35	\$3.81	3.30%	
55	\$97.16	\$101.20	\$4.04	4.16%	\$22.40	\$22.40	\$0.00	0.00%	\$119.55	\$123.60	\$4.04	3.38%	
60	\$99.14	\$103.41	\$4.28	4.31%	\$24.43	\$24.43	\$0.00	0.00%	\$123.57	\$127.84	\$4.28	3.46%	
65	\$101.12	\$105.62	\$4.51	4.46%	\$26.47	\$26.47	\$0.00	0.00%	\$127.58	\$132.09	\$4.51	3.53%	
70	\$103.09	\$107.83	\$4.74	4.60%	\$28.50	\$28.50	\$0.00	0.00%	\$131.60	\$136.34	\$4.74	3.60%	
75	\$105.07	\$110.05	\$4.97	4.73%	\$30.54	\$30.54	\$0.00	0.00%	\$135.61	\$140.58	\$4.97	3.67%	
80	\$107.05	\$112.26	\$5.20	4.86%	\$32.58	\$32.58	\$0.00	0.00%	\$139.63	\$144.83	\$5.20	3.73%	
85	\$109.03	\$114.47	\$5.43	4.98%	\$34.61	\$34.61	\$0.00	0.00%	\$143.64	\$149.08	\$5.43	3.78%	
90	\$111.01	\$116.68	\$5.67	5.10%	\$36.65	\$36.65	\$0.00	0.00%	\$147.66	\$153.33	\$5.67	3.84%	
95	\$112.99	\$118.89	\$5.90	5.22%	\$38.68	\$38.68	\$0.00	0.00%	\$151.67	\$157.57	\$5.90	3.89%	
100	\$114.97	\$121.10	\$6.13	5.33%	\$40.72	\$40.72	\$0.00	0.00%	\$155.69	\$161.82	\$6.13	3.94%	
125	\$124.87	\$132.16	\$7.29	5.84%	\$50.90	\$50.90	\$0.00	0.00%	\$175.76	\$183.05	\$7.29	4.15%	
150	\$134.76	\$143.21	\$8.45	6.27%	\$61.08	\$61.08	\$0.00	0.00%	\$195.84	\$204.29	\$8.45	4.31%	
175	\$144.66	\$154.27	\$9.61	6.64%	\$71.26	\$71.26	\$0.00	0.00%	\$215.92	\$225.52	\$9.61	4.45%	
200	\$154.55	\$165.32	\$10.77	6.97%	\$81.44	\$81.44	\$0.00	0.00%	\$235.99	\$246.76	\$10.77	4.56%	
225	\$164.45	\$176.38	\$11.93	7.25%	\$91.62	\$91.62	\$0.00	0.00%	\$256.07	\$267.99	\$11.93	4.66%	
250	\$174.34	\$187.43	\$13.09	7.51%	\$101.80	\$101.80	\$0.00	0.00%	\$276.14	\$289.23	\$13.09	4.74%	
275	\$184.24	\$198.49	\$14.25	7.73%	\$111.98	\$111.98	\$0.00	0.00%	\$296.22	\$310.46	\$14.25	4.81%	
300	\$194.14	\$209.54	\$15.40	7.93%	\$122.16	\$122.16	\$0.00	0.00%	\$316.29	\$331.70	\$15.40	4.87%	
350	\$213.93	\$231.65	\$17.72	8.28%	\$142.52	\$142.52	\$0.00	0.00%	\$356.44	\$374.17	\$17.72	4.97%	
FY 22					FY 23						Difference	Change	
First 3 or Less				\$16.75				\$16.75			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.563400				\$1.619700			\$0.056	3.60%	
Over 50 Therms per Therm				\$0.371200				\$0.395200			\$0.024	6.47%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000615			\$0.001	0.00%	
Demand Capacity Surcharge Mechanism				\$0.012048				\$0.032329			\$0.020	168.33%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.

In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are five Energy Affordability Credit tiers.

The Heating customers Tiers : Tier 1: \$23.00, Tier 2: \$45.00, Tier 3: \$66.00, Tier 4: \$52.00, Tier 5: \$23.00

The Non-Heating customers Tiers : Tier 1-Tier 5: \$3.00

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1 BR - Heat Reduced Rate (Tier 1)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	-\$0.02	-\$0.02	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	-\$0.02	-\$0.02	\$0.00	0.00%	
1	-\$0.01	\$0.02	\$0.02	-306.36%	\$0.41	\$0.41	\$0.00	0.00%	\$0.40	\$0.42	\$0.02	5.89%	
2	\$0.01	\$0.05	\$0.05	887.40%	\$0.81	\$0.81	\$0.00	0.00%	\$0.82	\$0.87	\$0.05	5.74%	
3	\$0.02	\$0.09	\$0.07	386.02%	\$1.22	\$1.22	\$0.00	0.00%	\$1.24	\$1.31	\$0.07	5.69%	
6	\$4.09	\$4.38	\$0.29	7.01%	\$2.44	\$2.44	\$0.00	0.00%	\$6.53	\$6.82	\$0.29	4.39%	
8	\$6.81	\$7.24	\$0.43	6.33%	\$3.26	\$3.26	\$0.00	0.00%	\$10.06	\$10.49	\$0.43	4.28%	
10	\$9.52	\$10.10	\$0.58	6.04%	\$4.07	\$4.07	\$0.00	0.00%	\$13.59	\$14.17	\$0.58	4.23%	
15	\$16.31	\$17.25	\$0.94	5.73%	\$6.11	\$6.11	\$0.00	0.00%	\$22.42	\$23.35	\$0.94	4.17%	
20	\$23.10	\$24.39	\$1.30	5.61%	\$8.14	\$8.14	\$0.00	0.00%	\$31.24	\$32.54	\$1.30	4.15%	
25	\$29.89	\$31.54	\$1.66	5.54%	\$10.18	\$10.18	\$0.00	0.00%	\$40.07	\$41.72	\$1.66	4.13%	
30	\$36.67	\$38.69	\$2.02	5.50%	\$12.22	\$12.22	\$0.00	0.00%	\$48.89	\$50.91	\$2.02	4.12%	
35	\$43.46	\$45.84	\$2.38	5.47%	\$14.25	\$14.25	\$0.00	0.00%	\$57.71	\$60.09	\$2.38	4.12%	
40	\$50.25	\$52.99	\$2.74	5.45%	\$16.29	\$16.29	\$0.00	0.00%	\$66.54	\$69.28	\$2.74	4.11%	
45	\$57.04	\$60.14	\$3.10	5.43%	\$18.32	\$18.32	\$0.00	0.00%	\$75.36	\$78.46	\$3.10	4.11%	
50	\$63.83	\$67.28	\$3.46	5.42%	\$20.36	\$20.36	\$0.00	0.00%	\$84.19	\$87.64	\$3.46	4.11%	
55	\$65.47	\$69.11	\$3.63	5.55%	\$22.40	\$22.40	\$0.00	0.00%	\$87.87	\$91.50	\$3.63	4.13%	
60	\$67.12	\$70.93	\$3.81	5.67%	\$24.43	\$24.43	\$0.00	0.00%	\$91.55	\$95.36	\$3.81	4.16%	
65	\$68.77	\$72.75	\$3.98	5.79%	\$26.47	\$26.47	\$0.00	0.00%	\$95.24	\$99.22	\$3.98	4.18%	
70	\$70.42	\$74.58	\$4.16	5.90%	\$28.50	\$28.50	\$0.00	0.00%	\$98.92	\$103.08	\$4.16	4.20%	
75	\$72.07	\$76.40	\$4.33	6.01%	\$30.54	\$30.54	\$0.00	0.00%	\$102.60	\$106.94	\$4.33	4.22%	
80	\$73.71	\$78.22	\$4.51	6.11%	\$32.58	\$32.58	\$0.00	0.00%	\$106.29	\$110.80	\$4.51	4.24%	
85	\$75.36	\$80.04	\$4.68	6.21%	\$34.61	\$34.61	\$0.00	0.00%	\$109.97	\$114.65	\$4.68	4.26%	
Average	86	\$75.69	\$80.41	\$4.72	6.23%	\$35.02	\$35.02	\$0.00	0.00%	\$110.71	\$115.43	\$4.72	4.26%
90	\$77.01	\$81.87	\$4.86	6.31%	\$36.65	\$36.65	\$0.00	0.00%	\$113.66	\$118.51	\$4.86	4.27%	
95	\$78.66	\$83.69	\$5.03	6.40%	\$38.68	\$38.68	\$0.00	0.00%	\$117.34	\$122.37	\$5.03	4.29%	
100	\$80.30	\$85.51	\$5.21	6.48%	\$40.72	\$40.72	\$0.00	0.00%	\$121.02	\$126.23	\$5.21	4.30%	
125	\$88.54	\$94.62	\$6.08	6.87%	\$50.90	\$50.90	\$0.00	0.00%	\$139.44	\$145.52	\$6.08	4.36%	
150	\$96.78	\$103.74	\$6.96	7.19%	\$61.08	\$61.08	\$0.00	0.00%	\$157.86	\$164.82	\$6.96	4.41%	
175	\$105.02	\$112.85	\$7.83	7.46%	\$71.26	\$71.26	\$0.00	0.00%	\$176.28	\$184.11	\$7.83	4.44%	
200	\$113.26	\$121.96	\$8.71	7.69%	\$81.44	\$81.44	\$0.00	0.00%	\$194.70	\$203.40	\$8.71	4.47%	
225	\$121.50	\$131.08	\$9.58	7.89%	\$91.62	\$91.62	\$0.00	0.00%	\$213.11	\$222.69	\$9.58	4.50%	
250	\$129.74	\$140.19	\$10.45	8.06%	\$101.80	\$101.80	\$0.00	0.00%	\$231.53	\$241.99	\$10.45	4.52%	
275	\$137.97	\$149.30	\$11.33	8.21%	\$111.98	\$111.98	\$0.00	0.00%	\$249.95	\$261.28	\$11.33	4.53%	
300	\$146.21	\$158.42	\$12.20	8.35%	\$122.16	\$122.16	\$0.00	0.00%	\$268.37	\$280.57	\$12.20	4.55%	
350	\$162.69	\$176.64	\$13.95	8.58%	\$142.52	\$142.52	\$0.00	0.00%	\$305.21	\$319.16	\$13.95	4.57%	
400	\$179.17	\$194.87	\$15.70	8.76%	\$162.88	\$162.88	\$0.00	0.00%	\$342.04	\$357.74	\$15.70	4.59%	
450	\$195.64	\$213.10	\$17.45	8.92%	\$183.23	\$183.23	\$0.00	0.00%	\$378.88	\$396.33	\$17.45	4.61%	
500	\$212.12	\$231.32	\$19.20	9.05%	\$203.59	\$203.59	\$0.00	0.00%	\$415.72	\$434.92	\$19.20	4.62%	
600	\$245.08	\$267.78	\$22.70	9.26%	\$244.31	\$244.31	\$0.00	0.00%	\$489.39	\$512.09	\$22.70	4.64%	
700	\$278.03	\$304.23	\$26.20	9.42%	\$285.03	\$285.03	\$0.00	0.00%	\$563.06	\$589.26	\$26.20	4.65%	
850	\$327.46	\$358.91	\$31.45	9.60%	\$346.11	\$346.11	\$0.00	0.00%	\$673.57	\$705.02	\$31.45	4.67%	
1,000	\$376.89	\$413.59	\$36.69	9.74%	\$407.19	\$407.19	\$0.00	0.00%	\$784.08	\$820.78	\$36.69	4.68%	
1,250	\$459.28	\$504.72	\$45.44	9.89%	\$508.98	\$508.98	\$0.00	0.00%	\$968.26	\$1,013.70	\$45.44	4.69%	
FY 22					FY 23						Difference	Change	
First 3 or Less				-\$1.34					-\$1.34		\$0.00	0.00%	
Next 47 Therms per Therm				\$1.301900					\$1.348900		\$0.047	3.61%	
Over 50 Therms per Therm				\$0.306500					\$0.317600		\$0.011	3.62%	
Billing & Payment Processing				\$1.320000					\$1.320000		\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000					\$0.000000		\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000					\$0.000000		\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000					\$0.000000		\$0.000	0.00%	
Electric Generator Revenue				\$0.000000					\$0.000000		\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000					\$0.000000		\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000					\$0.000000		\$0.000	0.00%	
Tax Reform				\$0.000000					\$0.000000		\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000					\$0.000000		\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000					\$0.000000		\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000					\$0.000722		\$0.001	0.00%	
Demand Capacity Surcharge Mechanism				\$0.012566					\$0.034618		\$0.022	175.48%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000					\$0.000000		\$0.000	0.00%	
Clean Energy Fund				\$0.000000					\$0.000000		\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000					\$0.000000		\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640					\$0.394640		\$0.000	0.00%	
Merchant Function Charge				\$0.007732					\$0.007732		\$0.000	0.00%	
GRT on Delivery				3.093000%					3.093000%		\$0.000	0.00%	
GRT on Supply				1.010000%					1.010000%		\$0.000	0.00%	
MTA on Delivery				0.185000%					0.185000%		\$0.000	0.00%	
MTA on Supply				0.185000%					0.185000%		\$0.000	0.00%	

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.
In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are five Energy Affordability Credit tiers.
The Heating customers Tiers : Tier 1: \$23.00, Tier 2: \$45.00, Tier 3: \$66.00, Tier 4: \$52.00, Tier 5: \$23.00
The Non-Heating customers Tiers : Tier 1-Tier 5: \$3.00

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1B DG - Residential Heat Distributed Generation
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$35.49	\$35.49	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$35.49	\$35.49	\$0.00	0.00%	
3	\$35.53	\$35.60	\$0.07	0.20%	\$1.22	\$1.22	\$0.00	0.00%	\$36.75	\$36.82	\$0.07	0.19%	
10	\$36.91	\$37.15	\$0.24	0.66%	\$4.07	\$4.07	\$0.00	0.00%	\$40.98	\$41.23	\$0.24	0.59%	
15	\$37.90	\$38.26	\$0.37	0.96%	\$6.11	\$6.11	\$0.00	0.00%	\$44.01	\$44.37	\$0.37	0.83%	
20	\$38.89	\$39.38	\$0.49	1.25%	\$8.14	\$8.14	\$0.00	0.00%	\$47.03	\$47.52	\$0.49	1.04%	
30	\$40.86	\$41.60	\$0.73	1.80%	\$12.22	\$12.22	\$0.00	0.00%	\$53.08	\$53.81	\$0.73	1.38%	
161	\$66.76	\$70.71	\$3.95	5.92%	\$65.56	\$65.56	\$0.00	0.00%	\$132.31	\$136.26	\$3.95	2.99%	
40	\$42.84	\$43.82	\$0.98	2.29%	\$16.29	\$16.29	\$0.00	0.00%	\$59.13	\$60.11	\$0.98	1.66%	
50	\$44.82	\$46.04	\$1.22	2.73%	\$20.36	\$20.36	\$0.00	0.00%	\$65.18	\$66.40	\$1.22	1.88%	
75	\$49.76	\$51.60	\$1.84	3.69%	\$30.54	\$30.54	\$0.00	0.00%	\$80.30	\$82.14	\$1.84	2.29%	
100	\$54.70	\$57.15	\$2.45	4.48%	\$40.72	\$40.72	\$0.00	0.00%	\$95.42	\$97.87	\$2.45	2.57%	
125	\$59.64	\$62.71	\$3.07	5.14%	\$50.90	\$50.90	\$0.00	0.00%	\$110.54	\$113.61	\$3.07	2.77%	
Average	161	\$66.76	\$70.71	\$3.95	5.92%	\$65.56	\$65.56	\$0.00	0.00%	\$132.31	\$136.26	\$3.95	2.99%
200	\$74.46	\$79.37	\$4.91	6.59%	\$81.44	\$81.44	\$0.00	0.00%	\$155.90	\$160.81	\$4.91	3.15%	
225	\$79.41	\$84.93	\$5.52	6.95%	\$91.62	\$91.62	\$0.00	0.00%	\$171.02	\$176.54	\$5.52	3.23%	
250	\$84.35	\$90.48	\$6.14	7.27%	\$101.80	\$101.80	\$0.00	0.00%	\$186.14	\$192.28	\$6.14	3.30%	
275	\$89.29	\$96.04	\$6.75	7.56%	\$111.98	\$111.98	\$0.00	0.00%	\$201.26	\$208.01	\$6.75	3.35%	
300	\$94.23	\$101.59	\$7.36	7.81%	\$122.16	\$122.16	\$0.00	0.00%	\$216.39	\$223.75	\$7.36	3.40%	
325	\$99.17	\$107.15	\$7.98	8.04%	\$132.34	\$132.34	\$0.00	0.00%	\$231.51	\$239.48	\$7.98	3.45%	
350	\$104.11	\$112.70	\$8.59	8.25%	\$142.52	\$142.52	\$0.00	0.00%	\$246.63	\$255.22	\$8.59	3.48%	
375	\$109.05	\$118.26	\$9.20	8.44%	\$152.70	\$152.70	\$0.00	0.00%	\$261.75	\$270.95	\$9.20	3.52%	
400	\$113.99	\$123.81	\$9.82	8.61%	\$162.88	\$162.88	\$0.00	0.00%	\$276.87	\$286.69	\$9.82	3.55%	
425	\$118.94	\$129.37	\$10.43	8.77%	\$173.05	\$173.05	\$0.00	0.00%	\$291.99	\$302.42	\$10.43	3.57%	
FY 22					FY 23						Difference	Change	
First 3 or Less				\$33.04				\$33.04			\$0.00	0.00%	
Next 47 Therms per Therm				\$0.178800				\$0.179800			\$0.001	0.56%	
Over 50 Therms per Therm				\$0.000000				\$0.000000			\$0.000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000722			\$0.001	0.00%	
Demand Capacity Surcharge Mechanism				\$0.012566				\$0.034618			\$0.022	175.48%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
 Monthly Bill Comparison Table
 SC 2-A - Non-Residential Non Heat
 Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
-	\$39.45	\$39.45	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.45	\$39.45	\$0.00	0.00%	
1	\$39.46	\$39.47	\$0.02	0.04%	\$0.41	\$0.41	\$0.00	0.00%	\$39.86	\$39.88	\$0.02	0.04%	
2	\$39.47	\$39.50	\$0.03	0.08%	\$0.81	\$0.81	\$0.00	0.00%	\$40.28	\$40.31	\$0.03	0.08%	
3	\$39.48	\$39.53	\$0.05	0.13%	\$1.22	\$1.22	\$0.00	0.00%	\$40.70	\$40.75	\$0.05	0.12%	
6	\$45.00	\$45.19	\$0.19	0.42%	\$2.44	\$2.44	\$0.00	0.00%	\$47.44	\$47.63	\$0.19	0.40%	
8	\$48.68	\$48.96	\$0.28	0.58%	\$3.26	\$3.26	\$0.00	0.00%	\$51.94	\$52.22	\$0.28	0.54%	
10	\$52.37	\$52.74	\$0.37	0.71%	\$4.07	\$4.07	\$0.00	0.00%	\$56.44	\$56.81	\$0.37	0.66%	
15	\$61.57	\$62.18	\$0.60	0.98%	\$6.11	\$6.11	\$0.00	0.00%	\$67.68	\$68.29	\$0.60	0.89%	
20	\$70.78	\$71.62	\$0.84	1.18%	\$8.14	\$8.14	\$0.00	0.00%	\$78.93	\$79.76	\$0.84	1.06%	
25	\$79.99	\$81.06	\$1.07	1.33%	\$10.18	\$10.18	\$0.00	0.00%	\$90.17	\$91.24	\$1.07	1.18%	
30	\$89.20	\$90.49	\$1.30	1.45%	\$12.22	\$12.22	\$0.00	0.00%	\$101.41	\$102.71	\$1.30	1.28%	
35	\$98.41	\$99.93	\$1.53	1.55%	\$14.25	\$14.25	\$0.00	0.00%	\$112.66	\$114.18	\$1.53	1.36%	
40	\$107.61	\$109.37	\$1.76	1.63%	\$16.29	\$16.29	\$0.00	0.00%	\$123.90	\$125.66	\$1.76	1.42%	
45	\$116.82	\$118.81	\$1.99	1.70%	\$18.32	\$18.32	\$0.00	0.00%	\$135.14	\$137.13	\$1.99	1.47%	
50	\$126.03	\$128.25	\$2.22	1.76%	\$20.36	\$20.36	\$0.00	0.00%	\$146.39	\$148.61	\$2.22	1.52%	
55	\$135.24	\$137.69	\$2.45	1.81%	\$22.40	\$22.40	\$0.00	0.00%	\$157.63	\$160.08	\$2.45	1.56%	
60	\$144.44	\$147.13	\$2.68	1.86%	\$24.43	\$24.43	\$0.00	0.00%	\$168.88	\$171.56	\$2.68	1.59%	
70	\$162.86	\$166.00	\$3.14	1.93%	\$28.50	\$28.50	\$0.00	0.00%	\$191.36	\$194.51	\$3.14	1.64%	
80	\$181.28	\$184.88	\$3.61	1.99%	\$32.58	\$32.58	\$0.00	0.00%	\$213.85	\$217.46	\$3.61	1.69%	
90	\$199.69	\$203.76	\$4.07	2.04%	\$36.65	\$36.65	\$0.00	0.00%	\$236.34	\$240.41	\$4.07	1.72%	
100	\$203.50	\$207.80	\$4.29	2.11%	\$40.72	\$40.72	\$0.00	0.00%	\$244.22	\$248.52	\$4.29	1.76%	
125	\$213.03	\$217.89	\$4.86	2.28%	\$50.90	\$50.90	\$0.00	0.00%	\$263.93	\$268.79	\$4.86	1.84%	
150	\$222.56	\$227.98	\$5.42	2.44%	\$61.08	\$61.08	\$0.00	0.00%	\$283.64	\$289.06	\$5.42	1.91%	
175	\$232.08	\$238.07	\$5.99	2.58%	\$71.26	\$71.26	\$0.00	0.00%	\$303.34	\$309.33	\$5.99	1.97%	
200	\$241.61	\$248.17	\$6.55	2.71%	\$81.44	\$81.44	\$0.00	0.00%	\$323.05	\$329.60	\$6.55	2.03%	
250	\$260.67	\$268.35	\$7.69	2.95%	\$101.80	\$101.80	\$0.00	0.00%	\$362.46	\$370.15	\$7.69	2.12%	
300	\$279.72	\$288.54	\$8.82	3.15%	\$122.16	\$122.16	\$0.00	0.00%	\$401.88	\$410.69	\$8.82	2.19%	
350	\$298.78	\$308.72	\$9.95	3.33%	\$142.52	\$142.52	\$0.00	0.00%	\$441.29	\$451.24	\$9.95	2.25%	
400	\$317.83	\$328.91	\$11.08	3.48%	\$162.88	\$162.88	\$0.00	0.00%	\$480.71	\$491.78	\$11.08	2.30%	
450	\$336.88	\$349.09	\$12.21	3.62%	\$183.23	\$183.23	\$0.00	0.00%	\$520.12	\$532.33	\$12.21	2.35%	
500	\$355.94	\$369.28	\$13.34	3.75%	\$203.59	\$203.59	\$0.00	0.00%	\$559.53	\$572.87	\$13.34	2.38%	
Average	522	\$364.32	\$378.16	\$13.83	3.80%	\$212.55	\$212.55	\$0.00	0.00%	\$576.88	\$590.71	\$13.83	2.40%
600	\$394.05	\$409.65	\$15.60	3.96%	\$244.31	\$244.31	\$0.00	0.00%	\$638.36	\$653.96	\$15.60	2.44%	
700	\$432.16	\$450.02	\$17.86	4.13%	\$285.03	\$285.03	\$0.00	0.00%	\$717.19	\$735.05	\$17.86	2.49%	
850	\$489.32	\$510.57	\$21.25	4.34%	\$346.11	\$346.11	\$0.00	0.00%	\$835.43	\$856.68	\$21.25	2.54%	
1,000	\$546.49	\$571.13	\$24.64	4.51%	\$407.19	\$407.19	\$0.00	0.00%	\$953.67	\$978.31	\$24.64	2.58%	
1,250	\$641.76	\$672.05	\$30.29	4.72%	\$508.98	\$508.98	\$0.00	0.00%	\$1,150.74	\$1,181.04	\$30.29	2.63%	
1,500	\$737.03	\$772.98	\$35.94	4.88%	\$610.78	\$610.78	\$0.00	0.00%	\$1,347.81	\$1,383.76	\$35.94	2.67%	
2,000	\$927.58	\$974.82	\$47.25	5.09%	\$814.38	\$814.38	\$0.00	0.00%	\$1,741.95	\$1,789.20	\$47.25	2.71%	
2,500	\$1,118.12	\$1,176.67	\$58.55	5.24%	\$1,017.97	\$1,017.97	\$0.00	0.00%	\$2,136.09	\$2,194.64	\$58.55	2.74%	
3,000	\$1,308.67	\$1,378.52	\$69.85	5.34%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,530.23	\$2,600.09	\$69.85	2.76%	
4,000	\$1,556.99	\$1,647.43	\$90.44	5.81%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$3,185.74	\$3,276.18	\$90.44	2.84%	
5,000	\$1,805.31	\$1,916.33	\$111.02	6.15%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$3,841.25	\$3,952.27	\$111.02	2.89%	
7,500	\$2,426.12	\$2,588.60	\$162.48	6.70%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$5,480.03	\$5,642.50	\$162.48	2.96%	
10,000	\$3,046.92	\$3,260.86	\$213.94	7.02%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$7,118.80	\$7,332.74	\$213.94	3.01%	
15,000	\$4,288.53	\$4,605.38	\$316.85	7.39%	\$6,107.82	\$6,107.82	\$0.00	0.00%	\$10,396.35	\$10,713.20	\$316.85	3.05%	
20,000	\$5,530.14	\$5,949.91	\$419.77	7.59%	\$8,143.76	\$8,143.76	\$0.00	0.00%	\$13,673.90	\$14,093.66	\$419.77	3.07%	
25,000	\$6,771.75	\$7,294.43	\$522.68	7.72%	\$10,179.69	\$10,179.69	\$0.00	0.00%	\$16,951.44	\$17,474.13	\$522.68	3.08%	
30,000	\$8,013.36	\$8,638.96	\$625.60	7.81%	\$12,215.63	\$12,215.63	\$0.00	0.00%	\$20,228.99	\$20,854.59	\$625.60	3.09%	
35,000	\$9,254.97	\$9,983.48	\$728.51	7.87%	\$14,251.57	\$14,251.57	\$0.00	0.00%	\$23,506.54	\$24,235.05	\$728.51	3.10%	
40,000	\$10,496.58	\$11,328.01	\$831.43	7.92%	\$16,287.51	\$16,287.51	\$0.00	0.00%	\$26,784.09	\$27,615.52	\$831.43	3.10%	
45,000	\$11,738.18	\$12,672.53	\$934.35	7.96%	\$18,323.45	\$18,323.45	\$0.00	0.00%	\$30,061.63	\$30,995.98	\$934.35	3.11%	
50,000	\$12,979.79	\$14,017.06	\$1,037.26	7.99%	\$20,359.39	\$20,359.39	\$0.00	0.00%	\$33,339.18	\$34,376.44	\$1,037.26	3.11%	
55,000	\$14,221.40	\$15,361.58	\$1,140.18	8.02%	\$22,395.33	\$22,395.33	\$0.00	0.00%	\$36,616.73	\$37,756.91	\$1,140.18	3.11%	
FY 22					FY 23						Difference	Change	
First 3 therms				\$37.66				\$37.66			\$0.00	0.00%	
Next 87 therms				\$1,810,300				\$1,839,500			\$0.029	1.61%	
Next 2,910 therms				\$0,367,100				\$0,373,000			\$0.006	1.61%	
Over 3,000 therms				\$0,235,900				\$0,239,800			\$0.004	1.65%	
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000393			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.009485				\$0.025531			\$0.016	169.18%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 2-B - Non Residential Heat
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
-	\$39.45	\$39.45	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.45	\$39.45	\$0.00	0.00%
1	\$39.46	\$39.48	\$0.02	0.05%	\$0.41	\$0.41	\$0.00	0.00%	\$39.87	\$39.89	\$0.02	0.05%
2	\$39.47	\$39.51	\$0.04	0.10%	\$0.81	\$0.81	\$0.00	0.00%	\$40.29	\$40.33	\$0.04	0.10%
3	\$39.49	\$39.54	\$0.06	0.15%	\$1.22	\$1.22	\$0.00	0.00%	\$40.71	\$40.77	\$0.06	0.14%
6	\$44.95	\$45.22	\$0.27	0.60%	\$2.44	\$2.44	\$0.00	0.00%	\$47.39	\$47.66	\$0.27	0.57%
8	\$48.59	\$49.01	\$0.41	0.85%	\$3.26	\$3.26	\$0.00	0.00%	\$51.85	\$52.26	\$0.41	0.80%
10	\$52.24	\$52.79	\$0.56	1.06%	\$4.07	\$4.07	\$0.00	0.00%	\$56.31	\$56.86	\$0.56	0.99%
15	\$61.34	\$62.26	\$0.91	1.49%	\$6.11	\$6.11	\$0.00	0.00%	\$67.45	\$68.36	\$0.91	1.35%
20	\$70.45	\$71.72	\$1.27	1.80%	\$8.14	\$8.14	\$0.00	0.00%	\$78.60	\$79.86	\$1.27	1.61%
25	\$79.56	\$81.18	\$1.62	2.04%	\$10.18	\$10.18	\$0.00	0.00%	\$89.74	\$91.36	\$1.62	1.81%
30	\$88.67	\$90.64	\$1.98	2.23%	\$12.22	\$12.22	\$0.00	0.00%	\$100.88	\$102.86	\$1.98	1.96%
35	\$97.77	\$100.11	\$2.33	2.39%	\$14.25	\$14.25	\$0.00	0.00%	\$112.03	\$114.36	\$2.33	2.08%
40	\$106.88	\$109.57	\$2.69	2.52%	\$16.29	\$16.29	\$0.00	0.00%	\$123.17	\$125.86	\$2.69	2.18%
45	\$115.99	\$119.03	\$3.04	2.62%	\$18.32	\$18.32	\$0.00	0.00%	\$134.31	\$137.36	\$3.04	2.27%
50	\$125.10	\$128.50	\$3.40	2.72%	\$20.36	\$20.36	\$0.00	0.00%	\$145.46	\$148.86	\$3.40	2.34%
55	\$134.20	\$137.96	\$3.75	2.80%	\$22.40	\$22.40	\$0.00	0.00%	\$156.60	\$160.35	\$3.75	2.40%
60	\$143.31	\$147.42	\$4.11	2.87%	\$24.43	\$24.43	\$0.00	0.00%	\$167.74	\$171.85	\$4.11	2.45%
70	\$161.53	\$166.35	\$4.82	2.98%	\$28.50	\$28.50	\$0.00	0.00%	\$190.03	\$194.85	\$4.82	2.54%
80	\$179.74	\$185.27	\$5.53	3.08%	\$32.58	\$32.58	\$0.00	0.00%	\$212.32	\$217.85	\$5.53	2.61%
90	\$197.96	\$204.20	\$6.24	3.15%	\$36.65	\$36.65	\$0.00	0.00%	\$234.61	\$240.85	\$6.24	2.66%
100	\$202.63	\$209.20	\$6.57	3.24%	\$40.72	\$40.72	\$0.00	0.00%	\$243.35	\$249.91	\$6.57	2.70%
125	\$214.30	\$221.68	\$7.38	3.44%	\$50.90	\$50.90	\$0.00	0.00%	\$265.20	\$272.58	\$7.38	2.78%
150	\$225.98	\$234.17	\$8.19	3.63%	\$61.08	\$61.08	\$0.00	0.00%	\$287.06	\$295.25	\$8.19	2.85%
175	\$237.65	\$246.66	\$9.01	3.79%	\$71.26	\$71.26	\$0.00	0.00%	\$308.91	\$317.92	\$9.01	2.92%
200	\$249.33	\$259.15	\$9.82	3.94%	\$81.44	\$81.44	\$0.00	0.00%	\$330.77	\$340.59	\$9.82	2.97%
250	\$272.68	\$284.13	\$11.45	4.20%	\$101.80	\$101.80	\$0.00	0.00%	\$374.48	\$385.92	\$11.45	3.06%
300	\$296.03	\$309.10	\$13.07	4.42%	\$122.16	\$122.16	\$0.00	0.00%	\$418.19	\$431.26	\$13.07	3.13%
350	\$319.38	\$334.08	\$14.70	4.60%	\$142.52	\$142.52	\$0.00	0.00%	\$461.90	\$476.59	\$14.70	3.18%
400	\$342.73	\$359.06	\$16.33	4.76%	\$162.88	\$162.88	\$0.00	0.00%	\$505.61	\$521.93	\$16.33	3.23%
450	\$366.08	\$384.03	\$17.95	4.90%	\$183.23	\$183.23	\$0.00	0.00%	\$549.32	\$567.27	\$17.95	3.27%
Average	\$371.22	\$389.53	\$18.31	4.93%	\$187.71	\$187.71	\$0.00	0.00%	\$558.93	\$577.24	\$18.31	3.28%
500	\$389.43	\$409.01	\$19.58	5.03%	\$203.59	\$203.59	\$0.00	0.00%	\$593.02	\$612.60	\$19.58	3.30%
600	\$436.13	\$458.96	\$22.83	5.23%	\$244.31	\$244.31	\$0.00	0.00%	\$680.44	\$703.27	\$22.83	3.36%
700	\$482.83	\$508.92	\$26.08	5.40%	\$285.03	\$285.03	\$0.00	0.00%	\$767.86	\$793.95	\$26.08	3.40%
850	\$552.88	\$583.85	\$30.96	5.60%	\$346.11	\$346.11	\$0.00	0.00%	\$898.99	\$929.95	\$30.96	3.44%
1,000	\$622.93	\$658.77	\$35.84	5.75%	\$407.19	\$407.19	\$0.00	0.00%	\$1,030.12	\$1,065.96	\$35.84	3.48%
1,250	\$739.69	\$783.66	\$43.97	5.94%	\$508.98	\$508.98	\$0.00	0.00%	\$1,248.67	\$1,292.64	\$43.97	3.52%
1,500	\$856.44	\$908.54	\$52.10	6.08%	\$610.78	\$610.78	\$0.00	0.00%	\$1,467.22	\$1,519.32	\$52.10	3.55%
2,000	\$1,089.94	\$1,158.31	\$68.37	6.27%	\$814.38	\$814.38	\$0.00	0.00%	\$1,904.32	\$1,972.68	\$68.37	3.59%
2,500	\$1,323.44	\$1,408.07	\$84.63	6.39%	\$1,017.97	\$1,017.97	\$0.00	0.00%	\$2,341.41	\$2,426.04	\$84.63	3.61%
3,000	\$1,556.95	\$1,657.84	\$100.89	6.48%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,778.51	\$2,879.40	\$100.89	3.63%
4,000	\$1,883.39	\$2,012.66	\$129.27	6.86%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$3,512.14	\$3,641.41	\$129.27	3.68%
5,000	\$2,209.84	\$2,367.48	\$157.64	7.13%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$4,245.78	\$4,403.42	\$157.64	3.71%
7,500	\$3,025.95	\$3,254.53	\$228.58	7.55%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$6,079.86	\$6,308.44	\$228.58	3.76%
10,000	\$3,842.06	\$4,141.58	\$299.52	7.80%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$7,913.94	\$8,213.46	\$299.52	3.78%
15,000	\$5,474.28	\$5,915.69	\$441.41	8.06%	\$6,107.82	\$6,107.82	\$0.00	0.00%	\$11,582.10	\$12,023.50	\$441.41	3.81%
20,000	\$7,106.50	\$7,689.79	\$583.29	8.21%	\$8,143.76	\$8,143.76	\$0.00	0.00%	\$15,250.26	\$15,833.55	\$583.29	3.82%
25,000	\$8,738.73	\$9,463.89	\$725.17	8.30%	\$10,179.69	\$10,179.69	\$0.00	0.00%	\$18,918.42	\$19,643.59	\$725.17	3.83%
30,000	\$10,370.95	\$11,238.00	\$867.05	8.36%	\$12,215.63	\$12,215.63	\$0.00	0.00%	\$22,586.58	\$23,453.63	\$867.05	3.84%
FY 22					FY 23						Difference	Change
First 3 therms				\$37.66				\$37.66			\$0.00	0.00%
Next 87 therms				\$1,787,200				\$1,838,200			\$0.051	2.85%
Next 2,910 therms				\$0,448,700				\$0,461,600			\$0.013	2.87%
Over 3,000 therms				\$0,309,800				\$0,318,600			\$0.009	2.84%
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000667			\$0.001	0.00%
Demand Capacity Surcharge Mechanism				\$0.012784				\$0.031357			\$0.019	145.29%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0,394,640				\$0,394,640			\$0.000	0.00%
Merchant Function Charge				\$0,007,732				\$0,007,732			\$0.000	0.00%
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 3 - Multiple Dwelling Service
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$78.47	\$78.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$78.47	\$78.47	\$0.00	0.00%	
3	\$78.51	\$78.57	\$0.06	0.08%	\$1.22	\$1.22	\$0.00	0.00%	\$79.73	\$79.80	\$0.06	0.08%	
10	\$82.17	\$82.45	\$0.27	0.33%	\$4.07	\$4.07	\$0.00	0.00%	\$86.25	\$86.52	\$0.27	0.32%	
50	\$103.10	\$104.59	\$1.49	1.45%	\$20.36	\$20.36	\$0.00	0.00%	\$123.46	\$124.95	\$1.49	1.21%	
100	\$129.26	\$132.27	\$3.01	2.33%	\$40.72	\$40.72	\$0.00	0.00%	\$169.97	\$172.99	\$3.01	1.77%	
150	\$155.41	\$159.95	\$4.54	2.92%	\$61.08	\$61.08	\$0.00	0.00%	\$216.49	\$221.03	\$4.54	2.10%	
200	\$181.57	\$187.63	\$6.06	3.34%	\$81.44	\$81.44	\$0.00	0.00%	\$263.01	\$269.06	\$6.06	2.30%	
250	\$207.73	\$215.31	\$7.58	3.65%	\$101.80	\$101.80	\$0.00	0.00%	\$309.52	\$317.10	\$7.58	2.45%	
300	\$233.88	\$242.98	\$9.10	3.89%	\$122.16	\$122.16	\$0.00	0.00%	\$356.04	\$365.14	\$9.10	2.56%	
350	\$260.04	\$270.66	\$10.62	4.09%	\$142.52	\$142.52	\$0.00	0.00%	\$402.55	\$413.18	\$10.62	2.64%	
400	\$286.20	\$298.34	\$12.15	4.24%	\$162.88	\$162.88	\$0.00	0.00%	\$449.07	\$461.22	\$12.15	2.70%	
450	\$312.35	\$326.02	\$13.67	4.38%	\$183.23	\$183.23	\$0.00	0.00%	\$495.59	\$509.25	\$13.67	2.76%	
500	\$338.51	\$353.70	\$15.19	4.49%	\$203.59	\$203.59	\$0.00	0.00%	\$542.10	\$557.29	\$15.19	2.80%	
1,000	\$600.07	\$630.48	\$30.41	5.07%	\$407.19	\$407.19	\$0.00	0.00%	\$1,007.26	\$1,037.67	\$30.41	3.02%	
1,500	\$757.12	\$800.73	\$43.61	5.76%	\$610.78	\$610.78	\$0.00	0.00%	\$1,367.90	\$1,411.51	\$43.61	3.19%	
2,000	\$914.16	\$970.98	\$56.82	6.22%	\$814.38	\$814.38	\$0.00	0.00%	\$1,728.53	\$1,785.35	\$56.82	3.29%	
2,500	\$1,071.20	\$1,141.22	\$70.02	6.54%	\$1,017.97	\$1,017.97	\$0.00	0.00%	\$2,089.17	\$2,159.19	\$70.02	3.35%	
Average	2,615	\$1,107.32	\$1,180.38	\$73.06	6.60%	\$1,064.80	\$1,064.80	\$0.00	0.00%	\$2,172.12	\$2,245.18	\$73.06	3.36%
3,000	\$1,228.24	\$1,311.47	\$83.23	6.78%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,449.81	\$2,533.04	\$83.23	3.40%	
3,500	\$1,385.29	\$1,481.72	\$96.43	6.96%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$2,810.44	\$2,906.88	\$96.43	3.43%	
4,000	\$1,542.33	\$1,651.97	\$109.64	7.11%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$3,171.08	\$3,280.72	\$109.64	3.46%	
4,500	\$1,699.37	\$1,822.21	\$122.84	7.23%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$3,531.72	\$3,654.56	\$122.84	3.48%	
5,000	\$1,856.41	\$1,992.46	\$136.05	7.33%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$3,892.35	\$4,028.40	\$136.05	3.50%	
5,500	\$2,013.46	\$2,162.71	\$149.25	7.41%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$4,252.99	\$4,402.24	\$149.25	3.51%	
6,000	\$2,170.50	\$2,332.96	\$162.46	7.48%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$4,613.63	\$4,776.08	\$162.46	3.52%	
6,500	\$2,327.54	\$2,503.20	\$175.66	7.55%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$4,974.26	\$5,149.93	\$175.66	3.53%	
7,000	\$2,484.58	\$2,673.45	\$188.87	7.60%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$5,334.90	\$5,523.77	\$188.87	3.54%	
7,500	\$2,641.63	\$2,843.70	\$202.07	7.65%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$5,695.54	\$5,897.61	\$202.07	3.55%	
8,000	\$2,798.67	\$3,013.95	\$215.28	7.69%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$6,056.17	\$6,271.45	\$215.28	3.55%	
8,500	\$2,955.71	\$3,184.19	\$228.48	7.73%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$6,416.81	\$6,645.29	\$228.48	3.56%	
9,000	\$3,112.75	\$3,354.44	\$241.69	7.76%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$6,777.44	\$7,019.13	\$241.69	3.57%	
9,500	\$3,269.80	\$3,524.69	\$254.89	7.80%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$7,138.08	\$7,392.97	\$254.89	3.57%	
10,000	\$3,426.84	\$3,694.94	\$268.10	7.82%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$7,498.72	\$7,766.81	\$268.10	3.58%	
FY 22					FY 23						Difference	Change	
First 3 therms				\$74.66				\$74.66			\$0.00	0.00%	
Next 997 therms				\$0.494400				\$0.504100			\$0.010	1.96%	
Over 1,000 therms				\$0.292000				\$0.297800			\$0.006	1.99%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000660			\$0.001	0.00%	
Demand Capacity Surcharge Mechanism				\$0.012099				\$0.031209			\$0.019	157.94%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 15 - High Load Factor Service for Cogeneration
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$156.52	\$156.52	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$156.52	\$156.52	\$0.00	0.00%	
10	\$156.60	\$156.75	\$0.15	0.10%	\$2.94	\$2.94	\$0.00	0.00%	\$159.55	\$159.70	\$0.15	0.10%	
50	\$166.06	\$166.74	\$0.69	0.41%	\$14.72	\$14.72	\$0.00	0.00%	\$180.78	\$181.47	\$0.69	0.38%	
100	\$177.87	\$179.23	\$1.35	0.76%	\$29.45	\$29.45	\$0.00	0.00%	\$207.32	\$208.67	\$1.35	0.65%	
200	\$201.51	\$204.20	\$2.69	1.33%	\$58.90	\$58.90	\$0.00	0.00%	\$260.41	\$263.09	\$2.69	1.03%	
300	\$225.15	\$229.17	\$4.02	1.79%	\$88.35	\$88.35	\$0.00	0.00%	\$313.49	\$317.51	\$4.02	1.28%	
400	\$248.78	\$254.13	\$5.35	2.15%	\$117.79	\$117.79	\$0.00	0.00%	\$366.58	\$371.93	\$5.35	1.46%	
500	\$272.42	\$279.10	\$6.69	2.45%	\$147.24	\$147.24	\$0.00	0.00%	\$419.66	\$426.35	\$6.69	1.59%	
1,000	\$390.60	\$403.95	\$13.35	3.42%	\$294.48	\$294.48	\$0.00	0.00%	\$685.08	\$698.44	\$13.35	1.95%	
5,000	\$1,336.05	\$1,402.74	\$66.69	4.99%	\$1,472.42	\$1,472.42	\$0.00	0.00%	\$2,808.47	\$2,875.16	\$66.69	2.37%	
10,000	\$2,517.86	\$2,651.22	\$133.36	5.30%	\$2,944.85	\$2,944.85	\$0.00	0.00%	\$5,462.70	\$5,596.06	\$133.36	2.44%	
11,000	\$2,754.22	\$2,900.91	\$146.69	5.33%	\$3,239.33	\$3,239.33	\$0.00	0.00%	\$5,993.55	\$6,140.25	\$146.69	2.45%	
Average	11,522	\$2,877.60	\$3,031.26	\$153.65	5.34%	\$3,393.05	\$3,393.05	\$0.00	0.00%	\$6,270.65	\$6,424.31	\$153.65	2.45%
15,000	\$3,699.67	\$3,899.70	\$200.03	5.41%	\$4,417.27	\$4,417.27	\$0.00	0.00%	\$8,116.94	\$8,316.97	\$200.03	2.46%	
20,000	\$4,881.48	\$5,148.18	\$266.70	5.46%	\$5,889.69	\$5,889.69	\$0.00	0.00%	\$10,771.17	\$11,037.87	\$266.70	2.48%	
25,000	\$6,063.29	\$6,396.66	\$333.37	5.50%	\$7,362.12	\$7,362.12	\$0.00	0.00%	\$13,425.41	\$13,758.78	\$333.37	2.48%	
30,000	\$7,245.10	\$7,645.14	\$400.04	5.52%	\$8,834.54	\$8,834.54	\$0.00	0.00%	\$16,079.64	\$16,479.68	\$400.04	2.49%	
35,000	\$8,426.91	\$8,893.62	\$466.71	5.54%	\$10,306.96	\$10,306.96	\$0.00	0.00%	\$18,733.87	\$19,200.59	\$466.71	2.49%	
40,000	\$9,608.72	\$10,142.10	\$533.38	5.55%	\$11,779.39	\$11,779.39	\$0.00	0.00%	\$21,388.11	\$21,921.49	\$533.38	2.49%	
45,000	\$10,790.53	\$11,390.58	\$600.05	5.56%	\$13,251.81	\$13,251.81	\$0.00	0.00%	\$24,042.34	\$24,642.39	\$600.05	2.50%	
50,000	\$11,972.34	\$12,639.07	\$666.72	5.57%	\$14,724.23	\$14,724.23	\$0.00	0.00%	\$26,696.58	\$27,363.30	\$666.72	2.50%	
55,000	\$13,154.15	\$13,887.55	\$733.39	5.58%	\$16,196.65	\$16,196.65	\$0.00	0.00%	\$29,350.81	\$30,084.20	\$733.39	2.50%	
60,000	\$14,335.97	\$15,136.03	\$800.06	5.58%	\$17,669.08	\$17,669.08	\$0.00	0.00%	\$32,005.04	\$32,805.11	\$800.06	2.50%	
65,000	\$15,517.78	\$16,384.51	\$866.73	5.59%	\$19,141.50	\$19,141.50	\$0.00	0.00%	\$34,659.28	\$35,526.01	\$866.73	2.50%	
70,000	\$16,699.59	\$17,632.99	\$933.40	5.59%	\$20,613.92	\$20,613.92	\$0.00	0.00%	\$37,313.51	\$38,246.91	\$933.40	2.50%	
75,000	\$17,881.40	\$18,881.47	\$1,000.07	5.59%	\$22,086.35	\$22,086.35	\$0.00	0.00%	\$39,967.75	\$40,967.82	\$1,000.07	2.50%	
80,000	\$19,063.21	\$20,129.95	\$1,066.74	5.60%	\$23,558.77	\$23,558.77	\$0.00	0.00%	\$42,621.98	\$43,688.72	\$1,066.74	2.50%	
85,000	\$20,245.02	\$21,378.43	\$1,133.41	5.60%	\$25,031.19	\$25,031.19	\$0.00	0.00%	\$45,276.21	\$46,409.63	\$1,133.41	2.50%	
90,000	\$21,426.83	\$22,626.91	\$1,200.08	5.60%	\$26,503.62	\$26,503.62	\$0.00	0.00%	\$47,930.45	\$49,130.53	\$1,200.08	2.50%	
95,000	\$22,608.64	\$23,875.39	\$1,266.75	5.60%	\$27,976.04	\$27,976.04	\$0.00	0.00%	\$50,584.68	\$51,851.43	\$1,266.75	2.50%	
100,000	\$23,790.45	\$25,123.88	\$1,333.42	5.60%	\$29,448.46	\$29,448.46	\$0.00	0.00%	\$53,238.91	\$54,572.34	\$1,333.42	2.50%	
105,000	\$24,972.26	\$26,372.36	\$1,400.09	5.61%	\$30,920.89	\$30,920.89	\$0.00	0.00%	\$55,893.15	\$57,293.24	\$1,400.09	2.50%	
110,000	\$26,154.07	\$27,620.84	\$1,466.76	5.61%	\$32,393.31	\$32,393.31	\$0.00	0.00%	\$58,547.38	\$60,014.15	\$1,466.76	2.51%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$153.35				\$153.35			\$0.00	0.00%	
Over 10 therms				\$0.225700				\$0.223800			(\$0.002)	-0.84%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000259			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.007867				\$0.022684			\$0.015	188.35%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.284380				\$0.284380			\$0.000	0.00%	
Merchant Function Charge				\$0.006622				\$0.006622			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 16 -Non Residential Year-Round Space Conditioning Service
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$234.52	\$234.52	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$234.52	\$234.52	\$0.00	0.00%	
10	\$246.68	\$247.00	\$0.33	0.13%	\$3.30	\$3.30	\$0.00	0.00%	\$249.97	\$250.30	\$0.33	0.13%	
100	\$402.60	\$406.56	\$3.97	0.99%	\$32.98	\$32.98	\$0.00	0.00%	\$435.57	\$439.54	\$3.97	0.91%	
500	\$1,095.58	\$1,115.73	\$20.15	1.84%	\$164.88	\$164.88	\$0.00	0.00%	\$1,260.46	\$1,280.61	\$20.15	1.60%	
1,000	\$1,247.96	\$1,277.71	\$29.75	2.38%	\$329.77	\$329.77	\$0.00	0.00%	\$1,577.73	\$1,607.48	\$29.75	1.89%	
5,000	\$2,467.04	\$2,573.57	\$106.53	4.32%	\$1,648.83	\$1,648.83	\$0.00	0.00%	\$4,115.87	\$4,222.41	\$106.53	2.59%	
10,000	\$3,990.88	\$4,193.40	\$202.52	5.07%	\$3,297.67	\$3,297.67	\$0.00	0.00%	\$7,288.55	\$7,491.07	\$202.52	2.78%	
15,000	\$5,514.73	\$5,813.23	\$298.50	5.41%	\$4,946.50	\$4,946.50	\$0.00	0.00%	\$10,461.23	\$10,759.73	\$298.50	2.85%	
20,000	\$7,038.58	\$7,433.06	\$394.49	5.60%	\$6,595.33	\$6,595.33	\$0.00	0.00%	\$13,633.91	\$14,028.39	\$394.49	2.89%	
25,000	\$8,562.42	\$9,052.89	\$490.47	5.73%	\$8,244.16	\$8,244.16	\$0.00	0.00%	\$16,806.58	\$17,297.05	\$490.47	2.92%	
30,000	\$10,086.27	\$10,672.72	\$586.45	5.81%	\$9,893.00	\$9,893.00	\$0.00	0.00%	\$19,979.26	\$20,565.72	\$586.45	2.94%	
35,000	\$11,610.11	\$12,292.55	\$682.44	5.88%	\$11,541.83	\$11,541.83	\$0.00	0.00%	\$23,151.94	\$23,834.38	\$682.44	2.95%	
40,000	\$13,133.96	\$13,912.38	\$778.42	5.93%	\$13,190.66	\$13,190.66	\$0.00	0.00%	\$26,324.62	\$27,103.04	\$778.42	2.96%	
Average	45,931	\$14,941.54	\$15,833.82	\$892.28	5.97%	\$15,146.51	\$15,146.51	\$0.00	0.00%	\$30,088.05	\$30,980.33	\$892.28	2.97%
50,000	\$16,181.65	\$17,152.04	\$970.39	6.00%	\$16,488.33	\$16,488.33	\$0.00	0.00%	\$32,669.97	\$33,640.37	\$970.39	2.97%	
55,000	\$17,705.49	\$18,771.87	\$1,066.38	6.02%	\$18,137.16	\$18,137.16	\$0.00	0.00%	\$35,842.65	\$36,909.03	\$1,066.38	2.98%	
60,000	\$19,229.34	\$20,391.70	\$1,162.36	6.04%	\$19,785.99	\$19,785.99	\$0.00	0.00%	\$39,015.33	\$40,177.69	\$1,162.36	2.98%	
65,000	\$20,753.19	\$22,011.53	\$1,258.34	6.06%	\$21,434.82	\$21,434.82	\$0.00	0.00%	\$42,188.01	\$43,446.35	\$1,258.34	2.98%	
70,000	\$22,277.03	\$23,631.36	\$1,354.33	6.08%	\$23,083.66	\$23,083.66	\$0.00	0.00%	\$45,360.69	\$46,715.02	\$1,354.33	2.99%	
75,000	\$23,800.88	\$25,251.19	\$1,450.31	6.09%	\$24,732.49	\$24,732.49	\$0.00	0.00%	\$48,533.37	\$49,983.68	\$1,450.31	2.99%	
80,000	\$25,324.72	\$26,871.02	\$1,546.30	6.11%	\$26,381.32	\$26,381.32	\$0.00	0.00%	\$51,706.04	\$53,252.34	\$1,546.30	2.99%	
85,000	\$26,848.57	\$28,490.85	\$1,642.28	6.12%	\$28,030.15	\$28,030.15	\$0.00	0.00%	\$54,878.72	\$56,521.00	\$1,642.28	2.99%	
90,000	\$28,372.41	\$30,110.68	\$1,738.27	6.13%	\$29,678.99	\$29,678.99	\$0.00	0.00%	\$58,051.40	\$59,789.67	\$1,738.27	2.99%	
95,000	\$29,896.26	\$31,730.51	\$1,834.25	6.14%	\$31,327.82	\$31,327.82	\$0.00	0.00%	\$61,224.08	\$63,058.33	\$1,834.25	3.00%	
100,000	\$31,420.10	\$33,350.34	\$1,930.23	6.14%	\$32,976.65	\$32,976.65	\$0.00	0.00%	\$64,396.76	\$66,326.99	\$1,930.23	3.00%	
105,000	\$32,943.95	\$34,970.17	\$2,026.22	6.15%	\$34,625.48	\$34,625.48	\$0.00	0.00%	\$67,569.43	\$69,595.65	\$2,026.22	3.00%	
110,000	\$34,467.80	\$36,590.00	\$2,122.20	6.16%	\$36,274.32	\$36,274.32	\$0.00	0.00%	\$70,742.11	\$72,864.32	\$2,122.20	3.00%	
115,000	\$35,991.64	\$38,209.83	\$2,218.19	6.16%	\$37,923.15	\$37,923.15	\$0.00	0.00%	\$73,914.79	\$76,132.98	\$2,218.19	3.00%	
120,000	\$37,515.49	\$39,829.66	\$2,314.17	6.17%	\$39,571.98	\$39,571.98	\$0.00	0.00%	\$77,087.47	\$79,401.64	\$2,314.17	3.00%	
125,000	\$39,039.33	\$41,449.49	\$2,410.16	6.17%	\$41,220.81	\$41,220.81	\$0.00	0.00%	\$80,260.15	\$82,670.30	\$2,410.16	3.00%	
130,000	\$40,563.18	\$43,069.32	\$2,506.14	6.18%	\$42,869.65	\$42,869.65	\$0.00	0.00%	\$83,432.82	\$85,938.96	\$2,506.14	3.00%	
135,000	\$42,087.02	\$44,689.15	\$2,602.12	6.18%	\$44,518.48	\$44,518.48	\$0.00	0.00%	\$86,605.50	\$89,207.63	\$2,602.12	3.00%	
140,000	\$43,610.87	\$46,308.98	\$2,698.11	6.19%	\$46,167.31	\$46,167.31	\$0.00	0.00%	\$89,778.18	\$92,476.29	\$2,698.11	3.01%	
FY 22					FY 23						Difference	Change	
First 3 therms				\$230.43				\$230.43			\$0.00	0.00%	
Next 497 therms				\$1,702,700				\$1,728,000			\$0.025	1.49%	
Over 500 therms				\$0,291,900				\$0,296,200			\$0.004	1.47%	
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000304			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.009265				\$0.023630			\$0.014	155.06%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0,318,897				\$0,318,897			\$0.000	0.00%	
Merchant Function Charge				\$0,006,969				\$0,006,969			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 9 - Uncompressed Natural Gas Vehicle Service
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total			
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change
Therm Usage												
0	\$39.79	\$39.79	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.79	\$39.79	\$0.00	0.00%
3	\$39.81	\$39.85	\$0.04	0.10%	\$0.80	\$0.80	\$0.00	0.00%	\$40.61	\$40.66	\$0.04	0.10%
10	\$43.89	\$44.36	\$0.47	1.08%	\$2.67	\$2.67	\$0.00	0.00%	\$46.56	\$47.03	\$0.47	1.02%
100	\$96.27	\$102.31	\$6.04	6.27%	\$26.73	\$26.73	\$0.00	0.00%	\$123.00	\$129.04	\$6.04	4.91%
1,000	\$620.10	\$681.81	\$61.70	9.95%	\$267.29	\$267.29	\$0.00	0.00%	\$887.39	\$949.10	\$61.70	6.95%
5,000	\$2,948.25	\$3,257.35	\$309.10	10.48%	\$1,336.45	\$1,336.45	\$0.00	0.00%	\$4,284.70	\$4,593.80	\$309.10	7.21%
10,000	\$5,858.44	\$6,476.78	\$618.34	10.55%	\$2,672.89	\$2,672.89	\$0.00	0.00%	\$8,531.33	\$9,149.67	\$618.34	7.25%
20,000	\$11,678.82	\$12,915.64	\$1,236.83	10.59%	\$5,345.78	\$5,345.78	\$0.00	0.00%	\$17,024.60	\$18,261.43	\$1,236.83	7.26%
22,000	\$12,842.89	\$14,203.42	\$1,360.53	10.59%	\$5,880.36	\$5,880.36	\$0.00	0.00%	\$18,723.25	\$20,083.78	\$1,360.53	7.27%
24,000	\$14,006.97	\$15,491.19	\$1,484.22	10.60%	\$6,414.94	\$6,414.94	\$0.00	0.00%	\$20,421.90	\$21,906.13	\$1,484.22	7.27%
26,000	\$15,171.04	\$16,778.96	\$1,607.92	10.60%	\$6,949.52	\$6,949.52	\$0.00	0.00%	\$22,120.56	\$23,728.48	\$1,607.92	7.27%
Average	\$17,081.87	\$18,892.84	\$1,810.97	10.60%	\$7,827.03	\$7,827.03	\$0.00	0.00%	\$24,908.90	\$26,719.87	\$1,810.97	7.27%
30,000	\$17,499.19	\$19,354.50	\$1,855.31	10.60%	\$8,018.67	\$8,018.67	\$0.00	0.00%	\$25,517.86	\$27,373.18	\$1,855.31	7.27%
35,000	\$20,409.38	\$22,573.93	\$2,164.56	10.61%	\$9,355.12	\$9,355.12	\$0.00	0.00%	\$29,764.50	\$31,929.05	\$2,164.56	7.27%
40,000	\$23,319.56	\$25,793.37	\$2,473.80	10.61%	\$10,691.57	\$10,691.57	\$0.00	0.00%	\$34,011.13	\$36,484.93	\$2,473.80	7.27%
36,000	\$20,991.41	\$23,217.82	\$2,226.41	10.61%	\$9,622.41	\$9,622.41	\$0.00	0.00%	\$30,613.82	\$32,840.23	\$2,226.41	7.27%
38,000	\$22,155.49	\$24,505.59	\$2,350.10	10.61%	\$10,156.99	\$10,156.99	\$0.00	0.00%	\$32,312.48	\$34,662.58	\$2,350.10	7.27%
40,000	\$23,319.56	\$25,793.37	\$2,473.80	10.61%	\$10,691.57	\$10,691.57	\$0.00	0.00%	\$34,011.13	\$36,484.93	\$2,473.80	7.27%
42,000	\$24,483.64	\$27,081.14	\$2,597.50	10.61%	\$11,226.14	\$11,226.14	\$0.00	0.00%	\$35,709.78	\$38,307.28	\$2,597.50	7.27%
44,000	\$25,647.71	\$28,368.91	\$2,721.20	10.61%	\$11,760.72	\$11,760.72	\$0.00	0.00%	\$37,408.44	\$40,129.63	\$2,721.20	7.27%
46,000	\$26,811.79	\$29,656.68	\$2,844.89	10.61%	\$12,295.30	\$12,295.30	\$0.00	0.00%	\$39,107.09	\$41,951.98	\$2,844.89	7.27%
48,000	\$27,975.86	\$30,944.45	\$2,968.59	10.61%	\$12,829.88	\$12,829.88	\$0.00	0.00%	\$40,805.74	\$43,774.33	\$2,968.59	7.27%
50,000	\$29,139.94	\$32,232.23	\$3,092.29	10.61%	\$13,364.46	\$13,364.46	\$0.00	0.00%	\$42,504.39	\$45,596.68	\$3,092.29	7.28%
52,000	\$30,304.01	\$33,520.00	\$3,215.98	10.61%	\$13,899.03	\$13,899.03	\$0.00	0.00%	\$44,203.05	\$47,419.03	\$3,215.98	7.28%
54,000	\$31,468.09	\$34,807.77	\$3,339.68	10.61%	\$14,433.61	\$14,433.61	\$0.00	0.00%	\$45,901.70	\$49,241.38	\$3,339.68	7.28%
56,000	\$32,632.16	\$36,095.54	\$3,463.38	10.61%	\$14,968.19	\$14,968.19	\$0.00	0.00%	\$47,600.35	\$51,063.73	\$3,463.38	7.28%
58,000	\$33,796.24	\$37,383.31	\$3,587.08	10.61%	\$15,502.77	\$15,502.77	\$0.00	0.00%	\$49,299.01	\$52,886.08	\$3,587.08	7.28%
60,000	\$34,960.31	\$38,671.09	\$3,710.77	10.61%	\$16,037.35	\$16,037.35	\$0.00	0.00%	\$50,997.66	\$54,708.43	\$3,710.77	7.28%
65,000	\$37,870.50	\$41,890.52	\$4,020.02	10.62%	\$17,373.79	\$17,373.79	\$0.00	0.00%	\$55,244.29	\$59,264.31	\$4,020.02	7.28%
70,000	\$40,780.69	\$45,109.95	\$4,329.26	10.62%	\$18,710.24	\$18,710.24	\$0.00	0.00%	\$59,490.93	\$63,820.19	\$4,329.26	7.28%
75,000	\$43,690.87	\$48,329.38	\$4,638.50	10.62%	\$20,046.68	\$20,046.68	\$0.00	0.00%	\$63,737.56	\$68,376.06	\$4,638.50	7.28%
80,000	\$46,601.06	\$51,548.81	\$4,947.75	10.62%	\$21,383.13	\$21,383.13	\$0.00	0.00%	\$67,984.19	\$72,931.94	\$4,947.75	7.28%
85,000	\$49,511.25	\$54,768.24	\$5,256.99	10.62%	\$22,719.58	\$22,719.58	\$0.00	0.00%	\$72,230.82	\$77,487.81	\$5,256.99	7.28%
FY 22					FY 23						Difference	Change
First 3 therms				\$38.00				\$38.00			\$0.00	0.00%
Over 3 therms				\$0.567800				\$0.615200			\$0.047	8.35%
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000175			\$0.000	0.00%
Demand Capacity Surcharge Mechanism				\$0.007354				\$0.020896			\$0.014	184.15%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.257774				\$0.257774			\$0.000	0.00%
Merchant Function Charge				\$0.006354				\$0.006354			\$0.000	0.00%
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 1 - less than IMW (April - October)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total					
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change		
Therm Usage														
0	\$184.11	\$184.11	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$184.11	\$184.11	\$0.00	0.00%		
10	\$184.20	\$184.34	\$0.15	0.08%	\$4.07	\$4.07	\$0.00	0.00%	\$188.27	\$188.41	\$0.15	0.08%		
50	\$190.69	\$191.41	\$0.71	0.37%	\$20.36	\$20.36	\$0.00	0.00%	\$211.05	\$211.77	\$0.71	0.34%		
100	\$198.82	\$200.24	\$1.43	0.72%	\$40.72	\$40.72	\$0.00	0.00%	\$239.53	\$240.96	\$1.43	0.60%		
200	\$215.06	\$217.91	\$2.85	1.32%	\$81.44	\$81.44	\$0.00	0.00%	\$296.50	\$299.34	\$2.85	0.96%		
300	\$231.30	\$235.57	\$4.27	1.85%	\$122.16	\$122.16	\$0.00	0.00%	\$353.46	\$357.73	\$4.27	1.21%		
400	\$247.55	\$253.24	\$5.69	2.30%	\$162.88	\$162.88	\$0.00	0.00%	\$410.42	\$416.11	\$5.69	1.39%		
500	\$263.79	\$270.90	\$7.11	2.70%	\$203.59	\$203.59	\$0.00	0.00%	\$467.39	\$474.50	\$7.11	1.52%		
1,000	\$345.01	\$359.23	\$14.22	4.12%	\$407.19	\$407.19	\$0.00	0.00%	\$752.20	\$766.42	\$14.22	1.89%		
1,500	\$426.23	\$447.56	\$21.33	5.00%	\$610.78	\$610.78	\$0.00	0.00%	\$1,037.01	\$1,058.34	\$21.33	2.06%		
2,000	\$507.45	\$535.88	\$28.43	5.60%	\$814.38	\$814.38	\$0.00	0.00%	\$1,321.82	\$1,350.26	\$28.43	2.15%		
3,000	\$669.89	\$712.53	\$42.65	6.37%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$1,891.45	\$1,934.10	\$42.65	2.25%		
Average	3,479	\$747.69	\$797.15	\$49.46	6.61%	\$1,416.61	\$1,416.61	\$0.00	0.00%	\$2,164.30	\$2,213.76	\$49.46	2.29%	
3,500	\$751.11	\$800.86	\$49.76	6.62%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$2,176.26	\$2,226.02	\$49.76	2.29%		
4,000	\$832.32	\$889.19	\$56.86	6.83%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$2,461.08	\$2,517.94	\$56.86	2.31%		
4,500	\$913.54	\$977.51	\$63.97	7.00%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$2,745.89	\$2,809.86	\$63.97	2.33%		
5,000	\$994.76	\$1,065.84	\$71.08	7.15%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$3,030.70	\$3,101.78	\$71.08	2.35%		
5,500	\$1,075.98	\$1,154.17	\$78.19	7.27%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$3,315.51	\$3,393.70	\$78.19	2.36%		
6,000	\$1,157.20	\$1,242.49	\$85.29	7.37%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$3,600.33	\$3,685.62	\$85.29	2.37%		
6,500	\$1,238.42	\$1,330.82	\$92.40	7.46%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$3,885.14	\$3,977.54	\$92.40	2.38%		
7,000	\$1,319.64	\$1,419.15	\$99.51	7.54%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$4,169.95	\$4,269.46	\$99.51	2.39%		
7,500	\$1,400.86	\$1,507.47	\$106.61	7.61%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$4,454.77	\$4,561.38	\$106.61	2.39%		
8,000	\$1,482.08	\$1,595.80	\$113.72	7.67%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$4,739.58	\$4,853.30	\$113.72	2.40%		
8,500	\$1,563.30	\$1,684.12	\$120.83	7.73%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$5,024.39	\$5,145.22	\$120.83	2.40%		
9,000	\$1,644.51	\$1,772.45	\$127.94	7.78%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$5,309.20	\$5,437.14	\$127.94	2.41%		
9,500	\$1,725.73	\$1,860.78	\$135.04	7.83%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$5,594.02	\$5,729.06	\$135.04	2.41%		
10,000	\$1,806.95	\$1,949.10	\$142.15	7.87%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$5,878.83	\$6,020.98	\$142.15	2.42%		
10,500	\$1,888.17	\$2,037.43	\$149.26	7.90%	\$4,275.47	\$4,275.47	\$0.00	0.00%	\$6,163.64	\$6,312.90	\$149.26	2.42%		
FY 22					FY 23					Difference		Change		
First 10 therms											\$180.61	\$180.61	\$0.00	0.00%
Over 10 therms											\$0.151700	\$0.151300	(\$0.0004)	-0.26%
Billing & Payment Processing											\$1.320000	\$1.320000	\$0.0000	0.00%
Delivery Rate Adjustment														
Site Investigation & Remediation Surcharge											\$0.000000	\$0.000000	\$0.0000	0.00%
Leak Prone Pipe Surcharge											\$0.000000	\$0.000000	\$0.0000	0.00%
Revenue Decoupling Mechanism											\$0.000000	\$0.000000	\$0.0000	0.00%
Electric Generator Revenue											\$0.000000	\$0.000000	\$0.0000	0.00%
TC/IT Revenue Surcharge / Credit											\$0.000000	\$0.000000	\$0.0000	0.00%
Gas Safety and Reliability Surcharge											\$0.000000	\$0.000000	\$0.0000	0.00%
Tax Reform											\$0.000000	\$0.000000	\$0.0000	0.00%
NY Facilities System Surcharge / Surcredit											\$0.000000	\$0.000000	\$0.0000	0.00%
Earning Adjustment Mechanism											\$0.000000	\$0.000000	\$0.0000	0.00%
Non Labor Demand Response O&M Cost											\$0.000000	\$0.000274	\$0.000274	0.00%
Demand Capacity Surcharge Mechanism											\$0.008817	\$0.022990	\$0.014173	160.75%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms											\$0.000000	\$0.000000	\$0.0000	0.00%
Clean Energy Fund											\$0.000000	\$0.000000	\$0.0000	0.00%
Energy Efficiency Surcharge											\$0.000000	\$0.000000	\$0.0000	0.00%
Monthly Cost of Gas											\$0.394640	\$0.394640	\$0.0000	0.00%
Merchant Function Charge											\$0.007732	\$0.007732	\$0.0000	0.00%
GRT on Delivery											1.010000%	1.010000%	\$0.0000	0.00%
GRT on Supply											1.010000%	1.010000%	\$0.0000	0.00%
MTA on Delivery											0.185000%	0.185000%	\$0.0000	0.00%
MTA on Supply											0.185000%	0.185000%	\$0.0000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (November - March)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$184.11	\$184.11	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$184.11	\$184.11	\$0.00	0.00%	
10	\$184.20	\$184.34	\$0.15	0.08%	\$4.07	\$4.07	\$0.00	0.00%	\$188.27	\$188.41	\$0.15	0.08%	
50	\$192.44	\$193.15	\$0.71	0.37%	\$20.36	\$20.36	\$0.00	0.00%	\$212.80	\$213.51	\$0.71	0.33%	
100	\$202.75	\$204.16	\$1.41	0.69%	\$40.72	\$40.72	\$0.00	0.00%	\$243.47	\$244.88	\$1.41	0.58%	
200	\$223.37	\$226.17	\$2.81	1.26%	\$81.44	\$81.44	\$0.00	0.00%	\$304.80	\$307.61	\$2.81	0.92%	
300	\$243.98	\$248.19	\$4.21	1.73%	\$122.16	\$122.16	\$0.00	0.00%	\$366.14	\$370.35	\$4.21	1.15%	
400	\$264.60	\$270.21	\$5.61	2.12%	\$162.88	\$162.88	\$0.00	0.00%	\$427.47	\$433.08	\$5.61	1.31%	
500	\$285.21	\$292.22	\$7.01	2.46%	\$203.59	\$203.59	\$0.00	0.00%	\$488.81	\$495.82	\$7.01	1.43%	
1,000	\$388.29	\$402.31	\$14.02	3.61%	\$407.19	\$407.19	\$0.00	0.00%	\$795.48	\$809.50	\$14.02	1.76%	
1,500	\$491.37	\$512.39	\$21.02	4.28%	\$610.78	\$610.78	\$0.00	0.00%	\$1,102.15	\$1,123.17	\$21.02	1.91%	
2,000	\$594.45	\$622.48	\$28.03	4.72%	\$814.38	\$814.38	\$0.00	0.00%	\$1,408.82	\$1,436.85	\$28.03	1.99%	
3,000	\$800.60	\$842.64	\$42.04	5.25%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,022.16	\$2,064.21	\$42.04	2.08%	
Average	3,479	\$899.35	\$948.10	\$48.76	5.42%	\$1,416.61	\$1,416.61	\$0.00	0.00%	\$2,315.95	\$2,364.71	\$48.76	2.11%
3,500	\$903.68	\$952.73	\$49.05	5.43%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$2,328.84	\$2,377.88	\$49.05	2.11%	
4,000	\$1,006.76	\$1,062.81	\$56.06	5.57%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$2,635.51	\$2,691.56	\$56.06	2.13%	
4,500	\$1,109.83	\$1,172.89	\$63.06	5.68%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$2,942.18	\$3,005.24	\$63.06	2.14%	
5,000	\$1,212.91	\$1,282.98	\$70.07	5.78%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$3,248.85	\$3,318.92	\$70.07	2.16%	
5,500	\$1,315.99	\$1,393.06	\$77.07	5.86%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$3,555.52	\$3,632.59	\$77.07	2.17%	
6,000	\$1,419.07	\$1,503.15	\$84.08	5.93%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$3,862.19	\$3,946.27	\$84.08	2.18%	
6,500	\$1,522.14	\$1,613.23	\$91.09	5.98%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$4,168.86	\$4,259.95	\$91.09	2.18%	
7,000	\$1,625.22	\$1,723.31	\$98.09	6.04%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$4,475.54	\$4,573.63	\$98.09	2.19%	
7,500	\$1,728.30	\$1,833.40	\$105.10	6.08%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$4,782.21	\$4,887.31	\$105.10	2.20%	
8,000	\$1,831.38	\$1,943.48	\$112.10	6.12%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$5,088.88	\$5,200.98	\$112.10	2.20%	
8,500	\$1,934.45	\$2,053.56	\$119.11	6.16%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$5,395.55	\$5,514.66	\$119.11	2.21%	
9,000	\$2,037.53	\$2,163.65	\$126.12	6.19%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$5,702.22	\$5,828.34	\$126.12	2.21%	
9,500	\$2,140.61	\$2,273.73	\$133.12	6.22%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$6,008.89	\$6,142.02	\$133.12	2.22%	
10,000	\$2,243.69	\$2,383.82	\$140.13	6.25%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$6,315.56	\$6,455.69	\$140.13	2.22%	
10,500	\$2,346.76	\$2,493.90	\$147.14	6.27%	\$4,275.47	\$4,275.47	\$0.00	0.00%	\$6,622.24	\$6,769.37	\$147.14	2.22%	
FY 22					FY 23					Difference	Change		
First 10 therms										\$180.61	\$180.61	\$0.00	0.00%
Over 10 therms										\$0.194900	\$0.194300	(\$0.001)	-0.31%
Billing & Payment Processing										\$1.320000	\$1.320000	\$0.000	0.00%
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge										\$0.000000	\$0.000000	\$0.000	0.00%
Leak Prone Pipe Surcharge										\$0.000000	\$0.000000	\$0.000	0.00%
Revenue Decoupling Mechanism										\$0.000000	\$0.000000	\$0.000	0.00%
Electric Generator Revenue										\$0.000000	\$0.000000	\$0.000	0.00%
TC/IT Revenue Surcharge / Credit										\$0.000000	\$0.000000	\$0.000	0.00%
Gas Safety and Reliability Surcharge										\$0.000000	\$0.000000	\$0.000	0.00%
Tax Reform										\$0.000000	\$0.000000	\$0.000	0.00%
NY Facilities System Surcharge / Surcredit										\$0.000000	\$0.000000	\$0.000	0.00%
Earning Adjustment Mechanism										\$0.000000	\$0.000000	\$0.000	0.00%
Non Labor Demand Response O&M Cost										\$0.000000	\$0.000274	\$0.000	0.00%
Demand Capacity Surcharge Mechanism										\$0.008817	\$0.022990	\$0.014	160.75%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms										\$0.000000	\$0.000000	\$0.000	0.00%
Clean Energy Fund										\$0.000000	\$0.000000	\$0.000	0.00%
Energy Efficiency Surcharge										\$0.000000	\$0.000000	\$0.000	0.00%
Monthly Cost of Gas										\$0.394640	\$0.394640	\$0.000	0.00%
Merchant Function Charge										\$0.007732	\$0.007732	\$0.000	0.00%
GRT on Delivery										1.010000%	1.010000%	\$0.000	0.00%
GRT on Supply										1.010000%	1.010000%	\$0.000	0.00%
MTA on Delivery										0.185000%	0.185000%	\$0.000	0.00%
MTA on Supply										0.185000%	0.185000%	\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (April - October)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$333.48	\$333.48	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$333.48	\$333.48	\$0.00	0.00%	
10	\$333.57	\$333.72	\$0.15	0.04%	\$4.07	\$4.07	\$0.00	0.00%	\$337.65	\$337.79	\$0.15	0.04%	
50	\$340.07	\$340.79	\$0.71	0.21%	\$20.36	\$20.36	\$0.00	0.00%	\$360.43	\$361.15	\$0.71	0.20%	
100	\$348.19	\$349.62	\$1.43	0.41%	\$40.72	\$40.72	\$0.00	0.00%	\$388.91	\$390.34	\$1.43	0.37%	
200	\$364.44	\$367.28	\$2.85	0.78%	\$81.44	\$81.44	\$0.00	0.00%	\$445.87	\$448.72	\$2.85	0.64%	
300	\$380.68	\$384.95	\$4.27	1.12%	\$122.16	\$122.16	\$0.00	0.00%	\$502.84	\$507.11	\$4.27	0.85%	
400	\$396.92	\$402.61	\$5.69	1.43%	\$162.88	\$162.88	\$0.00	0.00%	\$559.80	\$565.49	\$5.69	1.02%	
500	\$413.17	\$420.28	\$7.11	1.72%	\$203.59	\$203.59	\$0.00	0.00%	\$616.76	\$623.87	\$7.11	1.15%	
1,000	\$494.39	\$508.61	\$14.22	2.88%	\$407.19	\$407.19	\$0.00	0.00%	\$901.57	\$915.79	\$14.22	1.58%	
1,500	\$575.61	\$596.93	\$21.33	3.70%	\$610.78	\$610.78	\$0.00	0.00%	\$1,186.39	\$1,207.71	\$21.33	1.80%	
2,000	\$656.83	\$685.26	\$28.43	4.33%	\$814.38	\$814.38	\$0.00	0.00%	\$1,471.20	\$1,499.63	\$28.43	1.93%	
3,000	\$819.26	\$861.91	\$42.65	5.21%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,040.83	\$2,083.47	\$42.65	2.09%	
Average	3,479	\$897.07	\$946.53	\$49.46	5.51%	\$1,416.61	\$1,416.61	\$0.00	0.00%	\$2,313.68	\$2,363.13	\$49.46	2.14%
3,500	\$900.48	\$950.24	\$49.76	5.53%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$2,325.64	\$2,375.39	\$49.76	2.14%	
4,000	\$981.70	\$1,038.56	\$56.86	5.79%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$2,610.45	\$2,667.32	\$56.86	2.18%	
4,500	\$1,062.92	\$1,126.89	\$63.97	6.02%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$2,895.27	\$2,959.24	\$63.97	2.21%	
5,000	\$1,144.14	\$1,215.22	\$71.08	6.21%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$3,180.08	\$3,251.16	\$71.08	2.24%	
5,500	\$1,225.36	\$1,303.54	\$78.19	6.38%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$3,464.89	\$3,543.08	\$78.19	2.26%	
6,000	\$1,306.58	\$1,391.87	\$85.29	6.53%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$3,749.70	\$3,835.00	\$85.29	2.27%	
6,500	\$1,387.80	\$1,480.20	\$92.40	6.66%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$4,034.52	\$4,126.92	\$92.40	2.29%	
7,000	\$1,469.02	\$1,568.52	\$99.51	6.77%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$4,319.33	\$4,418.84	\$99.51	2.30%	
7,500	\$1,550.23	\$1,656.85	\$106.61	6.88%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$4,604.14	\$4,710.76	\$106.61	2.32%	
8,000	\$1,631.45	\$1,745.18	\$113.72	6.97%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$4,888.96	\$5,002.68	\$113.72	2.33%	
8,500	\$1,712.67	\$1,833.50	\$120.83	7.06%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$5,173.77	\$5,294.60	\$120.83	2.34%	
9,000	\$1,793.89	\$1,921.83	\$127.94	7.13%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$5,458.58	\$5,586.52	\$127.94	2.34%	
9,500	\$1,875.11	\$2,010.15	\$135.04	7.20%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$5,743.39	\$5,878.44	\$135.04	2.35%	
10,000	\$1,956.33	\$2,098.48	\$142.15	7.27%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$6,028.21	\$6,170.36	\$142.15	2.36%	
10,500	\$2,037.55	\$2,186.81	\$149.26	7.33%	\$4,275.47	\$4,275.47	\$0.00	0.00%	\$6,313.02	\$6,462.28	\$149.26	2.36%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$328.22				\$328.22			\$0.00	0.00%	
Over 10 therms				\$0.151700				\$0.151300			(\$0.000)	-0.26%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000274			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.008817				\$0.022990			\$0.014	160.75%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (November - March)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$333.48	\$333.48	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$333.48	\$333.48	\$0.00	0.00%	
10	\$333.57	\$333.72	\$0.15	0.04%	\$4.07	\$4.07	\$0.00	0.00%	\$337.65	\$337.79	\$0.15	0.04%	
50	\$341.82	\$342.53	\$0.71	0.21%	\$20.36	\$20.36	\$0.00	0.00%	\$362.18	\$362.89	\$0.71	0.20%	
100	\$352.13	\$353.53	\$1.41	0.40%	\$40.72	\$40.72	\$0.00	0.00%	\$392.85	\$394.25	\$1.41	0.36%	
200	\$372.74	\$375.55	\$2.81	0.75%	\$81.44	\$81.44	\$0.00	0.00%	\$454.18	\$456.99	\$2.81	0.62%	
300	\$393.36	\$397.57	\$4.21	1.07%	\$122.16	\$122.16	\$0.00	0.00%	\$515.51	\$519.72	\$4.21	0.82%	
400	\$413.97	\$419.58	\$5.61	1.36%	\$162.88	\$162.88	\$0.00	0.00%	\$576.85	\$582.46	\$5.61	0.97%	
500	\$434.59	\$441.60	\$7.01	1.61%	\$203.59	\$203.59	\$0.00	0.00%	\$638.18	\$645.20	\$7.01	1.10%	
1,000	\$537.67	\$551.69	\$14.02	2.61%	\$407.19	\$407.19	\$0.00	0.00%	\$944.85	\$958.87	\$14.02	1.48%	
1,500	\$640.74	\$661.77	\$21.02	3.28%	\$610.78	\$610.78	\$0.00	0.00%	\$1,251.53	\$1,272.55	\$21.02	1.68%	
2,000	\$743.82	\$771.85	\$28.03	3.77%	\$814.38	\$814.38	\$0.00	0.00%	\$1,558.20	\$1,586.23	\$28.03	1.80%	
3,000	\$949.98	\$992.02	\$42.04	4.43%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$2,171.54	\$2,213.58	\$42.04	1.94%	
Average	3,479	\$1,048.73	\$1,097.48	\$48.76	4.65%	\$1,416.61	\$1,416.61	\$0.00	0.00%	\$2,465.33	\$2,514.09	\$48.76	1.98%
3,500	\$1,053.05	\$1,102.10	\$49.05	4.66%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$2,478.21	\$2,527.26	\$49.05	1.98%	
4,000	\$1,156.13	\$1,212.19	\$56.06	4.85%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$2,784.88	\$2,840.94	\$56.06	2.01%	
4,500	\$1,259.21	\$1,322.27	\$63.06	5.01%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$3,091.55	\$3,154.62	\$63.06	2.04%	
5,000	\$1,362.29	\$1,432.36	\$70.07	5.14%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$3,398.23	\$3,468.29	\$70.07	2.06%	
5,500	\$1,465.36	\$1,542.44	\$77.07	5.26%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$3,704.90	\$3,781.97	\$77.07	2.08%	
6,000	\$1,568.44	\$1,652.52	\$84.08	5.36%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$4,011.57	\$4,095.65	\$84.08	2.10%	
6,500	\$1,671.52	\$1,762.61	\$91.09	5.45%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$4,318.24	\$4,409.33	\$91.09	2.11%	
7,000	\$1,774.60	\$1,872.69	\$98.09	5.53%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$4,624.91	\$4,723.00	\$98.09	2.12%	
7,500	\$1,877.67	\$1,982.77	\$105.10	5.60%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$4,931.58	\$5,036.68	\$105.10	2.13%	
8,000	\$1,980.75	\$2,092.86	\$112.10	5.66%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$5,238.25	\$5,350.36	\$112.10	2.14%	
8,500	\$2,083.83	\$2,202.94	\$119.11	5.72%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$5,544.93	\$5,664.04	\$119.11	2.15%	
9,000	\$2,186.91	\$2,313.02	\$126.12	5.77%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$5,851.60	\$5,977.71	\$126.12	2.16%	
9,500	\$2,289.99	\$2,423.11	\$133.12	5.81%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$6,158.27	\$6,291.39	\$133.12	2.16%	
10,000	\$2,393.06	\$2,533.19	\$140.13	5.86%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$6,464.94	\$6,605.07	\$140.13	2.17%	
10,500	\$2,496.14	\$2,643.28	\$147.14	5.89%	\$4,275.47	\$4,275.47	\$0.00	0.00%	\$6,771.61	\$6,918.75	\$147.14	2.17%	
FY 22					FY 23					Difference		Change	
First 10 therms												\$0.00	0.00%
Over 10 therms												(\$0.001)	-0.31%
Billing & Payment Processing												\$0.000	0.00%
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge												\$0.000	0.00%
Leak Prone Pipe Surcharge												\$0.000	0.00%
Revenue Decoupling Mechanism												\$0.000	0.00%
Electric Generator Revenue												\$0.000	0.00%
TC/IT Revenue Surcharge / Credit												\$0.000	0.00%
Gas Safety and Reliability Surcharge												\$0.000	0.00%
Tax Reform												\$0.000	0.00%
NY Facilities System Surcharge / Surcredit												\$0.000	0.00%
Earning Adjustment Mechanism												\$0.000	0.00%
Non Labor Demand Response O&M Cost												\$0.000274	0.00%
Demand Capacity Surcharge Mechanism												\$0.014	160.75%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms												\$0.000	0.00%
Clean Energy Fund												\$0.000	0.00%
Energy Efficiency Surcharge												\$0.000	0.00%
Monthly Cost of Gas												\$0.000	0.00%
Merchant Function Charge												\$0.000	0.00%
GRT on Delivery												\$0.000	0.00%
GRT on Supply												\$0.000	0.00%
MTA on Delivery												\$0.000	0.00%
MTA on Supply												\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 3 - equal to or greater than 5 MW but less than 50 MW (April - October)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$95,864.47	\$95,864.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$95,864.47	\$95,864.47	\$0.00	0.00%	
10	\$95,864.56	\$95,864.71	\$0.15	0.00%	\$4.07	\$4.07	\$0.00	0.00%	\$95,868.63	\$95,868.78	\$0.15	0.00%	
50	\$95,866.44	\$95,867.17	\$0.73	0.00%	\$20.36	\$20.36	\$0.00	0.00%	\$95,886.80	\$95,887.53	\$0.73	0.00%	
100	\$95,868.79	\$95,870.24	\$1.45	0.00%	\$40.72	\$40.72	\$0.00	0.00%	\$95,909.51	\$95,910.96	\$1.45	0.00%	
200	\$95,873.49	\$95,876.39	\$2.90	0.00%	\$81.44	\$81.44	\$0.00	0.00%	\$95,954.92	\$95,957.83	\$2.90	0.00%	
300	\$95,878.18	\$95,882.54	\$4.36	0.00%	\$122.16	\$122.16	\$0.00	0.00%	\$96,000.34	\$96,004.70	\$4.36	0.00%	
400	\$95,882.88	\$95,888.69	\$5.81	0.01%	\$162.88	\$162.88	\$0.00	0.00%	\$96,045.76	\$96,051.56	\$5.81	0.01%	
500	\$95,887.58	\$95,894.84	\$7.26	0.01%	\$203.59	\$203.59	\$0.00	0.00%	\$96,091.17	\$96,098.43	\$7.26	0.01%	
1,000	\$95,911.06	\$95,925.58	\$14.52	0.02%	\$407.19	\$407.19	\$0.00	0.00%	\$96,318.25	\$96,332.77	\$14.52	0.02%	
1,500	\$95,934.55	\$95,956.33	\$21.78	0.02%	\$610.78	\$610.78	\$0.00	0.00%	\$96,545.33	\$96,567.11	\$21.78	0.02%	
2,000	\$95,958.04	\$95,987.07	\$29.04	0.03%	\$814.38	\$814.38	\$0.00	0.00%	\$96,772.41	\$96,801.45	\$29.04	0.03%	
3,000	\$96,005.01	\$96,048.56	\$43.56	0.05%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$97,226.57	\$97,270.13	\$43.56	0.04%	
Average	3,479	\$96,027.51	\$96,078.02	\$50.51	0.05%	\$1,416.61	\$1,416.61	\$0.00	0.00%	\$97,444.11	\$97,494.62	\$50.51	0.05%
3,500	\$96,028.49	\$96,079.31	\$50.82	0.05%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$97,453.65	\$97,504.47	\$50.82	0.05%	
4,000	\$96,051.98	\$96,110.06	\$58.07	0.06%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$97,680.73	\$97,738.81	\$58.07	0.06%	
4,500	\$96,075.47	\$96,140.80	\$65.33	0.07%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$97,907.81	\$97,973.15	\$65.33	0.07%	
5,000	\$96,098.95	\$96,171.55	\$72.59	0.08%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$98,134.89	\$98,207.48	\$72.59	0.07%	
5,500	\$96,122.44	\$96,202.29	\$79.85	0.08%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$98,361.97	\$98,441.82	\$79.85	0.08%	
6,000	\$96,145.93	\$96,233.04	\$87.11	0.09%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$98,589.05	\$98,676.16	\$87.11	0.09%	
6,500	\$96,169.41	\$96,263.78	\$94.37	0.10%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$98,816.13	\$98,910.50	\$94.37	0.10%	
7,000	\$96,192.90	\$96,294.53	\$101.63	0.11%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$99,043.21	\$99,144.84	\$101.63	0.10%	
7,500	\$96,216.38	\$96,325.27	\$108.89	0.11%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$99,270.29	\$99,379.18	\$108.89	0.11%	
8,000	\$96,239.87	\$96,356.02	\$116.15	0.12%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$99,497.37	\$99,613.52	\$116.15	0.12%	
8,500	\$96,263.36	\$96,386.76	\$123.41	0.13%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$99,724.45	\$99,847.86	\$123.41	0.12%	
9,000	\$96,286.84	\$96,417.51	\$130.67	0.14%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$99,951.53	\$100,082.20	\$130.67	0.13%	
9,500	\$96,310.33	\$96,448.25	\$137.93	0.14%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$100,178.61	\$100,316.54	\$137.93	0.14%	
10,000	\$96,333.82	\$96,479.00	\$145.18	0.15%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$100,405.69	\$100,550.88	\$145.18	0.14%	
10,500	\$96,357.30	\$96,509.74	\$152.44	0.16%	\$4,275.47	\$4,275.47	\$0.00	0.00%	\$100,632.77	\$100,785.22	\$152.44	0.15%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$949.35				\$949.35			\$0.00	0.00%	
Over 10 therms				\$0.037600				\$0.037500			(\$0.000)	-0.27%	
Monthly Demand Charge*				\$6,252.00				\$6,252.00			\$0.000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000274			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.008817				\$0.022990			\$0.014	160.75%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 3 - equal to or greater than 5 MW but less than 50 MW (November - March)
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$95,864.47	\$95,864.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$95,864.47	\$95,864.47	\$0.00	0.00%	
10	\$95,864.56	\$95,864.71	\$0.15	0.00%	\$4.07	\$4.07	\$0.00	0.00%	\$95,868.63	\$95,868.78	\$0.15	0.00%	
50	\$95,866.99	\$95,867.72	\$0.72	0.00%	\$20.36	\$20.36	\$0.00	0.00%	\$95,887.35	\$95,888.08	\$0.72	0.00%	
100	\$95,870.04	\$95,871.48	\$1.44	0.00%	\$40.72	\$40.72	\$0.00	0.00%	\$95,910.75	\$95,912.20	\$1.44	0.00%	
200	\$95,876.12	\$95,879.01	\$2.89	0.00%	\$81.44	\$81.44	\$0.00	0.00%	\$95,957.56	\$95,960.44	\$2.89	0.00%	
300	\$95,882.20	\$95,886.53	\$4.33	0.00%	\$122.16	\$122.16	\$0.00	0.00%	\$96,004.36	\$96,008.69	\$4.33	0.00%	
400	\$95,888.29	\$95,894.06	\$5.77	0.01%	\$162.88	\$162.88	\$0.00	0.00%	\$96,051.16	\$96,056.93	\$5.77	0.01%	
500	\$95,894.37	\$95,901.58	\$7.21	0.01%	\$203.59	\$203.59	\$0.00	0.00%	\$96,097.96	\$96,105.18	\$7.21	0.01%	
1,000	\$95,924.79	\$95,939.21	\$14.42	0.02%	\$407.19	\$407.19	\$0.00	0.00%	\$96,331.98	\$96,346.40	\$14.42	0.01%	
1,500	\$95,955.21	\$95,976.83	\$21.63	0.02%	\$610.78	\$610.78	\$0.00	0.00%	\$96,565.99	\$96,587.62	\$21.63	0.02%	
2,000	\$95,985.63	\$96,014.46	\$28.84	0.03%	\$814.38	\$814.38	\$0.00	0.00%	\$96,800.00	\$96,828.84	\$28.84	0.03%	
3,000	\$96,046.46	\$96,089.71	\$43.25	0.05%	\$1,221.56	\$1,221.56	\$0.00	0.00%	\$97,268.02	\$97,311.28	\$43.25	0.04%	
Average	3,479	\$96,075.60	\$96,125.76	\$50.16	0.05%	\$1,416.61	\$1,416.61	\$0.00	0.00%	\$97,492.21	\$97,542.37	\$50.16	0.05%
3,500	\$96,076.88	\$96,127.34	\$50.46	0.05%	\$1,425.16	\$1,425.16	\$0.00	0.00%	\$97,502.04	\$97,552.50	\$50.46	0.05%	
4,000	\$96,107.30	\$96,164.97	\$57.67	0.06%	\$1,628.75	\$1,628.75	\$0.00	0.00%	\$97,736.05	\$97,793.72	\$57.67	0.06%	
4,500	\$96,137.72	\$96,202.60	\$64.88	0.07%	\$1,832.34	\$1,832.34	\$0.00	0.00%	\$97,970.06	\$98,034.94	\$64.88	0.07%	
5,000	\$96,168.13	\$96,240.22	\$72.09	0.07%	\$2,035.94	\$2,035.94	\$0.00	0.00%	\$98,204.07	\$98,276.16	\$72.09	0.07%	
5,500	\$96,198.55	\$96,277.85	\$79.30	0.08%	\$2,239.53	\$2,239.53	\$0.00	0.00%	\$98,438.09	\$98,517.38	\$79.30	0.08%	
6,000	\$96,228.97	\$96,315.48	\$86.50	0.09%	\$2,443.13	\$2,443.13	\$0.00	0.00%	\$98,672.10	\$98,758.60	\$86.50	0.09%	
6,500	\$96,259.39	\$96,353.10	\$93.71	0.10%	\$2,646.72	\$2,646.72	\$0.00	0.00%	\$98,906.11	\$98,999.82	\$93.71	0.09%	
7,000	\$96,289.81	\$96,390.73	\$100.92	0.10%	\$2,850.31	\$2,850.31	\$0.00	0.00%	\$99,140.12	\$99,241.04	\$100.92	0.10%	
7,500	\$96,320.23	\$96,428.36	\$108.13	0.11%	\$3,053.91	\$3,053.91	\$0.00	0.00%	\$99,374.13	\$99,482.26	\$108.13	0.11%	
8,000	\$96,350.64	\$96,465.98	\$115.34	0.12%	\$3,257.50	\$3,257.50	\$0.00	0.00%	\$99,608.15	\$99,723.48	\$115.34	0.12%	
8,500	\$96,381.06	\$96,503.61	\$122.55	0.13%	\$3,461.10	\$3,461.10	\$0.00	0.00%	\$99,842.16	\$99,964.71	\$122.55	0.12%	
9,000	\$96,411.48	\$96,541.24	\$129.76	0.13%	\$3,664.69	\$3,664.69	\$0.00	0.00%	\$100,076.17	\$100,205.93	\$129.76	0.13%	
9,500	\$96,441.90	\$96,578.86	\$136.96	0.14%	\$3,868.28	\$3,868.28	\$0.00	0.00%	\$100,310.18	\$100,447.15	\$136.96	0.14%	
10,000	\$96,472.32	\$96,616.49	\$144.17	0.15%	\$4,071.88	\$4,071.88	\$0.00	0.00%	\$100,544.19	\$100,688.37	\$144.17	0.14%	
10,500	\$96,502.73	\$96,654.12	\$151.38	0.16%	\$4,275.47	\$4,275.47	\$0.00	0.00%	\$100,778.21	\$100,929.59	\$151.38	0.15%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$949.35				\$949.35			\$0.00	0.00%	
Over 10 therms				\$0.051300				\$0.051100			(\$0.000)	-0.39%	
Monthly Demand Charge*				\$6,252.00				\$6,252.00			\$0.00	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000000				\$0.000274			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.008817				\$0.022990			\$0.014	160.75%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.394640				\$0.394640			\$0.000	0.00%	
Merchant Function Charge				\$0.007732				\$0.007732			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
Non-Firm Demand Response: Tier 1
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$380.82	\$380.82	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$380.82	\$380.82	\$0.00	0.00%	
10	\$380.87	\$381.00	\$0.13	0.03%	\$2.27	\$2.27	\$0.00	0.00%	\$383.14	\$383.27	\$0.13	0.03%	
50	\$384.14	\$388.23	\$4.09	1.06%	\$11.34	\$11.34	\$0.00	0.00%	\$395.48	\$399.56	\$4.09	1.03%	
100	\$388.23	\$397.26	\$9.03	2.33%	\$22.68	\$22.68	\$0.00	0.00%	\$410.90	\$419.94	\$9.03	2.20%	
500	\$420.91	\$469.54	\$48.63	11.55%	\$113.38	\$113.38	\$0.00	0.00%	\$534.29	\$582.92	\$48.63	9.10%	
1,000	\$461.77	\$559.90	\$98.13	21.25%	\$226.75	\$226.75	\$0.00	0.00%	\$688.52	\$786.65	\$98.13	14.25%	
1,500	\$502.63	\$650.25	\$147.62	29.37%	\$340.13	\$340.13	\$0.00	0.00%	\$842.76	\$990.38	\$147.62	17.52%	
2,000	\$543.49	\$740.61	\$197.12	36.27%	\$453.50	\$453.50	\$0.00	0.00%	\$996.99	\$1,194.11	\$197.12	19.77%	
2,500	\$584.35	\$830.96	\$246.61	42.20%	\$566.88	\$566.88	\$0.00	0.00%	\$1,151.23	\$1,397.84	\$246.61	21.42%	
3,000	\$625.21	\$921.32	\$296.11	47.36%	\$680.26	\$680.26	\$0.00	0.00%	\$1,305.46	\$1,601.57	\$296.11	22.68%	
4,000	\$706.93	\$1,102.02	\$395.10	55.89%	\$907.01	\$907.01	\$0.00	0.00%	\$1,613.93	\$2,009.03	\$395.10	24.48%	
4,500	\$747.79	\$1,192.38	\$444.59	59.45%	\$1,020.38	\$1,020.38	\$0.00	0.00%	\$1,768.17	\$2,212.76	\$444.59	25.14%	
Average	4,875	\$778.42	\$1,260.12	\$481.70	61.88%	\$1,105.38	\$1,105.38	\$0.00	0.00%	\$1,883.80	\$2,365.50	\$481.70	25.57%
5,000	\$788.64	\$1,282.73	\$494.09	62.65%	\$1,133.76	\$1,133.76	\$0.00	0.00%	\$1,922.40	\$2,416.49	\$494.09	25.70%	
5,500	\$829.50	\$1,373.09	\$543.58	65.53%	\$1,247.14	\$1,247.14	\$0.00	0.00%	\$2,076.64	\$2,620.22	\$543.58	26.18%	
6,000	\$870.36	\$1,463.44	\$593.08	68.14%	\$1,360.51	\$1,360.51	\$0.00	0.00%	\$2,230.87	\$2,823.95	\$593.08	26.59%	
6,500	\$911.22	\$1,553.80	\$642.57	70.52%	\$1,473.89	\$1,473.89	\$0.00	0.00%	\$2,385.11	\$3,027.68	\$642.57	26.94%	
7,000	\$952.08	\$1,644.15	\$692.07	72.69%	\$1,587.26	\$1,587.26	\$0.00	0.00%	\$2,539.34	\$3,231.41	\$692.07	27.25%	
7,500	\$992.94	\$1,734.50	\$741.57	74.68%	\$1,700.64	\$1,700.64	\$0.00	0.00%	\$2,693.58	\$3,435.14	\$741.57	27.53%	
8,000	\$1,033.80	\$1,824.86	\$791.06	76.52%	\$1,814.02	\$1,814.02	\$0.00	0.00%	\$2,847.81	\$3,638.87	\$791.06	27.78%	
8,500	\$1,074.66	\$1,915.21	\$840.56	78.22%	\$1,927.39	\$1,927.39	\$0.00	0.00%	\$3,002.05	\$3,842.60	\$840.56	28.00%	
9,000	\$1,115.52	\$2,005.57	\$890.05	79.79%	\$2,040.77	\$2,040.77	\$0.00	0.00%	\$3,156.28	\$4,046.33	\$890.05	28.20%	
9,500	\$1,156.37	\$2,095.92	\$939.55	81.25%	\$2,154.14	\$2,154.14	\$0.00	0.00%	\$3,310.52	\$4,250.07	\$939.55	28.38%	
10,000	\$1,197.23	\$2,186.28	\$989.04	82.61%	\$2,267.52	\$2,267.52	\$0.00	0.00%	\$3,464.75	\$4,453.80	\$989.04	28.55%	
10,500	\$1,238.09	\$2,276.63	\$1,038.54	83.88%	\$2,380.90	\$2,380.90	\$0.00	0.00%	\$3,618.99	\$4,657.53	\$1,038.54	28.70%	
11,000	\$1,278.95	\$2,366.98	\$1,088.03	85.07%	\$2,494.27	\$2,494.27	\$0.00	0.00%	\$3,773.22	\$4,861.26	\$1,088.03	28.84%	
11,500	\$1,319.81	\$2,457.34	\$1,137.53	86.19%	\$2,607.65	\$2,607.65	\$0.00	0.00%	\$3,927.46	\$5,064.99	\$1,137.53	28.96%	
12,000	\$1,360.67	\$2,547.69	\$1,187.02	87.24%	\$2,721.02	\$2,721.02	\$0.00	0.00%	\$4,081.69	\$5,268.72	\$1,187.02	29.08%	
12,500	\$1,401.53	\$2,638.05	\$1,236.52	88.23%	\$2,834.40	\$2,834.40	\$0.00	0.00%	\$4,235.93	\$5,472.45	\$1,236.52	29.19%	
13,000	\$1,442.39	\$2,728.40	\$1,286.01	89.16%	\$2,947.78	\$2,947.78	\$0.00	0.00%	\$4,390.16	\$5,676.18	\$1,286.01	29.29%	
13,500	\$1,483.25	\$2,818.76	\$1,335.51	90.04%	\$3,061.15	\$3,061.15	\$0.00	0.00%	\$4,544.40	\$5,879.91	\$1,335.51	29.39%	
14,000	\$1,524.11	\$2,909.11	\$1,385.00	90.87%	\$3,174.53	\$3,174.53	\$0.00	0.00%	\$4,698.63	\$6,083.64	\$1,385.00	29.48%	
14,500	\$1,564.96	\$2,999.46	\$1,434.50	91.66%	\$3,287.90	\$3,287.90	\$0.00	0.00%	\$4,852.87	\$6,287.37	\$1,434.50	29.56%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 therms				\$0.076000				\$0.161400			\$0.085	112.37%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.004751				\$0.017171			\$0.012	261.39%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.220295				\$0.220295			\$0.000	0.00%	
Merchant Function Charge				\$0.003776				\$0.003776			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
Non-Firm Demand Response: Tier 2
Rate Year Two (FY 22) vs. Rate Year Three (FY 23)

	Delivery				Commodity				Total				
	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	FY 22	FY 23	Difference	Change	
Therm Usage													
0	\$380.82	\$380.82	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$380.82	\$380.82	\$0.00	0.00%	
10	\$380.87	\$381.00	\$0.13	0.03%	\$2.23	\$2.23	\$0.00	0.00%	\$383.10	\$383.23	\$0.13	0.03%	
50	\$383.53	\$386.91	\$3.39	0.88%	\$11.14	\$11.14	\$0.00	0.00%	\$394.67	\$398.05	\$3.39	0.86%	
100	\$386.84	\$394.31	\$7.47	1.93%	\$22.28	\$22.28	\$0.00	0.00%	\$409.12	\$416.59	\$7.47	1.83%	
1,000	\$446.54	\$527.44	\$80.89	18.12%	\$222.81	\$222.81	\$0.00	0.00%	\$669.35	\$750.24	\$80.89	12.09%	
2,000	\$512.88	\$675.36	\$162.48	31.68%	\$445.61	\$445.61	\$0.00	0.00%	\$958.49	\$1,120.97	\$162.48	16.95%	
3,000	\$579.22	\$823.28	\$244.06	42.14%	\$668.42	\$668.42	\$0.00	0.00%	\$1,247.63	\$1,491.70	\$244.06	19.56%	
4,000	\$645.55	\$971.20	\$325.65	50.44%	\$891.22	\$891.22	\$0.00	0.00%	\$1,536.77	\$1,862.42	\$325.65	21.19%	
5,000	\$711.89	\$1,119.12	\$407.23	57.20%	\$1,114.03	\$1,114.03	\$0.00	0.00%	\$1,825.92	\$2,233.15	\$407.23	22.30%	
6,000	\$778.22	\$1,267.04	\$488.82	62.81%	\$1,336.83	\$1,336.83	\$0.00	0.00%	\$2,115.06	\$2,603.88	\$488.82	23.11%	
7,000	\$844.56	\$1,414.96	\$570.40	67.54%	\$1,559.64	\$1,559.64	\$0.00	0.00%	\$2,404.20	\$2,974.60	\$570.40	23.73%	
8,000	\$910.90	\$1,562.88	\$651.99	71.58%	\$1,782.44	\$1,782.44	\$0.00	0.00%	\$2,693.34	\$3,345.33	\$651.99	24.21%	
Average	9,967	\$1,041.35	\$1,853.78	\$812.43	78.02%	\$2,220.61	\$2,220.61	\$0.00	0.00%	\$3,261.96	\$4,074.39	\$812.43	24.91%
10,000	\$1,043.57	\$1,858.73	\$815.16	78.11%	\$2,228.05	\$2,228.05	\$0.00	0.00%	\$3,271.62	\$4,086.78	\$815.16	24.92%	
10,500	\$1,076.74	\$1,932.69	\$855.95	79.49%	\$2,339.46	\$2,339.46	\$0.00	0.00%	\$3,416.19	\$4,272.14	\$855.95	25.06%	
11,000	\$1,109.90	\$2,006.65	\$896.74	80.79%	\$2,450.86	\$2,450.86	\$0.00	0.00%	\$3,560.76	\$4,457.51	\$896.74	25.18%	
11,500	\$1,143.07	\$2,080.61	\$937.53	82.02%	\$2,562.26	\$2,562.26	\$0.00	0.00%	\$3,705.34	\$4,642.87	\$937.53	25.30%	
12,000	\$1,176.24	\$2,154.57	\$978.33	83.17%	\$2,673.67	\$2,673.67	\$0.00	0.00%	\$3,849.91	\$4,828.23	\$978.33	25.41%	
12,500	\$1,209.41	\$2,228.53	\$1,019.12	84.27%	\$2,785.07	\$2,785.07	\$0.00	0.00%	\$3,994.48	\$5,013.60	\$1,019.12	25.51%	
13,000	\$1,242.58	\$2,302.49	\$1,059.91	85.30%	\$2,896.47	\$2,896.47	\$0.00	0.00%	\$4,139.05	\$5,198.96	\$1,059.91	25.61%	
13,500	\$1,275.74	\$2,376.45	\$1,100.70	86.28%	\$3,007.87	\$3,007.87	\$0.00	0.00%	\$4,283.62	\$5,384.32	\$1,100.70	25.70%	
14,000	\$1,308.91	\$2,450.41	\$1,141.50	87.21%	\$3,119.28	\$3,119.28	\$0.00	0.00%	\$4,428.19	\$5,569.69	\$1,141.50	25.78%	
14,500	\$1,342.08	\$2,524.37	\$1,182.29	88.09%	\$3,230.68	\$3,230.68	\$0.00	0.00%	\$4,572.76	\$5,755.05	\$1,182.29	25.86%	
15,000	\$1,375.25	\$2,598.33	\$1,223.08	88.94%	\$3,342.08	\$3,342.08	\$0.00	0.00%	\$4,717.33	\$5,940.41	\$1,223.08	25.93%	
15,500	\$1,408.42	\$2,672.29	\$1,263.87	89.74%	\$3,453.48	\$3,453.48	\$0.00	0.00%	\$4,861.90	\$6,125.77	\$1,263.87	26.00%	
16,000	\$1,441.58	\$2,746.25	\$1,304.67	90.50%	\$3,564.89	\$3,564.89	\$0.00	0.00%	\$5,006.47	\$6,311.14	\$1,304.67	26.06%	
16,500	\$1,474.75	\$2,820.21	\$1,345.46	91.23%	\$3,676.29	\$3,676.29	\$0.00	0.00%	\$5,151.04	\$6,496.50	\$1,345.46	26.12%	
17,000	\$1,507.92	\$2,894.17	\$1,386.25	91.93%	\$3,787.69	\$3,787.69	\$0.00	0.00%	\$5,295.61	\$6,681.86	\$1,386.25	26.18%	
17,500	\$1,541.09	\$2,968.13	\$1,427.04	92.60%	\$3,899.10	\$3,899.10	\$0.00	0.00%	\$5,440.18	\$6,867.23	\$1,427.04	26.23%	
18,000	\$1,574.26	\$3,042.09	\$1,467.84	93.24%	\$4,010.50	\$4,010.50	\$0.00	0.00%	\$5,584.75	\$7,052.59	\$1,467.84	26.28%	
18,500	\$1,607.42	\$3,116.05	\$1,508.63	93.85%	\$4,121.90	\$4,121.90	\$0.00	0.00%	\$5,729.33	\$7,237.95	\$1,508.63	26.33%	
19,000	\$1,640.59	\$3,190.01	\$1,549.42	94.44%	\$4,233.30	\$4,233.30	\$0.00	0.00%	\$5,873.90	\$7,423.32	\$1,549.42	26.38%	
19,500	\$1,673.76	\$3,263.97	\$1,590.21	95.01%	\$4,344.71	\$4,344.71	\$0.00	0.00%	\$6,018.47	\$7,608.68	\$1,590.21	26.42%	
FY 22					FY 23						Difference	Change	
First 10 therms				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 therms				\$0.060800				\$0.129000			\$0.068	112.17%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.004751				\$0.017171			\$0.012	261.39%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.216395				\$0.216395			\$0.000	0.00%	
Merchant Function Charge				\$0.003776				\$0.003776			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1A - Residential Non Heat
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
0	\$21.76	\$21.76	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$21.76	\$21.76	\$0.00	0.00%	
1	\$21.80	\$22.01	\$0.21	0.98%	\$0.39	\$0.39	\$0.00	0.00%	\$22.19	\$22.40	\$0.21	0.97%	
2	\$21.83	\$22.26	\$0.43	1.96%	\$0.78	\$0.78	\$0.00	0.00%	\$22.61	\$23.04	\$0.43	1.90%	
3	\$21.86	\$22.51	\$0.64	2.94%	\$1.18	\$1.18	\$0.00	0.00%	\$23.04	\$23.68	\$0.64	2.79%	
6	\$26.98	\$28.33	\$1.34	4.98%	\$2.35	\$2.35	\$0.00	0.00%	\$29.34	\$30.68	\$1.34	4.58%	
8	\$30.40	\$32.21	\$1.81	5.96%	\$3.14	\$3.14	\$0.00	0.00%	\$33.54	\$35.35	\$1.81	5.40%	
10	\$33.81	\$36.09	\$2.28	6.74%	\$3.92	\$3.92	\$0.00	0.00%	\$37.74	\$40.01	\$2.28	6.04%	
15	\$42.35	\$45.79	\$3.45	8.14%	\$5.89	\$5.89	\$0.00	0.00%	\$48.23	\$51.68	\$3.45	7.14%	
Average	16	\$44.05	\$47.73	\$3.68	8.35%	\$6.28	\$6.28	\$0.00	0.00%	\$50.33	\$54.01	\$3.68	7.31%
20	\$50.88	\$55.49	\$4.61	9.07%	\$7.85	\$7.85	\$0.00	0.00%	\$58.73	\$63.34	\$4.61	7.85%	
25	\$59.42	\$65.20	\$5.78	9.73%	\$9.81	\$9.81	\$0.00	0.00%	\$69.23	\$75.01	\$5.78	8.35%	
30	\$67.95	\$74.90	\$6.95	10.23%	\$11.77	\$11.77	\$0.00	0.00%	\$79.72	\$86.67	\$6.95	8.72%	
35	\$76.49	\$84.60	\$8.12	10.61%	\$13.73	\$13.73	\$0.00	0.00%	\$90.22	\$98.34	\$8.12	9.00%	
40	\$85.02	\$94.30	\$9.28	10.92%	\$15.70	\$15.70	\$0.00	0.00%	\$100.72	\$110.00	\$9.28	9.22%	
45	\$93.55	\$104.01	\$10.45	11.17%	\$17.66	\$17.66	\$0.00	0.00%	\$111.21	\$121.66	\$10.45	9.40%	
50	\$102.09	\$113.71	\$11.62	11.38%	\$19.62	\$19.62	\$0.00	0.00%	\$121.71	\$133.33	\$11.62	9.55%	
55	\$104.30	\$117.01	\$12.71	12.19%	\$21.58	\$21.58	\$0.00	0.00%	\$125.88	\$138.60	\$12.71	10.10%	
60	\$106.51	\$120.32	\$13.81	12.96%	\$23.55	\$23.55	\$0.00	0.00%	\$130.06	\$143.86	\$13.81	10.62%	
65	\$108.72	\$123.63	\$14.90	13.71%	\$25.51	\$25.51	\$0.00	0.00%	\$134.23	\$149.13	\$14.90	11.10%	
70	\$110.93	\$126.93	\$16.00	14.42%	\$27.47	\$27.47	\$0.00	0.00%	\$138.40	\$154.40	\$16.00	11.56%	
75	\$113.14	\$130.24	\$17.09	15.11%	\$29.43	\$29.43	\$0.00	0.00%	\$142.58	\$159.67	\$17.09	11.99%	
80	\$115.35	\$133.54	\$18.19	15.77%	\$31.39	\$31.39	\$0.00	0.00%	\$146.75	\$164.94	\$18.19	12.39%	
85	\$117.57	\$136.85	\$19.28	16.40%	\$33.36	\$33.36	\$0.00	0.00%	\$150.92	\$170.20	\$19.28	12.78%	
90	\$119.78	\$140.15	\$20.38	17.01%	\$35.32	\$35.32	\$0.00	0.00%	\$155.10	\$175.47	\$20.38	13.14%	
95	\$121.99	\$143.46	\$21.47	17.60%	\$37.28	\$37.28	\$0.00	0.00%	\$159.27	\$180.74	\$21.47	13.48%	
100	\$124.20	\$146.77	\$22.57	18.17%	\$39.24	\$39.24	\$0.00	0.00%	\$163.44	\$186.01	\$22.57	13.81%	
125	\$135.25	\$163.30	\$28.04	20.73%	\$49.05	\$49.05	\$0.00	0.00%	\$184.31	\$212.35	\$28.04	15.21%	
150	\$146.31	\$179.82	\$33.52	22.91%	\$58.86	\$58.86	\$0.00	0.00%	\$205.17	\$238.69	\$33.52	16.34%	
175	\$157.36	\$196.35	\$38.99	24.78%	\$68.67	\$68.67	\$0.00	0.00%	\$226.04	\$265.03	\$38.99	17.25%	
200	\$168.42	\$212.88	\$44.46	26.40%	\$78.49	\$78.49	\$0.00	0.00%	\$246.90	\$291.37	\$44.46	18.01%	
225	\$179.47	\$229.41	\$49.94	27.82%	\$88.30	\$88.30	\$0.00	0.00%	\$267.77	\$317.71	\$49.94	18.65%	
250	\$190.53	\$245.94	\$55.41	29.08%	\$98.11	\$98.11	\$0.00	0.00%	\$288.64	\$344.05	\$55.41	19.20%	
275	\$201.58	\$262.47	\$60.89	30.20%	\$107.92	\$107.92	\$0.00	0.00%	\$309.50	\$370.39	\$60.89	19.67%	
300	\$212.64	\$279.00	\$66.36	31.21%	\$117.73	\$117.73	\$0.00	0.00%	\$330.37	\$396.73	\$66.36	20.09%	
350	\$234.75	\$312.06	\$77.31	32.93%	\$137.35	\$137.35	\$0.00	0.00%	\$372.10	\$449.41	\$77.31	20.78%	
400	\$256.86	\$345.12	\$88.26	34.36%	\$156.97	\$156.97	\$0.00	0.00%	\$413.83	\$502.09	\$88.26	21.33%	
450	\$278.97	\$378.17	\$99.20	35.56%	\$176.59	\$176.59	\$0.00	0.00%	\$455.56	\$554.77	\$99.20	21.78%	
500	\$301.08	\$411.23	\$110.15	36.59%	\$196.21	\$196.21	\$0.00	0.00%	\$497.29	\$607.45	\$110.15	22.15%	
600	\$345.30	\$477.35	\$132.05	38.24%	\$235.46	\$235.46	\$0.00	0.00%	\$580.76	\$712.81	\$132.05	22.74%	
700	\$389.52	\$543.47	\$153.95	39.52%	\$274.70	\$274.70	\$0.00	0.00%	\$664.22	\$818.17	\$153.95	23.18%	
850	\$455.85	\$642.64	\$186.79	40.98%	\$333.56	\$333.56	\$0.00	0.00%	\$789.41	\$976.21	\$186.79	23.66%	
1,000	\$522.18	\$741.82	\$219.64	42.06%	\$392.43	\$392.43	\$0.00	0.00%	\$914.61	\$1,134.25	\$219.64	24.01%	
1,250	\$632.73	\$907.11	\$274.38	43.36%	\$490.54	\$490.54	\$0.00	0.00%	\$1,123.27	\$1,397.64	\$274.38	24.43%	
1,500	\$743.28	\$1,072.40	\$329.12	44.28%	\$588.64	\$588.64	\$0.00	0.00%	\$1,331.92	\$1,661.04	\$329.12	24.71%	
1,750	\$853.83	\$1,237.69	\$383.86	44.96%	\$686.75	\$686.75	\$0.00	0.00%	\$1,540.58	\$1,924.44	\$383.86	24.92%	
2,000	\$964.38	\$1,402.98	\$438.60	45.48%	\$784.86	\$784.86	\$0.00	0.00%	\$1,749.24	\$2,187.84	\$438.60	25.07%	
3,000	\$1,406.59	\$2,064.15	\$657.57	46.75%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,583.87	\$3,241.44	\$657.57	25.45%	
5,000	\$2,290.99	\$3,386.49	\$1,095.50	47.82%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$4,253.13	\$5,348.63	\$1,095.50	25.76%	
FY 23					Stayout Period						Difference	Change	
First 3 or Less				\$19.75				\$19.75			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.619700				\$1.638300			\$0.019	1.15%	
Over 50 Therms per Therm				\$0.395200				\$0.399700			\$0.005	1.14%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000615				\$0.000733			\$0.000	19.26%	
Demand Capacity Surcharge Mechanism				\$0.032329				\$0.053580			\$0.021	65.73%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.186134			\$0.186	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1AR - Non Heat Reduced Rate (Tier 1)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$18.66	\$18.66	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$18.66	\$18.66	\$0.00	0.00%	
1	\$18.70	\$18.91	\$0.21	1.15%	\$0.39	\$0.39	\$0.00	0.00%	\$19.09	\$19.30	\$0.21	1.12%	
2	\$18.73	\$19.16	\$0.43	2.29%	\$0.78	\$0.78	\$0.00	0.00%	\$19.52	\$19.94	\$0.43	2.20%	
3	\$18.77	\$19.41	\$0.64	3.43%	\$1.18	\$1.18	\$0.00	0.00%	\$19.94	\$20.59	\$0.64	3.22%	
6	\$23.89	\$25.23	\$1.34	5.62%	\$2.35	\$2.35	\$0.00	0.00%	\$26.24	\$27.58	\$1.34	5.12%	
8	\$27.30	\$29.11	\$1.81	6.63%	\$3.14	\$3.14	\$0.00	0.00%	\$30.44	\$32.25	\$1.81	5.95%	
10	\$30.71	\$32.99	\$2.28	7.42%	\$3.92	\$3.92	\$0.00	0.00%	\$34.64	\$36.92	\$2.28	6.58%	
Average	11	\$32.42	\$34.93	\$2.51	7.75%	\$4.32	\$4.32	\$0.00	0.00%	\$36.74	\$39.25	\$2.51	6.84%
15	\$39.25	\$42.69	\$3.45	8.78%	\$5.89	\$5.89	\$0.00	0.00%	\$45.13	\$48.58	\$3.45	7.63%	
20	\$47.78	\$52.40	\$4.61	9.65%	\$7.85	\$7.85	\$0.00	0.00%	\$55.63	\$60.24	\$4.61	8.29%	
25	\$56.32	\$62.10	\$5.78	10.26%	\$9.81	\$9.81	\$0.00	0.00%	\$66.13	\$71.91	\$5.78	8.74%	
30	\$64.85	\$71.80	\$6.95	10.71%	\$11.77	\$11.77	\$0.00	0.00%	\$76.62	\$83.57	\$6.95	9.07%	
35	\$73.39	\$81.50	\$8.12	11.06%	\$13.73	\$13.73	\$0.00	0.00%	\$87.12	\$95.24	\$8.12	9.32%	
40	\$81.92	\$91.20	\$9.28	11.33%	\$15.70	\$15.70	\$0.00	0.00%	\$97.62	\$106.90	\$9.28	9.51%	
45	\$90.46	\$100.91	\$10.45	11.55%	\$17.66	\$17.66	\$0.00	0.00%	\$108.12	\$118.57	\$10.45	9.67%	
50	\$98.99	\$110.61	\$11.62	11.74%	\$19.62	\$19.62	\$0.00	0.00%	\$118.61	\$130.23	\$11.62	9.80%	
55	\$101.20	\$113.91	\$12.71	12.56%	\$21.58	\$21.58	\$0.00	0.00%	\$122.78	\$135.50	\$12.71	10.35%	
60	\$103.41	\$117.22	\$13.81	13.35%	\$23.55	\$23.55	\$0.00	0.00%	\$126.96	\$140.77	\$13.81	10.88%	
65	\$105.62	\$120.53	\$14.90	14.11%	\$25.51	\$25.51	\$0.00	0.00%	\$131.13	\$146.03	\$14.90	11.37%	
70	\$107.83	\$123.83	\$16.00	14.84%	\$27.47	\$27.47	\$0.00	0.00%	\$135.30	\$151.30	\$16.00	11.82%	
75	\$110.05	\$127.14	\$17.09	15.53%	\$29.43	\$29.43	\$0.00	0.00%	\$139.48	\$156.57	\$17.09	12.25%	
80	\$112.26	\$130.44	\$18.19	16.20%	\$31.39	\$31.39	\$0.00	0.00%	\$143.65	\$161.84	\$18.19	12.66%	
85	\$114.47	\$133.75	\$19.28	16.85%	\$33.36	\$33.36	\$0.00	0.00%	\$147.82	\$167.11	\$19.28	13.04%	
90	\$116.68	\$137.06	\$20.38	17.46%	\$35.32	\$35.32	\$0.00	0.00%	\$152.00	\$172.37	\$20.38	13.41%	
95	\$118.89	\$140.36	\$21.47	18.06%	\$37.28	\$37.28	\$0.00	0.00%	\$156.17	\$177.64	\$21.47	13.75%	
100	\$121.10	\$143.67	\$22.57	18.63%	\$39.24	\$39.24	\$0.00	0.00%	\$160.34	\$182.91	\$22.57	14.07%	
125	\$132.16	\$160.20	\$28.04	21.22%	\$49.05	\$49.05	\$0.00	0.00%	\$181.21	\$209.25	\$28.04	15.47%	
150	\$143.21	\$176.73	\$33.52	23.40%	\$58.86	\$58.86	\$0.00	0.00%	\$202.07	\$235.59	\$33.52	16.59%	
175	\$154.27	\$193.26	\$38.99	25.27%	\$68.67	\$68.67	\$0.00	0.00%	\$222.94	\$261.93	\$38.99	17.49%	
200	\$165.32	\$209.78	\$44.46	26.90%	\$78.49	\$78.49	\$0.00	0.00%	\$243.81	\$288.27	\$44.46	18.24%	
225	\$176.38	\$226.31	\$49.94	28.31%	\$88.30	\$88.30	\$0.00	0.00%	\$264.67	\$314.61	\$49.94	18.87%	
250	\$187.43	\$242.84	\$55.41	29.56%	\$98.11	\$98.11	\$0.00	0.00%	\$285.54	\$340.95	\$55.41	19.41%	
275	\$198.49	\$259.37	\$60.89	30.68%	\$107.92	\$107.92	\$0.00	0.00%	\$306.40	\$367.29	\$60.89	19.87%	
300	\$209.54	\$275.90	\$66.36	31.67%	\$117.73	\$117.73	\$0.00	0.00%	\$327.27	\$393.63	\$66.36	20.28%	
350	\$231.65	\$308.96	\$77.31	33.37%	\$137.35	\$137.35	\$0.00	0.00%	\$369.00	\$446.31	\$77.31	20.95%	
FY 23					Stayout Period						Difference	Change	
First 3 or Less				\$16.75				\$16.75			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.619700				\$1.638300			\$0.019	1.15%	
Over 50 Therms per Therm				\$0.395200				\$0.399700			\$0.005	1.14%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000615				\$0.000733			\$0.000	19.26%	
Demand Capacity Surcharge Mechanism				\$0.032329				\$0.053580			\$0.021	65.73%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.186134			\$0.186	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.

In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are five Energy Affordability Credit tiers.

The Heating customers Tiers : Tier 1: \$23.00, Tier 2: \$45.00, Tier 3: \$66.00, Tier 4: \$52.00, Tier 5: \$23.00

The Non-Heating customers Tiers : Tier 1-Tier 5: \$3.00

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1B - Residential Heat
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
0	\$23.73	\$23.73	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$23.73	\$23.73	\$0.00	0.00%	
1	\$23.77	\$23.83	\$0.06	0.26%	\$0.39	\$0.39	\$0.00	0.00%	\$24.16	\$24.23	\$0.06	0.26%	
2	\$23.81	\$23.93	\$0.12	0.52%	\$0.78	\$0.78	\$0.00	0.00%	\$24.59	\$24.72	\$0.12	0.50%	
3	\$23.84	\$24.03	\$0.19	0.78%	\$1.18	\$1.18	\$0.00	0.00%	\$25.02	\$25.21	\$0.19	0.74%	
6	\$28.13	\$28.53	\$0.40	1.42%	\$2.35	\$2.35	\$0.00	0.00%	\$30.49	\$30.89	\$0.40	1.31%	
8	\$30.99	\$31.53	\$0.54	1.75%	\$3.14	\$3.14	\$0.00	0.00%	\$34.13	\$34.67	\$0.54	1.59%	
10	\$33.85	\$34.54	\$0.68	2.02%	\$3.92	\$3.92	\$0.00	0.00%	\$37.78	\$38.46	\$0.68	1.81%	
15	\$41.00	\$42.04	\$1.04	2.54%	\$5.89	\$5.89	\$0.00	0.00%	\$46.89	\$47.93	\$1.04	2.22%	
20	\$48.15	\$49.55	\$1.40	2.90%	\$7.85	\$7.85	\$0.00	0.00%	\$56.00	\$57.40	\$1.40	2.50%	
25	\$55.30	\$57.05	\$1.75	3.17%	\$9.81	\$9.81	\$0.00	0.00%	\$65.11	\$66.86	\$1.75	2.70%	
30	\$62.45	\$64.56	\$2.11	3.38%	\$11.77	\$11.77	\$0.00	0.00%	\$74.22	\$76.33	\$2.11	2.84%	
35	\$69.59	\$72.06	\$2.47	3.55%	\$13.73	\$13.73	\$0.00	0.00%	\$83.33	\$85.80	\$2.47	2.96%	
40	\$76.74	\$79.57	\$2.82	3.68%	\$15.70	\$15.70	\$0.00	0.00%	\$92.44	\$95.26	\$2.82	3.06%	
45	\$83.89	\$87.07	\$3.18	3.79%	\$17.66	\$17.66	\$0.00	0.00%	\$101.55	\$104.73	\$3.18	3.13%	
50	\$91.04	\$94.58	\$3.54	3.89%	\$19.62	\$19.62	\$0.00	0.00%	\$110.66	\$114.20	\$3.54	3.20%	
55	\$92.86	\$96.72	\$3.86	4.15%	\$21.58	\$21.58	\$0.00	0.00%	\$114.45	\$118.30	\$3.86	3.37%	
60	\$94.69	\$98.86	\$4.18	4.41%	\$23.55	\$23.55	\$0.00	0.00%	\$118.23	\$122.41	\$4.18	3.53%	
65	\$96.51	\$101.01	\$4.50	4.66%	\$25.51	\$25.51	\$0.00	0.00%	\$122.02	\$126.51	\$4.50	3.69%	
70	\$98.33	\$103.15	\$4.82	4.90%	\$27.47	\$27.47	\$0.00	0.00%	\$125.80	\$130.62	\$4.82	3.83%	
75	\$100.15	\$105.29	\$5.14	5.13%	\$29.43	\$29.43	\$0.00	0.00%	\$129.59	\$134.72	\$5.14	3.97%	
80	\$101.98	\$107.43	\$5.46	5.35%	\$31.39	\$31.39	\$0.00	0.00%	\$133.37	\$138.83	\$5.46	4.09%	
85	\$103.80	\$109.58	\$5.78	5.57%	\$33.36	\$33.36	\$0.00	0.00%	\$137.15	\$142.93	\$5.78	4.21%	
90	\$105.62	\$111.72	\$6.10	5.77%	\$35.32	\$35.32	\$0.00	0.00%	\$140.94	\$147.04	\$6.10	4.33%	
95	\$107.44	\$113.86	\$6.42	5.97%	\$37.28	\$37.28	\$0.00	0.00%	\$144.72	\$151.14	\$6.42	4.44%	
100	\$109.27	\$116.00	\$6.74	6.17%	\$39.24	\$39.24	\$0.00	0.00%	\$148.51	\$155.25	\$6.74	4.54%	
Average	102	\$110.00	\$116.86	\$6.87	6.24%	\$40.03	\$40.03	\$0.00	0.00%	\$150.02	\$156.89	\$6.87	4.58%
125	\$118.38	\$126.72	\$8.34	7.04%	\$49.05	\$49.05	\$0.00	0.00%	\$167.43	\$175.77	\$8.34	4.98%	
150	\$127.49	\$137.43	\$9.94	7.80%	\$58.86	\$58.86	\$0.00	0.00%	\$186.36	\$196.30	\$9.94	5.33%	
175	\$136.61	\$148.15	\$11.54	8.45%	\$68.67	\$68.67	\$0.00	0.00%	\$205.28	\$216.82	\$11.54	5.62%	
200	\$145.72	\$158.86	\$13.14	9.02%	\$78.49	\$78.49	\$0.00	0.00%	\$224.20	\$237.34	\$13.14	5.86%	
225	\$154.83	\$169.57	\$14.74	9.52%	\$88.30	\$88.30	\$0.00	0.00%	\$243.13	\$257.87	\$14.74	6.06%	
250	\$163.95	\$180.29	\$16.34	9.97%	\$98.11	\$98.11	\$0.00	0.00%	\$262.05	\$278.39	\$16.34	6.24%	
275	\$173.06	\$191.00	\$17.94	10.37%	\$107.92	\$107.92	\$0.00	0.00%	\$280.98	\$298.92	\$17.94	6.38%	
300	\$182.17	\$201.71	\$19.54	10.73%	\$117.73	\$117.73	\$0.00	0.00%	\$299.90	\$319.44	\$19.54	6.52%	
350	\$200.40	\$223.14	\$22.74	11.35%	\$137.35	\$137.35	\$0.00	0.00%	\$337.75	\$360.49	\$22.74	6.73%	
400	\$218.63	\$244.57	\$25.94	11.87%	\$156.97	\$156.97	\$0.00	0.00%	\$375.60	\$401.54	\$25.94	6.91%	
450	\$236.85	\$265.99	\$29.14	12.30%	\$176.59	\$176.59	\$0.00	0.00%	\$413.44	\$442.59	\$29.14	7.05%	
500	\$255.08	\$287.42	\$32.34	12.68%	\$196.21	\$196.21	\$0.00	0.00%	\$451.29	\$483.63	\$32.34	7.17%	
600	\$291.53	\$330.27	\$38.74	13.29%	\$235.46	\$235.46	\$0.00	0.00%	\$526.99	\$565.73	\$38.74	7.35%	
700	\$327.98	\$373.13	\$45.14	13.76%	\$274.70	\$274.70	\$0.00	0.00%	\$602.68	\$647.83	\$45.14	7.49%	
850	\$382.66	\$437.41	\$54.75	14.31%	\$333.56	\$333.56	\$0.00	0.00%	\$716.23	\$770.97	\$54.75	7.64%	
1,000	\$437.34	\$501.69	\$64.35	14.71%	\$392.43	\$392.43	\$0.00	0.00%	\$829.77	\$894.12	\$64.35	7.75%	
1,250	\$528.48	\$608.82	\$80.35	15.20%	\$490.54	\$490.54	\$0.00	0.00%	\$1,019.01	\$1,099.36	\$80.35	7.89%	
1,500	\$619.61	\$715.96	\$96.35	15.55%	\$588.64	\$588.64	\$0.00	0.00%	\$1,208.25	\$1,304.60	\$96.35	7.97%	
1,750	\$710.74	\$823.09	\$112.35	15.81%	\$686.75	\$686.75	\$0.00	0.00%	\$1,397.49	\$1,509.84	\$112.35	8.04%	
2,000	\$801.87	\$930.23	\$128.36	16.01%	\$784.86	\$784.86	\$0.00	0.00%	\$1,586.73	\$1,715.08	\$128.36	8.09%	
3,000	\$1,166.40	\$1,358.77	\$192.37	16.49%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,343.69	\$2,536.05	\$192.37	8.21%	
5,000	\$1,895.46	\$2,215.84	\$320.38	16.90%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,857.60	\$4,177.99	\$320.38	8.31%	
10,000	\$3,718.11	\$4,358.54	\$640.43	17.22%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$7,642.39	\$8,282.82	\$640.43	8.38%	
15,000	\$5,540.76	\$6,501.23	\$960.47	17.33%	\$5,886.42	\$5,886.42	\$0.00	0.00%	\$11,427.18	\$12,387.65	\$960.47	8.41%	
20,000	\$7,363.41	\$8,643.93	\$1,280.52	17.39%	\$7,848.56	\$7,848.56	\$0.00	0.00%	\$15,211.97	\$16,492.49	\$1,280.52	8.42%	
FY 23					Stayout Period						Difference	Change	
First 3 or Less				\$21.66				\$21.66			\$0.00	0.00%	
Next 47 Therms per Therm				\$1.348900				\$1.358200			\$0.009	0.69%	
Over 50 Therms per Therm				\$0.317600				\$0.319800			\$0.002	0.69%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000722				\$0.000796			\$0.000	10.13%	
Demand Capacity Surcharge Mechanism				\$0.034618				\$0.054656			\$0.020	57.89%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.039662			\$0.040	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1 BR - Heat Reduced Rate (Tier 1)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
Therm Usage												
0	-\$0.02	-\$0.02	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	-\$0.02	-\$0.02	\$0.00	0.00%
1	\$0.02	\$0.08	\$0.06	389.66%	\$0.39	\$0.39	\$0.00	0.00%	\$0.41	\$0.47	\$0.06	15.12%
2	\$0.05	\$0.18	\$0.12	235.89%	\$0.78	\$0.78	\$0.00	0.00%	\$0.84	\$0.96	\$0.12	14.75%
3	\$0.09	\$0.27	\$0.19	208.47%	\$1.18	\$1.18	\$0.00	0.00%	\$1.27	\$1.45	\$0.19	14.63%
6	\$4.38	\$4.78	\$0.40	9.12%	\$2.35	\$2.35	\$0.00	0.00%	\$6.73	\$7.13	\$0.40	5.93%
8	\$7.24	\$7.78	\$0.54	7.49%	\$3.14	\$3.14	\$0.00	0.00%	\$10.38	\$10.92	\$0.54	5.22%
10	\$10.10	\$10.78	\$0.68	6.78%	\$3.92	\$3.92	\$0.00	0.00%	\$14.02	\$14.71	\$0.68	4.88%
15	\$17.25	\$18.29	\$1.04	6.04%	\$5.89	\$5.89	\$0.00	0.00%	\$23.13	\$24.17	\$1.04	4.50%
20	\$24.39	\$25.79	\$1.40	5.73%	\$7.85	\$7.85	\$0.00	0.00%	\$32.24	\$33.64	\$1.40	4.34%
25	\$31.54	\$33.30	\$1.75	5.56%	\$9.81	\$9.81	\$0.00	0.00%	\$41.35	\$43.11	\$1.75	4.24%
30	\$38.69	\$40.80	\$2.11	5.46%	\$11.77	\$11.77	\$0.00	0.00%	\$50.46	\$52.57	\$2.11	4.18%
35	\$45.84	\$48.31	\$2.47	5.38%	\$13.73	\$13.73	\$0.00	0.00%	\$59.57	\$62.04	\$2.47	4.14%
40	\$52.99	\$55.81	\$2.82	5.33%	\$15.70	\$15.70	\$0.00	0.00%	\$68.68	\$71.51	\$2.82	4.11%
45	\$60.14	\$63.32	\$3.18	5.29%	\$17.66	\$17.66	\$0.00	0.00%	\$77.80	\$80.98	\$3.18	4.09%
50	\$67.28	\$70.82	\$3.54	5.26%	\$19.62	\$19.62	\$0.00	0.00%	\$86.91	\$90.44	\$3.54	4.07%
55	\$69.11	\$72.97	\$3.86	5.58%	\$21.58	\$21.58	\$0.00	0.00%	\$90.69	\$94.55	\$3.86	4.25%
60	\$70.93	\$75.11	\$4.18	5.89%	\$23.55	\$23.55	\$0.00	0.00%	\$94.48	\$98.65	\$4.18	4.42%
65	\$72.75	\$77.25	\$4.50	6.18%	\$25.51	\$25.51	\$0.00	0.00%	\$98.26	\$102.76	\$4.50	4.58%
70	\$74.58	\$79.39	\$4.82	6.46%	\$27.47	\$27.47	\$0.00	0.00%	\$102.05	\$106.86	\$4.82	4.72%
75	\$76.40	\$81.54	\$5.14	6.73%	\$29.43	\$29.43	\$0.00	0.00%	\$105.83	\$110.97	\$5.14	4.86%
80	\$78.22	\$83.68	\$5.46	6.98%	\$31.39	\$31.39	\$0.00	0.00%	\$109.61	\$115.07	\$5.46	4.98%
85	\$80.04	\$85.82	\$5.78	7.22%	\$33.36	\$33.36	\$0.00	0.00%	\$113.40	\$119.18	\$5.78	5.10%
Average	\$80.41	\$86.25	\$5.84	7.27%	\$33.75	\$33.75	\$0.00	0.00%	\$114.16	\$120.00	\$5.84	5.12%
90	\$81.87	\$87.96	\$6.10	7.45%	\$35.32	\$35.32	\$0.00	0.00%	\$117.18	\$123.28	\$6.10	5.20%
95	\$83.69	\$90.11	\$6.42	7.67%	\$37.28	\$37.28	\$0.00	0.00%	\$120.97	\$127.39	\$6.42	5.31%
100	\$85.51	\$92.25	\$6.74	7.88%	\$39.24	\$39.24	\$0.00	0.00%	\$124.75	\$131.49	\$6.74	5.40%
125	\$94.62	\$102.96	\$8.34	8.81%	\$49.05	\$49.05	\$0.00	0.00%	\$143.68	\$152.02	\$8.34	5.80%
150	\$103.74	\$113.68	\$9.94	9.58%	\$58.86	\$58.86	\$0.00	0.00%	\$162.60	\$172.54	\$9.94	6.11%
175	\$112.85	\$124.39	\$11.54	10.23%	\$68.67	\$68.67	\$0.00	0.00%	\$181.53	\$193.07	\$11.54	6.36%
200	\$121.96	\$135.10	\$13.14	10.77%	\$78.49	\$78.49	\$0.00	0.00%	\$200.45	\$213.59	\$13.14	6.56%
225	\$131.08	\$145.82	\$14.74	11.25%	\$88.30	\$88.30	\$0.00	0.00%	\$219.37	\$234.11	\$14.74	6.72%
250	\$140.19	\$156.53	\$16.34	11.66%	\$98.11	\$98.11	\$0.00	0.00%	\$238.30	\$254.64	\$16.34	6.86%
275	\$149.30	\$167.24	\$17.94	12.02%	\$107.92	\$107.92	\$0.00	0.00%	\$257.22	\$275.16	\$17.94	6.97%
300	\$158.42	\$177.96	\$19.54	12.33%	\$117.73	\$117.73	\$0.00	0.00%	\$276.15	\$295.69	\$19.54	7.08%
350	\$176.64	\$199.38	\$22.74	12.87%	\$137.35	\$137.35	\$0.00	0.00%	\$313.99	\$336.73	\$22.74	7.24%
400	\$194.87	\$220.81	\$25.94	13.31%	\$156.97	\$156.97	\$0.00	0.00%	\$351.84	\$377.78	\$25.94	7.37%
450	\$213.10	\$242.24	\$29.14	13.68%	\$176.59	\$176.59	\$0.00	0.00%	\$389.69	\$418.83	\$29.14	7.48%
500	\$231.32	\$263.67	\$32.34	13.98%	\$196.21	\$196.21	\$0.00	0.00%	\$427.54	\$459.88	\$32.34	7.56%
600	\$267.78	\$306.52	\$38.74	14.47%	\$235.46	\$235.46	\$0.00	0.00%	\$503.23	\$541.98	\$38.74	7.70%
700	\$304.23	\$349.37	\$45.14	14.84%	\$274.70	\$274.70	\$0.00	0.00%	\$578.93	\$624.07	\$45.14	7.80%
850	\$358.91	\$413.65	\$54.75	15.25%	\$333.56	\$333.56	\$0.00	0.00%	\$692.47	\$747.22	\$54.75	7.91%
1,000	\$413.59	\$477.93	\$64.35	15.56%	\$392.43	\$392.43	\$0.00	0.00%	\$806.02	\$870.36	\$64.35	7.98%
1,250	\$504.72	\$585.07	\$80.35	15.92%	\$490.54	\$490.54	\$0.00	0.00%	\$995.26	\$1,075.60	\$80.35	8.07%
FY 23					Stayout Period						Difference	Change
First 3 or Less				-\$1.34							\$0.00	0.00%
Next 47 Therms per Therm				\$1.348900							\$0.009	0.69%
Over 50 Therms per Therm				\$0.317600							\$0.002	0.69%
Billing & Payment Processing				\$1.320000							\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000							\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0.000000							\$0.000	0.00%
Revenue Decoupling Mechanism				\$0.000000							\$0.000	0.00%
Electric Generator Revenue				\$0.000000							\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000							\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000							\$0.000	0.00%
Tax Reform				\$0.000000							\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000							\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000							\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000722							\$0.000	10.13%
Demand Capacity Surcharge Mechanism				\$0.034618							\$0.020	57.89%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000							\$0.040	0.00%
Clean Energy Fund				\$0.000000							\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000							\$0.000	0.00%
Monthly Cost of Gas				\$0.380332							\$0.000	0.00%
Merchant Function Charge				\$0.007455							\$0.000	0.00%
GRT on Delivery				3.093000%							\$0.000	0.00%
GRT on Supply				1.010000%							\$0.000	0.00%
MTA on Delivery				0.185000%							\$0.000	0.00%
MTA on Supply				0.185000%							\$0.000	0.00%

The SC-1 low income bill impacts are using the Energy Affordability Credit of a \$3 for a customer in the Tier 1 benefit level.
In accordance with the Order in Case 14-M-0565 issued February 17, 2017, there are five Energy Affordability Credit tiers.
The Heating customers Tiers : Tier 1: \$23.00, Tier 2: \$45.00, Tier 3: \$66.00, Tier 4: \$52.00, Tier 5: \$23.00
The Non-Heating customers Tiers : Tier 1-Tier 5: \$3.00

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 1B DG - Residential Heat Distributed Generation
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$35.49	\$35.49	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$35.49	\$35.49	\$0.00	0.00%	
3	\$35.60	\$35.78	\$0.19	0.52%	\$1.18	\$1.18	\$0.00	0.00%	\$36.78	\$36.96	\$0.19	0.50%	
10	\$37.15	\$37.77	\$0.62	1.66%	\$3.92	\$3.92	\$0.00	0.00%	\$41.08	\$41.69	\$0.62	1.50%	
15	\$38.26	\$39.19	\$0.93	2.42%	\$5.89	\$5.89	\$0.00	0.00%	\$44.15	\$45.08	\$0.93	2.10%	
20	\$39.38	\$40.61	\$1.23	3.14%	\$7.85	\$7.85	\$0.00	0.00%	\$47.22	\$48.46	\$1.23	2.61%	
30	\$41.60	\$43.45	\$1.85	4.45%	\$11.77	\$11.77	\$0.00	0.00%	\$53.37	\$55.22	\$1.85	3.47%	
161	\$70.71	\$80.65	\$9.94	14.06%	\$63.18	\$63.18	\$0.00	0.00%	\$133.89	\$143.83	\$9.94	7.42%	
40	\$43.82	\$46.29	\$2.47	5.64%	\$15.70	\$15.70	\$0.00	0.00%	\$59.52	\$61.99	\$2.47	4.15%	
50	\$46.04	\$49.13	\$3.09	6.70%	\$19.62	\$19.62	\$0.00	0.00%	\$65.66	\$68.75	\$3.09	4.70%	
75	\$51.60	\$56.23	\$4.63	8.97%	\$29.43	\$29.43	\$0.00	0.00%	\$81.03	\$85.66	\$4.63	5.71%	
100	\$57.15	\$63.33	\$6.17	10.80%	\$39.24	\$39.24	\$0.00	0.00%	\$96.39	\$102.57	\$6.17	6.40%	
125	\$62.71	\$70.42	\$7.72	12.31%	\$49.05	\$49.05	\$0.00	0.00%	\$111.76	\$119.48	\$7.72	6.91%	
Average	161	\$70.71	\$80.65	\$9.94	14.06%	\$63.18	\$63.18	\$0.00	0.00%	\$133.89	\$143.83	\$9.94	7.42%
200	\$79.37	\$91.72	\$12.35	15.56%	\$78.49	\$78.49	\$0.00	0.00%	\$157.86	\$170.21	\$12.35	7.82%	
225	\$84.93	\$98.82	\$13.89	16.36%	\$88.30	\$88.30	\$0.00	0.00%	\$173.22	\$187.11	\$13.89	8.02%	
250	\$90.48	\$105.92	\$15.43	17.06%	\$98.11	\$98.11	\$0.00	0.00%	\$188.59	\$204.02	\$15.43	8.18%	
275	\$96.04	\$113.02	\$16.98	17.68%	\$107.92	\$107.92	\$0.00	0.00%	\$203.96	\$220.93	\$16.98	8.32%	
300	\$101.59	\$120.11	\$18.52	18.23%	\$117.73	\$117.73	\$0.00	0.00%	\$219.32	\$237.84	\$18.52	8.44%	
325	\$107.15	\$127.21	\$20.06	18.73%	\$127.54	\$127.54	\$0.00	0.00%	\$234.69	\$254.75	\$20.06	8.55%	
350	\$112.70	\$134.31	\$21.61	19.17%	\$137.35	\$137.35	\$0.00	0.00%	\$250.05	\$271.66	\$21.61	8.64%	
375	\$118.26	\$141.41	\$23.15	19.58%	\$147.16	\$147.16	\$0.00	0.00%	\$265.42	\$288.57	\$23.15	8.72%	
400	\$123.81	\$148.51	\$24.69	19.95%	\$156.97	\$156.97	\$0.00	0.00%	\$280.78	\$305.48	\$24.69	8.79%	
425	\$129.37	\$155.61	\$26.24	20.28%	\$166.78	\$166.78	\$0.00	0.00%	\$296.15	\$322.39	\$26.24	8.86%	
FY 23					Stayout Period						Difference	Change	
First 3 or Less				\$33.04				\$33.04			\$0.00	0.00%	
Next 47 Therms per Therm				\$0.179800				\$0.179800			\$0.0000	0.00%	
Over 50 Therms per Therm				\$0.000000				\$0.000000			\$0.0000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.0000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.0000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.0000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.0000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.0000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.0000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000722				\$0.000796			\$0.0000	10.13%	
Demand Capacity Surcharge Mechanism				\$0.034618				\$0.054656			\$0.0200	57.89%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.039662			\$0.0400	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.0000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.0000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.0000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.0000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.0000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.0000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.0000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 2-A - Non-Residential Non Heat
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
-	\$39.45	\$39.45	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.45	\$39.45	\$0.00	0.00%	
1	\$39.47	\$39.51	\$0.04	0.09%	\$0.39	\$0.39	\$0.00	0.00%	\$39.87	\$39.90	\$0.04	0.09%	
2	\$39.50	\$39.57	\$0.07	0.18%	\$0.78	\$0.78	\$0.00	0.00%	\$40.28	\$40.36	\$0.07	0.18%	
3	\$39.53	\$39.63	\$0.11	0.27%	\$1.18	\$1.18	\$0.00	0.00%	\$40.70	\$40.81	\$0.11	0.26%	
6	\$45.19	\$45.44	\$0.25	0.55%	\$2.35	\$2.35	\$0.00	0.00%	\$47.54	\$47.79	\$0.25	0.52%	
8	\$48.96	\$49.31	\$0.34	0.70%	\$3.14	\$3.14	\$0.00	0.00%	\$52.10	\$52.45	\$0.34	0.66%	
10	\$52.74	\$53.17	\$0.44	0.83%	\$3.92	\$3.92	\$0.00	0.00%	\$56.66	\$57.10	\$0.44	0.77%	
15	\$62.18	\$62.85	\$0.67	1.08%	\$5.89	\$5.89	\$0.00	0.00%	\$68.06	\$68.73	\$0.67	0.98%	
20	\$71.62	\$72.52	\$0.90	1.26%	\$7.85	\$7.85	\$0.00	0.00%	\$79.47	\$80.37	\$0.90	1.14%	
25	\$81.06	\$82.19	\$1.14	1.40%	\$9.81	\$9.81	\$0.00	0.00%	\$90.87	\$92.00	\$1.14	1.25%	
30	\$90.49	\$91.87	\$1.37	1.52%	\$11.77	\$11.77	\$0.00	0.00%	\$102.27	\$103.64	\$1.37	1.34%	
35	\$99.93	\$101.54	\$1.61	1.61%	\$13.73	\$13.73	\$0.00	0.00%	\$113.67	\$115.27	\$1.61	1.41%	
40	\$109.37	\$111.21	\$1.84	1.68%	\$15.70	\$15.70	\$0.00	0.00%	\$125.07	\$126.91	\$1.84	1.47%	
45	\$118.81	\$120.89	\$2.08	1.75%	\$17.66	\$17.66	\$0.00	0.00%	\$136.47	\$138.55	\$2.08	1.52%	
50	\$128.25	\$130.56	\$2.31	1.80%	\$19.62	\$19.62	\$0.00	0.00%	\$147.87	\$150.18	\$2.31	1.56%	
55	\$137.69	\$140.23	\$2.54	1.85%	\$21.58	\$21.58	\$0.00	0.00%	\$159.27	\$161.82	\$2.54	1.60%	
60	\$147.13	\$149.91	\$2.78	1.89%	\$23.55	\$23.55	\$0.00	0.00%	\$170.67	\$173.45	\$2.78	1.63%	
70	\$166.00	\$169.25	\$3.25	1.96%	\$27.47	\$27.47	\$0.00	0.00%	\$193.47	\$196.72	\$3.25	1.68%	
80	\$184.88	\$188.60	\$3.72	2.01%	\$31.39	\$31.39	\$0.00	0.00%	\$216.28	\$219.99	\$3.72	1.72%	
90	\$203.76	\$207.94	\$4.18	2.05%	\$35.32	\$35.32	\$0.00	0.00%	\$239.08	\$243.26	\$4.18	1.75%	
100	\$207.80	\$212.36	\$4.56	2.20%	\$39.24	\$39.24	\$0.00	0.00%	\$247.04	\$251.60	\$4.56	1.85%	
125	\$217.89	\$223.40	\$5.52	2.53%	\$49.05	\$49.05	\$0.00	0.00%	\$266.94	\$272.46	\$5.52	2.07%	
150	\$227.98	\$234.45	\$6.47	2.84%	\$58.86	\$58.86	\$0.00	0.00%	\$286.85	\$293.31	\$6.47	2.25%	
175	\$238.07	\$245.49	\$7.42	3.12%	\$68.67	\$68.67	\$0.00	0.00%	\$306.75	\$314.17	\$7.42	2.42%	
200	\$248.17	\$256.54	\$8.37	3.37%	\$78.49	\$78.49	\$0.00	0.00%	\$326.65	\$335.02	\$8.37	2.56%	
250	\$268.35	\$278.62	\$10.27	3.83%	\$98.11	\$98.11	\$0.00	0.00%	\$366.46	\$376.73	\$10.27	2.80%	
300	\$288.54	\$300.71	\$12.17	4.22%	\$117.73	\$117.73	\$0.00	0.00%	\$406.26	\$418.44	\$12.17	3.00%	
350	\$308.72	\$322.80	\$14.08	4.56%	\$137.35	\$137.35	\$0.00	0.00%	\$446.07	\$460.15	\$14.08	3.16%	
400	\$328.91	\$344.88	\$15.98	4.86%	\$156.97	\$156.97	\$0.00	0.00%	\$485.88	\$501.86	\$15.98	3.29%	
450	\$349.09	\$366.97	\$17.88	5.12%	\$176.59	\$176.59	\$0.00	0.00%	\$525.68	\$543.56	\$17.88	3.40%	
500	\$369.28	\$389.06	\$19.78	5.36%	\$196.21	\$196.21	\$0.00	0.00%	\$565.49	\$585.27	\$19.78	3.50%	
Average	522	\$378.16	\$398.78	\$20.62	5.45%	\$204.85	\$204.85	\$0.00	0.00%	\$583.01	\$603.63	\$20.62	3.54%
600	\$409.65	\$433.23	\$23.59	5.76%	\$235.46	\$235.46	\$0.00	0.00%	\$645.10	\$668.69	\$23.59	3.66%	
700	\$450.02	\$477.41	\$27.39	6.09%	\$274.70	\$274.70	\$0.00	0.00%	\$724.72	\$752.11	\$27.39	3.78%	
850	\$510.57	\$543.67	\$33.10	6.48%	\$333.56	\$333.56	\$0.00	0.00%	\$844.13	\$877.23	\$33.10	3.92%	
1,000	\$571.13	\$609.93	\$38.81	6.79%	\$392.43	\$392.43	\$0.00	0.00%	\$963.55	\$1,002.36	\$38.81	4.03%	
1,250	\$672.05	\$720.37	\$48.32	7.19%	\$490.54	\$490.54	\$0.00	0.00%	\$1,162.59	\$1,210.90	\$48.32	4.16%	
1,500	\$772.98	\$830.81	\$57.83	7.48%	\$588.64	\$588.64	\$0.00	0.00%	\$1,361.62	\$1,419.45	\$57.83	4.25%	
2,000	\$974.82	\$1,051.68	\$76.85	7.88%	\$784.86	\$784.86	\$0.00	0.00%	\$1,759.68	\$1,836.54	\$76.85	4.37%	
2,500	\$1,176.67	\$1,272.55	\$95.88	8.15%	\$981.07	\$981.07	\$0.00	0.00%	\$2,157.74	\$2,253.62	\$95.88	4.44%	
3,000	\$1,378.52	\$1,493.43	\$114.90	8.34%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,555.81	\$2,670.71	\$114.90	4.50%	
4,000	\$1,647.43	\$1,799.57	\$152.14	9.23%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$3,217.14	\$3,369.28	\$152.14	4.73%	
5,000	\$1,916.33	\$2,105.71	\$189.38	9.88%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,878.47	\$4,067.85	\$189.38	4.88%	
7,500	\$2,588.60	\$2,871.07	\$282.47	10.91%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$5,531.81	\$5,814.28	\$282.47	5.11%	
10,000	\$3,260.86	\$3,636.42	\$375.57	11.52%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$7,185.14	\$7,560.70	\$375.57	5.23%	
15,000	\$4,605.38	\$5,167.14	\$561.75	12.20%	\$5,886.42	\$5,886.42	\$0.00	0.00%	\$10,491.80	\$11,053.56	\$561.75	5.35%	
20,000	\$5,949.91	\$6,697.85	\$747.94	12.57%	\$7,848.56	\$7,848.56	\$0.00	0.00%	\$13,798.47	\$14,546.41	\$747.94	5.42%	
25,000	\$7,294.43	\$8,228.56	\$934.13	12.81%	\$9,810.70	\$9,810.70	\$0.00	0.00%	\$17,105.13	\$18,039.27	\$934.13	5.46%	
30,000	\$8,638.96	\$9,759.28	\$1,120.32	12.97%	\$11,772.84	\$11,772.84	\$0.00	0.00%	\$20,411.80	\$21,532.12	\$1,120.32	5.49%	
35,000	\$9,983.48	\$11,289.99	\$1,306.51	13.09%	\$13,734.98	\$13,734.98	\$0.00	0.00%	\$23,718.46	\$25,024.97	\$1,306.51	5.51%	
40,000	\$11,328.01	\$12,820.70	\$1,492.70	13.18%	\$15,697.12	\$15,697.12	\$0.00	0.00%	\$27,025.13	\$28,517.83	\$1,492.70	5.52%	
45,000	\$12,672.53	\$14,351.42	\$1,678.89	13.25%	\$17,659.26	\$17,659.26	\$0.00	0.00%	\$30,331.79	\$32,010.68	\$1,678.89	5.54%	
50,000	\$14,017.06	\$15,882.13	\$1,865.08	13.31%	\$19,621.40	\$19,621.40	\$0.00	0.00%	\$33,638.46	\$35,503.53	\$1,865.08	5.54%	
55,000	\$15,361.58	\$17,412.84	\$2,051.26	13.35%	\$21,583.54	\$21,583.54	\$0.00	0.00%	\$36,945.12	\$38,996.39	\$2,051.26	5.55%	
FY 23					Stayout Period						Difference	Change	
First 3 therms				\$37.66				\$37.66			\$0.00	0.00%	
Next 87 therms				\$1,839,500				\$1,850,400			\$0.011	0.59%	
Next 2,910 therms				\$0,373,000				\$0,375,200			\$0.002	0.59%	
Over 3,000 therms				\$0,239,800				\$0,241,200			\$0.001	0.58%	
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Electric Generator Revenue				\$0,000,000				\$0,000,000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Tax Reform				\$0,000,000				\$0,000,000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0,000,393				\$0,000,430			\$0.000	9.27%	
Demand Capacity Surcharge Mechanism				\$0,025,531				\$0,044,680			\$0.019	75.00%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0,000,000				\$0,016,212			\$0.016	0.00%	
Clean Energy Fund				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%	
Monthly Cost of Gas				\$0,380,332				\$0,380,332			\$0.000	0.00%	
Merchant Function Charge				\$0,007,455				\$0,007,455			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 2-B - Non Residential Heat
Rate Year Three (FY 23) vs. Stayout Period

Therm Usage	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
-	\$39.45	\$39.45	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.45	\$39.45	\$0.00	0.00%	
1	\$39.48	\$39.52	\$0.04	0.11%	\$0.39	\$0.39	\$0.00	0.00%	\$39.87	\$39.91	\$0.04	0.10%	
2	\$39.51	\$39.59	\$0.08	0.21%	\$0.78	\$0.78	\$0.00	0.00%	\$40.30	\$40.38	\$0.08	0.21%	
3	\$39.54	\$39.67	\$0.12	0.32%	\$1.18	\$1.18	\$0.00	0.00%	\$40.72	\$40.85	\$0.12	0.31%	
6	\$45.22	\$45.50	\$0.28	0.62%	\$2.35	\$2.35	\$0.00	0.00%	\$47.58	\$47.86	\$0.28	0.59%	
8	\$49.01	\$49.39	\$0.39	0.79%	\$3.14	\$3.14	\$0.00	0.00%	\$52.15	\$52.53	\$0.39	0.74%	
10	\$52.79	\$53.28	\$0.49	0.93%	\$3.92	\$3.92	\$0.00	0.00%	\$56.72	\$57.21	\$0.49	0.87%	
15	\$62.26	\$63.01	\$0.76	1.21%	\$5.89	\$5.89	\$0.00	0.00%	\$68.14	\$68.90	\$0.76	1.11%	
20	\$71.72	\$72.74	\$1.02	1.42%	\$7.85	\$7.85	\$0.00	0.00%	\$79.57	\$80.59	\$1.02	1.28%	
25	\$81.18	\$82.46	\$1.28	1.58%	\$9.81	\$9.81	\$0.00	0.00%	\$90.99	\$92.27	\$1.28	1.41%	
30	\$90.64	\$92.19	\$1.54	1.70%	\$11.77	\$11.77	\$0.00	0.00%	\$102.42	\$103.96	\$1.54	1.51%	
35	\$100.11	\$101.91	\$1.81	1.81%	\$13.73	\$13.73	\$0.00	0.00%	\$113.84	\$115.65	\$1.81	1.59%	
40	\$109.57	\$111.64	\$2.07	1.89%	\$15.70	\$15.70	\$0.00	0.00%	\$125.27	\$127.34	\$2.07	1.65%	
45	\$119.03	\$121.37	\$2.33	1.96%	\$17.66	\$17.66	\$0.00	0.00%	\$136.69	\$139.03	\$2.33	1.71%	
50	\$128.50	\$131.09	\$2.60	2.02%	\$19.62	\$19.62	\$0.00	0.00%	\$148.12	\$150.71	\$2.60	1.75%	
55	\$137.96	\$140.82	\$2.86	2.07%	\$21.58	\$21.58	\$0.00	0.00%	\$159.54	\$162.40	\$2.86	1.79%	
60	\$147.42	\$150.54	\$3.12	2.12%	\$23.55	\$23.55	\$0.00	0.00%	\$170.97	\$174.09	\$3.12	1.83%	
70	\$166.35	\$170.00	\$3.65	2.19%	\$27.47	\$27.47	\$0.00	0.00%	\$193.82	\$197.47	\$3.65	1.88%	
80	\$185.27	\$189.45	\$4.17	2.25%	\$31.39	\$31.39	\$0.00	0.00%	\$216.67	\$220.84	\$4.17	1.93%	
90	\$204.20	\$208.90	\$4.70	2.30%	\$35.32	\$35.32	\$0.00	0.00%	\$239.52	\$244.22	\$4.70	1.96%	
100	\$209.20	\$214.34	\$5.14	2.46%	\$39.24	\$39.24	\$0.00	0.00%	\$248.44	\$253.58	\$5.14	2.07%	
125	\$221.68	\$227.93	\$6.25	2.82%	\$49.05	\$49.05	\$0.00	0.00%	\$270.74	\$276.99	\$6.25	2.31%	
150	\$234.17	\$241.53	\$7.36	3.14%	\$58.86	\$58.86	\$0.00	0.00%	\$293.04	\$300.39	\$7.36	2.51%	
175	\$246.66	\$255.12	\$8.46	3.43%	\$68.67	\$68.67	\$0.00	0.00%	\$315.34	\$323.80	\$8.46	2.68%	
200	\$259.15	\$268.72	\$9.57	3.69%	\$78.49	\$78.49	\$0.00	0.00%	\$337.63	\$347.20	\$9.57	2.83%	
250	\$284.13	\$295.91	\$11.78	4.15%	\$98.11	\$98.11	\$0.00	0.00%	\$382.23	\$394.02	\$11.78	3.08%	
300	\$309.10	\$323.10	\$14.00	4.53%	\$117.73	\$117.73	\$0.00	0.00%	\$426.83	\$440.83	\$14.00	3.28%	
350	\$334.08	\$350.29	\$16.21	4.85%	\$137.35	\$137.35	\$0.00	0.00%	\$471.43	\$487.64	\$16.21	3.44%	
400	\$359.06	\$377.48	\$18.43	5.13%	\$156.97	\$156.97	\$0.00	0.00%	\$516.03	\$534.45	\$18.43	3.57%	
450	\$384.03	\$404.67	\$20.64	5.37%	\$176.59	\$176.59	\$0.00	0.00%	\$560.62	\$581.26	\$20.64	3.68%	
Average	461	\$389.53	\$410.65	\$21.13	5.42%	\$180.91	\$180.91	\$0.00	0.00%	\$570.44	\$591.56	\$21.13	3.70%
500	\$409.01	\$431.86	\$22.85	5.59%	\$196.21	\$196.21	\$0.00	0.00%	\$605.22	\$628.08	\$22.85	3.78%	
600	\$458.96	\$486.24	\$27.28	5.94%	\$235.46	\$235.46	\$0.00	0.00%	\$694.42	\$721.70	\$27.28	3.93%	
700	\$508.92	\$540.62	\$31.71	6.23%	\$274.70	\$274.70	\$0.00	0.00%	\$783.61	\$815.32	\$31.71	4.05%	
850	\$583.85	\$622.20	\$38.35	6.57%	\$333.56	\$333.56	\$0.00	0.00%	\$917.41	\$955.76	\$38.35	4.18%	
1,000	\$658.77	\$703.77	\$44.99	6.83%	\$392.43	\$392.43	\$0.00	0.00%	\$1,051.20	\$1,096.20	\$44.99	4.28%	
1,250	\$783.66	\$839.72	\$56.06	7.15%	\$490.54	\$490.54	\$0.00	0.00%	\$1,274.19	\$1,330.26	\$56.06	4.40%	
1,500	\$908.54	\$975.67	\$67.13	7.39%	\$588.64	\$588.64	\$0.00	0.00%	\$1,497.18	\$1,564.32	\$67.13	4.48%	
2,000	\$1,158.31	\$1,247.58	\$89.27	7.71%	\$784.86	\$784.86	\$0.00	0.00%	\$1,943.16	\$2,032.44	\$89.27	4.59%	
2,500	\$1,408.07	\$1,519.49	\$111.41	7.91%	\$981.07	\$981.07	\$0.00	0.00%	\$2,389.14	\$2,500.56	\$111.41	4.66%	
3,000	\$1,657.84	\$1,791.39	\$133.55	8.06%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,835.12	\$2,968.68	\$133.55	4.71%	
4,000	\$2,012.66	\$2,189.68	\$177.02	8.80%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$3,582.37	\$3,759.40	\$177.02	4.94%	
5,000	\$2,367.48	\$2,587.97	\$220.49	9.31%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$4,329.62	\$4,550.11	\$220.49	5.09%	
7,500	\$3,254.53	\$3,583.70	\$329.17	10.11%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$6,197.74	\$6,526.91	\$329.17	5.31%	
10,000	\$4,141.58	\$4,579.43	\$437.84	10.57%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$8,065.86	\$8,503.71	\$437.84	5.43%	
15,000	\$5,915.69	\$6,570.88	\$655.19	11.08%	\$5,886.42	\$5,886.42	\$0.00	0.00%	\$11,802.11	\$12,457.30	\$655.19	5.55%	
20,000	\$7,689.79	\$8,562.34	\$872.54	11.35%	\$7,848.56	\$7,848.56	\$0.00	0.00%	\$15,538.35	\$16,410.90	\$872.54	5.62%	
25,000	\$9,463.89	\$10,553.79	\$1,089.90	11.52%	\$9,810.70	\$9,810.70	\$0.00	0.00%	\$19,274.60	\$20,364.49	\$1,089.90	5.65%	
30,000	\$11,238.00	\$12,545.24	\$1,307.25	11.63%	\$11,772.84	\$11,772.84	\$0.00	0.00%	\$23,010.84	\$24,318.09	\$1,307.25	5.68%	
FY 23					Stayout Period						Difference	Change	
First 3 therms				\$37.66				\$37.66			\$0.00	0.00%	
Next 87 therms				\$1.838200				\$1.849100			\$0.011	0.59%	
Next 2,910 therms				\$0.461600				\$0.464300			\$0.003	0.58%	
Over 3,000 therms				\$0.318600				\$0.320500			\$0.002	0.60%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000667				\$0.000729			\$0.000	9.27%	
Demand Capacity Surcharge Mechanism				\$0.031357				\$0.049840			\$0.018	58.95%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.022511			\$0.023	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 3 - Multiple Dwelling Service
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$78.47	\$78.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$78.47	\$78.47	\$0.00	0.00%	
3	\$78.57	\$78.68	\$0.11	0.14%	\$1.18	\$1.18	\$0.00	0.00%	\$79.75	\$79.86	\$0.11	0.14%	
10	\$82.45	\$82.84	\$0.39	0.47%	\$3.92	\$3.92	\$0.00	0.00%	\$86.37	\$86.76	\$0.39	0.45%	
50	\$104.59	\$106.56	\$1.97	1.89%	\$19.62	\$19.62	\$0.00	0.00%	\$124.21	\$126.18	\$1.97	1.59%	
100	\$132.27	\$136.22	\$3.95	2.99%	\$39.24	\$39.24	\$0.00	0.00%	\$171.51	\$175.47	\$3.95	2.30%	
150	\$159.95	\$165.88	\$5.93	3.71%	\$58.86	\$58.86	\$0.00	0.00%	\$218.81	\$224.75	\$5.93	2.71%	
200	\$187.63	\$195.54	\$7.91	4.22%	\$78.49	\$78.49	\$0.00	0.00%	\$266.11	\$274.03	\$7.91	2.97%	
250	\$215.31	\$225.20	\$9.90	4.60%	\$98.11	\$98.11	\$0.00	0.00%	\$313.41	\$323.31	\$9.90	3.16%	
300	\$242.98	\$254.86	\$11.88	4.89%	\$117.73	\$117.73	\$0.00	0.00%	\$360.71	\$372.59	\$11.88	3.29%	
350	\$270.66	\$284.52	\$13.86	5.12%	\$137.35	\$137.35	\$0.00	0.00%	\$408.01	\$421.87	\$13.86	3.40%	
400	\$298.34	\$314.18	\$15.84	5.31%	\$156.97	\$156.97	\$0.00	0.00%	\$455.31	\$471.15	\$15.84	3.48%	
450	\$326.02	\$343.84	\$17.82	5.47%	\$176.59	\$176.59	\$0.00	0.00%	\$502.61	\$520.43	\$17.82	3.55%	
500	\$353.70	\$373.50	\$19.80	5.60%	\$196.21	\$196.21	\$0.00	0.00%	\$549.91	\$569.71	\$19.80	3.60%	
1,000	\$630.48	\$670.09	\$39.61	6.28%	\$392.43	\$392.43	\$0.00	0.00%	\$1,022.91	\$1,062.52	\$39.61	3.87%	
1,500	\$800.73	\$859.58	\$58.85	7.35%	\$588.64	\$588.64	\$0.00	0.00%	\$1,389.37	\$1,448.22	\$58.85	4.24%	
2,000	\$970.98	\$1,049.06	\$78.09	8.04%	\$784.86	\$784.86	\$0.00	0.00%	\$1,755.83	\$1,833.92	\$78.09	4.45%	
2,500	\$1,141.22	\$1,238.55	\$97.33	8.53%	\$981.07	\$981.07	\$0.00	0.00%	\$2,122.29	\$2,219.62	\$97.33	4.59%	
Average	2,615	\$1,180.38	\$1,282.13	\$101.75	8.62%	\$1,026.20	\$1,026.20	\$0.00	0.00%	\$2,206.58	\$2,308.33	\$101.75	4.61%
3,000	\$1,311.47	\$1,428.04	\$116.57	8.89%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,488.76	\$2,605.32	\$116.57	4.68%	
3,500	\$1,481.72	\$1,617.53	\$135.81	9.17%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$2,855.22	\$2,991.02	\$135.81	4.76%	
4,000	\$1,651.97	\$1,807.01	\$155.05	9.39%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$3,221.68	\$3,376.73	\$155.05	4.81%	
4,500	\$1,822.21	\$1,996.50	\$174.29	9.56%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$3,588.14	\$3,762.43	\$174.29	4.86%	
5,000	\$1,992.46	\$2,185.99	\$193.52	9.71%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,954.60	\$4,148.13	\$193.52	4.89%	
5,500	\$2,162.71	\$2,375.47	\$212.76	9.84%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$4,321.06	\$4,533.83	\$212.76	4.92%	
6,000	\$2,332.96	\$2,564.96	\$232.00	9.94%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$4,687.53	\$4,919.53	\$232.00	4.95%	
6,500	\$2,503.20	\$2,754.45	\$251.24	10.04%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$5,053.99	\$5,305.23	\$251.24	4.97%	
7,000	\$2,673.45	\$2,943.94	\$270.48	10.12%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$5,420.45	\$5,690.93	\$270.48	4.99%	
7,500	\$2,843.70	\$3,133.42	\$289.72	10.19%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$5,786.91	\$6,076.63	\$289.72	5.01%	
8,000	\$3,013.95	\$3,322.91	\$308.96	10.25%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$6,153.37	\$6,462.34	\$308.96	5.02%	
8,500	\$3,184.19	\$3,512.40	\$328.20	10.31%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$6,519.83	\$6,848.04	\$328.20	5.03%	
9,000	\$3,354.44	\$3,701.89	\$347.44	10.36%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$6,886.29	\$7,233.74	\$347.44	5.05%	
9,500	\$3,524.69	\$3,891.37	\$366.68	10.40%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$7,252.76	\$7,619.44	\$366.68	5.06%	
10,000	\$3,694.94	\$4,080.86	\$385.92	10.44%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$7,619.22	\$8,005.14	\$385.92	5.07%	
FY 23					Stayout Period						Difference	Change	
First 3 therms				\$74.66				\$74.66			\$0.00	0.00%	
Next 997 therms				\$0.504100				\$0.506900			\$0.003	0.56%	
Over 1,000 therms				\$0.297800				\$0.299500			\$0.002	0.57%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000660				\$0.000733			\$0.000	11.05%	
Demand Capacity Surcharge Mechanism				\$0.031209				\$0.049913			\$0.019	59.93%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.016780			\$0.017	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				3.093000%				3.093000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 15 - High Load Factor Service for Cogeneration
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$156.52	\$156.52	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$156.52	\$156.52	\$0.00	0.00%	
10	\$156.75	\$157.02	\$0.27	0.17%	\$2.80	\$2.80	\$0.00	0.00%	\$159.55	\$159.82	\$0.27	0.17%	
50	\$166.74	\$168.12	\$1.38	0.83%	\$13.99	\$13.99	\$0.00	0.00%	\$180.73	\$182.11	\$1.38	0.76%	
100	\$179.23	\$181.99	\$2.77	1.54%	\$27.97	\$27.97	\$0.00	0.00%	\$207.20	\$209.97	\$2.77	1.34%	
200	\$204.20	\$209.74	\$5.55	2.72%	\$55.94	\$55.94	\$0.00	0.00%	\$260.14	\$265.69	\$5.55	2.13%	
300	\$229.17	\$237.49	\$8.33	3.63%	\$83.92	\$83.92	\$0.00	0.00%	\$313.08	\$321.41	\$8.33	2.66%	
400	\$254.13	\$265.24	\$11.11	4.37%	\$111.89	\$111.89	\$0.00	0.00%	\$366.02	\$377.13	\$11.11	3.03%	
500	\$279.10	\$292.99	\$13.89	4.98%	\$139.86	\$139.86	\$0.00	0.00%	\$418.97	\$432.86	\$13.89	3.32%	
1,000	\$403.95	\$431.74	\$27.79	6.88%	\$279.72	\$279.72	\$0.00	0.00%	\$683.68	\$711.47	\$27.79	4.06%	
5,000	\$1,402.74	\$1,541.74	\$139.00	9.91%	\$1,398.62	\$1,398.62	\$0.00	0.00%	\$2,801.36	\$2,940.36	\$139.00	4.96%	
10,000	\$2,651.22	\$2,929.23	\$278.01	10.49%	\$2,797.25	\$2,797.25	\$0.00	0.00%	\$5,448.47	\$5,726.48	\$278.01	5.10%	
11,000	\$2,900.91	\$3,206.72	\$305.81	10.54%	\$3,076.97	\$3,076.97	\$0.00	0.00%	\$5,977.89	\$6,283.70	\$305.81	5.12%	
Average	11,522	\$3,031.26	\$3,351.58	\$320.32	10.57%	\$3,222.99	\$3,222.99	\$0.00	0.00%	\$6,254.25	\$6,574.57	\$320.32	5.12%
15,000	\$3,899.70	\$4,316.72	\$417.02	10.69%	\$4,195.87	\$4,195.87	\$0.00	0.00%	\$8,095.57	\$8,512.59	\$417.02	5.15%	
20,000	\$5,148.18	\$5,704.21	\$556.03	10.80%	\$5,594.50	\$5,594.50	\$0.00	0.00%	\$10,742.68	\$11,298.71	\$556.03	5.18%	
25,000	\$6,396.66	\$7,091.70	\$695.04	10.87%	\$6,993.12	\$6,993.12	\$0.00	0.00%	\$13,389.78	\$14,084.82	\$695.04	5.19%	
30,000	\$7,645.14	\$8,479.19	\$834.05	10.91%	\$8,391.75	\$8,391.75	\$0.00	0.00%	\$16,036.89	\$16,870.94	\$834.05	5.20%	
35,000	\$8,893.62	\$9,866.68	\$973.06	10.94%	\$9,790.37	\$9,790.37	\$0.00	0.00%	\$18,684.00	\$19,657.05	\$973.06	5.21%	
40,000	\$10,142.10	\$11,254.17	\$1,112.07	10.96%	\$11,189.00	\$11,189.00	\$0.00	0.00%	\$21,331.10	\$22,443.17	\$1,112.07	5.21%	
45,000	\$11,390.58	\$12,641.66	\$1,251.08	10.98%	\$12,587.62	\$12,587.62	\$0.00	0.00%	\$23,978.21	\$25,229.29	\$1,251.08	5.22%	
50,000	\$12,639.07	\$14,029.16	\$1,390.09	11.00%	\$13,986.25	\$13,986.25	\$0.00	0.00%	\$26,625.31	\$28,015.40	\$1,390.09	5.22%	
55,000	\$13,887.55	\$15,416.65	\$1,529.10	11.01%	\$15,384.87	\$15,384.87	\$0.00	0.00%	\$29,272.42	\$30,801.52	\$1,529.10	5.22%	
60,000	\$15,136.03	\$16,804.14	\$1,668.11	11.02%	\$16,783.50	\$16,783.50	\$0.00	0.00%	\$31,919.52	\$33,587.63	\$1,668.11	5.23%	
65,000	\$16,384.51	\$18,191.63	\$1,807.12	11.03%	\$18,182.12	\$18,182.12	\$0.00	0.00%	\$34,566.63	\$36,373.75	\$1,807.12	5.23%	
70,000	\$17,632.99	\$19,579.12	\$1,946.13	11.04%	\$19,580.75	\$19,580.75	\$0.00	0.00%	\$37,213.74	\$39,159.87	\$1,946.13	5.23%	
75,000	\$18,881.47	\$20,966.61	\$2,085.14	11.04%	\$20,979.37	\$20,979.37	\$0.00	0.00%	\$39,860.84	\$41,945.98	\$2,085.14	5.23%	
80,000	\$20,129.95	\$22,354.10	\$2,224.15	11.05%	\$22,378.00	\$22,378.00	\$0.00	0.00%	\$42,507.95	\$44,732.10	\$2,224.15	5.23%	
85,000	\$21,378.43	\$23,741.59	\$2,363.16	11.05%	\$23,776.62	\$23,776.62	\$0.00	0.00%	\$45,155.05	\$47,518.21	\$2,363.16	5.23%	
90,000	\$22,626.91	\$25,129.08	\$2,502.17	11.06%	\$25,175.24	\$25,175.24	\$0.00	0.00%	\$47,802.16	\$50,304.33	\$2,502.17	5.23%	
95,000	\$23,875.39	\$26,516.58	\$2,641.18	11.06%	\$26,573.87	\$26,573.87	\$0.00	0.00%	\$50,449.26	\$53,090.44	\$2,641.18	5.24%	
100,000	\$25,123.88	\$27,904.07	\$2,780.19	11.07%	\$27,972.49	\$27,972.49	\$0.00	0.00%	\$53,096.37	\$55,876.56	\$2,780.19	5.24%	
105,000	\$26,372.36	\$29,291.56	\$2,919.20	11.07%	\$29,371.12	\$29,371.12	\$0.00	0.00%	\$55,743.47	\$58,662.68	\$2,919.20	5.24%	
110,000	\$27,620.84	\$30,679.05	\$3,058.21	11.07%	\$30,769.74	\$30,769.74	\$0.00	0.00%	\$58,390.58	\$61,448.79	\$3,058.21	5.24%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$153.35							\$0.00	0.00%	
Over 10 therms				\$0.223800							\$0.001	0.54%	
Billing & Payment Processing				\$1.320000							\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000							\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000							\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000							\$0.000	0.00%	
Electric Generator Revenue				\$0.000000							\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000							\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000							\$0.000	0.00%	
Tax Reform				\$0.000000							\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000							\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000							\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000259							\$0.000	9.13%	
Demand Capacity Surcharge Mechanism				\$0.022684							\$0.019	85.82%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000							\$0.007	0.00%	
Clean Energy Fund				\$0.000000							\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000							\$0.000	0.00%	
Monthly Cost of Gas				\$0.270072							\$0.000	0.00%	
Merchant Function Charge				\$0.006345							\$0.000	0.00%	
GRT on Delivery				1.010000%							\$0.000	0.00%	
GRT on Supply				1.010000%							\$0.000	0.00%	
MTA on Delivery				0.185000%							\$0.000	0.00%	
MTA on Supply				0.185000%							\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 16 -Non Residential Year-Round Space Conditioning Service
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
Therm Usage												
0	\$234.52	\$234.52	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$234.52	\$234.52	\$0.00	0.00%
10	\$247.00	\$247.34	\$0.34	0.14%	\$3.15	\$3.15	\$0.00	0.00%	\$250.15	\$250.49	\$0.34	0.13%
100	\$406.56	\$410.18	\$3.61	0.89%	\$31.50	\$31.50	\$0.00	0.00%	\$438.07	\$441.68	\$3.61	0.82%
500	\$1,115.73	\$1,133.90	\$18.17	1.63%	\$157.50	\$157.50	\$0.00	0.00%	\$1,273.23	\$1,291.40	\$18.17	1.43%
1,000	\$1,277.71	\$1,310.23	\$32.52	2.55%	\$315.01	\$315.01	\$0.00	0.00%	\$1,592.72	\$1,625.24	\$32.52	2.04%
5,000	\$2,573.57	\$2,720.92	\$147.34	5.73%	\$1,575.03	\$1,575.03	\$0.00	0.00%	\$4,148.61	\$4,295.95	\$147.34	3.55%
10,000	\$4,193.40	\$4,484.27	\$290.87	6.94%	\$3,150.07	\$3,150.07	\$0.00	0.00%	\$7,343.47	\$7,634.34	\$290.87	3.96%
15,000	\$5,813.23	\$6,247.63	\$434.40	7.47%	\$4,725.10	\$4,725.10	\$0.00	0.00%	\$10,538.33	\$10,972.73	\$434.40	4.12%
20,000	\$7,433.06	\$8,010.99	\$577.93	7.78%	\$6,300.14	\$6,300.14	\$0.00	0.00%	\$13,733.20	\$14,311.12	\$577.93	4.21%
25,000	\$9,052.89	\$9,774.35	\$721.45	7.97%	\$7,875.17	\$7,875.17	\$0.00	0.00%	\$16,928.06	\$17,649.52	\$721.45	4.26%
30,000	\$10,672.72	\$11,537.70	\$864.98	8.10%	\$9,450.20	\$9,450.20	\$0.00	0.00%	\$20,122.93	\$20,987.91	\$864.98	4.30%
35,000	\$12,292.55	\$13,301.06	\$1,008.51	8.20%	\$11,025.24	\$11,025.24	\$0.00	0.00%	\$23,317.79	\$24,326.30	\$1,008.51	4.33%
40,000	\$13,912.38	\$15,064.42	\$1,152.03	8.28%	\$12,600.27	\$12,600.27	\$0.00	0.00%	\$26,512.65	\$27,664.69	\$1,152.03	4.35%
Average	\$15,833.82	\$17,156.11	\$1,322.29	8.35%	\$14,468.58	\$14,468.58	\$0.00	0.00%	\$30,302.40	\$31,624.69	\$1,322.29	4.36%
50,000	\$17,152.04	\$18,591.13	\$1,439.09	8.39%	\$15,750.34	\$15,750.34	\$0.00	0.00%	\$32,902.38	\$34,341.47	\$1,439.09	4.37%
55,000	\$18,771.87	\$20,354.49	\$1,582.62	8.43%	\$17,325.37	\$17,325.37	\$0.00	0.00%	\$36,097.25	\$37,679.86	\$1,582.62	4.38%
60,000	\$20,391.70	\$22,117.84	\$1,726.14	8.46%	\$18,900.41	\$18,900.41	\$0.00	0.00%	\$39,292.11	\$41,018.25	\$1,726.14	4.39%
65,000	\$22,011.53	\$23,881.20	\$1,869.67	8.49%	\$20,475.44	\$20,475.44	\$0.00	0.00%	\$42,486.97	\$44,356.64	\$1,869.67	4.40%
70,000	\$23,631.36	\$25,644.56	\$2,013.20	8.52%	\$22,050.48	\$22,050.48	\$0.00	0.00%	\$45,681.84	\$47,695.03	\$2,013.20	4.41%
75,000	\$25,251.19	\$27,407.91	\$2,156.72	8.54%	\$23,625.51	\$23,625.51	\$0.00	0.00%	\$48,876.70	\$51,033.43	\$2,156.72	4.41%
80,000	\$26,871.02	\$29,171.27	\$2,300.25	8.56%	\$25,200.54	\$25,200.54	\$0.00	0.00%	\$52,071.57	\$54,371.82	\$2,300.25	4.42%
85,000	\$28,490.85	\$30,934.63	\$2,443.78	8.58%	\$26,775.58	\$26,775.58	\$0.00	0.00%	\$55,266.43	\$57,710.21	\$2,443.78	4.42%
90,000	\$30,110.68	\$32,697.99	\$2,587.31	8.59%	\$28,350.61	\$28,350.61	\$0.00	0.00%	\$58,461.29	\$61,048.60	\$2,587.31	4.43%
95,000	\$31,730.51	\$34,461.34	\$2,730.83	8.61%	\$29,925.65	\$29,925.65	\$0.00	0.00%	\$61,656.16	\$64,386.99	\$2,730.83	4.43%
100,000	\$33,350.34	\$36,224.70	\$2,874.36	8.62%	\$31,500.68	\$31,500.68	\$0.00	0.00%	\$64,851.02	\$67,725.38	\$2,874.36	4.43%
105,000	\$34,970.17	\$37,988.06	\$3,017.89	8.63%	\$33,075.72	\$33,075.72	\$0.00	0.00%	\$68,045.88	\$71,063.77	\$3,017.89	4.44%
110,000	\$36,590.00	\$39,751.41	\$3,161.41	8.64%	\$34,650.75	\$34,650.75	\$0.00	0.00%	\$71,240.75	\$74,402.16	\$3,161.41	4.44%
115,000	\$38,209.83	\$41,514.77	\$3,304.94	8.65%	\$36,225.78	\$36,225.78	\$0.00	0.00%	\$74,435.61	\$77,740.55	\$3,304.94	4.44%
120,000	\$39,829.66	\$43,278.13	\$3,448.47	8.66%	\$37,800.82	\$37,800.82	\$0.00	0.00%	\$77,630.48	\$81,078.94	\$3,448.47	4.44%
125,000	\$41,449.49	\$45,041.48	\$3,592.00	8.67%	\$39,375.85	\$39,375.85	\$0.00	0.00%	\$80,825.34	\$84,417.34	\$3,592.00	4.44%
130,000	\$43,069.32	\$46,804.84	\$3,735.52	8.67%	\$40,950.89	\$40,950.89	\$0.00	0.00%	\$84,020.20	\$87,755.73	\$3,735.52	4.45%
135,000	\$44,689.15	\$48,568.20	\$3,879.05	8.68%	\$42,525.92	\$42,525.92	\$0.00	0.00%	\$87,215.07	\$91,094.12	\$3,879.05	4.45%
140,000	\$46,308.98	\$50,331.56	\$4,022.58	8.69%	\$44,100.95	\$44,100.95	\$0.00	0.00%	\$90,409.93	\$94,432.51	\$4,022.58	4.45%
FY 23					Stayout Period						Difference	Change
First 3 therms				\$230.43				\$230.43			\$0.00	0.00%
Next 497 therms				\$1,728,000				\$1,737,200			\$0,009	0.53%
Over 500 therms				\$0,296,200				\$0,297,800			\$0,002	0.54%
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0,000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Leak Prone Pipe Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Revenue Decoupling Mechanism				\$0,000,000				\$0,000,000			\$0,000	0.00%
Electric Generator Revenue				\$0,000,000				\$0,000,000			\$0,000	0.00%
TC/IT Revenue Surcharge / Credit				\$0,000,000				\$0,000,000			\$0,000	0.00%
Gas Safety and Reliability Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Tax Reform				\$0,000,000				\$0,000,000			\$0,000	0.00%
NY Facilities System Surcharge / Surcredit				\$0,000,000				\$0,000,000			\$0,000	0.00%
Earning Adjustment Mechanism				\$0,000,000				\$0,000,000			\$0,000	0.00%
Non Labor Demand Response O&M Cost				\$0,000,304				\$0,000,346			\$0,000	13.88%
Demand Capacity Surcharge Mechanism				\$0,023,630				\$0,043,238			\$0,020	82.97%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0,000,000				\$0,007,117			\$0,007	0.00%
Clean Energy Fund				\$0,000,000				\$0,000,000			\$0,000	0.00%
Energy Efficiency Surcharge				\$0,000,000				\$0,000,000			\$0,000	0.00%
Monthly Cost of Gas				\$0,304,589				\$0,304,589			\$0,000	0.00%
Merchant Function Charge				\$0,006,692				\$0,006,692			\$0,000	0.00%
GRT on Delivery				1.010000%				1.010000%			\$0,000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0,000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0,000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0,000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 9 - Uncompressed Natural Gas Vehicle Service
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total			
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change
Therm Usage												
0	\$39.79	\$39.79	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$39.79	\$39.79	\$0.00	0.00%
3	\$39.85	\$39.93	\$0.07	0.19%	\$0.76	\$0.76	\$0.00	0.00%	\$40.61	\$40.69	\$0.07	0.18%
10	\$44.36	\$44.63	\$0.27	0.61%	\$2.53	\$2.53	\$0.00	0.00%	\$46.89	\$47.16	\$0.27	0.57%
100	\$102.31	\$105.09	\$2.78	2.71%	\$25.25	\$25.25	\$0.00	0.00%	\$127.56	\$130.34	\$2.78	2.18%
1,000	\$681.81	\$709.65	\$27.84	4.08%	\$252.53	\$252.53	\$0.00	0.00%	\$934.34	\$962.18	\$27.84	2.98%
5,000	\$3,257.35	\$3,396.60	\$139.24	4.27%	\$1,262.65	\$1,262.65	\$0.00	0.00%	\$4,520.00	\$4,659.24	\$139.24	3.08%
10,000	\$6,476.78	\$6,755.28	\$278.50	4.30%	\$2,525.29	\$2,525.29	\$0.00	0.00%	\$9,002.08	\$9,280.57	\$278.50	3.09%
20,000	\$12,915.64	\$13,472.65	\$557.00	4.31%	\$5,050.59	\$5,050.59	\$0.00	0.00%	\$17,966.23	\$18,523.23	\$557.00	3.10%
22,000	\$14,203.42	\$14,816.12	\$612.70	4.31%	\$5,555.65	\$5,555.65	\$0.00	0.00%	\$19,759.06	\$20,371.77	\$612.70	3.10%
24,000	\$15,491.19	\$16,159.59	\$668.40	4.31%	\$6,060.71	\$6,060.71	\$0.00	0.00%	\$21,551.89	\$22,220.30	\$668.40	3.10%
26,000	\$16,778.96	\$17,503.07	\$724.11	4.32%	\$6,565.77	\$6,565.77	\$0.00	0.00%	\$23,344.73	\$24,068.83	\$724.11	3.10%
Average	\$18,892.84	\$19,708.38	\$815.54	4.32%	\$7,394.82	\$7,394.82	\$0.00	0.00%	\$26,287.66	\$27,103.20	\$815.54	3.10%
30,000	\$19,354.50	\$20,190.01	\$835.51	4.32%	\$7,575.88	\$7,575.88	\$0.00	0.00%	\$26,930.39	\$27,765.89	\$835.51	3.10%
35,000	\$22,573.93	\$23,548.69	\$974.76	4.32%	\$8,838.53	\$8,838.53	\$0.00	0.00%	\$31,412.47	\$32,387.23	\$974.76	3.10%
40,000	\$25,793.37	\$26,907.38	\$1,114.01	4.32%	\$10,101.18	\$10,101.18	\$0.00	0.00%	\$35,894.54	\$37,008.56	\$1,114.01	3.10%
36,000	\$23,217.82	\$24,220.43	\$1,002.61	4.32%	\$9,091.06	\$9,091.06	\$0.00	0.00%	\$32,308.88	\$33,311.49	\$1,002.61	3.10%
38,000	\$24,505.59	\$25,563.90	\$1,058.31	4.32%	\$9,596.12	\$9,596.12	\$0.00	0.00%	\$34,101.71	\$35,160.02	\$1,058.31	3.10%
40,000	\$25,793.37	\$26,907.38	\$1,114.01	4.32%	\$10,101.18	\$10,101.18	\$0.00	0.00%	\$35,894.54	\$37,008.56	\$1,114.01	3.10%
42,000	\$27,081.14	\$28,250.85	\$1,169.71	4.32%	\$10,606.24	\$10,606.24	\$0.00	0.00%	\$37,687.37	\$38,857.09	\$1,169.71	3.10%
44,000	\$28,368.91	\$29,594.32	\$1,225.42	4.32%	\$11,111.30	\$11,111.30	\$0.00	0.00%	\$39,480.20	\$40,705.62	\$1,225.42	3.10%
46,000	\$29,656.68	\$30,937.80	\$1,281.12	4.32%	\$11,616.35	\$11,616.35	\$0.00	0.00%	\$41,273.04	\$42,554.15	\$1,281.12	3.10%
48,000	\$30,944.45	\$32,281.27	\$1,336.82	4.32%	\$12,121.41	\$12,121.41	\$0.00	0.00%	\$43,065.87	\$44,402.68	\$1,336.82	3.10%
50,000	\$32,232.23	\$33,624.74	\$1,392.52	4.32%	\$12,626.47	\$12,626.47	\$0.00	0.00%	\$44,858.70	\$46,251.22	\$1,392.52	3.10%
52,000	\$33,520.00	\$34,968.22	\$1,448.22	4.32%	\$13,131.53	\$13,131.53	\$0.00	0.00%	\$46,651.53	\$48,099.75	\$1,448.22	3.10%
54,000	\$34,807.77	\$36,311.69	\$1,503.92	4.32%	\$13,636.59	\$13,636.59	\$0.00	0.00%	\$48,444.36	\$49,948.28	\$1,503.92	3.10%
56,000	\$36,095.54	\$37,655.16	\$1,559.62	4.32%	\$14,141.65	\$14,141.65	\$0.00	0.00%	\$50,237.19	\$51,796.81	\$1,559.62	3.10%
58,000	\$37,383.31	\$38,998.64	\$1,615.32	4.32%	\$14,646.71	\$14,646.71	\$0.00	0.00%	\$52,030.02	\$53,645.34	\$1,615.32	3.10%
60,000	\$38,671.09	\$40,342.11	\$1,671.02	4.32%	\$15,151.77	\$15,151.77	\$0.00	0.00%	\$53,822.85	\$55,493.88	\$1,671.02	3.10%
65,000	\$41,890.52	\$43,700.79	\$1,810.28	4.32%	\$16,414.41	\$16,414.41	\$0.00	0.00%	\$58,304.93	\$60,115.21	\$1,810.28	3.10%
70,000	\$45,109.95	\$47,059.48	\$1,949.53	4.32%	\$17,677.06	\$17,677.06	\$0.00	0.00%	\$62,787.01	\$64,736.54	\$1,949.53	3.10%
75,000	\$48,329.38	\$50,418.16	\$2,088.78	4.32%	\$18,939.71	\$18,939.71	\$0.00	0.00%	\$67,269.08	\$69,357.87	\$2,088.78	3.11%
80,000	\$51,548.81	\$53,776.84	\$2,228.04	4.32%	\$20,202.35	\$20,202.35	\$0.00	0.00%	\$71,751.16	\$73,979.20	\$2,228.04	3.11%
85,000	\$54,768.24	\$57,135.53	\$2,367.29	4.32%	\$21,465.00	\$21,465.00	\$0.00	0.00%	\$76,233.24	\$78,600.53	\$2,367.29	3.11%
FY 23					Stayout Period						Difference	Change
First 3 therms				\$38.00				\$38.00			\$0.00	0.00%
Over 3 therms				\$0.615200				\$0.618400			\$0.003	0.52%
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%
Non Labor Demand Response O&M Cost				\$0.000175				\$0.000200			\$0.000	13.88%
Demand Capacity Surcharge Mechanism				\$0.020896				\$0.040713			\$0.020	94.84%
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.004480			\$0.004	0.00%
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
Monthly Cost of Gas				\$0.243466				\$0.243466			\$0.000	0.00%
Merchant Function Charge				\$0.006077				\$0.006077			\$0.000	0.00%
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (April - October)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$184.11	\$184.11	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$184.11	\$184.11	\$0.00	0.00%	
10	\$184.34	\$184.54	\$0.20	0.11%	\$3.92	\$3.92	\$0.00	0.00%	\$188.27	\$188.47	\$0.20	0.11%	
50	\$191.41	\$192.45	\$1.04	0.54%	\$19.62	\$19.62	\$0.00	0.00%	\$211.03	\$212.07	\$1.04	0.49%	
100	\$200.24	\$202.33	\$2.09	1.05%	\$39.24	\$39.24	\$0.00	0.00%	\$239.48	\$241.58	\$2.09	0.87%	
200	\$217.91	\$222.10	\$4.20	1.93%	\$78.49	\$78.49	\$0.00	0.00%	\$296.39	\$300.59	\$4.20	1.42%	
300	\$235.57	\$241.87	\$6.30	2.68%	\$117.73	\$117.73	\$0.00	0.00%	\$353.30	\$359.60	\$6.30	1.78%	
400	\$253.24	\$261.64	\$8.41	3.32%	\$156.97	\$156.97	\$0.00	0.00%	\$410.21	\$418.61	\$8.41	2.05%	
500	\$270.90	\$281.41	\$10.51	3.88%	\$196.21	\$196.21	\$0.00	0.00%	\$467.12	\$477.63	\$10.51	2.25%	
1,000	\$359.23	\$380.26	\$21.03	5.85%	\$392.43	\$392.43	\$0.00	0.00%	\$751.66	\$772.69	\$21.03	2.80%	
1,500	\$447.56	\$479.11	\$31.55	7.05%	\$588.64	\$588.64	\$0.00	0.00%	\$1,036.20	\$1,067.75	\$31.55	3.05%	
2,000	\$535.88	\$577.96	\$42.08	7.85%	\$784.86	\$784.86	\$0.00	0.00%	\$1,320.74	\$1,362.81	\$42.08	3.19%	
3,000	\$712.53	\$775.65	\$63.12	8.86%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$1,889.82	\$1,952.94	\$63.12	3.34%	
Average	3,479	\$797.15	\$870.35	\$73.20	9.18%	\$1,365.26	\$1,365.26	\$0.00	0.00%	\$2,162.41	\$2,235.61	\$73.20	3.39%
3,500	\$800.86	\$874.50	\$73.64	9.20%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$2,174.36	\$2,248.00	\$73.64	3.39%	
4,000	\$889.19	\$973.35	\$84.16	9.46%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$2,458.90	\$2,543.06	\$84.16	3.42%	
4,500	\$977.51	\$1,072.20	\$94.68	9.69%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$2,743.44	\$2,838.12	\$94.68	3.45%	
5,000	\$1,065.84	\$1,171.04	\$105.20	9.87%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,027.98	\$3,133.19	\$105.20	3.47%	
5,500	\$1,154.17	\$1,269.89	\$115.73	10.03%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$3,312.52	\$3,428.25	\$115.73	3.49%	
6,000	\$1,242.49	\$1,368.74	\$126.25	10.16%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$3,597.06	\$3,723.31	\$126.25	3.51%	
6,500	\$1,330.82	\$1,467.59	\$136.77	10.28%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$3,881.60	\$4,018.37	\$136.77	3.52%	
7,000	\$1,419.15	\$1,566.44	\$147.29	10.38%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$4,166.14	\$4,313.43	\$147.29	3.54%	
7,500	\$1,507.47	\$1,665.28	\$157.81	10.47%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$4,450.68	\$4,608.50	\$157.81	3.55%	
8,000	\$1,595.80	\$1,764.13	\$168.33	10.55%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$4,735.22	\$4,903.56	\$168.33	3.55%	
8,500	\$1,684.12	\$1,862.98	\$178.86	10.62%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$5,019.76	\$5,198.62	\$178.86	3.56%	
9,000	\$1,772.45	\$1,961.83	\$189.38	10.68%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$5,304.30	\$5,493.68	\$189.38	3.57%	
9,500	\$1,860.78	\$2,060.68	\$199.90	10.74%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$5,588.84	\$5,788.74	\$199.90	3.58%	
10,000	\$1,949.10	\$2,159.52	\$210.42	10.80%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$5,873.38	\$6,083.81	\$210.42	3.58%	
10,500	\$2,037.43	\$2,258.37	\$220.94	10.84%	\$4,120.49	\$4,120.49	\$0.00	0.00%	\$6,157.93	\$6,378.87	\$220.94	3.59%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$180.61				\$180.61			\$0.00	0.00%	
Over 10 therms				\$0.151300				\$0.152400			\$0.001	0.73%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000274				\$0.000312			\$0.000	13.88%	
Demand Capacity Surcharge Mechanism				\$0.022990				\$0.042646			\$0.020	85.50%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 1 - less than 1MW (November - March)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$184.11	\$184.11	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$184.11	\$184.11	\$0.00	0.00%	
10	\$184.34	\$184.54	\$0.20	0.11%	\$3.92	\$3.92	\$0.00	0.00%	\$188.27	\$188.47	\$0.20	0.11%	
50	\$193.15	\$194.21	\$1.06	0.55%	\$19.62	\$19.62	\$0.00	0.00%	\$212.77	\$213.83	\$1.06	0.50%	
100	\$204.16	\$206.29	\$2.13	1.04%	\$39.24	\$39.24	\$0.00	0.00%	\$243.40	\$245.53	\$2.13	0.87%	
200	\$226.17	\$230.45	\$4.27	1.89%	\$78.49	\$78.49	\$0.00	0.00%	\$304.66	\$308.93	\$4.27	1.40%	
300	\$248.19	\$254.61	\$6.42	2.59%	\$117.73	\$117.73	\$0.00	0.00%	\$365.92	\$372.34	\$6.42	1.75%	
400	\$270.21	\$278.77	\$8.56	3.17%	\$156.97	\$156.97	\$0.00	0.00%	\$427.18	\$435.74	\$8.56	2.00%	
500	\$292.22	\$302.93	\$10.71	3.66%	\$196.21	\$196.21	\$0.00	0.00%	\$488.44	\$499.15	\$10.71	2.19%	
1,000	\$402.31	\$423.74	\$21.43	5.33%	\$392.43	\$392.43	\$0.00	0.00%	\$794.74	\$816.17	\$21.43	2.70%	
1,500	\$512.39	\$544.55	\$32.16	6.28%	\$588.64	\$588.64	\$0.00	0.00%	\$1,101.03	\$1,133.19	\$32.16	2.92%	
2,000	\$622.48	\$665.36	\$42.88	6.89%	\$784.86	\$784.86	\$0.00	0.00%	\$1,407.33	\$1,450.21	\$42.88	3.05%	
3,000	\$842.64	\$906.97	\$64.33	7.63%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,019.93	\$2,084.26	\$64.33	3.18%	
Average	3,479	\$948.10	\$1,022.71	\$74.60	7.87%	\$1,365.26	\$1,365.26	\$0.00	0.00%	\$2,313.36	\$2,387.96	\$74.60	3.22%
3,500	\$952.73	\$1,027.78	\$75.05	7.88%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$2,326.23	\$2,401.28	\$75.05	3.23%	
4,000	\$1,062.81	\$1,148.59	\$85.78	8.07%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$2,632.52	\$2,718.30	\$85.78	3.26%	
4,500	\$1,172.89	\$1,269.40	\$96.50	8.23%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$2,938.82	\$3,035.32	\$96.50	3.28%	
5,000	\$1,282.98	\$1,390.20	\$107.22	8.36%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,245.12	\$3,352.34	\$107.22	3.30%	
5,500	\$1,393.06	\$1,511.01	\$117.95	8.47%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$3,551.42	\$3,669.36	\$117.95	3.32%	
6,000	\$1,503.15	\$1,631.82	\$128.67	8.56%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$3,857.71	\$3,986.39	\$128.67	3.34%	
6,500	\$1,613.23	\$1,752.63	\$139.40	8.64%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$4,164.01	\$4,303.41	\$139.40	3.35%	
7,000	\$1,723.31	\$1,873.43	\$150.12	8.71%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$4,470.31	\$4,620.43	\$150.12	3.36%	
7,500	\$1,833.40	\$1,994.24	\$160.84	8.77%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$4,776.61	\$4,937.45	\$160.84	3.37%	
8,000	\$1,943.48	\$2,115.05	\$171.57	8.83%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$5,082.91	\$5,254.47	\$171.57	3.38%	
8,500	\$2,053.56	\$2,235.86	\$182.29	8.88%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$5,389.20	\$5,571.50	\$182.29	3.38%	
9,000	\$2,163.65	\$2,356.66	\$193.02	8.92%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$5,695.50	\$5,888.52	\$193.02	3.39%	
9,500	\$2,273.73	\$2,477.47	\$203.74	8.96%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$6,001.80	\$6,205.54	\$203.74	3.39%	
10,000	\$2,383.82	\$2,598.28	\$214.46	9.00%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$6,308.10	\$6,522.56	\$214.46	3.40%	
10,500	\$2,493.90	\$2,719.09	\$225.19	9.03%	\$4,120.49	\$4,120.49	\$0.00	0.00%	\$6,614.39	\$6,839.58	\$225.19	3.40%	
FY 23						Stayout Period					Difference	Change	
First 10 therms				\$180.61				\$180.61			\$0.00	0.00%	
Over 10 therms				\$0.194300				\$0.195800			\$0.002	0.77%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000274				\$0.000312			\$0.000	13.88%	
Demand Capacity Surcharge Mechanism				\$0.022990				\$0.042646			\$0.020	85.50%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (April - October)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$333.48	\$333.48	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$333.48	\$333.48	\$0.00	0.00%	
10	\$333.72	\$333.92	\$0.20	0.06%	\$3.92	\$3.92	\$0.00	0.00%	\$337.64	\$337.84	\$0.20	0.06%	
50	\$340.79	\$341.83	\$1.04	0.31%	\$19.62	\$19.62	\$0.00	0.00%	\$360.41	\$361.45	\$1.04	0.29%	
100	\$349.62	\$351.71	\$2.09	0.60%	\$39.24	\$39.24	\$0.00	0.00%	\$388.86	\$390.95	\$2.09	0.54%	
200	\$367.28	\$371.48	\$4.20	1.14%	\$78.49	\$78.49	\$0.00	0.00%	\$445.77	\$449.97	\$4.20	0.94%	
300	\$384.95	\$391.25	\$6.30	1.64%	\$117.73	\$117.73	\$0.00	0.00%	\$502.68	\$508.98	\$6.30	1.25%	
400	\$402.61	\$411.02	\$8.41	2.09%	\$156.97	\$156.97	\$0.00	0.00%	\$559.59	\$567.99	\$8.41	1.50%	
500	\$420.28	\$430.79	\$10.51	2.50%	\$196.21	\$196.21	\$0.00	0.00%	\$616.49	\$627.00	\$10.51	1.70%	
1,000	\$508.61	\$529.64	\$21.03	4.14%	\$392.43	\$392.43	\$0.00	0.00%	\$901.03	\$922.07	\$21.03	2.33%	
1,500	\$596.93	\$628.49	\$31.55	5.29%	\$588.64	\$588.64	\$0.00	0.00%	\$1,185.57	\$1,217.13	\$31.55	2.66%	
2,000	\$685.26	\$727.33	\$42.08	6.14%	\$784.86	\$784.86	\$0.00	0.00%	\$1,470.11	\$1,512.19	\$42.08	2.86%	
3,000	\$861.91	\$925.03	\$63.12	7.32%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,039.20	\$2,102.31	\$63.12	3.10%	
Average	3,479	\$946.53	\$1,019.73	\$73.20	7.73%	\$1,365.26	\$1,365.26	\$0.00	0.00%	\$2,311.79	\$2,384.98	\$73.20	3.17%
3,500	\$950.24	\$1,023.88	\$73.64	7.75%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$2,323.74	\$2,397.38	\$73.64	3.17%	
4,000	\$1,038.56	\$1,122.73	\$84.16	8.10%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$2,608.28	\$2,692.44	\$84.16	3.23%	
4,500	\$1,126.89	\$1,221.57	\$94.68	8.40%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$2,892.82	\$2,987.50	\$94.68	3.27%	
5,000	\$1,215.22	\$1,320.42	\$105.20	8.66%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,177.36	\$3,282.56	\$105.20	3.31%	
5,500	\$1,303.54	\$1,419.27	\$115.73	8.88%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$3,461.90	\$3,577.62	\$115.73	3.34%	
6,000	\$1,391.87	\$1,518.12	\$126.25	9.07%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$3,746.44	\$3,872.69	\$126.25	3.37%	
6,500	\$1,480.20	\$1,616.97	\$136.77	9.24%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$4,030.98	\$4,167.75	\$136.77	3.39%	
7,000	\$1,568.52	\$1,715.81	\$147.29	9.39%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$4,315.52	\$4,462.81	\$147.29	3.41%	
7,500	\$1,656.85	\$1,814.66	\$157.81	9.52%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$4,600.06	\$4,757.87	\$157.81	3.43%	
8,000	\$1,745.18	\$1,913.51	\$168.33	9.65%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$4,884.60	\$5,052.93	\$168.33	3.45%	
8,500	\$1,833.50	\$2,012.36	\$178.86	9.75%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$5,169.14	\$5,348.00	\$178.86	3.46%	
9,000	\$1,921.83	\$2,111.21	\$189.38	9.85%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$5,453.68	\$5,643.06	\$189.38	3.47%	
9,500	\$2,010.15	\$2,210.05	\$199.90	9.94%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$5,738.22	\$5,938.12	\$199.90	3.48%	
10,000	\$2,098.48	\$2,308.90	\$210.42	10.03%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$6,022.76	\$6,233.18	\$210.42	3.49%	
10,500	\$2,186.81	\$2,407.75	\$220.94	10.10%	\$4,120.49	\$4,120.49	\$0.00	0.00%	\$6,307.30	\$6,528.24	\$220.94	3.50%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$328.22				\$328.22			\$0.00	0.00%	
Over 10 therms				\$0.151300				\$0.152400			\$0.001	0.73%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000274				\$0.000312			\$0.000	13.88%	
Demand Capacity Surcharge Mechanism				\$0.022990				\$0.042646			\$0.020	85.50%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 2 - equal to or greater than 1MW but less than 5MW (November - March)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$333.48	\$333.48	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$333.48	\$333.48	\$0.00	0.00%	
10	\$333.72	\$333.92	\$0.20	0.06%	\$3.92	\$3.92	\$0.00	0.00%	\$337.64	\$337.84	\$0.20	0.06%	
50	\$342.53	\$343.58	\$1.06	0.31%	\$19.62	\$19.62	\$0.00	0.00%	\$362.15	\$363.20	\$1.06	0.29%	
100	\$353.53	\$355.66	\$2.13	0.60%	\$39.24	\$39.24	\$0.00	0.00%	\$392.78	\$394.91	\$2.13	0.54%	
200	\$375.55	\$379.83	\$4.27	1.14%	\$78.49	\$78.49	\$0.00	0.00%	\$454.04	\$458.31	\$4.27	0.94%	
300	\$397.57	\$403.99	\$6.42	1.61%	\$117.73	\$117.73	\$0.00	0.00%	\$515.30	\$521.72	\$6.42	1.25%	
400	\$419.58	\$428.15	\$8.56	2.04%	\$156.97	\$156.97	\$0.00	0.00%	\$576.56	\$585.12	\$8.56	1.49%	
500	\$441.60	\$452.31	\$10.71	2.42%	\$196.21	\$196.21	\$0.00	0.00%	\$637.82	\$648.52	\$10.71	1.68%	
1,000	\$551.69	\$573.12	\$21.43	3.88%	\$392.43	\$392.43	\$0.00	0.00%	\$944.11	\$965.55	\$21.43	2.27%	
1,500	\$661.77	\$693.93	\$32.16	4.86%	\$588.64	\$588.64	\$0.00	0.00%	\$1,250.41	\$1,282.57	\$32.16	2.57%	
2,000	\$771.85	\$814.73	\$42.88	5.56%	\$784.86	\$784.86	\$0.00	0.00%	\$1,556.71	\$1,599.59	\$42.88	2.75%	
3,000	\$992.02	\$1,056.35	\$64.33	6.48%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$2,169.30	\$2,233.63	\$64.33	2.97%	
Average	3,479	\$1,097.48	\$1,172.08	\$74.60	6.80%	\$1,365.26	\$1,365.26	\$0.00	0.00%	\$2,462.74	\$2,537.34	\$74.60	3.03%
3,500	\$1,102.10	\$1,177.16	\$75.05	6.81%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$2,475.60	\$2,550.65	\$75.05	3.03%	
4,000	\$1,212.19	\$1,297.96	\$85.78	7.08%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$2,781.90	\$2,867.68	\$85.78	3.08%	
4,500	\$1,322.27	\$1,418.77	\$96.50	7.30%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$3,088.20	\$3,184.70	\$96.50	3.12%	
5,000	\$1,432.36	\$1,539.58	\$107.22	7.49%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$3,394.50	\$3,501.72	\$107.22	3.16%	
5,500	\$1,542.44	\$1,660.39	\$117.95	7.65%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$3,700.79	\$3,818.74	\$117.95	3.19%	
6,000	\$1,652.52	\$1,781.20	\$128.67	7.79%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$4,007.09	\$4,135.76	\$128.67	3.21%	
6,500	\$1,762.61	\$1,902.00	\$139.40	7.91%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$4,313.39	\$4,452.79	\$139.40	3.23%	
7,000	\$1,872.69	\$2,022.81	\$150.12	8.02%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$4,619.69	\$4,769.81	\$150.12	3.25%	
7,500	\$1,982.77	\$2,143.62	\$160.84	8.11%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$4,925.98	\$5,086.83	\$160.84	3.27%	
8,000	\$2,092.86	\$2,264.43	\$171.57	8.20%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$5,232.28	\$5,403.85	\$171.57	3.28%	
8,500	\$2,202.94	\$2,385.23	\$182.29	8.27%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$5,538.58	\$5,720.87	\$182.29	3.29%	
9,000	\$2,313.02	\$2,506.04	\$193.02	8.34%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$5,844.88	\$6,037.89	\$193.02	3.30%	
9,500	\$2,423.11	\$2,626.85	\$203.74	8.41%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$6,151.18	\$6,354.92	\$203.74	3.31%	
10,000	\$2,533.19	\$2,747.66	\$214.46	8.47%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$6,457.47	\$6,671.94	\$214.46	3.32%	
10,500	\$2,643.28	\$2,868.46	\$225.19	8.52%	\$4,120.49	\$4,120.49	\$0.00	0.00%	\$6,763.77	\$6,988.96	\$225.19	3.33%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$328.22				\$328.22			\$0.00	0.00%	
Over 10 therms				\$0.194300				\$0.195800			\$0.002	0.77%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000274				\$0.000312			\$0.000	13.88%	
Demand Capacity Surcharge Mechanism				\$0.022990				\$0.042646			\$0.020	85.50%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 3 - equal to or greater than 5 MW but less than 50 MW (April - October)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$95,864.47	\$95,864.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$95,864.47	\$95,864.47	\$0.00	0.00%	
10	\$95,864.71	\$95,864.91	\$0.20	0.00%	\$3.92	\$3.92	\$0.00	0.00%	\$95,868.63	\$95,868.83	\$0.20	0.00%	
50	\$95,867.17	\$95,868.18	\$1.01	0.00%	\$19.62	\$19.62	\$0.00	0.00%	\$95,886.79	\$95,887.80	\$1.01	0.00%	
100	\$95,870.24	\$95,872.26	\$2.02	0.00%	\$39.24	\$39.24	\$0.00	0.00%	\$95,909.48	\$95,911.50	\$2.02	0.00%	
200	\$95,876.39	\$95,880.43	\$4.04	0.00%	\$78.49	\$78.49	\$0.00	0.00%	\$95,954.88	\$95,958.92	\$4.04	0.00%	
300	\$95,882.54	\$95,888.61	\$6.07	0.01%	\$117.73	\$117.73	\$0.00	0.00%	\$96,000.27	\$96,006.33	\$6.07	0.01%	
400	\$95,888.69	\$95,896.78	\$8.09	0.01%	\$156.97	\$156.97	\$0.00	0.00%	\$96,045.66	\$96,053.75	\$8.09	0.01%	
500	\$95,894.84	\$95,904.95	\$10.11	0.01%	\$196.21	\$196.21	\$0.00	0.00%	\$96,091.05	\$96,101.17	\$10.11	0.01%	
1,000	\$95,925.58	\$95,945.81	\$20.23	0.02%	\$392.43	\$392.43	\$0.00	0.00%	\$96,318.01	\$96,338.24	\$20.23	0.02%	
1,500	\$95,956.33	\$95,986.68	\$30.35	0.03%	\$588.64	\$588.64	\$0.00	0.00%	\$96,544.97	\$96,575.32	\$30.35	0.03%	
2,000	\$95,987.07	\$96,027.54	\$40.46	0.04%	\$784.86	\$784.86	\$0.00	0.00%	\$96,771.93	\$96,812.39	\$40.46	0.04%	
3,000	\$96,048.56	\$96,109.26	\$60.70	0.06%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$97,225.85	\$97,286.55	\$60.70	0.06%	
Average	3,479	\$96,078.02	\$96,148.41	\$70.39	0.07%	\$1,365.26	\$1,365.26	\$0.00	0.00%	\$97,443.28	\$97,513.67	\$70.39	0.07%
3,500	\$96,079.31	\$96,150.12	\$70.81	0.07%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$97,452.81	\$97,523.62	\$70.81	0.07%	
4,000	\$96,110.06	\$96,190.99	\$80.93	0.08%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$97,679.77	\$97,760.70	\$80.93	0.08%	
4,500	\$96,140.80	\$96,231.85	\$91.05	0.09%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$97,906.73	\$97,997.77	\$91.05	0.09%	
5,000	\$96,171.55	\$96,272.71	\$101.16	0.11%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$98,133.69	\$98,234.85	\$101.16	0.10%	
5,500	\$96,202.29	\$96,313.57	\$111.28	0.12%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$98,360.65	\$98,471.93	\$111.28	0.11%	
6,000	\$96,233.04	\$96,354.43	\$121.40	0.13%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$98,587.60	\$98,709.00	\$121.40	0.12%	
6,500	\$96,263.78	\$96,395.30	\$131.52	0.14%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$98,814.56	\$98,946.08	\$131.52	0.13%	
7,000	\$96,294.53	\$96,436.16	\$141.63	0.15%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$99,041.52	\$99,183.16	\$141.63	0.14%	
7,500	\$96,325.27	\$96,477.02	\$151.75	0.16%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$99,268.48	\$99,420.23	\$151.75	0.15%	
8,000	\$96,356.02	\$96,517.88	\$161.87	0.17%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$99,495.44	\$99,657.31	\$161.87	0.16%	
8,500	\$96,386.76	\$96,558.75	\$171.98	0.18%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$99,722.40	\$99,894.38	\$171.98	0.17%	
9,000	\$96,417.51	\$96,599.61	\$182.10	0.19%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$99,949.36	\$100,131.46	\$182.10	0.18%	
9,500	\$96,448.25	\$96,640.47	\$192.22	0.20%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$100,176.32	\$100,368.54	\$192.22	0.19%	
10,000	\$96,479.00	\$96,681.33	\$202.33	0.21%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$100,403.28	\$100,605.61	\$202.33	0.20%	
10,500	\$96,509.74	\$96,722.19	\$212.45	0.22%	\$4,120.49	\$4,120.49	\$0.00	0.00%	\$100,630.24	\$100,842.69	\$212.45	0.21%	
FY 23													
						Stayout Period					Difference	Change	
First 10 therms				\$949.35				\$949.35			\$0.00	0.00%	
Over 10 therms				\$0.037500				\$0.037800			\$0.0000	0.80%	
Monthly Demand Charge*				\$6,252.00				\$6,252.00			\$0.0000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.0000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.0000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.0000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.0000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.0000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.0000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.0000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000274				\$0.000312			\$0.0000	13.88%	
Demand Capacity Surcharge Mechanism				\$0.022990				\$0.042646			\$0.0200	85.50%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.0000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.0000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.0000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.0000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.0000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.0000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.0000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.0000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.0000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
SC 17 - Baseload Distributed Generation Sales Service
Rate 3 - equal to or greater than 5 MW but less than 50 MW (November - March)
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$95,864.47	\$95,864.47	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$95,864.47	\$95,864.47	\$0.00	0.00%	
10	\$95,864.71	\$95,864.91	\$0.20	0.00%	\$3.92	\$3.92	\$0.00	0.00%	\$95,868.63	\$95,868.83	\$0.20	0.00%	
50	\$95,867.72	\$95,868.73	\$1.01	0.00%	\$19.62	\$19.62	\$0.00	0.00%	\$95,887.34	\$95,888.35	\$1.01	0.00%	
100	\$95,871.48	\$95,873.51	\$2.03	0.00%	\$39.24	\$39.24	\$0.00	0.00%	\$95,910.72	\$95,912.75	\$2.03	0.00%	
200	\$95,879.01	\$95,883.07	\$4.06	0.00%	\$78.49	\$78.49	\$0.00	0.00%	\$95,957.49	\$95,961.55	\$4.06	0.00%	
300	\$95,886.53	\$95,892.63	\$6.10	0.01%	\$117.73	\$117.73	\$0.00	0.00%	\$96,004.26	\$96,010.36	\$6.10	0.01%	
400	\$95,894.06	\$95,902.19	\$8.13	0.01%	\$156.97	\$156.97	\$0.00	0.00%	\$96,051.03	\$96,059.16	\$8.13	0.01%	
500	\$95,901.58	\$95,911.74	\$10.16	0.01%	\$196.21	\$196.21	\$0.00	0.00%	\$96,097.80	\$96,107.96	\$10.16	0.01%	
1,000	\$95,939.21	\$95,959.54	\$20.33	0.02%	\$392.43	\$392.43	\$0.00	0.00%	\$96,331.64	\$96,351.97	\$20.33	0.02%	
1,500	\$95,976.83	\$96,007.33	\$30.50	0.03%	\$588.64	\$588.64	\$0.00	0.00%	\$96,565.48	\$96,595.97	\$30.50	0.03%	
2,000	\$96,014.46	\$96,055.13	\$40.67	0.04%	\$784.86	\$784.86	\$0.00	0.00%	\$96,799.32	\$96,839.98	\$40.67	0.04%	
3,000	\$96,089.71	\$96,150.72	\$61.00	0.06%	\$1,177.28	\$1,177.28	\$0.00	0.00%	\$97,267.00	\$97,328.00	\$61.00	0.06%	
Average	3,479	\$96,125.76	\$96,196.50	\$70.74	0.07%	\$1,365.26	\$1,365.26	\$0.00	0.00%	\$97,491.02	\$97,561.76	\$70.74	0.07%
3,500	\$96,127.34	\$96,198.51	\$71.17	0.07%	\$1,373.50	\$1,373.50	\$0.00	0.00%	\$97,500.84	\$97,572.01	\$71.17	0.07%	
4,000	\$96,164.97	\$96,246.30	\$81.34	0.08%	\$1,569.71	\$1,569.71	\$0.00	0.00%	\$97,734.68	\$97,816.02	\$81.34	0.08%	
4,500	\$96,202.60	\$96,294.10	\$91.50	0.10%	\$1,765.93	\$1,765.93	\$0.00	0.00%	\$97,968.52	\$98,060.02	\$91.50	0.09%	
5,000	\$96,240.22	\$96,341.89	\$101.67	0.11%	\$1,962.14	\$1,962.14	\$0.00	0.00%	\$98,202.36	\$98,304.03	\$101.67	0.10%	
5,500	\$96,277.85	\$96,389.69	\$111.84	0.12%	\$2,158.35	\$2,158.35	\$0.00	0.00%	\$98,436.20	\$98,548.04	\$111.84	0.11%	
6,000	\$96,315.48	\$96,437.48	\$122.00	0.13%	\$2,354.57	\$2,354.57	\$0.00	0.00%	\$98,670.04	\$98,792.05	\$122.00	0.12%	
6,500	\$96,353.10	\$96,485.27	\$132.17	0.14%	\$2,550.78	\$2,550.78	\$0.00	0.00%	\$98,903.88	\$99,036.06	\$132.17	0.13%	
7,000	\$96,390.73	\$96,533.07	\$142.34	0.15%	\$2,747.00	\$2,747.00	\$0.00	0.00%	\$99,137.73	\$99,280.06	\$142.34	0.14%	
7,500	\$96,428.36	\$96,580.86	\$152.51	0.16%	\$2,943.21	\$2,943.21	\$0.00	0.00%	\$99,371.57	\$99,524.07	\$152.51	0.15%	
8,000	\$96,465.98	\$96,628.66	\$162.67	0.17%	\$3,139.42	\$3,139.42	\$0.00	0.00%	\$99,605.41	\$99,768.08	\$162.67	0.16%	
8,500	\$96,503.61	\$96,676.45	\$172.84	0.18%	\$3,335.64	\$3,335.64	\$0.00	0.00%	\$99,839.25	\$100,012.09	\$172.84	0.17%	
9,000	\$96,541.24	\$96,724.25	\$183.01	0.19%	\$3,531.85	\$3,531.85	\$0.00	0.00%	\$100,073.09	\$100,256.10	\$183.01	0.18%	
9,500	\$96,578.86	\$96,772.04	\$193.18	0.20%	\$3,728.07	\$3,728.07	\$0.00	0.00%	\$100,306.93	\$100,500.11	\$193.18	0.19%	
10,000	\$96,616.49	\$96,819.83	\$203.34	0.21%	\$3,924.28	\$3,924.28	\$0.00	0.00%	\$100,540.77	\$100,744.11	\$203.34	0.20%	
10,500	\$96,654.12	\$96,867.63	\$213.51	0.22%	\$4,120.49	\$4,120.49	\$0.00	0.00%	\$100,774.61	\$100,988.12	\$213.51	0.21%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$949.35				\$949.35			\$0.00	0.00%	
Over 10 therms				\$0.051100				\$0.051500			\$0.000400	0.78%	
Monthly Demand Charge*				\$6,252.00				\$6,252.00			\$0.000000	0.00%	
Billing & Payment Processing				\$1,320,000				\$1,320,000			\$0.000000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000000	0.00%	
Non Labor Demand Response O&M Cost				\$0.000274				\$0.000312			\$0.000038	13.88%	
Demand Capacity Surcharge Mechanism				\$0.022990				\$0.042646			\$0.019656	85.50%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.000000			\$0.000000	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000000	0.00%	
Monthly Cost of Gas				\$0.380332				\$0.380332			\$0.000000	0.00%	
Merchant Function Charge				\$0.007455				\$0.007455			\$0.000000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000000	0.00%	

*Note: Demand charge included in the typical delivery bill assumes 15MW

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
Non-Firm Demand Response: Tier 1
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$380.82	\$380.82	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$380.82	\$380.82	\$0.00	0.00%	
10	\$381.00	\$381.24	\$0.24	0.06%	\$2.12	\$2.12	\$0.00	0.00%	\$383.12	\$383.36	\$0.24	0.06%	
50	\$388.23	\$389.44	\$1.22	0.31%	\$10.62	\$10.62	\$0.00	0.00%	\$398.84	\$400.06	\$1.22	0.31%	
100	\$397.26	\$399.70	\$2.44	0.61%	\$21.23	\$21.23	\$0.00	0.00%	\$418.50	\$420.93	\$2.44	0.58%	
500	\$469.54	\$481.73	\$12.19	2.60%	\$106.17	\$106.17	\$0.00	0.00%	\$575.71	\$587.90	\$12.19	2.12%	
1,000	\$559.90	\$584.27	\$24.37	4.35%	\$212.34	\$212.34	\$0.00	0.00%	\$772.24	\$796.61	\$24.37	3.16%	
1,500	\$650.25	\$686.81	\$36.56	5.62%	\$318.51	\$318.51	\$0.00	0.00%	\$968.76	\$1,005.32	\$36.56	3.77%	
2,000	\$740.61	\$789.35	\$48.74	6.58%	\$424.67	\$424.67	\$0.00	0.00%	\$1,165.28	\$1,214.03	\$48.74	4.18%	
2,500	\$830.96	\$891.89	\$60.93	7.33%	\$530.84	\$530.84	\$0.00	0.00%	\$1,361.81	\$1,422.73	\$60.93	4.47%	
3,000	\$921.32	\$994.43	\$73.11	7.94%	\$637.01	\$637.01	\$0.00	0.00%	\$1,558.33	\$1,631.44	\$73.11	4.69%	
4,000	\$1,102.02	\$1,199.51	\$97.49	8.85%	\$849.35	\$849.35	\$0.00	0.00%	\$1,951.37	\$2,048.86	\$97.49	5.00%	
4,500	\$1,192.38	\$1,302.05	\$109.67	9.20%	\$955.52	\$955.52	\$0.00	0.00%	\$2,147.90	\$2,257.57	\$109.67	5.11%	
Average	4,875	\$1,260.12	\$1,378.92	\$118.81	9.43%	\$1,035.11	\$1,035.11	\$0.00	0.00%	\$2,295.23	\$2,414.04	\$118.81	5.18%
5,000	\$1,282.73	\$1,404.59	\$121.86	9.50%	\$1,061.69	\$1,061.69	\$0.00	0.00%	\$2,344.42	\$2,466.28	\$121.86	5.20%	
5,500	\$1,373.09	\$1,507.13	\$134.04	9.76%	\$1,167.86	\$1,167.86	\$0.00	0.00%	\$2,540.94	\$2,674.98	\$134.04	5.28%	
6,000	\$1,463.44	\$1,609.67	\$146.23	9.99%	\$1,274.02	\$1,274.02	\$0.00	0.00%	\$2,737.47	\$2,883.69	\$146.23	5.34%	
6,500	\$1,553.80	\$1,712.21	\$158.41	10.20%	\$1,380.19	\$1,380.19	\$0.00	0.00%	\$2,933.99	\$3,092.40	\$158.41	5.40%	
7,000	\$1,644.15	\$1,814.75	\$170.60	10.38%	\$1,486.36	\$1,486.36	\$0.00	0.00%	\$3,130.51	\$3,301.11	\$170.60	5.45%	
7,500	\$1,734.50	\$1,917.29	\$182.78	10.54%	\$1,592.53	\$1,592.53	\$0.00	0.00%	\$3,327.03	\$3,509.82	\$182.78	5.49%	
8,000	\$1,824.86	\$2,019.83	\$194.97	10.68%	\$1,698.70	\$1,698.70	\$0.00	0.00%	\$3,523.56	\$3,718.53	\$194.97	5.53%	
8,500	\$1,915.21	\$2,122.37	\$207.16	10.82%	\$1,804.87	\$1,804.87	\$0.00	0.00%	\$3,720.08	\$3,927.24	\$207.16	5.57%	
9,000	\$2,005.57	\$2,224.91	\$219.34	10.94%	\$1,911.04	\$1,911.04	\$0.00	0.00%	\$3,916.60	\$4,135.94	\$219.34	5.60%	
9,500	\$2,095.92	\$2,327.45	\$231.53	11.05%	\$2,017.21	\$2,017.21	\$0.00	0.00%	\$4,113.13	\$4,344.65	\$231.53	5.63%	
10,000	\$2,186.28	\$2,429.99	\$243.71	11.15%	\$2,123.37	\$2,123.37	\$0.00	0.00%	\$4,309.65	\$4,553.36	\$243.71	5.66%	
10,500	\$2,276.63	\$2,532.53	\$255.90	11.24%	\$2,229.54	\$2,229.54	\$0.00	0.00%	\$4,506.17	\$4,762.07	\$255.90	5.68%	
11,000	\$2,366.98	\$2,635.07	\$268.08	11.33%	\$2,335.71	\$2,335.71	\$0.00	0.00%	\$4,702.70	\$4,970.78	\$268.08	5.70%	
11,500	\$2,457.34	\$2,737.61	\$280.27	11.41%	\$2,441.88	\$2,441.88	\$0.00	0.00%	\$4,899.22	\$5,179.49	\$280.27	5.72%	
12,000	\$2,547.69	\$2,840.15	\$292.46	11.48%	\$2,548.05	\$2,548.05	\$0.00	0.00%	\$5,095.74	\$5,388.20	\$292.46	5.74%	
12,500	\$2,638.05	\$2,942.69	\$304.64	11.55%	\$2,654.22	\$2,654.22	\$0.00	0.00%	\$5,292.26	\$5,596.90	\$304.64	5.76%	
13,000	\$2,728.40	\$3,045.23	\$316.83	11.61%	\$2,760.39	\$2,760.39	\$0.00	0.00%	\$5,488.79	\$5,805.61	\$316.83	5.77%	
13,500	\$2,818.76	\$3,147.77	\$329.01	11.67%	\$2,866.55	\$2,866.55	\$0.00	0.00%	\$5,685.31	\$6,014.32	\$329.01	5.79%	
14,000	\$2,909.11	\$3,250.31	\$341.20	11.73%	\$2,972.72	\$2,972.72	\$0.00	0.00%	\$5,881.83	\$6,223.03	\$341.20	5.80%	
14,500	\$2,999.46	\$3,352.85	\$353.38	11.78%	\$3,078.89	\$3,078.89	\$0.00	0.00%	\$6,078.36	\$6,431.74	\$353.38	5.81%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 therms				\$0.161400				\$0.161400			\$0.000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.017171				\$0.037274			\$0.020	117.08%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.003980			\$0.004	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.206242				\$0.206242			\$0.000	0.00%	
Merchant Function Charge				\$0.003584				\$0.003584			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

KEYSPAN GAS EAST CORP. d/b/a NATIONAL GRID (KEDLI)
Monthly Bill Comparison Table
Non-Firm Demand Response: Tier 2
Rate Year Three (FY 23) vs. Stayout Period

	Delivery				Commodity				Total				
	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	FY 23	Stayout Period	Difference	Change	
Therm Usage													
0	\$380.82	\$380.82	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	0.00%	\$380.82	\$380.82	\$0.00	0.00%	
10	\$381.00	\$381.24	\$0.24	0.06%	\$2.08	\$2.08	\$0.00	0.00%	\$383.08	\$383.33	\$0.24	0.06%	
50	\$386.91	\$388.13	\$1.22	0.31%	\$10.42	\$10.42	\$0.00	0.00%	\$397.33	\$398.55	\$1.22	0.31%	
100	\$394.31	\$396.75	\$2.44	0.62%	\$20.84	\$20.84	\$0.00	0.00%	\$415.15	\$417.59	\$2.44	0.59%	
1,000	\$527.44	\$551.81	\$24.37	4.62%	\$208.39	\$208.39	\$0.00	0.00%	\$735.83	\$760.20	\$24.37	3.31%	
2,000	\$675.36	\$724.10	\$48.74	7.22%	\$416.78	\$416.78	\$0.00	0.00%	\$1,092.14	\$1,140.88	\$48.74	4.46%	
3,000	\$823.28	\$896.39	\$73.11	8.88%	\$625.17	\$625.17	\$0.00	0.00%	\$1,448.45	\$1,521.57	\$73.11	5.05%	
4,000	\$971.20	\$1,068.69	\$97.49	10.04%	\$833.56	\$833.56	\$0.00	0.00%	\$1,804.76	\$1,902.25	\$97.49	5.40%	
5,000	\$1,119.12	\$1,240.98	\$121.86	10.89%	\$1,041.95	\$1,041.95	\$0.00	0.00%	\$2,161.08	\$2,282.93	\$121.86	5.64%	
6,000	\$1,267.04	\$1,413.27	\$146.23	11.54%	\$1,250.35	\$1,250.35	\$0.00	0.00%	\$2,517.39	\$2,663.62	\$146.23	5.81%	
7,000	\$1,414.96	\$1,585.56	\$170.60	12.06%	\$1,458.74	\$1,458.74	\$0.00	0.00%	\$2,873.70	\$3,044.30	\$170.60	5.94%	
8,000	\$1,562.88	\$1,757.85	\$194.97	12.48%	\$1,667.13	\$1,667.13	\$0.00	0.00%	\$3,230.01	\$3,424.98	\$194.97	6.04%	
Average	9,967	\$1,853.78	\$2,096.68	\$242.90	13.10%	\$2,076.94	\$2,076.94	\$0.00	0.00%	\$3,930.72	\$4,173.62	\$242.90	6.18%
10,000	\$1,858.73	\$2,102.44	\$243.71	13.11%	\$2,083.91	\$2,083.91	\$0.00	0.00%	\$3,942.63	\$4,186.35	\$243.71	6.18%	
10,500	\$1,932.69	\$2,188.58	\$255.90	13.24%	\$2,188.10	\$2,188.10	\$0.00	0.00%	\$4,120.79	\$4,376.69	\$255.90	6.21%	
11,000	\$2,006.65	\$2,274.73	\$268.08	13.36%	\$2,292.30	\$2,292.30	\$0.00	0.00%	\$4,298.95	\$4,567.03	\$268.08	6.24%	
11,500	\$2,080.61	\$2,360.88	\$280.27	13.47%	\$2,396.50	\$2,396.50	\$0.00	0.00%	\$4,477.10	\$4,757.37	\$280.27	6.26%	
12,000	\$2,154.57	\$2,447.02	\$292.46	13.57%	\$2,500.69	\$2,500.69	\$0.00	0.00%	\$4,655.26	\$4,947.71	\$292.46	6.28%	
12,500	\$2,228.53	\$2,533.17	\$304.64	13.67%	\$2,604.89	\$2,604.89	\$0.00	0.00%	\$4,833.41	\$5,138.05	\$304.64	6.30%	
13,000	\$2,302.49	\$2,619.31	\$316.83	13.76%	\$2,709.08	\$2,709.08	\$0.00	0.00%	\$5,011.57	\$5,328.40	\$316.83	6.32%	
13,500	\$2,376.45	\$2,705.46	\$329.01	13.84%	\$2,813.28	\$2,813.28	\$0.00	0.00%	\$5,189.73	\$5,518.74	\$329.01	6.34%	
14,000	\$2,450.41	\$2,791.61	\$341.20	13.92%	\$2,917.47	\$2,917.47	\$0.00	0.00%	\$5,367.88	\$5,709.08	\$341.20	6.36%	
14,500	\$2,524.37	\$2,877.75	\$353.38	14.00%	\$3,021.67	\$3,021.67	\$0.00	0.00%	\$5,546.04	\$5,899.42	\$353.38	6.37%	
15,000	\$2,598.33	\$2,963.90	\$365.57	14.07%	\$3,125.86	\$3,125.86	\$0.00	0.00%	\$5,724.19	\$6,089.76	\$365.57	6.39%	
15,500	\$2,672.29	\$3,050.04	\$377.75	14.14%	\$3,230.06	\$3,230.06	\$0.00	0.00%	\$5,902.35	\$6,280.10	\$377.75	6.40%	
16,000	\$2,746.25	\$3,136.19	\$389.94	14.20%	\$3,334.25	\$3,334.25	\$0.00	0.00%	\$6,080.50	\$6,470.44	\$389.94	6.41%	
16,500	\$2,820.21	\$3,222.34	\$402.13	14.26%	\$3,438.45	\$3,438.45	\$0.00	0.00%	\$6,258.66	\$6,660.79	\$402.13	6.43%	
17,000	\$2,894.17	\$3,308.48	\$414.31	14.32%	\$3,542.65	\$3,542.65	\$0.00	0.00%	\$6,436.82	\$6,851.13	\$414.31	6.44%	
17,500	\$2,968.13	\$3,394.63	\$426.50	14.37%	\$3,646.84	\$3,646.84	\$0.00	0.00%	\$6,614.97	\$7,041.47	\$426.50	6.45%	
18,000	\$3,042.09	\$3,480.77	\$438.68	14.42%	\$3,751.04	\$3,751.04	\$0.00	0.00%	\$6,793.13	\$7,231.81	\$438.68	6.46%	
18,500	\$3,116.05	\$3,566.92	\$450.87	14.47%	\$3,855.23	\$3,855.23	\$0.00	0.00%	\$6,971.28	\$7,422.15	\$450.87	6.47%	
19,000	\$3,190.01	\$3,653.07	\$463.05	14.52%	\$3,959.43	\$3,959.43	\$0.00	0.00%	\$7,149.44	\$7,612.49	\$463.05	6.48%	
19,500	\$3,263.97	\$3,739.21	\$475.24	14.56%	\$4,063.62	\$4,063.62	\$0.00	0.00%	\$7,327.59	\$7,802.83	\$475.24	6.49%	
FY 23					Stayout Period						Difference	Change	
First 10 therms				\$375.00				\$375.00			\$0.00	0.00%	
Over 10 therms				\$0.129000				\$0.129000			\$0.000	0.00%	
Billing & Payment Processing				\$1.320000				\$1.320000			\$0.000	0.00%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Leak Prone Pipe Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Electric Generator Revenue				\$0.000000				\$0.000000			\$0.000	0.00%	
TC/IT Revenue Surcharge / Credit				\$0.000000				\$0.000000			\$0.000	0.00%	
Gas Safety and Reliability Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Tax Reform				\$0.000000				\$0.000000			\$0.000	0.00%	
NY Facilities System Surcharge / Surcredit				\$0.000000				\$0.000000			\$0.000	0.00%	
Earning Adjustment Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
Demand Capacity Surcharge Mechanism				\$0.017171				\$0.037274			\$0.020	117.08%	
Net Utility Plant and Depreciation Expense Reconciliation Mechanisms				\$0.000000				\$0.003980			\$0.004	0.00%	
Clean Energy Fund				\$0.000000				\$0.000000			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Monthly Cost of Gas				\$0.202342				\$0.202342			\$0.000	0.00%	
Merchant Function Charge				\$0.003584				\$0.003584			\$0.000	0.00%	
GRT on Delivery				1.010000%				1.010000%			\$0.000	0.00%	
GRT on Supply				1.010000%				1.010000%			\$0.000	0.00%	
MTA on Delivery				0.185000%				0.185000%			\$0.000	0.00%	
MTA on Supply				0.185000%				0.185000%			\$0.000	0.00%	

Keyspan Gas East Corporation d/b/a National Grid (KEDLI)
Illustrative Example of Non-Firm Demand Response Weighted Monthly ICOG

	a	b	c	d	e	f	g
	Weighted ICOG	L AUF	Weighted ICOG After L AUF	10 % of allocated pipeline costs	Forecast Weighted Monthly ICOG	Firm Monthly Cost of Gas	Applicable Non-Firm Monthly ICOG
September	\$ 2.26	1.530%	\$ 2.30	0.03248 \$	2.3296 \$	3.7786 \$	2.3296 \$
August	\$ 2.38	1.530%	\$ 2.42	0.03025 \$	2.4514 \$	3.8871 \$	2.4514 \$
July	\$ 2.70	1.530%	\$ 2.74	0.03025 \$	2.7708 \$	4.1486 \$	2.7708 \$
June	\$ 2.72	1.530%	\$ 2.76	0.03025 \$	2.7869 \$	4.3602 \$	2.7869 \$
May	\$ 3.13	1.530%	\$ 3.18	0.03025 \$	3.2103 \$	3.1987 \$	3.1987 \$
April	\$ 3.29	1.530%	\$ 3.34	0.03025 \$	3.3748 \$	4.6842 \$	3.3748 \$
March	\$ 3.62	1.530%	\$ 3.68	0.03025 \$	3.7087 \$	4.8009 \$	3.7087 \$
February	\$ 3.73	1.530%	\$ 3.79	0.03025 \$	3.8161 \$	4.9532 \$	3.8161 \$
January	\$ 4.08	1.530%	\$ 4.14	0.03025 \$	4.1726 \$	5.3317 \$	4.1726 \$
December	\$ 4.63	1.902%	\$ 4.72	0.03025 \$	4.7491 \$	5.9614 \$	4.7491 \$
November	\$ 3.82	1.902%	\$ 3.89	0.03025 \$	3.9200 \$	5.1461 \$	3.9200 \$
October	\$ 3.21	1.902%	\$ 3.27	0.03025 \$	3.2994 \$	4.6072 \$	3.2994 \$

- a Monthly ICOG weighted by the gates and volumes used for delivery to non-firm customers
- b Applicable L AUF percentage
- c a * b
- d Equal to 10% of the allocated pipeline costs included in the Annual Fixed Cost of Gas calculation
- e c + d
- f Otherwise applicable firm service class's Monthly Cost of Gas (excluding adjustments)
- g Lesser of column e or f

NFRR Targets
KEDLI

	Apr-2020	May-2020	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Avg Cust/Total Revenue
<u>330 - S.C. 12 TC Sales - Rate 1</u>													
Customers	26	26	26	27	27	28	28	29	30	31	32	34	29
Volume (Therms)	80,986	41,061	24,252	16,719	16,487	16,838	34,358	64,995	104,054	146,999	143,441	111,488	801,677
Delivery Revenue	\$33,462	\$21,828	\$16,930	\$15,114	\$15,046	\$15,528	\$20,633	\$29,940	\$41,701	\$54,595	\$53,937	\$45,385	\$364,100
Tax Reform	(\$721)	(\$365)	(\$216)	(\$149)	(\$147)	(\$150)	(\$306)	(\$578)	(\$926)	(\$1,308)	(\$1,277)	(\$992)	(\$7,135)
Total SC 12 Rate 1	\$32,741	\$21,463	\$16,714	\$14,965	\$14,900	\$15,378	\$20,327	\$29,362	\$40,775	\$53,287	\$52,661	\$44,393	\$356,965
<u>331 - S.C. 12 TC Sales - Rate 2</u>													
Customers	55	54	54	56	57	59	59	61	62	64	67	70	60
Volume (Therms)	479,800	238,844	141,068	97,114	97,481	99,367	202,759	382,887	602,270	849,953	841,121	642,846	4,675,509
Delivery Revenue	\$160,677	\$90,083	\$61,591	\$49,542	\$50,028	\$51,336	\$81,465	\$134,713	\$199,020	\$271,954	\$270,518	\$213,879	\$1,634,805
Tax Reform	(\$4,270)	(\$2,126)	(\$1,256)	(\$864)	(\$868)	(\$884)	(\$1,805)	(\$3,408)	(\$5,360)	(\$7,565)	(\$7,486)	(\$5,721)	(\$41,612)
Total SC 12 Rate 2	\$156,407	\$87,957	\$60,336	\$48,678	\$49,160	\$50,452	\$79,660	\$131,305	\$193,660	\$264,389	\$263,032	\$208,157	\$1,593,193
<u>730 - S.C. 13 TC Trans - Rate 1</u>													
Customers	1	1	1	1	1	1	1	1	1	1	1	1	1
Volume (Therms)	3,430	1,739	1,027	682	672	662	1,351	2,468	3,819	5,221	4,935	3,610	29,616
Delivery Revenue	\$1,380	\$887	\$679	\$579	\$576	\$572	\$773	\$1,098	\$1,492	\$1,901	\$1,818	\$1,431	\$13,187
Tax Reform	(\$31)	(\$15)	(\$9)	(\$6)	(\$6)	(\$6)	(\$12)	(\$22)	(\$34)	(\$46)	(\$44)	(\$32)	(\$264)
Total SC 13 Rate 1	\$1,349	\$871	\$670	\$573	\$570	\$566	\$761	\$1,076	\$1,458	\$1,854	\$1,774	\$1,399	\$12,923
<u>731 - S.C. 13 TC Trans - Rate 1</u>													
Customers	2	2	2	2	2	2	2	2	2	2	2	3	2
Volume (Therms)	8,252	4,184	2,471	1,640	1,618	1,593	3,251	5,938	9,189	12,563	11,876	13,031	75,607
Delivery Revenue	\$3,163	\$1,978	\$1,479	\$1,237	\$1,230	\$1,223	\$1,706	\$2,489	\$3,436	\$4,420	\$4,219	\$4,935	\$31,515
Tax Reform	(\$73)	(\$37)	(\$22)	(\$15)	(\$14)	(\$14)	(\$29)	(\$53)	(\$82)	(\$112)	(\$106)	(\$116)	(\$673)
Total SC 13 Rate 2	\$3,090	\$1,941	\$1,457	\$1,222	\$1,216	\$1,209	\$1,677	\$2,436	\$3,355	\$4,308	\$4,114	\$4,819	\$30,842
<u>310/311 - S.C. 4 Interruptible Sales</u>													
Customers	80	80	80	80	80	80	80	80	80	80	80	80	80
Volume (Therms)	765,134	717,533	827,873	871,189	870,895	871,189	780,152	749,853	788,471	829,272	824,698	791,262	9,687,523
Delivery Revenue	\$253,307	\$239,436	\$271,589	\$284,211	\$284,126	\$284,211	\$257,683	\$248,854	\$260,107	\$271,997	\$270,664	\$260,921	\$3,187,105
Tax Reform	(\$7,039)	(\$6,601)	(\$7,616)	(\$8,015)	(\$8,012)	(\$8,015)	(\$7,177)	(\$6,899)	(\$7,254)	(\$7,629)	(\$7,587)	(\$7,280)	(\$89,125)
Total SC4 Sales	\$246,268	\$232,835	\$263,973	\$276,196	\$276,113	\$276,196	\$250,506	\$241,955	\$252,853	\$264,367	\$263,076	\$253,641	\$3,097,980
<u>710/711 - S.C. 7 Interruptible Trans</u>													
Customers	4	4	4	4	4	4	4	4	4	4	4	4	4
Volume (Therms)	24,761	23,221	26,791	28,193	28,184	28,193	25,247	24,267	25,516	26,837	26,689	25,607	313,504
Delivery Revenue	\$8,733	\$8,284	\$9,324	\$9,733	\$9,730	\$9,733	\$8,874	\$8,589	\$8,953	\$9,338	\$9,294	\$8,979	\$109,563
Tax Reform	(\$1,986)	(\$1,862)	(\$2,149)	(\$2,261)	(\$2,260)	(\$2,261)	(\$2,025)	(\$1,946)	(\$2,046)	(\$2,152)	(\$2,140)	(\$2,054)	(\$25,143)
Total SC7 Trans	\$6,747	\$6,422	\$7,176	\$7,472	\$7,470	\$7,472	\$6,850	\$6,642	\$6,906	\$7,185	\$7,154	\$6,925	\$84,420
Total													
Customers	168	167	167	170	171	174	174	177	179	182	186	192	176
Volume (Therms)	1,362,362	1,026,582	1,023,483	1,015,537	1,015,337	1,017,842	1,047,118	1,230,407	1,533,320	1,870,845	1,852,759	1,587,844	15,583,436
Delivery Revenue	\$460,721	\$362,496	\$361,593	\$360,415	\$360,736	\$362,603	\$371,134	\$425,683	\$514,710	\$614,203	\$610,450	\$535,530	\$5,340,275
Tax Reform	(\$14,120)	(\$11,007)	(\$11,268)	(\$11,310)	(\$11,307)	(\$11,330)	(\$11,354)	(\$12,906)	(\$15,702)	(\$18,813)	(\$18,640)	(\$16,195)	(\$163,952)
Total NFRR Targets	\$446,601	\$351,488	\$350,325	\$349,105	\$349,429	\$351,273	\$359,781	\$412,777	\$499,008	\$595,390	\$591,810	\$519,335	\$5,176,323

NFRR Targets
KEDLI

	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Total
TCInt													
Total Block 1	585	588	591	597	600	603	597	597	588	585	582	588	7,101
Total Block 2	1,571,826	1,155,899	1,086,206	1,062,638	1,066,301	1,068,954	1,133,584	1,349,064	1,669,724	2,004,412	1,927,510	1,611,890	16,708,008
Total Therms	1,572,411	1,156,487	1,086,797	1,063,235	1,066,901	1,069,557	1,134,181	1,349,661	1,670,312	2,004,997	1,928,092	1,612,478	16,715,109
Customers	196	197	198	200	201	201	199	199	196	195	194	196	198
Tier 1 Block 1	527	529	532	537	540	543	537	537	529	527	524	529	6,391
Tier 2 Block 1	59	59	59	60	60	60	60	60	59	59	58	59	710
Tier 1 Block 2	1,414,643	1,040,309	977,586	956,374	959,671	962,058	1,020,226	1,214,158	1,502,751	1,803,971	1,734,759	1,450,701	15,037,207
Tier 2 Block 2	157,183	115,590	108,621	106,264	106,630	106,895	113,358	134,906	166,972	200,441	192,751	161,189	1,670,801
Total Therms	1,572,411	1,156,487	1,086,797	1,063,235	1,066,901	1,069,557	1,134,181	1,349,661	1,670,312	2,004,997	1,928,092	1,612,478	16,715,109
Rates													
Tier 1 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
Tier 2 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
Tier 1 Block 2	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546
Tier 2 Block 2	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236	\$0.1236
Block 1	\$74,521	\$74,901	\$75,281	\$76,042	\$76,422	\$76,422	\$75,661	\$75,661	\$74,521	\$74,141	\$73,760	\$74,521	\$901,854
Tier 1 Block 2	\$218,704	\$160,832	\$151,135	\$147,855	\$148,365	\$148,734	\$157,727	\$187,709	\$232,325	\$278,894	\$268,194	\$224,278	\$2,324,752
Tier 2 Block 2	\$19,428	\$14,287	\$13,426	\$13,134	\$13,179	\$13,212	\$14,011	\$16,674	\$20,638	\$24,775	\$23,824	\$19,923	\$206,511
Total NFRR Targets	\$312,652	\$250,020	\$239,842	\$237,031	\$237,966	\$238,368	\$247,399	\$280,045	\$327,484	\$377,809	\$365,778	\$318,722	\$3,433,117

NFRR Targets
KEDLI

	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Total
TCInt													
Total Block 1	585	573	564	564	555	555	546	540	531	525	525	528	6,591
Total Block 2	1,562,468	1,124,333	1,099,296	1,077,992	1,076,501	1,076,318	1,113,894	1,234,856	1,505,292	1,774,792	1,714,311	1,447,715	15,807,769
Total Therms	1,563,053	1,124,906	1,099,860	1,078,556	1,077,056	1,076,873	1,114,440	1,235,396	1,505,823	1,775,317	1,714,836	1,448,243	15,814,360
Customers	196	192	189	189	186	185	182	180	177	175	175	176	184
Tier 1 Block 1	527	516	508	508	500	500	491	486	478	473	473	475	5,932
Tier 2 Block 1	59	57	56	56	56	56	55	54	53	53	53	53	659
Tier 1 Block 2	1,406,221	1,011,900	989,367	970,193	968,851	968,686	1,002,505	1,111,370	1,354,763	1,597,312	1,542,880	1,302,944	14,226,993
Tier 2 Block 2	156,247	112,433	109,930	107,799	107,650	107,632	111,389	123,486	150,529	177,479	171,431	144,772	1,580,777
Total Therms	1,563,053	1,124,906	1,099,860	1,078,556	1,077,056	1,076,873	1,114,440	1,235,396	1,505,823	1,775,317	1,714,836	1,448,243	15,814,360
Rates													
Tier 1 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
Tier 2 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
Tier 1 Block 2	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614
Tier 2 Block 2	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290
Block 1	\$74,521	\$73,000	\$71,859	\$71,859	\$70,719	\$70,339	\$69,198	\$68,438	\$67,297	\$66,536	\$66,536	\$66,917	\$837,219
Tier 1 Block 2	\$226,964	\$163,321	\$159,684	\$156,589	\$156,373	\$156,346	\$161,804	\$179,375	\$218,659	\$257,806	\$249,021	\$210,295	\$2,296,237
Tier 2 Block 2	\$20,156	\$14,504	\$14,181	\$13,906	\$13,887	\$13,885	\$14,369	\$15,930	\$19,418	\$22,895	\$22,115	\$18,676	\$203,920
Total NFRR Targets	\$321,641	\$250,825	\$245,724	\$242,355	\$240,978	\$240,569	\$245,371	\$263,742	\$305,374	\$347,238	\$337,672	\$295,887	\$3,337,376

NFRR Targets
KEDLI

	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Total
TCInt													
Total Block 1	585	573	564	564	555	555	546	540	531	525	525	528	6,591
Total Block 2	1,562,468	1,124,333	1,099,296	1,077,992	1,076,501	1,076,318	1,113,894	1,234,856	1,505,292	1,774,792	1,714,311	1,447,715	15,807,769
Total Therms	1,563,053	1,124,906	1,099,860	1,078,556	1,077,056	1,076,873	1,114,440	1,235,396	1,505,823	1,775,317	1,714,836	1,448,243	15,814,360
Customers	196	192	189	189	186	185	182	180	177	175	175	176	184
Tier 1 Block 1	527	516	508	508	500	500	491	486	478	473	473	475	5,932
Tier 2 Block 1	59	57	56	56	56	56	55	54	53	53	53	53	659
Tier 1 Block 2	1,406,221	1,011,900	989,367	970,193	968,851	968,686	1,002,505	1,111,370	1,354,763	1,597,312	1,542,880	1,302,944	14,226,993
Tier 2 Block 2	156,247	112,433	109,930	107,799	107,650	107,632	111,389	123,486	150,529	177,479	171,431	144,772	1,580,777
Total Therms	1,563,053	1,124,906	1,099,860	1,078,556	1,077,056	1,076,873	1,114,440	1,235,396	1,505,823	1,775,317	1,714,836	1,448,243	15,814,360
Rates													
Tier 1 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
Tier 2 Block 1	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
Tier 1 Block 2	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614	\$0.1614
Tier 2 Block 2	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290	\$0.1290
Block 1	\$74,521	\$73,000	\$71,859	\$71,859	\$70,719	\$70,339	\$69,198	\$68,438	\$67,297	\$66,536	\$66,536	\$66,917	\$837,219
Tier 1 Block 2	\$226,964	\$163,321	\$159,684	\$156,589	\$156,373	\$156,346	\$161,804	\$179,375	\$218,659	\$257,806	\$249,021	\$210,295	\$2,296,237
Tier 2 Block 2	\$20,156	\$14,504	\$14,181	\$13,906	\$13,887	\$13,885	\$14,369	\$15,930	\$19,418	\$22,895	\$22,115	\$18,676	\$203,920
Total NFRR Targets	\$321,641	\$250,825	\$245,724	\$242,355	\$240,978	\$240,569	\$245,371	\$263,742	\$305,374	\$347,238	\$337,672	\$295,887	\$3,337,376

PSC NO: 1-GAS
COMPANY: KEYSPAN GAS EAST CORPORATION
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos.18 and 19**

Service Classification No. 18 Tier 1

	<u>\$/therm</u>
1 Incremental Cost of Gas	
a) Weighted Incremental Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Incremental Cost of Gas	xx.xx
OR	
Monthly Cost of Gas	
a) Variable Weighted Average Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Monthly Cost of Gas	xx.xx
Whichever is lower	
2 Adjustments	
a) Merchant Function Charge	
a) Annual Merchant Function Charge Imbalance Surcharge or (Refund)	xx.xx
Total adjustments	<u>xx.xx</u> xx.xx
3 Total Monthly Cost of Gas and Adjustments	xx.xx
4 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
5 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
6 Total Monthly Delivery Rate	xx.xx
7 Total Monthly SC 18 Tier 1 Sales Service	xx.xx

Issued by: Rudy Wynter, President, Brooklyn, NY

PSC NO: 1-GAS
COMPANY: KEYSPAN GAS EAST CORPORATION
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
Page 2 of 4

**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 18 and 19**

Service Classification No. 18 Tier 2

	<u>\$/therm</u>
1 Incremental Cost of Gas	
a) Weighted Incremental Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Incremental Cost of Gas	xx.xx
OR	
Monthly Cost of Gas	
a) Variable Weighted Average Cost of Gas	xx.xx
b) UFG	xx.xx
c) Demand Charge	<u>xx.xx</u>
Total Monthly Cost of Gas	xx.xx
Whichever is lower	
2 Adjustments	
a) Merchant Function Charge	
a) Annual Merchant Function Charge Imbalance Surcharge or (Refund)	xx.xx
Total adjustments	<u>xx.xx</u> xx.xx
3 Total Monthly Cost of Gas and Adjustments	xx.xx
4 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
5 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
6 Total Monthly Delivery Rate	xx.xx
7 Total Monthly SC 18 Tier 2 Sales Service	xx.xx

Issued by: Rudy Wynter, President, Brooklyn, NY

PSC NO: 1-GAS
COMPANY: KEYSpan GAS EAST CORPORATION
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 18 and 19**

Service Classification No. 19 Tier 1

	<u>\$/therm</u>
1 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
2 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
3 Total Monthly SC 19 Tier 1 Transportation Service	XX.XX

Issued by: Rudy Wynter, President, Brooklyn, NY

PSC NO: 1-GAS
COMPANY: KEYSpan GAS EAST CORPORATION
INITIAL EFFECTIVE DATE:

STATEMENT TYPE: NFDR
STATEMENT NO: xx
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**STATEMENT OF NON-FIRM DEMAND RESPONSE
SALES AND TRANSPORTATION RATES
Applicable to Billing Service Classification Nos. 18 and 19**

Service Classification No. 19 Tier 2

	<u>\$/therm</u>
1 Monthly Delivery Rate	
a) Volumetric Rate	xx.xx
2 Delivery Rate Adjustment	
a) Demand Capacity Surcharge	xx.xx
b) Net Utility Plant Tracker	<u>xx.xx</u>
Total Delivery Rate Adjustment	xx.xx
3 Total Monthly SC 19 Tier 2 Transportation Service	XX.XX

Issued by: Rudy Wynter, President, Brooklyn, NY

KeySpan Gas East Corporation d/b/a National Grid
Total Annual Merchant function Charges

	RY2 April 1, 2021- 31-Mar-2022	GAC Year September 1, 2021 - August 31, 2022	
GAC Factors (SC 1, 2, 3, 15, 16 , 17 , 9 , TC & Interruptible)			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses	\$ 349,483	\$ 349,842	b\
2 Commodity-Related Credit and Collection Expenses	\$ 989,934	\$ 990,276	b\
3 Uncollectible Expenses Associated With Gas Costs	\$ 2,158,152	\$ 2,148,137	a\
4 Return Requirement on Gas Purchase-Related Working Capital	\$ 1,426,681	\$ 1,358,066	a\
5 Return Requirement on Gas in Storage (w/o TC and Interruptible)	<u>\$ 2,052,300</u>	<u>\$ 1,979,344</u>	c\
Total	\$ 6,976,551	\$ 6,825,665	
TAC Factors (SC 5)			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses	\$ -	\$ -	
2 Commodity-related Credit and Collection Expenses	\$ -	\$ -	
3 Uncollectible Expenses Associated With Gas Costs	\$ -	\$ -	
4 Return Requirement on Gas Purchase-Related Working Capital	\$ -	\$ -	
5 Return Requirement on Gas in Storage (w/o TC and Interruptible)	<u>\$ 441,803</u>	<u>\$ 428,364</u>	c\
Total	\$ 441,803	\$ 428,364	
ESCO Charge (Serving SC 5)			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses	\$ -	\$ -	
2 Commodity-related Credit and Collection Expenses	\$ 279,876	\$ 281,215	b\
3 Uncollectible Expenses Associated With Gas Costs	\$ -	\$ -	
4 Return Requirement on Gas Purchase-Related Working Capital	\$ -	\$ -	
5 Return Requirement on Gas in Storage (w/o TC and Interruptible)	<u>\$ -</u>	<u>\$ -</u>	
Total	\$ 279,876	\$ 281,215	
Grand Total			
1 Gas Procurement and Commodity-Related Sales Promotion Expenses ¹	\$ 349,483	\$ 349,842	b\
2 Commodity-related Credit and Collection Expenses ²	\$ 1,269,811	\$ 1,271,491	b\
3 Uncollectible Expenses Associated With Gas Costs ³	\$ 2,158,152	\$ 2,148,137	a\
4 Return Requirement on Gas Purchase-Related Working Capital ⁴	\$ 1,426,681	\$ 1,358,066	a\
5 Return Requirement on Gas in Storage (w/o TC) ⁵	<u>\$ 2,494,103</u>	<u>\$ 2,407,708</u>	c\
Total	\$ 7,698,230	\$ 7,535,244	

Notes

a\ = Estimated based on projected gas costs

b\ = Target

c\ = Estimated based on projected storage inventory costs

¹ Appendix 4, Schedule 2.5, Page 1 of 1, Line 1 + Line 3

² Appendix 4, Schedule 2.5, Page 1 of 1, Line 2

³ FY total - Schedule 6.3, Page 4

⁴ FY total - Schedule 6.3, Page 8

⁵ GAC Year (Sept 1, 2021 - Aug 31, 2022) - Schedule 6.3, Page 11

KeySpan Gas East Corporation d/b/a National Grid
Total Annual Merchant Function Charges
Annual Expense Target in GAC Year
Gas Procurement and Commodity-Related Sales Promotion Expenses
Applicable to Firm Sales Customers under SC 1, 2, 3, 15, 16, 17, 9
TC Sales and Interruptible Sales

Fiscal Year: 2022				Fiscal Year: 2023				Fiscal Year: 2024			
Total Annual Target / 1:				Total Annual Target:				Total Annual Target:			
Billed Sales SC 1, 2, 3, 15, 16, 17, 9, TC and IT Sales				Billed Sales SC 1, 2, 3, 15, 16, 17, 9, TC and IT Sales				Billed Sales SC 1, 2, 3, 15, 16, 17, 9, TC and IT Sales			
Monthly Dt	%	Monthly Allocation \$		Monthly Dt	%	Monthly Allocation \$		Monthly Dt	%	Monthly Allocation \$	
Apr-2021	9,037,177	11%	\$ 38,521	Apr-2022	9,492,447	11%	\$ 38,709	Apr-2023	9,903,215	11%	\$ 39,162
May-2021	4,188,162	5%	\$ 17,852	May-2022	4,546,251	5%	\$ 18,539	May-2023	4,816,273	5%	\$ 19,046
Jun-2021	2,872,227	4%	\$ 12,243	Jun-2022	2,952,192	3%	\$ 12,039	Jun-2023	3,010,800	3%	\$ 11,906
Jul-2021	2,340,555	3%	\$ 9,977	Jul-2022	2,407,463	3%	\$ 9,817	Jul-2023	2,449,997	3%	\$ 9,688
Aug-2021	2,345,360	3%	\$ 9,997	Aug-2022	2,414,043	3%	\$ 9,844	Aug-2023	2,452,688	3%	\$ 9,699
Sep-2021	2,344,986	3%	\$ 9,996	Sep-2022	2,413,635	3%	\$ 9,843	Sep-2023	2,449,044	3%	\$ 9,685
Oct-2021	3,473,282	4%	\$ 14,805	Oct-2022	3,575,250	4%	\$ 14,580	Oct-2023	3,631,620	4%	\$ 14,361
Nov-2021	6,474,972	8%	\$ 27,600	Nov-2022	6,883,522	8%	\$ 28,070	Nov-2023	7,116,827	8%	\$ 28,143
Dec-2021	10,462,552	13%	\$ 44,597	Dec-2022	10,976,330	13%	\$ 44,761	Dec-2023	11,274,505	13%	\$ 44,585
Jan-2022	14,601,654	18%	\$ 62,240	Jan-2023	15,193,925	18%	\$ 61,960	Jan-2024	15,512,504	18%	\$ 61,344
Feb-2022	13,843,591	17%	\$ 59,009	Feb-2023	14,399,922	17%	\$ 58,722	Feb-2024	14,693,225	17%	\$ 58,104
Mar-2022	10,004,808	12%	\$ 42,646	Mar-2023	10,446,187	12%	\$ 42,599	Mar-2024	11,065,864	13%	\$ 43,760
Total	81,989,326	100%	\$ 349,483	Total	85,701,167	100%	\$ 349,483	Total	88,376,561	100%	\$ 349,483
GAC Year			Monthly Allocation \$	GAC Year			Monthly Allocation \$	GAC Year			Monthly Allocation \$
Sep-2021	2,344,986	\$	9,996	Sep-2022	2,413,635	\$	9,843	Sep-2023	2,449,044	\$	9,685
Oct-2021	3,473,282	\$	14,805	Oct-2022	3,575,250	\$	14,580	Oct-2023	3,631,620	\$	14,361
Nov-2021	6,474,972	\$	27,600	Nov-2022	6,883,522	\$	28,070	Nov-2023	7,116,827	\$	28,143
Dec-2021	10,462,552	\$	44,597	Dec-2022	10,976,330	\$	44,761	Dec-2023	11,274,505	\$	44,585
Jan-2022	14,601,654	\$	62,240	Jan-2023	15,193,925	\$	61,960	Jan-2024	15,512,504	\$	61,344
Feb-2022	13,843,591	\$	59,009	Feb-2023	14,399,922	\$	58,722	Feb-2024	14,693,225	\$	58,104
Mar-2022	10,004,808	\$	42,646	Mar-2023	10,446,187	\$	42,599	Mar-2024	11,065,864	\$	43,760
Apr-2022	9,492,447	\$	38,709	Apr-2023	9,903,215	\$	39,162				
May-2022	4,546,251	\$	18,539	May-2023	4,816,273	\$	19,046				
Jun-2022	2,952,192	\$	12,039	Jun-2023	3,010,800	\$	11,906				
Jul-2022	2,407,463	\$	9,817	Jul-2023	2,449,997	\$	9,688				
Aug-2022	2,414,043	\$	9,844	Aug-2023	2,452,688	\$	9,699				
Total	83,018,240	\$	349,842	Total	86,521,743	\$	350,035				

KeySpan Gas East Corporation d/b/a National Grid
Total Annual Merchant Function Charges
Annual Expense Target in GAC Year
Commodity-Related Credit and Collection Expenses

Fiscal Year: 2022				Fiscal Year: 2023				Fiscal Year: 2024			
Total Annual Target / 1: \$1,269,811				Total Annual Target: \$1,269,811				Total Annual Target: \$1,269,811			
Billed Sales C 1, 2, 3, 15, 16 & 17, 9, Firm Transportation under SC 5, TC and Interruptible Sales and Transportation				Billed Sales C 1, 2, 3, 15, 16 & 17, 9, Firm Transportation under SC 5, TC and Interruptible Sales and Transportation				Billed Sales C 1, 2, 3, 15, 16 & 17, 9, Firm Transportation under SC 5, TC and Interruptible Sales and Transportation			
Monthly Dt	%	Monthly Allocation \$		Monthly Dt	%	Monthly Allocation \$		Monthly Dt	%	Monthly Allocation \$	
Apr-2021	11,433,858	11%	\$ 138,052	Apr-2022	12,050,950	11%	\$ 139,033	Apr-2023	12,585,642	11%	\$ 140,811
May-2021	5,537,067	5%	\$ 66,854	May-2022	6,050,524	5%	\$ 69,806	May-2023	6,426,025	6%	\$ 71,896
Jun-2021	3,916,416	4%	\$ 47,287	Jun-2022	4,022,908	4%	\$ 46,413	Jun-2023	4,099,710	4%	\$ 45,869
Jul-2021	3,289,466	3%	\$ 39,717	Jul-2022	3,382,252	3%	\$ 39,021	Jul-2023	3,440,549	3%	\$ 38,494
Aug-2021	3,295,104	3%	\$ 39,785	Aug-2022	3,389,258	3%	\$ 39,102	Aug-2023	3,442,954	3%	\$ 38,521
Sep-2021	3,294,752	3%	\$ 39,781	Sep-2022	3,388,687	3%	\$ 39,096	Sep-2023	3,437,954	3%	\$ 38,465
Oct-2021	4,622,952	4%	\$ 55,817	Oct-2022	4,753,151	4%	\$ 54,838	Oct-2023	4,824,895	4%	\$ 53,982
Nov-2021	8,347,061	8%	\$ 100,782	Nov-2022	8,900,841	8%	\$ 102,690	Nov-2023	9,210,280	8%	\$ 103,047
Dec-2021	13,198,290	13%	\$ 159,355	Dec-2022	13,865,455	13%	\$ 159,967	Dec-2023	14,242,439	13%	\$ 159,348
Jan-2022	18,239,587	17%	\$ 220,224	Jan-2023	18,987,158	17%	\$ 219,057	Jan-2024	19,381,852	17%	\$ 216,849
Feb-2022	17,326,401	16%	\$ 209,198	Feb-2023	18,030,324	16%	\$ 208,018	Feb-2024	18,394,893	16%	\$ 205,806
Mar-2022	12,668,561	12%	\$ 152,959	Mar-2023	13,241,715	12%	\$ 152,771	Mar-2024	14,007,998	12%	\$ 156,725
Total	105,169,515	100%	\$ 1,269,811	Total	110,063,223	100%	\$ 1,269,811	Total	113,495,193	100%	\$ 1,269,811

GAC Year	Monthly Allocation \$	GAC Year	Monthly Allocation \$
Sep-2021	\$ 39,781	Sep-2022	\$ 39,096
Oct-2021	\$ 55,817	Oct-2022	\$ 54,838
Nov-2021	\$ 100,782	Nov-2022	\$ 102,690
Dec-2021	\$ 159,355	Dec-2022	\$ 159,967
Jan-2022	\$ 220,224	Jan-2023	\$ 219,057
Feb-2022	\$ 209,198	Feb-2023	\$ 208,018
Mar-2022	\$ 152,959	Mar-2023	\$ 152,771
Apr-2022	\$ 139,033	Apr-2023	\$ 140,811
May-2022	\$ 69,806	May-2023	\$ 71,896
Jun-2022	\$ 46,413	Jun-2023	\$ 45,869
Jul-2022	\$ 39,021	Jul-2023	\$ 38,494
Aug-2022	\$ 39,102	Aug-2023	\$ 38,521
Total	106,593,496	Total	111,162,212

KeySpan Gas East Corporation d/b/a National Grid
Merchant Function Charge
Illustrative Example - Calculation Gas Procurement and Commodity-Related Sales Promotion Expenses
Applicable to Firm Sales Customers under SC 1, 2, 3, 15, 16, 17, 9
TC Sales and Interruptible Sales

1) Set Gas Procurement and Commodity Related Sales Promotion Expenses for:

Sept 1, 2021 - Aug 31, 2022

a) Allowed Expenses /1	\$349,842
b) Forecasted SC 1, 2, 3, 15, 16, 17, 9, TC & Interruptible sales	83,018,240 Dt
c) Unit Rate effective September 1, 2021 - August 31, 2022 = (1a / 1b)	\$0.00421 \$/Dt 0.0421 ¢ Cents/Therm

2) Perform Annual Reconciliation : January 1, 2023 - December 31, 2023

a) Actual Recoveries	\$1,000,000
b) Allowed Expense	<u>\$349,842</u>
c) Resulting Over Recovery (-) / Under Recovery (+) = (2b - 2a)	(\$650,158)
d) Forecasted SC 1, 2, 3, 15, 16, 17 & TC Sales	Dt 87,145,003
e) Annual Reconciliation effective January 1, 2023 - December 31, 2023 = (2c / 2d) (surcharges/credits shall include simple interest at the Commission's other customer capital rate)	\$/Dt (\$0.00746)

KeySpan Gas East Corporation d/b/a National Grid
Illustrative Example - Calculation of Commodity Related Credit and Collection Expenses
Applicable to Firm Sales under SC 1, 2, 3, 15, 16, 17, 9
Firm Transportation under SC 5, TC and Interruptible Transportation

1) Set Commodity Related Credit and Collection Expenses for:

Sept 1, 2021 - Aug 31, 2022

a) Allowed Expenses /1				\$1,271,491
b) Forecasted Firm Sales & Firm Transportation & TC:				
SC 1, 2, 3, 15, 16, 17, 9, SC5 Firm Sales & TC & IT Sales and Transportation				106,593,496 Dt
c) Unit Rate effective September 1, 2021 - August 31, 2022 = (1a / 1b)				\$0.01193 \$/Dt
				0.1193 ¢ Cents/Therm
Allocation Between Sales Customers & Transportation Customers ESCOs				
SC 1, 2, 3, 15, 16, 17, 9, SC5 Firm Sales & TC & IT Sales	83,018,240	78%		\$990,276
ESCOs (SC 5) and TC & IT Transportation	<u>23,575,256</u>	<u>22%</u>		<u>\$281,215</u>
	106,593,496	100%		\$1,271,491

2) Perform Annual Reconciliation : January 1, 2023 - December 31, 2023

a) Actual Recoveries				\$1,500,000
b) Allowed Expense				<u>\$1,271,491</u>
c) Resulting Over Recovery (-) / Under Recovery (+) = (2b - 2a)				(\$228,509)
d) Forecasted Firm Sales and Firm Transportation Customers:				
SC 1, 2, 3, 15, 16, 17, 9, SC5 Firm Sales & TC & IT Sales				111,969,647 Dt
e) Annual Reconciliation effective January 1, 2023 - December 31, 2023 = (2c / 2d)				(\$0.00204) \$/Dt
(surcharges/credits shall include simple interest at the Commission's other customer capital rate)				

Keyspan Gas East Corporation d/b/a National Grid
Merchant Function Charge
Illustrative Example - Calculation of Uncollectible Expenses Associated with Gas Costs
Applicable to Firm Sales Customers under SC 1, 2, 3, 15, 16, 17, 9, TC & Interruptible

1) Set Commodity Related Uncollectible Expenses Associated with Gas Costs Each Month:	SC 1, 2, 3, & 17 <u>Per Dt</u>	SC 15 <u>Per Dt</u>	SC 16 <u>Per Dt</u>	SC 9 <u>Per Dt</u>	TC <u>Per Dt</u>	IT <u>Per Dt</u>
a) Effective Monthly Cost of Gas and Adjustments	\$4.25	\$3.15	\$3.49	\$2.88	\$2.50	\$2.50
b) Uncollectible Factor /1	0.6068%	0.6068%	0.6068%	0.6068%	0.6068%	0.6068%
c) Commodity Related Uncollectible Expense Charge: (a x b)	\$0.02578	\$0.01909	\$0.02119	\$0.01748	\$0.01519	\$0.01519

1/ Appendix 2, Schedule 1

Keyspan Gas East Corporation d/b/a National Grid
Merchant Function Charge
Illustrative Example - Calculation of Return Requirement on Gas Purchase Related Working Capital Charge
Applicable to Firm Sales Customers under SC 1, 2, 3, 15, 16, 17, 9, TC & Interruptible

	SC 1, 2, 3, & 17 <u>Per Dt</u>	SC 15 <u>Per Dt</u>	SC 16 <u>Per Dt</u>	SC 9 <u>Per Dt</u>	TC <u>Per Dt</u>	Interruptible Sales <u>Per Dt</u>
1) Set Commodity Related Uncollectible Expenses Associated with Gas Costs Each Month:						
a) Effective Monthly Cost of Gas and Adjustments	\$4.25	\$3.15	\$3.49	\$2.88	\$2.50	\$2.50
b) Lead Lag Rate	5.11%	5.11%	5.11%	5.11%	5.11%	5.11%
c) Pre-Tax Weighted Average Cost of Capital /1	7.85%	7.85%	7.85%	7.85%	7.85%	7.85%
d) Return Requirement on Gas Purchase Working Capital Charge (\$/Dt) (a x b x c)	\$0.01704	\$0.01262	\$0.01401	\$0.01155	\$0.01004	\$0.01004

1/ Appendix 2, Schedule 1

Keyspan Gas East Corporation d/b/a National Grid
Merchant Function Charge

Illustrative Example - Calculation of Return Requirement on Gas Storage Inventory and Reconciliation
Applicable to Firm Sales Customers under SC 1, 2, 3, 15, 16, 17 & 9 Firm Sales & SC 5 Firm Transportation

1) **Set Return Requirement on Gas Storage Inventory Charge for: Sep 1, 2021 - Aug 31, 2022**

	Estimated Storage Inventory Ending Balance (Less Capacity Release) (dt)	Estimated Wtd Avg Storage Inventory Cost (Based on 08/28/2019 NYMEX) (\$/dt)	Estimated Storage Inventory Costs (\$)
9/30/2021	55,841,791	\$ 2.22	\$ 123,847,238
10/31/2021	65,138,289	\$ 2.22	\$ 144,501,546
11/30/2021	60,655,392	\$ 2.22	\$ 134,628,135
12/31/2021	48,772,429	\$ 2.21	\$ 108,030,313
1/31/2022	33,298,800	\$ 2.20	\$ 73,372,448
2/28/2022	19,082,211	\$ 2.18	\$ 41,544,651
3/31/2022	8,795,723	\$ 2.13	\$ 18,773,834
4/30/2022	7,687,312	\$ 2.11	\$ 16,200,651
5/31/2022	18,359,593	\$ 2.06	\$ 37,892,234
6/30/2022	28,634,642	\$ 2.04	\$ 58,432,519
7/31/2022	37,085,840	\$ 2.04	\$ 75,543,203
8/31/2022	45,736,884	\$ 2.04	\$ 93,109,070
	<u>429,088,905</u>		<u>\$ 925,875,842</u>
a) Estimated Monthly Average Storage Inventory Costs (12 Months)			\$ 77,156,320
b) Allocation between KEDNY and KEDLI (based on Forecasted Sales)			
KEDNY (Firm Sales and Firm Transportation)	158,597,309	60%	\$ 46,435,968
KEDLI (Firm Sales and Firm Transportation)	104,922,225	40%	\$ 30,720,352
Total	263,519,534	100%	\$ 77,156,320
c) Pre-Tax Weighted Average Cost of Capital			
Rate Year 2 (Apr 1, 2021 to Mar 31, 2022)			7.85%
Rate Year 3 (Apr 1, 2022 to Mar 31, 2023)			7.82%
Average Pre-Tax WACC (7 months of rate year 2 and 5 months of rate year 3)			7.84%
d) Estimated Return Requirement on Gas Storage Inventory (1a x 1b)			\$ 2,407,708

2) **Allocate Return Requirement on Gas Storage Inventory to Firm Sales & Firm Transportation Customers**

	Firm Sales	Firm Transportation	Total
a) Total Storage Capacity (dt)	51,410,665.65	14,862,461.15	66,273,127
b) Less Storage Capacity Release (dt)	-	3,736,315	3,736,315
c) Net Storage Inventory	51,410,666	11,126,146	62,536,812
d) Storage Inventory Allocators	82%	18%	100%
e) Allocated Return Requirement on Gas Storage Inventory	\$ 1,979,343.77	\$ 428,363.80	\$ 2,407,708
f) Forecasted Firm Sales and Firm Transport Vols 9/1/21 - 8/31/22 (dt)	81,392,288	23,529,937	104,922,225
g) % Breakdown on Vols:	78%	22%	100%
g) Return Requirement on Gas Storage Inventory Charge (\$/dt) Effective September 1, 2020 - August 31, 2021	\$ 0.0243	\$ 0.0182	

3) **Annual Reconciliation for: Jan 1, 2023 - Dec 31, 2023**

a) Actual Recoveries	\$ 1,900,000	\$ 400,000	
b) Allowed Expense	\$ 1,979,344	\$ 428,364	
c) Resulting Over Recovery (-) / Under Recovery (+) = (3b - 3a)	\$ 79,344	\$ 28,364	
d) Forecasted Firm Sales and Firm Transportation Customers:	85,659,860	24,783,178 Dt	
e) Annual Reconciliation effective January 1, 2023 - December 31, 2023 = (3c / 3d) (surcharges/credits shall include simple interest at the Commission's other customer capital rate)	\$ 0.00093	\$ 0.00114	\$/Dt

RDM Targets
KEDLI

	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Avg Cust/Total Revenue
<u>SC 2-A - Water Heating</u>													
Customers	88	88	87	87	86	86	86	86	87	87	88	88	87
Volume (Therms)	11,200	5,903	4,337	3,878	3,853	3,866	4,869	8,712	13,194	17,695	17,093	12,973	107,573
Delivery Revenue	\$12,043	\$8,615	\$7,729	\$7,725	\$7,788	\$7,347	\$7,676	\$10,623	\$13,710	\$16,222	\$15,691	\$13,211	\$128,380
Billing Fee	\$116	\$116	\$115	\$115	\$114	\$114	\$114	\$114	\$115	\$115	\$116	\$116	\$1,378
Customers	14	14	14	14	14	14	14	14	14	14	14	14	14
Volume (Therms)	13,856	7,303	5,427	4,853	4,878	4,894	6,164	11,029	16,511	22,143	21,148	16,049	134,256
Delivery Revenue	\$6,254	\$4,074	\$3,358	\$3,288	\$3,127	\$3,389	\$3,832	\$5,432	\$7,021	\$8,714	\$8,448	\$6,534	\$63,471
Billing Fee	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$222
Customers	6,590	6,570	6,537	6,503	6,475	6,457	6,450	6,460	6,505	6,562	6,596	6,610	6,526
Volume (Therms)	2,924,966	1,536,897	1,136,487	1,010,936	1,011,708	1,012,357	1,273,594	2,282,275	3,440,522	4,654,507	4,468,315	3,398,294	28,150,859
Delivery Revenue	\$1,790,735	\$1,261,556	\$1,099,275	\$1,032,510	\$1,017,794	\$1,027,740	\$1,128,624	\$1,508,654	\$1,979,401	\$2,369,538	\$2,311,517	\$1,955,189	\$18,482,534
Billing Fee	\$8,699	\$8,672	\$8,629	\$8,584	\$8,547	\$8,523	\$8,514	\$8,527	\$8,587	\$8,662	\$8,707	\$8,725	\$103,376
Customers	3,325	3,315	3,298	3,280	3,266	3,257	3,254	3,259	3,281	3,310	3,328	3,335	3,292
Volume (Therms)	3,503,623	1,840,998	1,361,216	1,210,526	1,211,496	1,212,303	1,525,384	2,733,444	4,119,777	5,573,857	5,352,255	4,070,480	33,715,359
Delivery Revenue	\$1,593,815	\$1,053,469	\$888,957	\$829,372	\$828,293	\$846,255	\$950,190	\$1,334,143	\$1,783,222	\$4,648,904	\$4,508,909	\$3,759,131	\$34,993,847
Billing Fee	\$4,389	\$4,376	\$4,353	\$4,330	\$4,311	\$4,299	\$4,295	\$4,302	\$4,331	\$4,369	\$4,393	\$4,402	\$52,151
Total SC 2A Non Heat RDM Target	\$3,416,070	\$2,340,896	\$2,012,434	\$1,885,943	\$1,869,992	\$1,897,684	\$2,103,263	\$2,871,813	\$3,796,273	\$4,662,068	\$4,522,143	\$3,772,393	\$35,150,973
<u>SC 2-2</u>													
Customers	39,839	39,718	39,309	39,140	39,031	38,990	38,990	39,050	39,320	39,666	39,874	39,959	39,451
Volume (Therms)	19,321,252	10,152,155	7,506,345	6,677,187	6,682,328	6,686,583	8,412,326	15,074,676	22,723,857	30,743,079	29,515,108	22,447,373	185,942,269
Delivery Revenue	\$12,986,133	\$8,171,097	\$6,017,518	\$5,314,588	\$5,311,903	\$5,253,041	\$6,077,960	\$9,929,307	\$14,169,398	\$17,858,950	\$17,414,700	\$14,411,780	\$122,916,375
Billing Fee	\$52,587	\$52,428	\$52,158	\$51,888	\$51,665	\$51,521	\$51,467	\$51,546	\$51,902	\$52,359	\$52,634	\$52,746	\$624,901
Customers	10,422	10,391	10,337	10,284	10,239	10,211	10,200	10,216	10,287	10,377	10,431	10,454	10,321
Volume (Therms)	9,300,207	4,887,006	3,613,156	3,214,240	3,216,468	3,218,678	4,049,279	7,256,422	10,938,858	14,798,424	14,206,765	10,805,580	89,505,083
Delivery Revenue	\$5,186,486	\$3,221,587	\$2,348,959	\$2,069,468	\$2,055,171	\$1,962,047	\$2,326,799	\$3,909,399	\$5,704,020	\$7,327,624	\$7,092,498	\$5,804,565	\$49,008,622
Billing Fee	\$13,757	\$13,716	\$13,645	\$13,575	\$13,515	\$13,479	\$13,464	\$13,485	\$13,579	\$13,698	\$13,769	\$13,799	\$163,481
Customers	50,261	50,109	49,851	49,593	49,379	49,242	49,190	49,266	49,607	50,043	50,305	50,413	49,772
Volume (Therms)	28,621,459	15,039,161	11,119,501	9,891,427	9,898,795	9,905,261	12,461,605	22,331,098	33,662,715	45,541,503	43,721,874	33,252,953	275,447,352
Delivery Revenue	\$18,172,618	\$11,392,684	\$8,366,476	\$7,384,056	\$7,367,075	\$7,215,088	\$8,404,760	\$13,838,706	\$19,873,418	\$25,186,574	\$24,507,198	\$20,216,344	\$171,924,997
Billing Fee	\$66,345	\$66,144	\$65,803	\$65,463	\$65,180	\$64,999	\$64,931	\$65,031	\$65,481	\$66,057	\$66,403	\$66,545	\$788,382
Total SC 2B Heat RDM Target	\$18,238,963	\$11,458,827	\$8,432,280	\$7,449,519	\$7,432,255	\$7,280,087	\$8,469,691	\$13,903,737	\$19,938,899	\$25,252,631	\$24,573,601	\$20,282,890	\$172,713,378
<u>SC 3B</u>													
Customers	683	682	681	681	681	681	684	685	686	687	687	686	684
Volume (Therms)	1,620,787	873,469	506,534	396,249	396,990	396,087	630,560	1,203,842	1,805,425	2,431,212	2,303,961	1,711,994	14,277,110
Delivery Revenue	\$623,462	\$382,448	\$259,095	\$217,539	\$218,125	\$233,923	\$329,183	\$612,285	\$872,723	\$1,147,366	\$1,095,542	\$843,727	\$6,835,419
Billing Fee	\$902	\$900	\$899	\$899	\$899	\$899	\$903	\$904	\$906	\$907	\$907	\$906	\$10,829
Customers	26	26	26	26	26	26	26	26	26	26	26	26	26
Volume (Therms)	20,083	10,839	6,295	4,924	4,934	4,922	7,802	14,873	22,273	29,950	28,383	21,121	176,400
Delivery Revenue	\$10,025	\$6,798	\$4,986	\$4,332	\$4,336	\$4,331	\$5,719	\$8,247	\$10,674	\$13,172	\$12,701	\$10,413	\$95,735
Billing Fee	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$412
Customers	958	957	955	954	955	954	959	961	962	963	963	961	959
Volume (Therms)	4,416,140	2,380,932	1,379,867	1,078,305	1,081,455	1,077,863	1,717,358	3,280,759	4,918,156	6,620,098	6,273,599	4,658,794	38,883,325
Delivery Revenue	\$1,508,307	\$893,586	\$579,741	\$476,635	\$477,804	\$477,766	\$685,339	\$1,161,896	\$1,656,874	\$2,154,182	\$2,055,208	\$1,578,666	\$13,706,002
Billing Fee	\$1,265	\$1,263	\$1,261	\$1,259	\$1,261	\$1,259	\$1,266	\$1,269	\$1,270	\$1,271	\$1,271	\$1,269	\$15,183
Customers	55	55	55	55	55	55	55	55	55	55	55	55	55
Volume (Therms)	82,828	44,703	25,962	20,309	20,347	20,301	32,177	61,341	91,861	123,521	117,056	87,107	727,513
Delivery Revenue	\$35,492	\$22,930	\$16,063	\$13,716	\$13,523	\$13,646	\$18,298	\$29,227	\$38,700	\$48,223	\$45,927	\$36,885	\$332,631
Billing Fee	\$73	\$73	\$73	\$73	\$73	\$73	\$73	\$73	\$73	\$73	\$73	\$73	\$871
Customers	1,722	1,720	1,717	1,716	1,717	1,716	1,724	1,727	1,729	1,731	1,731	1,728	1,723
Volume (Therms)	6,139,839	3,309,943	1,918,658	1,499,787	1,503,726	1,499,173	2,387,896	4,560,815	6,837,715	9,204,781	8,722,998	6,479,016	54,064,348
Delivery Revenue	\$2,177,286	\$1,305,762	\$859,885	\$712,222	\$713,789	\$729,665	\$1,038,539	\$1,811,655	\$2,578,972	\$3,362,943	\$3,209,378	\$2,469,690	\$20,969,787
Billing Fee	\$2,273	\$2,270	\$2,266	\$2,265	\$2,266	\$2,265	\$2,276	\$2,280	\$2,282	\$2,285	\$2,285	\$2,281	\$27,295
Total SC 3 RDM Target	\$2,179,559	\$1,308,032	\$862,152	\$714,487	\$716,055	\$731,930	\$1,040,814	\$1,813,935	\$2,581,254	\$3,365,228	\$3,211,663	\$2,471,971	\$20,997,081
Total RDM Target	\$77,818,470	\$53,587,497	\$41,910,527	\$36,129,574	\$36,449,104	\$35,474,927	\$46,275,016	\$64,580,960	\$84,084,970	\$101,346,682	\$98,578,527	\$83,253,368	\$759,489,623

RDM Targets
KEDLI

		Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Avg Cust/Total Revenue
SC 1A - General														
Customers	Volume (Therms)	51,589	51,479	51,401	51,267	50,660	50,133	49,829	49,639	49,474	49,442	49,311	49,311	50,301
	Delivery Revenue	718,029	451,957	455,893	429,454	423,293	417,539	462,781	547,202	748,931	959,458	915,308	714,905	7,244,757
	Billing Fee	\$1,732,543	\$1,534,189	\$1,527,242	\$1,494,451	\$1,485,833	\$1,453,581	\$1,528,732	\$1,600,142	\$1,716,178	\$1,807,364	\$1,792,265	\$1,672,265	\$19,344,806
		\$90,797	\$90,603	\$90,466	\$90,230	\$89,162	\$88,234	\$87,699	\$87,365	\$87,074	\$87,018	\$86,916	\$86,787	\$1,062,350
SC 1AR - General														
Customers	Volume (Therms)	975	973	972	969	958	948	942	939	935	935	934	932	951
	Delivery Revenue	9,092	5,723	5,776	5,438	5,363	5,290	5,862	6,935	9,483	12,157	11,599	9,053	91,772
	Billing Fee	\$29,227	\$25,812	\$25,305	\$24,809	\$24,599	\$24,127	\$25,060	\$26,605	\$28,792	\$30,171	\$29,971	\$28,225	\$322,704
		\$1,716	\$1,712	\$1,711	\$1,705	\$1,686	\$1,668	\$1,658	\$1,653	\$1,646	\$1,646	\$1,644	\$1,640	\$20,085
SC 5-1A - General														
Customers	Volume (Therms)	2,414	2,409	2,405	2,399	2,371	2,346	2,332	2,323	2,315	2,314	2,311	2,308	2,354
	Delivery Revenue	\$81,707	\$71,261	\$71,509	\$70,706	\$69,456	\$68,814	\$71,358	\$75,469	\$81,552	\$86,291	\$85,001	\$78,822	\$353,698
	Billing Fee	\$4,249	\$4,240	\$4,233	\$4,222	\$4,173	\$4,129	\$4,104	\$4,088	\$4,074	\$4,073	\$4,067	\$4,062	\$911,944
														\$49,715
SC 5-1AR - General														
Customers	Volume (Therms)	58	58	58	58	57	57	56	56	56	56	56	56	57
	Delivery Revenue	\$1,609	\$1,428	\$1,407	\$1,391	\$1,357	\$1,370	\$1,372	\$1,453	\$1,585	\$1,677	\$1,659	\$1,571	\$17,879
	Billing Fee	\$102	\$102	\$102	\$102	\$100	\$100	\$99	\$99	\$99	\$99	\$99	\$99	\$1,200
SC 1A - Water Heating														
Customers	Volume (Therms)	690,089	434,357	438,132	412,727	406,813	401,279	444,757	525,916	719,769	922,083	879,673	687,082	22,983
	Delivery Revenue	\$1,229,510	\$1,012,452	\$970,535	\$938,000	\$947,225	\$876,882	\$979,158	\$1,100,925	\$1,235,836	\$1,341,088	\$1,331,680	\$1,187,021	6,962,678
	Billing Fee	\$41,487	\$41,397	\$41,334	\$41,226	\$40,739	\$40,315	\$40,070	\$39,919	\$39,785	\$39,758	\$39,713	\$39,655	\$13,150,313
														\$485,396
SC 1AR - Water Heating														
Customers	Volume (Therms)	5,053	3,187	3,220	3,024	2,981	2,937	3,256	3,865	5,276	6,763	6,460	5,023	51,046
	Delivery Revenue	\$9,065	\$7,475	\$7,176	\$6,914	\$6,984	\$6,461	\$7,210	\$8,138	\$9,116	\$9,900	\$9,843	\$8,736	\$97,017
	Billing Fee	\$308	\$308	\$308	\$306	\$303	\$299	\$297	\$297	\$296	\$296	\$296	\$294	\$3,608
SC 5-1A - Water Heating														
Customers	Volume (Therms)	1,196	1,194	1,192	1,189	1,175	1,162	1,155	1,151	1,147	1,146	1,145	1,143	1,166
	Delivery Revenue	\$66,841	\$54,482	\$54,905	\$51,282	\$46,152	\$47,982	\$53,703	\$58,991	\$67,450	\$73,725	\$72,652	\$68,440	384,183
	Billing Fee	\$2,105	\$2,101	\$2,098	\$2,093	\$2,068	\$2,045	\$2,033	\$2,026	\$2,019	\$2,017	\$2,015	\$2,012	\$716,604
														\$24,631
SC 5-1AR - Water Heating														
Customers	Volume (Therms)	23	15	15	14	14	14	16	19	25	33	31	24	243
	Delivery Revenue	\$47	\$38	\$38	\$36	\$33	\$35	\$39	\$43	\$50	\$54	\$53	\$52	\$518
	Billing Fee	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$21
SC 1A - Total														
Customers	Volume (Therms)	79,980	79,810	79,689	79,481	78,541	77,723	77,251	76,959	76,701	76,652	76,563	76,449	77,983
	Delivery Revenue	1,495,851	941,557	949,750	894,667	881,847	869,836	964,084	1,140,016	1,560,218	1,998,796	1,906,860	1,489,339	15,092,822
	Billing Fee	\$3,150,549	\$2,707,137	\$2,658,116	\$2,587,589	\$2,581,640	\$2,479,253	\$2,666,633	\$2,871,765	\$3,140,558	\$3,350,270	\$3,323,145	\$3,045,132	\$34,561,785
		\$140,765	\$140,466	\$140,253	\$139,887	\$138,232	\$136,792	\$135,962	\$134,448	\$134,994	\$134,908	\$134,751	\$134,550	\$1,647,006
	Total SC 1A Non Heat RDM Target	\$3,291,314	\$2,847,602	\$2,798,369	\$2,727,475	\$2,719,872	\$2,616,045	\$2,802,594	\$3,007,212	\$3,275,552	\$3,485,178	\$3,457,896	\$3,179,682	\$36,208,791
SC 1B														
Customers	Volume (Therms)	442,847	444,109	445,237	446,564	448,558	450,465	452,183	453,915	455,732	457,017	458,574	459,498	451,225
	Delivery Revenue	61,944,006	26,263,950	16,489,411	12,318,488	12,388,993	12,398,037	21,395,105	42,840,147	72,466,757	102,867,535	96,966,965	68,145,597	546,474,993
	Billing Fee	\$49,892,344	\$34,838,603	\$26,804,102	\$22,316,507	\$22,704,015	\$21,940,016	\$31,057,051	\$42,558,361	\$54,238,531	\$64,359,435	\$62,529,719	\$53,119,179	\$486,357,863
		\$779,411	\$781,632	\$783,617	\$785,953	\$789,462	\$792,818	\$795,842	\$798,890	\$802,088	\$804,350	\$807,090	\$808,716	\$9,529,870
SC 1BR														
Customers	Volume (Therms)	10,842	10,873	10,900	10,933	10,982	11,028	11,070	11,113	11,157	11,189	11,227	11,249	11,047
	Delivery Revenue	1,279,786	542,628	340,661	254,505	255,965	256,136	441,802	885,096	1,497,129	2,125,297	2,003,367	1,407,831	11,290,203
	Billing Fee	\$1,140,888	\$789,886	\$595,807	\$497,724	\$506,056	\$489,452	\$693,499	\$968,820	\$1,235,004	\$1,447,979	\$1,410,027	\$1,212,761	\$10,987,903
		\$19,082	\$19,136	\$19,184	\$19,242	\$19,328	\$19,409	\$19,483	\$19,559	\$19,636	\$19,693	\$19,760	\$19,798	\$233,311
SC 5-1B														
Customers	Volume (Therms)	22,117	22,180	22,237	22,303	22,403	22,498	22,584	22,670	22,761	22,825	22,903	22,949	22,536
	Delivery Revenue	\$3,507,457	1,487,143	933,707	697,522	701,527	702,031	1,210,929	2,425,764	4,103,375	5,824,751	5,490,696	3,858,678	30,943,580
	Billing Fee	\$2,639,575	\$1,837,855	\$1,437,110	\$1,204,978	\$1,221,908	\$1,197,639	\$1,658,366	\$2,245,115	\$2,874,546	\$3,440,356	\$3,339,620	\$2,812,224	\$25,909,291
		\$38,926	\$39,037	\$39,137	\$39,253	\$39,429	\$39,596	\$39,748	\$39,899	\$40,059	\$40,172	\$40,309	\$40,390	\$475,957
SC 5-1BR														
Customers	Volume (Therms)	111	111	112	112	112	113	113	114	114	115	115	115	113
	Delivery Revenue	\$11,747	\$8,023	\$6,134	\$5,144	\$5,190	\$5,113	\$7,094	\$9,956	\$12,665	\$14,920	\$14,498	\$12,458	\$112,941
	Billing Fee	\$195	\$195	\$197	\$197	\$197	\$199	\$201	\$201	\$201	\$202	\$202	\$202	\$2,388
SC 1B - Total														
Customers	Volume (Therms)	475,917	477,273	478,486	479,912	482,055	484,104	485,950	487,812	489,764	491,146	492,819	493,811	484,921
	Delivery Revenue	66,744,383	28,299,274	17,767,288	13,273,128	13,349,102	13,358,835	23,042,355	46,160,108	78,082,594	110,839,477	104,481,595	73,426,532	588,824,670
	Billing Fee	\$53,684,554	\$37,474,367	\$28,843,153	\$24,024,353	\$24,437,169	\$23,632,219	\$33,416,009	\$45,782,251	\$58,360,746	\$69,262,690	\$67,293,863	\$57,156,623	\$523,367,998
		\$837,614	\$840,000	\$842,135	\$844,645	\$848,417	\$852,023	\$855,272	\$858,549	\$861,985	\$864,417	\$867,361	\$869,107	\$10,241,526
	Total SC 1B Heat RDM Target	\$54,522,168	\$38,314,368	\$29,685,288	\$24,868,998	\$25,285,585	\$24,484,242	\$34,271,281	\$46,640,800	\$59,222,731	\$70,127,107	\$68,161,225	\$58,025,730	\$533,609,525

**KeySpan Gas East Corporation d/b/a National Grid ("KEDLI")
Calculation of Lost and Unaccounted for Gas (LAUF) Target and Dead Band
Based on 4-Year Historic Period: TME Aug 2015 to Aug 2018**

	TME Aug-15	TME Aug-16		TME Aug-17	TME Aug-18
KEDLI's City Gate Receipts (dt)	211,565,748	192,453,495	Metered Receipts (dt)		
Less:			KEDLI's City Gate Receipts	186,259,177	201,008,547
Transportation PSA & Power Plants	62,923,604	63,814,421	LNG Boil-off & Vapor	268,336	311,451
Transportation Power Plants	39,098,010	37,010,222	Other Supply and Pipeline Adjustments	-	-
Adjusted Sendout	109,544,134	91,628,852	Total Receipts	186,527,513	201,319,998
Total Billed and Unbilled (dt)			Metered Deliveries (dt)		
SC 1, 2, 3, 15, 16	72,725,685	61,157,202	SC 1, 2, 3, 5, 15, 16 & 17	68,340,474	75,808,213
SC 9 - NGV	35,874	121,887	SC9 - NGV	94,996	91,614
Temperature Controlled	597,183	442,036	Temperature Controlled	596,982	573,837
Interruptible sales	557,197	524,396	Interruptible Sales	471,865	512,326
Unbilled Sales	(311,101)	(303,236)	SC7 Interruptible Transportation	2,528	6,332
Gas Used By Company	281,161	40,110	Firm Transportation	25,283,888	26,207,254
Firm Transportation	33,642,592	26,248,298	Power Plant	80,075,749	84,019,558
SC 7 Interruptible Transportation	74,686	75,578	City Gate Deliveries to KEDNY	5,970,048	8,070,081
Total Deliveries	107,603,277	88,306,272	LNG Liquid	179,648	391,740
			Gas Used by Company	149680.3	197376.9925
			Total Deliveries	181,165,859	195,878,331
	n/a	n/a	Inactive Accounts > 90 days (dt)	n/a	61,594
	n/a	n/a	Total Metered deliveries less Inactive Accounts > 90 days	n/a	195,816,737
	n/a	n/a	Actual LAUF (dt) (Excluding NY Facilities)	n/a	5,441,666
			Actual LAUF % (of Deliveries)		2.778%
	n/a	n/a	NY Facilities Gas Transfer LAUF	n/a	(16,103)
			(.5% of Net receipts from Con Ed and KEDLI)		
	1,940,857	3,322,580	LAUF (dt)	5,361,654	5,425,563
	1.772%	3.626%	LAUF % (of Deliveries)	2.874%	2.695%

4-Year Statistics

Mean LAUF% (of Deliveries)	2.742%
1 Std Deviation	0.500%
2 Std Deviations	1.000%
LAUF Target & Dead Band	
LAUF% Target (% of Deliveries)	2.742%
Upper Dead Band (Mean + 2 Std Dev Cap)	3.742%
Lower Dead Band (Mean - 2 Std Dev Cap)	1.742%

Note 1: 4 Years, 2015 - 2018 used to calculate LAUF Target and Dead-bands.

Note 2: Inactive account penalty will be a monetary adjustment (inactive account volumes x weighted average cost of gas), replacing the volumetric adjustment.

Keyspan Gas East Corporation d/b/a National Grid (KEDLI)
Illustrative Example of EAM (Earnings Adjustment Mechanism)

Gas Energy Efficiency EAM: Share the Savings

Service Class	1 Earned EAM	2 Gas Deliveries (dt)	3 Allocation %	4 Allocated EAM \$	5 Forecast sales - (dt)	6 EAM \$/therm rate
SC-1A Residential NonHeat		2,164,700	2.067%	\$ 20,670.43	1,509,282	\$ 0.00137
SC-1B Residential Heat		56,533,489	53.983%	\$ 539,830.53	58,882,467	\$ 0.00092
SC-1DG Res. Dist Gen		1,524	0.001%	\$ 14.55	1,593	\$ 0.00091
SC-2A Non-Residential NonHeat		10,943,257	10.450%	\$ 104,495.66	6,742,594	\$ 0.00155
SC-2B Non-Residential Heat		23,753,700	22.682%	\$ 226,820.82	29,903,869	\$ 0.00076
SC-3A Multiple Dwelling NonHeat		126,183	0.120%	\$ 1,204.90	91,190	\$ 0.00132
SC-3B Multiple Dwelling Heat		5,328,865	5.088%	\$ 50,884.60	5,387,263	\$ 0.00094
SC-9 Wholesale NGV		704,658	0.673%	\$ 6,728.69	657,476	\$ 0.00102
SC-15 HLF Service		2,386,417	2.279%	\$ 22,787.57	1,986,962	\$ 0.00115
SC-16 Yr Round Space AC		2,773,933	2.649%	\$ 26,487.91	3,310,869	\$ 0.00080
SC-17 DG Sales		7,786	0.007%	\$ 74.35	8,222	\$ 0.00090
Total		104,724,513		\$ 1,000,000	108,481,787	

\$ 1,000,000

- 1 Illustrative dollar amount for Earned EAM
- 2 Supported by Exhibit ___ (RDP-3BTS), Schedule 8A, Line 4 (Gas_Del_Firm) Excluding TC and IT customers
- 3 Percentage of gas deliveries
- 4 Calculated by applying Allocation % to earned EAM by Service Class
- 5 Supported by Appendix 4, Schedule 1, Page 3 of 3
- 6 Column 4 / Column 5

Gas System Efficiency EAM: Peak Load Reduction

Service Class	1 Earned EAM	2 Peak Send out (dt)	3 Allocation %	4 Allocated EAM \$	5 Forecast sales - (dt)	6 EAM \$/therm rate
SC-1A Residential NonHeat		14,636	1.273%	\$ 12,732.60	1,509,282	\$ 0.00084
SC-1B Residential Heat		683,548	59.464%	\$ 594,640.75	58,882,467	\$ 0.00101
SC-1DG Res. Dist Gen		29	0.002%	\$ 24.91	1,593	\$ 0.00156
SC-2A Non-Residential NonHeat		43,058	3.746%	\$ 37,457.86	6,742,594	\$ 0.00056
SC-2B Non-Residential Heat		324,044	28.190%	\$ 281,896.08	29,903,869	\$ 0.00094
SC-3A Multiple Dwelling NonHeat		721	0.063%	\$ 626.95	91,190	\$ 0.00069
SC-3B Multiple Dwelling Heat		57,248	4.980%	\$ 49,801.46	5,387,263	\$ 0.00092
SC-9 Wholesale NGV		1,832	0.159%	\$ 1,593.42	657,476	\$ 0.00024
SC-15 HLF Service		8,366	0.728%	\$ 7,278.26	1,986,962	\$ 0.00037
SC-16 Yr Round Space AC		15,997	1.392%	\$ 13,916.58	3,310,869	\$ 0.00042
SC-17 DG Sales		36	0.003%	\$ 31.13	8,222	\$ 0.00038
Total		1,149,515		\$ 1,000,000	108,481,787	

\$ 1,000,000

- 1 Illustrative dollar amount for Earned EAM
- 2 Supported by Exhibit ___ (RDP-3BTS), Schedule 8A, Line 6 (Peak_Sendout) Excluding TC and IT customers
- 3 Percentage of peak send out
- 4 Calculated by applying Allocation % to earned EAM by Service Class
- 5 Supported by Appendix 4, Schedule 1, Page 3 of 3
- 6 Column 4 / Column 5

Keyspan Gas East Corp d/b/a National Grid
Annual Electric Generator Revenue Targets

	SC7 Small Electric Generators	SC14 Large Electric Generators	Total
Apr	\$111,575	\$1,943,708	\$2,055,283
May	\$96,875	\$2,263,956	\$2,360,831
Jun	\$128,875	\$3,555,573	\$3,684,448
Jul	\$195,022	\$5,336,193	\$5,531,215
Aug	\$211,922	\$4,893,296	\$5,105,218
Sep	\$158,323	\$3,405,763	\$3,564,086
Oct	\$315,231	\$2,431,653	\$2,746,884
Nov	\$223,275	\$2,726,735	\$2,950,010
Dec	\$224,197	\$2,873,404	\$3,097,601
Jan	\$96,393	\$2,427,801	\$2,524,194
Feb	\$75,863	\$2,136,071	\$2,211,934
Mar	\$72,665	\$2,401,720	\$2,474,385
Total	\$1,910,216	\$36,395,872	\$38,306,088

Annual Revenue targets to remain the same in each year of the rate plan

PSC NO: 1 GAS
COMPANY: KEYSpan GAS EAST CORP. d/b/a BROOKLYN UNION OF L.I.
INITIAL EFFECTIVE DATE: XX/XX/XX
STAMPS:

STATEMENT TYPE: DRA
STATEMENT NO: XX
PAGE 1 OF 1

PRO-FORMA
Statement of Delivery Rate Adjustment

<u>Service Classifications</u>	<u>SIR</u>	<u>RDM</u>	<u>GSRS</u>	<u>NFRR</u>	<u>EGR</u>	<u>NYFS</u>	<u>EAM</u>	<u>DCSM</u>	<u>DROM</u>	<u>NUP</u>	<u>Total</u>
	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>	<u>\$/therm</u>
Residential Non-Heat (SC 1A, 1AR, 5-1A, 5-1AR)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Residential Heat (SC 1B, 1BR, 5-1B, 5-1BR)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Resid DG (SC 1BDG)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Commercial Non-Heat (SC 2-A, 5-2-A)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Commercial Heat (SC 2-B, 5-2-B)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Multi-Family (SC 3A, 3B, 5-3A, 5-3B)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Uncompressed Natural Gas (SC 9, 5-9)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
High Load Factor (SC 15, 5-15)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Year-Round Space Conditioning (SC 16, 5-16)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Baseload DG (SC 17, 5-17)	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX

SC 1, 2, 3, 5 and 16 are subject to a Weather Normalization Adjustment Factor, as explained on Leaf Nos. 78 through 79

- Note:
- SIR Site Investigation and Remediation Surcharge
 - RDM Revenue Decoupling Mechanism
 - GSRS Gas Safety and Reliability Surcharge
 - NFRR Non-Firm Demand Response Revenue Reconciliation Surcharge / Credit
 - EGR Electric Generator Revenue Reconciliation
 - NYFS New York Facilities System Surcharge
 - EAM Earning Adjustment Mechanism
 - DCSM Demand Capacity Surcharge Mechanism
 - DROM Non Labor Demand Response O&M Cost
 - NUP Net Utility Plant and Depreciation Expense Reconciliation Mechanisms

KeySpan Gas East Corporation d/b/a National Grid
Gas Marginal Cost Study 2019
Computation of Marginal Cost

Line	Description	Formula / Reference	Demand		Customer															
			Total		Residential	SC2 Non-Heat	SC2 Heat	SC3	TC	All Other										
1	Plant Investment- Mains																			
2	Mains for new customers- Capital cost	From Company	\$147,808,557																	
3	Demand component	From ACOS	53.83%																	
4	Demand component of Mains for new customers- Capital cost	Ln2 * Ln3	79,566,643																	
5	Economic Carrying Charge Rate (Note 1)		13.08%																	
6	Annual Demand-related Marginal Costs- Mains	Ln4 * Ln5	\$10,410,789																	
7																				
8	Capacity Added- annual dth	From Company	10,292,489																	
9																				
10	Marginal Delivery Cost- \$ per dth (EJP Rate)	Ln6 / Ln8	\$1.01																	
11	Marginal Gas Cost- \$ per dth	From Company	\$1.25																	
12	Marginal Total Cost- \$ per dth	Ln 10 + Ln 11	\$2.26																	
13																				
14	Service Capital Cost per Customer				\$5,167	\$10,006	\$12,202	\$23,606	\$35,009	\$35,009	\$35,009									
15	Meter Capital Cost per Customer				202	638	638	656	6,863	6,863	6,863									
16	Meter Capital cost per Customer				\$5,368	\$10,644	\$12,840	\$24,262	\$41,872	\$41,872	\$41,872									
17	Economic Carrying Charge Rate- Meters and Services (Note 1)				9.57%	9.57%	9.57%	9.57%	9.57%	9.57%	9.57%									
18	Annual Customer-related Marginal Costs- Mains				513.74	1,018.58	1,228.73	2,321.77	4,007.05	4,007.05	4,007.05									
19	Customer accounts cost per Customer	Ln16 * Ln17			179.92	179.92	179.92	179.92	179.92	179.92	179.92									
20	Marginal Delivery Cost- \$ per Customer per Year	Sum Ln18 - Ln19			\$693.66	\$1,198.50	\$1,408.65	\$2,501.69	\$4,186.97	\$4,186.97	\$4,186.97									
21	Per Month				\$57.81	\$99.87	\$117.39	\$208.47	\$348.91	\$348.91	\$348.91									

22 Note 1 - ECCR includes Return on Rate Base, Income tax, O&M expense related to plant, Property tax and A&G adder

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Make-Whole Calculation

As provided in Section IV.2.3 of the Joint Proposal, because Commission approval of this Joint Proposal will occur after April 1, 2020, the Companies will recover the revenue shortfall resulting from the extension of the suspension period through a make whole provision. The make whole provision is designed to ensure the Companies are restored to the same financial position they would have been in had rates gone into effect on April 1, 2020. The following is a summary of the approach to calculating the make whole provision.

Rate Year One

As Rate Year One is already complete, Appendices 3 and 4, Schedule 13.1 provide an illustrative calculation of how the Companies will reconcile actual revenue to the allowed revenue used to develop the revenue requirement for Rate Year One. Appendix 3, Schedule 13.1 and Appendix 4, Schedule 13.1 provide total revenue for KEDNY and KEDLI, respectively, by category that includes base delivery revenue, Merchant Function Charge revenue (MFC), Energy Efficiency Surcharge (ETIP), Clean Energy Fund (CEF), Tax Credit, Rate Year One Revenue Requirement change, Rate Year One Amortization offset, and miscellaneous revenues. The Companies will reconcile any over or under recoveries through reconciliation mechanisms (*i.e.*, the revenue decoupling mechanism (RDM), which includes the delivery revenues plus billing service fee revenue, Non-Firm Demand Response Reconciliation, and Electric Generator Reconciliation). The Companies will not reconcile non-decoupled revenue or miscellaneous revenues (excluding applicable billing service fees for RDM classes). As the MFC and CEF rates were not updated in Rate Year One, they do not need to be addressed in the Make-Whole provision. Therefore, the CEF and the reconcilable components of MFC will be reconciled to their applicable targets.

Rate Year Two

As Rate Year Two has already started, the Companies have proposed to recover the Rate Year Two base delivery net increases and the billing service fees over the compressed period of August 1, 2021 to March 31, 2022. All other revenue (excluding non-decoupled revenue and all miscellaneous revenue items other than billing service fees for RDM classes) will be reconciled through updated Rate Year Two targets established in this Joint Proposal for existing and proposed reconciliation mechanisms, including RDM, Non-Firm Demand Response Reconciliation, and Electric Generator Reconciliation), MFC, and CEF. See Appendices 3 and 4 for applicable schedules showing the Rate Year Two targets for KEDNY and KEDLI, respectively.

To the extent that rates do not become effective by August 1, 2021, the Companies will recalculate the compressed rates for Rate Year Two to reflect the shorter recovery period.

Below is an explanation of how each component of the revenue included in Appendices 3 and 4, Schedule 13.1 was derived.

- “Base Delivery Revenue” (Column A) – Forecast sales volumes multiplied by current tariff base delivery rates
- “Merchant Function Charge Revenue” (Column B) – Forecast sales volumes multiplied by current MFC rates
- “Energy Efficiency Surcharge (ETIP)” (Column C) – Approved NE:NY targets multiplied by an applicable allocation of forecast volumes by service classification for Rate Year One
- “Clean Energy Fund” (Column D) – Approved NE:NY targets multiplied by the applicable allocation of forecast volumes by service classification for Rate Year One
- “Tax Credit” (Column E) – Forecast sales volumes multiplied by Tax Reform Surcredits in effect on the “TRS” statement effective March 1, 2020
- “Gross Margin Revenues at Current Rates” (Column F) – Sum of Columns A - E
- “RY1 Revenue Increase/Decrease” (Column G) – For Rate Year 1, KEDNY will experience a total revenue increase of \$17.392M, which reflects the revenue requirement decrease of \$4.710M, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change savings being eliminated, as shown on Appendix 1, Schedule 3, allocated to the service classifications (excluding electric generators) based on base delivery revenue (Column A). For Rate Year 1, KEDLI will experience a total revenue decrease of \$2.483M, which reflects the revenue requirement decrease of \$22.839M, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change savings being eliminated, as shown on Appendix 2, Schedule 3, allocated to the service classifications (excluding electric generators) based on base delivery revenue (Column A)
- “RY1 Amortization” (Column H) – KEDNY Appendix 1, Schedule 3 sets forth the amortization of the surcredits. KEDLI Appendix 2, Schedule 3 sets forth the amortization of the surcharges.
- “Total RY1 Revenues” (Column I) – Sum of Columns F - H
- “RDM Targets for RY1” (Column J) – Sum of Columns A, C, E, G and H for RDM service classifications. The revenues as shown on Appendices 3 and 4, Schedule 13.1 establish the RDM RY1 targets, which do not include the applicable billing service fee revenues for RDM classes. The total RDM RY1 targets by applicable service classes (including billing service fees) are shown in Appendices 3 and 4, Schedule 7. The RY1 RDM targets will be used in the Companies’ 15-month (January 2020 through March 2021) annual RDM reconciliation to be filed 45 days after an Order is received.
- “Non-Firm Demand Response Targets for RY1” (Column K) – Sum of Columns A, C, E, G, and H for Non-firm service classifications. The revenues as shown on Appendices 3 and 4, Schedule 13.1 establish the Non-Firm Demand Response RY1 targets. The Non-Firm

Demand Response RY1 targets are shown in Appendices 3 and 4, Schedule 5.2. The RY1 Non-Firm Demand Response targets will be used in the Companies' 15-month (January 2020 through March 2021) annual Non-Firm Demand Response reconciliation to be filed 45 days after an Order is received.

- “Electric Generator Revenue Targets for RY1” (Column L) – Columns A, C, E, G and H for electric generator service classifications. The revenues as shown on Appendices 3 and 4, Schedule 13.1 establish the Electric Generator Revenue RY1 targets. The Electric Generator Revenue RY1 targets are shown in Appendices 3 and 4, Schedule 10. The RY1 Electric Generator Revenue targets will be used in the Companies' 15-month (January 2020 through March 2021) annual reconciliation to be filed 45 days after an Order is received.
- “Non-Decoupled Revenues” (Column M) – Sum of Columns A, E, G, and H for non-decoupled service classifications. These revenues have no reconciliation mechanisms.
- “Merchant Function Charge Revenue” (Column N) – Column B. The Merchant Function Charge revenues are reconciled to the targets established in Cases 16-G-0058 and 16-G-0059 because they were not updated for RY1.
- “Clean Energy Fund” (Column O) – Column D. The Clean Energy Fund revenues are not included in base delivery rates and will be reconciled in accordance with the NE:NY Order targets.
- “Total RY1 Revenues” (Column P) – Sum of Columns J through O

Keyspan Gas East Corporation d/b/a National Grid
Make Whole - Revenues
For 12-Months Ending March 31, 2021

Appendix 4, Schedule 1

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Base Delivery Revenue	Merchant Function Charge Revenue	Energy Efficiency Surcharge (ETIPS)	Clean Energy Fund	Tax Credit	Gross Margin Revenues at Current Rates	RY1 Revenue Decrease ⁽¹⁾	RY1 Amortization of Surcharge	Total RY1 Revenues
SC 1A Residential General Sales	\$20,207,426	\$100,146	\$100,092	\$1,597	(\$623,596)	\$19,785,664	(\$66,884)	\$66,884	\$19,785,664
SC 1AR Residential General Discount Sales	\$340,836	\$1,269	\$1,700	\$27	(\$7,899)	\$335,932	(\$1,128)	\$1,128	\$335,932
SC 1A Residential Water Heating Sales	\$13,369,101	\$96,247	\$108,495	\$1,731	(\$599,317)	\$12,976,256	(\$44,250)	\$44,250	\$12,976,256
SC 1AR Residential Water Heating Discount Sales	\$98,658	\$705	\$918	\$15	(\$4,393)	\$95,904	(\$327)	\$327	\$95,904
SC 1B Residential Space Heating Sales	\$441,614,276	\$6,686,885	\$5,366,546	\$85,628	(\$18,542,884)	\$435,210,451	(\$1,461,680)	\$1,461,680	\$435,210,451
SC 1BR Residential Space Heating Discount Sales	\$9,996,364	\$138,152	\$119,283	\$1,903	(\$383,099)	\$9,872,604	(\$33,087)	\$33,087	\$9,872,604
SC 1BDG Residential Distribution Generation Sales	\$5,131	\$199	\$157	\$3	(\$133)	\$5,356	(\$17)	\$17	\$5,356
SC 3B Multi Dwelling Heat Sales	\$6,785,779	\$183,600	\$157,506	\$2,513	(\$229,749)	\$6,899,649	(\$22,460)	\$22,460	\$6,899,649
SC 3A Multi Dwelling Non Heat Sales	\$94,076	\$2,253	\$2,716	\$43	(\$2,819)	\$96,269	(\$311)	\$311	\$96,269
SC 2A Commercial Water Heating Sales	\$122,171	\$1,286	\$1,593	\$25	(\$2,008)	\$123,067	(\$404)	\$404	\$123,067
SC 2B Commercial Space Heating Sales	\$116,596,844	\$2,226,110	\$1,643,219	\$26,219	(\$4,454,047)	\$116,038,345	(\$385,919)	\$385,919	\$116,038,345
SC 2A Commercial General Sales	\$17,468,929	\$337,032	\$480,757	\$7,671	(\$526,250)	\$17,768,139	(\$57,820)	\$57,820	\$17,768,139
SC 15 High Load Factor Service Sales	\$2,941,596	\$151,824	\$193,569	\$3,089	(\$54,220)	\$3,235,857	(\$9,736)	\$9,736	\$3,235,857
SC 16 Space Conditioning Service Sales	\$1,753,588	\$57,416	\$34,212	\$546	(\$63,286)	\$1,782,476	(\$5,804)	\$5,804	\$1,782,476
SC 17 Baseload Distribute Generation Sales (Rate 2)	\$6,825	\$238	\$0	\$0	(\$27)	\$7,036	(\$23)	\$23	\$7,036
SC 9 Natural Gas Vehicles Sales	\$411,277	\$6,359	\$0	\$0	(\$27,878)	\$389,759	(\$1,361)	\$1,361	\$389,759
SC 5-1A Residential General Trans	\$952,060	\$1,607	\$5,383	\$86	(\$30,444)	\$928,691	(\$3,151)	\$3,151	\$928,691
SC 5-1AR Residential General Discount Trans	\$19,032	\$20	\$117	\$2	(\$382)	\$18,789	(\$63)	\$63	\$18,789
SC 5-1A Residential Water Heating Trans	\$725,859	\$1,745	\$6,175	\$99	(\$33,072)	\$700,805	(\$2,402)	\$2,402	\$700,805
SC 5-1AR Residential Water Heating Discount Trans	\$484	\$1	\$12	\$0	(\$19)	\$478	(\$2)	\$2	\$478
SC 5-1B Residential Space Heating Trans	\$23,490,867	\$119,416	\$334,037	\$5,330	(\$1,049,975)	\$22,899,676	(\$77,751)	\$77,751	\$22,899,676
SC 5-1BR Residential Space Heating Discount Trans	\$102,618	\$447	\$1,223	\$20	(\$3,926)	\$100,381	(\$340)	\$340	\$100,381
SC 5-2A Commercial Water Heating Trans	\$59,128	\$514	\$1,895	\$30	(\$2,504)	\$59,063	(\$196)	\$196	\$59,063
SC 5-2B Commercial Space Heating Trans	\$46,068,625	\$343,505	\$802,631	\$12,807	(\$2,143,976)	\$45,083,591	(\$152,481)	\$152,481	\$45,083,591
SC 5-3B Multi Dwelling Heating Trans	\$13,170,994	\$159,196	\$391,191	\$6,242	(\$625,771)	\$13,101,853	(\$43,594)	\$43,594	\$13,101,853
SC 5-3A Multi Dwelling Other Trans	\$324,485	\$2,957	\$10,277	\$164	(\$11,627)	\$326,256	(\$1,074)	\$1,074	\$326,256
SC 5-2A Commercial General Trans	\$15,234,174	\$129,397	\$642,551	\$10,252	(\$630,265)	\$15,386,109	(\$50,423)	\$50,423	\$15,386,109
SC 5-15 High Load Factor Service Trans	\$665,073	\$11,995	\$52,153	\$832	(\$11,157)	\$718,896	(\$2,201)	\$2,201	\$718,896
SC 5-16 Space Conditioning Service Trans	\$8,339,848	\$118,809	\$251,411	\$4,011	(\$341,697)	\$8,372,384	(\$27,604)	\$27,604	\$8,372,384
SC 5-17 Baseload Distribute Generation Trans	\$11,683	\$269	\$0	\$0	(\$90)	\$11,863	(\$39)	\$39	\$11,863
SC 5-9 Natural Gas Vehicles Trans	\$3,865,411	\$25,297	\$0	\$0	(\$264,566)	\$3,626,143	(\$12,794)	\$12,794	\$3,626,143
SC 12 Temperature Control Sales - Rate 1	\$364,100	\$5,385	\$0	\$0	(\$7,135)	\$362,350	(\$1,205)	\$1,205	\$362,350
SC 12 Temperature Control Sales - Rate 2	\$1,634,805	\$31,384	\$0	\$0	(\$41,612)	\$1,624,577	(\$5,411)	\$5,411	\$1,624,577
SC 13 Temperature Control Trans - Rate 1	\$13,187	\$54	\$0	\$0	(\$264)	\$12,977	(\$44)	\$44	\$12,977
SC 13 Temperature Control Trans - Rate 2	\$31,515	\$139	\$0	\$0	(\$673)	\$30,981	(\$104)	\$104	\$30,981
SC 4 Interruptible Sales	\$3,187,105	\$0	\$0	\$0	(\$89,125)	\$3,097,980	(\$10,549)	\$10,549	\$3,097,980
SC 7 Interruptible Trans	\$109,563	\$0	\$0	\$0	(\$25,143)	\$84,420	(\$363)	\$363	\$84,420
SC 7 Small Electric Generator Transport	\$1,910,216	\$0	\$0	\$0	\$0	\$1,910,216	\$0	\$0	\$1,910,216
SC 14 Large Electric Generator Transport	\$36,395,872	\$0	\$0	\$0	\$0	\$36,395,872	\$0	\$0	\$36,395,872
Subtotal Tariff Revenues	\$788,489,580	\$10,941,857	\$10,709,822	\$170,884	(\$30,835,027)	\$779,477,116	(\$2,483,000)	\$2,483,000	\$779,477,116
Add: Miscellaneous Revenues									
Edgar Discount						(\$248,465)			(\$248,465)
Rent From Property						\$429,891			\$429,891
Late Payment Charges						\$4,957,298			\$4,957,298
Misc. Revenue Fees						\$1,416,802			\$1,416,802
Misc. 3rd Party Billing						\$411,320			\$411,320
Billing Service Fee						\$12,847,701			\$12,847,701
Supervision & Admin						\$71,940			\$71,940
Joint Facilities						\$1,520,078			\$1,520,078
Geothermal						\$29,700			\$29,700
Total Revenues						\$800,913,381			\$800,913,381

Notes:

⁽¹⁾ For Rate Year 1, KEDLI will experience a total revenue decrease of \$2.483M, which reflects the revenue requirement decrease of \$22.839M, as well as the impacts of the Energy Efficiency surcharge and sur-credit for the federal tax rate change savings being eliminated, as shown on Appendix 2, Schedule 3, allocated to the service classifications (excluding electric generators) based on base delivery revenue (Column A).

⁽²⁾ RDM total targets by service class are shown in Appendix 4, Schedule 7 which include billing service fees; See JP Section 3.7 for further details regarding the Revenue Decoupling Mechanism

Keyspan Gas East Corporation d/b/a National Grid
Make Whole - Revenues
For 12-Months Ending March 31, 2021

	(J) (A)+(C)+(E)+(G)+(H)	(K) (A)+(C)+(E)+(G)+(H) Non-firm Demand Response Targets for RY1	(L) (A)+(C)+(E)+(G)+(H) Electric Generator Revenue Targets for RY1	(M) (A)+(C)+(E)+(G)+(H) Non-Decoupled Revenues	(N) (B) Merchant Function Charge Revenue	(O) (D) Clean Energy Fund	(P) Sum of (J)-(O) Total RY1 Revenues
SC 1A Residential General Sales	\$19,683,922				\$100,146	\$1,597	\$19,785,664
SC 1AR Residential General Discount Sales	\$334,637				\$1,269	\$27	\$335,932
SC 1A Residential Water Heating Sales	\$12,878,279				\$96,247	\$1,731	\$12,976,256
SC 1AR Residential Water Heating Discount Sales	\$95,184				\$705	\$15	\$95,904
SC 1B Residential Space Heating Sales	\$428,437,938				\$6,686,885	\$85,628	\$435,210,451
SC 1BR Residential Space Heating Discount Sales	\$9,732,548				\$138,152	\$1,903	\$9,872,604
SC 1BDG Residential Distribution Generation Sales				\$5,155	\$199	\$3	\$5,356
SC 3B Multi Dwelling Heat Sales	\$6,713,536				\$183,600	\$2,513	\$6,899,649
SC 3A Multi Dwelling Non Heat Sales	\$93,973				\$2,253	\$43	\$96,269
SC 2A Commercial Water Heating Sales	\$121,755				\$1,286	\$25	\$123,067
SC 2B Commercial Space Heating Sales	\$113,786,016				\$2,226,110	\$26,219	\$116,038,345
SC 2A Commercial General Sales	\$17,423,436				\$337,032	\$7,671	\$17,768,139
SC 15 High Load Factor Service Sales				\$3,080,945	\$151,824	\$3,089	\$3,235,857
SC 16 Space Conditioning Service Sales				\$1,724,515	\$57,416	\$546	\$1,782,476
SC 17 Baseload Distribute Generation Sales (Rate 2)				\$6,798	\$238	\$0	\$7,036
SC 9 Natural Gas Vehicles Sales				\$383,399	\$6,359	\$0	\$389,759
SC 5-1A Residential General Trans	\$926,999				\$1,607	\$86	\$928,691
SC 5-1AR Residential General Discount Trans	\$18,767				\$20	\$2	\$18,789
SC 5-1A Residential Water Heating Trans	\$698,962				\$1,745	\$99	\$700,805
SC 5-1AR Residential Water Heating Discount Trans	\$477				\$1	\$0	\$478
SC 5-1B Residential Space Heating Trans	\$22,774,930				\$119,416	\$5,330	\$22,899,676
SC 5-1BR Residential Space Heating Discount Trans	\$99,915				\$447	\$20	\$100,381
SC 5-2A Commercial Water Heating Trans	\$58,519				\$514	\$30	\$59,063
SC 5-2B Commercial Space Heating Trans	\$44,727,280				\$343,505	\$12,807	\$45,083,591
SC 5-3B Multi Dwelling Heating Trans	\$12,936,415				\$159,196	\$6,242	\$13,101,853
SC 5-3A Multi Dwelling Other Trans	\$323,135				\$2,957	\$164	\$326,256
SC 5-2A Commercial General Trans	\$15,246,460				\$129,397	\$10,252	\$15,386,109
SC 5-15 High Load Factor Service Trans				\$706,069	\$11,995	\$832	\$718,896
SC 5-16 Space Conditioning Service Trans				\$8,249,563	\$118,809	\$4,011	\$8,372,384
SC 5-17 Baseload Distribute Generation Trans				\$11,594	\$269	\$0	\$11,863
SC 5-9 Natural Gas Vehicles Trans				\$3,600,846	\$25,297	\$0	\$3,626,143
SC 12 Temperature Control Sales - Rate 1		\$356,965			\$5,385	\$0	\$362,350
SC 12 Temperature Control Sales - Rate 2		\$1,593,193			\$31,384	\$0	\$1,624,577
SC 13 Temperature Control Trans - Rate 1		\$12,923			\$54	\$0	\$12,977
SC 13 Temperature Control Trans - Rate 2		\$30,842			\$139	\$0	\$30,981
SC 4 Interruptible Sales		\$3,097,980			\$0	\$0	\$3,097,980
SC 7 Interruptible Trans		\$84,420			\$0	\$0	\$84,420
SC 7 Small Electric Generator Transport			\$1,910,216		\$0	\$0	\$1,910,216
SC 14 Large Electric Generator Transport			\$36,395,872		\$0	\$0	\$36,395,872
Subtotal Tariff Revenues	\$707,113,081	\$5,176,323	\$38,306,088	\$17,768,884	\$10,941,857	\$170,884	\$779,477,116
<u>Add: Miscellaneous Revenues</u>							
Edgar Discount							(\$248,465)
Rent From Property							\$429,891
Late Payment Charges							\$4,957,298
Misc. Revenue Fees							\$1,416,802
Misc. 3rd Party Billing							\$411,320
Billing Service Fee							\$12,847,701
Supervision & Admin							\$71,940
Joint Facilities							\$1,520,078
Geothermal							\$29,700
Total Revenues							<u>\$800,913,381</u>

Summary:	
RDM Targets RY1	\$707,113,081
Non-Decoupled Revenues	\$17,768,884
Non-Firm Demand Response Targets RY1	\$5,176,323
Electric Generator Revenue Targets RY1	\$38,306,088
CEF - SBC Surcharge	\$170,884
Merchant Function Revenues	\$10,941,857
Miscellaneous Revenues	\$21,436,265
Rounding variance	\$569
Appendix 2, Schedule 3, Line 1 + Line 4	<u>\$800,913,950</u>

Keyspan Gas East Corporation d/b/a National Grid
Merchant Function Charge
Illustrative Example: Make Whole Calculation of Uncollectible Expenses Associated with Gas Costs

	April 2021 - August 2021
	<u>Loss Revenue</u>
Uncollectible Expenses Associated with Gas Costs	(\$367,803)
Return Requirement on Gas Purchase-Related Working Capital	<u>(\$262,987)</u>
Make Whole Provision to be recorded (reduction in revenues)	(\$630,790)

Keyspan Gas East Corporation d/b/a National Grid
Merchant Function Charge
Illustrative Example: Make Whole Calculation of Uncollectible Expenses Associated with Gas Costs

	Current					Current				
	4/1/2021	5/1/2021	6/1/2021	7/1/2021	8/1/2021	4/1/2021	5/1/2021	6/1/2021	7/1/2021	8/1/2021
1. GAC Forecast (\$/Dt)										
SC 1, 2, 3, & 17	\$ 4.15	\$ 4.07	\$ 4.05	\$ 4.01	\$ 4.01	\$ 4.25	\$ 4.16	\$ 4.14	\$ 4.11	\$ 4.11
SC 15	\$ 3.08	\$ 3.00	\$ 2.98	\$ 2.95	\$ 2.94	\$ 3.15	\$ 3.06	\$ 3.04	\$ 3.00	\$ 3.00
SC 16	\$ 3.42	\$ 3.33	\$ 3.31	\$ 3.28	\$ 3.28	\$ 3.49	\$ 3.40	\$ 3.39	\$ 3.35	\$ 3.35
SC 9	\$ 2.83	\$ 2.74	\$ 2.72	\$ 2.69	\$ 2.69	\$ 2.88	\$ 2.79	\$ 2.77	\$ 2.74	\$ 2.74
TC Sales	\$ 2.81	\$ 2.73	\$ 2.71	\$ 2.67	\$ 2.67	\$ 2.50	\$ 2.42	\$ 2.40	\$ 2.36	\$ 2.36
IT Sales	\$ 2.81	\$ 2.73	\$ 2.71	\$ 2.67	\$ 2.67	\$ 2.50	\$ 2.42	\$ 2.40	\$ 2.36	\$ 2.36
2. Uncollectible % Rates	1.0593%	1.0593%	1.0593%	1.0593%	1.0593%	0.6068%	0.6068%	0.6068%	0.6068%	0.6068%
3. Uncollectible Expenses Associated with Gas Costs (\$/Dt) = (1 X 2)										
SC 1, 2, 3, & 17	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.02	\$ 0.02
SC 15	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
SC 16	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.03	\$ 0.03	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
SC 9	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
TC Sales	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.02	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
IT Sales	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.02	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
4. Uncollectible Expenses Associated with Gas Costs Expenses Total \$										
Volumes (Dt)										
SC 1, 2, 3, & 17	8,678,402	3,947,480	2,655,430	2,129,958	2,134,803	8,678,402	3,947,480	2,655,430	2,129,958	2,134,803
SC 15	158,023	83,285	61,160	54,688	54,304	158,023	83,285	61,160	54,688	54,304
SC 16	42,488	40,095	44,696	47,035	47,019	42,488	40,095	44,696	47,035	47,019
SC 9	5,147	4,857	5,414	5,698	5,696	5,147	4,857	5,414	5,698	5,696
TC Sales	74,420	38,181	22,739	16,058	16,448	74,420	38,181	22,739	16,058	16,448
IT Sales	78,697	74,265	82,787	87,119	87,090	78,697	74,265	82,787	87,119	87,090
Total	9,037,177	4,188,162	2,872,227	2,340,555	2,345,360	9,037,177	4,188,162	2,872,227	2,340,555	2,345,360
5. Total Dollars = (3 X 4)										
SC 1, 2, 3, & 17	\$381,785	\$170,097	\$113,887	\$90,560	\$90,737	\$223,759	\$99,704	\$66,758	\$53,087	\$53,191
SC 15	\$5,163	\$2,646	\$1,931	\$1,706	\$1,693	\$3,017	\$1,546	\$1,128	\$997	\$990
SC 16	\$1,539	\$1,416	\$1,569	\$1,634	\$1,633	\$900	\$828	\$918	\$956	\$955
SC 9	\$154	\$141	\$156	\$162	\$162	\$90	\$82	\$91	\$95	\$95
TC Sales	\$2,217	\$1,103	\$652	\$455	\$466	\$1,130	\$560	\$331	\$230	\$236
IT Sales	\$2,344	\$2,145	\$2,375	\$2,467	\$2,465	\$1,195	\$1,089	\$1,204	\$1,248	\$1,247
Total	\$393,203	\$177,548	\$120,571	\$96,984	\$97,156	\$230,092	\$103,810	\$70,430	\$56,613	\$56,713
Total				\$885,462					\$517,659	
Make Whole Provision to be recorded (reduction in revenues)										(\$367,803)

Keyspan Gas East Corporation d/b/a National Grid
Merchant Function Charge

Illustrative Example: Calculation of Return Requirement on Gas Purchase Related Working Capital Charge

	Current					Current				
	4/1/2021	5/1/2021	6/1/2021	7/1/2021	8/1/2021	4/1/2021	5/1/2021	6/1/2021	7/1/2021	8/1/2021
1. GAC Forecast (\$/Dt)										
SC 1, 2, 3, & 17	\$ 4.15	\$ 4.07	\$ 4.05	\$ 4.01	\$ 4.01	\$ 4.25	\$ 4.16	\$ 4.14	\$ 4.11	\$ 4.11
SC 15	\$ 3.08	\$ 3.00	\$ 2.98	\$ 2.95	\$ 2.94	\$ 3.15	\$ 3.06	\$ 3.04	\$ 3.00	\$ 3.00
SC 16	\$ 3.42	\$ 3.33	\$ 3.31	\$ 3.28	\$ 3.28	\$ 3.49	\$ 3.40	\$ 3.39	\$ 3.35	\$ 3.35
SC 9	\$ 2.83	\$ 2.74	\$ 2.72	\$ 2.69	\$ 2.69	\$ 2.88	\$ 2.79	\$ 2.77	\$ 2.74	\$ 2.74
TC Sales	\$ 2.81	\$ 2.73	\$ 2.71	\$ 2.67	\$ 2.67	\$ 2.50	\$ 2.42	\$ 2.40	\$ 2.36	\$ 2.36
IT Sales	\$ 2.81	\$ 2.73	\$ 2.71	\$ 2.67	\$ 2.67	\$ 2.50	\$ 2.42	\$ 2.40	\$ 2.36	\$ 2.36
2. Lead Lag Rates	7.76%	7.76%	7.76%	7.76%	7.76%	5.11%	5.11%	5.11%	5.11%	5.11%
3. Pre-Tax WACC	9.33%	9.33%	9.33%	9.33%	9.33%	7.85%	7.85%	7.85%	7.85%	7.85%
4. Return Requirement on Gas Purchase-Related Working Capital (\$/Dt) = (1 X 2 X 3)										
SC 1, 2, 3, & 17	\$ 0.03007	\$ 0.02945	\$ 0.02931	\$ 0.02906	\$ 0.02905	\$ 0.01704	\$ 0.01670	\$ 0.01662	\$ 0.01648	\$ 0.01647
SC 15	\$ 0.02233	\$ 0.02171	\$ 0.02158	\$ 0.02132	\$ 0.02131	\$ 0.01262	\$ 0.01227	\$ 0.01220	\$ 0.01205	\$ 0.01205
SC 16	\$ 0.02475	\$ 0.02414	\$ 0.02400	\$ 0.02375	\$ 0.02374	\$ 0.01401	\$ 0.01366	\$ 0.01358	\$ 0.01344	\$ 0.01343
SC 9	\$ 0.02046	\$ 0.01985	\$ 0.01971	\$ 0.01945	\$ 0.01945	\$ 0.01155	\$ 0.01121	\$ 0.01113	\$ 0.01099	\$ 0.01098
TC Sales	\$ 0.02036	\$ 0.01974	\$ 0.01961	\$ 0.01935	\$ 0.01934	\$ 0.01004	\$ 0.00969	\$ 0.00961	\$ 0.00947	\$ 0.00947
IT Sales	\$ 0.02036	\$ 0.01974	\$ 0.01961	\$ 0.01935	\$ 0.01934	\$ 0.01004	\$ 0.00969	\$ 0.00961	\$ 0.00947	\$ 0.00947
5. Return Requirement on Gas Purchase-Related Working Capital Total \$										
Volumes (Dt)										
SC 1, 2, 3, & 17	8,678,402	3,947,480	2,655,430	2,129,958	2,134,803	8,678,402	3,947,480	2,655,430	2,129,958	2,134,803
SC 15	158,023	83,285	61,160	54,688	54,304	158,023	83,285	61,160	54,688	54,304
SC 16	42,488	40,095	44,696	47,035	47,019	42,488	40,095	44,696	47,035	47,019
SC 9	5,147	4,857	5,414	5,698	5,696	5,147	4,857	5,414	5,698	5,696
TC Sales	74,420	38,181	22,739	16,058	16,448	74,420	38,181	22,739	16,058	16,448
IT Sales	78,697	74,265	82,787	87,119	87,090	78,697	74,265	82,787	87,119	87,090
Total	9,037,177	4,188,162	2,872,227	2,340,555	2,345,360	9,037,177	4,188,162	2,872,227	2,340,555	2,345,360
6. Total Dollars = (4 X 5)										
SC 1, 2, 3, & 17	\$260,942	\$116,257	\$77,839	\$61,896	\$62,017	\$147,920	\$65,911	\$44,131	\$35,094	\$35,163
SC 15	\$3,529	\$1,808	\$1,320	\$1,166	\$1,157	\$1,995	\$1,022	\$746	\$659	\$654
SC 16	\$1,052	\$968	\$1,073	\$1,117	\$1,116	\$595	\$548	\$607	\$632	\$632
SC 9	\$105	\$96	\$107	\$111	\$111	\$59	\$54	\$60	\$63	\$63
TC Sales	\$1,515	\$754	\$446	\$311	\$318	\$747	\$370	\$219	\$152	\$156
IT Sales	<u>\$1,602</u>	<u>\$1,466</u>	<u>\$1,623</u>	<u>\$1,686</u>	<u>\$1,685</u>	<u>\$790</u>	<u>\$720</u>	<u>\$796</u>	<u>\$825</u>	<u>\$824</u>
Total	\$268,745	\$121,350	\$82,407	\$66,287	\$66,404	\$152,106	\$68,625	\$46,559	\$37,425	\$37,491
Total				\$605,193					\$342,207	
Make Whole Provision to be recorded (reduction in revenues)										(\$262,987)

Appendix 5

Keyspan Gas East Company d/b/a National Grid NY
Gas Earnings Review - Individual Years for Earnings Sharing
(Millions Dollars)

Individual Years	Earnings Year:	Three Year Gas Settlement			Stay-Out Period	
		Year 1	Year 2	Year 3	Year 4	Stub Period
		TME Mar 31, 2021	TME Mar 31, 2022	TME Mar 31, 2023	TME Mar 31 2024	April - June 2024 (Assumes new rates effective July 1, 2024)
1 Rate Base	\$	3,243.8	\$ 3,484.3	\$ 3,806.2	\$ 4,123.0	\$ 4,202.2
2						
3 Common Equity (Rate base * The imputed common equity ratio of 48%)	\$	1,557.0	\$ 1,672.5	\$ 1,827.0	\$ 1,979.0	\$ 2,017.1
4						
5 ROE's filed in Earnings Reports to the PSC for each resp. year		7.00%	9.80%	10.00%	10.50%	10.50%
6 Subsequent minor revisions (see latest Earnings filing)		0.00%	0.00%	0.00%	0.00%	0.00%
7 Actual ROE used in this filing		7.00%	9.80%	10.00%	10.50%	10.50%
8						
9 Actual (calculated) Net Income for CE	\$	109.0	\$ 163.9	\$ 182.7	\$ 207.8	\$ 15.0
10						
11 ROE Sharing threshold (per JP - IV, Section 4.3)		9.30%	9.30%	9.30%	9.30%	9.30%
12						
13						
14						
15 Earnings Sharing Calculation:						
16						
17						
18						
19						
20	Earnings Sharing Report is due by	Year 1 11/30/21	Year 2 8/31/22	Year 3 8/31/23	Stay-out Period Year 4 8/31/2024 *	Stub Period 11/30/2024 *
21 Actual Net Income	\$	109.0	\$ 163.9	\$ 182.7	\$ 207.8	\$ 15.0
22 Adjustment to exclude amounts previously in excess of Earnings threshold	\$	-	\$ -	\$ 4.2	\$ 10.4	\$ 25.3
23 Adjusted Net Income	\$	109.0	\$ 163.9	\$ 186.9	\$ 218.2	\$ 40.3
24 Common equity (after exclusion of Goodwill) at a 48% equity ratio - Stub Period						\$ 2,017.1
25 Operating Revenues Ratio (Jan-Jun)						18.47%
26 Common equity (after exclusion of Goodwill) at a 48% equity ratio	\$	1,557.0	\$ 1,672.5	\$ 1,827.0	\$ 1,979.0	\$ 372.6
27 Actual ROE (Net Income / Equity)		7.00%	9.80%	10.23%	11.03%	10.82%
28 ROE Threshold (weighted avg)		9.30%	9.30%	9.30%	9.30%	9.30%
29 Difference		-2.30%	0.50%	0.93%	1.73%	1.52%
30 Actual Common Equity	\$	1,557.0	\$ 1,672.5	\$ 1,827.0	\$ 1,979.0	\$ 372.6
31 After-tax Earnings Between Threshold and 9.8%	\$	-	\$ 8.4	\$ 9.1	\$ 9.9	\$ 1.9
32 After-tax Earnings Between 9.8% and 10.3%	\$	-	\$ -	\$ 7.8	\$ 9.9	\$ 1.9
33 After-tax Earnings Over 10.3%	\$	-	\$ -	\$ -	\$ 14.4	\$ 1.9
34 Deferral of 50% of amount Between Threshold and 9.8%, for benefit of Customers	\$	-	\$ 4.2	\$ 4.6	\$ 4.9	\$ 0.9
35 Deferral of 75% of amount Between 9.8% and 10.3%, for benefit of Customers	\$	-	\$ -	\$ 5.9	\$ 7.4	\$ 1.4
36 Deferral of 90% of amount Over 10.3%	\$	-	\$ -	\$ -	\$ 13.0	\$ 1.7
37 Total Deferral for benefit of Customers (after-tax \$)	\$	-	\$ 4.2	\$ 10.4	\$ 25.3	\$ 4.1
38 Combined Federal & State Income Tax Rate		27.62%	27.62%	27.62%	27.62%	27.62%
39 Total Deferral grossed up for income taxes (pre-tax \$)	\$	-	\$ 5.8	\$ 14.4	\$ 35.0	\$ 5.6
40 Carrying Costs	\$	-	\$ 0.2	\$ 0.7	\$ 2.2	\$ 0.9
41 Total Deferral Including Carrying Costs	\$	-	\$ 5.9	\$ 15.1	\$ 37.2	\$ 6.5
42 Cumulative Deferral	\$	-	\$ 5.9	\$ 21.1	\$ 58.3	\$ 64.7

Line Notes

- 3 Actual ROE calculation will use an imputed common equity ratio of 48% as described in JP Section 4.4
- 5 Original ROE's in annual Gas earnings filings for respective periods
- 6 Impacts of ROE revisions shown in filing support (discovered after original filings)
- 7 Actual ROE used in the earnings sharing calculation
- 9 Line 7 x Line 3 (ROE x CE) & ((PY Line 9 + Line 22) * Line 25 - PY Line 37) for stub period)
- 11 JP - IV, Section 4.4
- 21 Appropriate years line 9
- 22 Adjustment to exclude amounts previously in excess of Earnings threshold (Line 36 + Line 40)
- 23 Line 21 + Line 22
- 24 Common Equity Ratio for Stub Period
- 25 Operating Income Ratio for Stub Period (Apr-Jun)
- 26 Appropriate years line 3 (Line 24 * Line 25 for stub period)
- 27 Line 23 / Line 26
- 28 Weighted average of line 11
- 29 Line 27 - Line 28
- 30 Appropriate years line 3 (Line 24 * Line 25 for stub period)
- 31 Line 27 Between Cap and 9.8% * Line 30
- 32 Line 27 Between 9.8% and 10.3% * Line 30
- 33 Line 27 Greater than 10.3% * Line 30
- 34 Line 31 * 50%
- 35 Line 32 * 75%
- 36 Line 33 * 90%
- 37 Line 34 + Line 35 + Line 36
- 38 Federal rate 21.0%, NYS 6.5% and MTA Surcharges 1.88%
- 39 Line 37 / (1- Line 38)
- 40 Carrying Costs at the Pre-Tax Weighted Cost of Capital on the Deferral Balance Net of Deferred Taxes
- 41 Line 39 + Line 40
- 42 Prior Year Line 42 + Line 41

* Note: For the period following the Rate Plan, KEDLI will not be permitted to recover incremental revenues through the mechanisms described in Section 12.2 of the Joint Proposal to the extent they cause the affected Company to earn an ROE in excess of 8.8 percent during the period in which the mechanisms are in effect.

The Brooklyn Union Gas Company d/b/a National Grid NY Gas
Earnings Review - Individual Years for Earnings Sharing
(Millions Dollars)

Individual Years	Earnings Year:	Three Year Gas Settlement			Stay-Out Period	
		Year 1	Year 2	Year 3	Year 4	Stub Period
		TME Mar 31, 2021	TME Mar 31, 2022	TME Mar 31, 2023	TME Mar 31 2024	April - June 2024 (Assumes new rates effective July 1, 2024)
1 Rate Base	\$	4,921.9	\$ 5,392.8	\$ 5,840.5	\$ 6,310.3	\$ 6,427.8
2						
3 Common Equity (Rate base * The imputed common equity ratio of 48%)	\$	2,362.5	\$ 2,588.5	\$ 2,803.5	\$ 3,029.0	\$ 3,085.3
4						
5 ROE's filed in Earnings Reports to the PSC for each resp. year		7.00%	9.80%	10.00%	10.50%	10.50%
6 Subsequent minor revisions (see latest Earnings filing)		0.00%	0.00%	0.00%	0.00%	0.00%
7 Actual ROE used in this filing		7.00%	9.80%	10.00%	10.50%	10.50%
8						
9 Actual (calculated) Net Income for CE	\$	165.4	\$ 253.7	\$ 280.3	\$ 318.0	\$ 22.5
10						
11 ROE Sharing threshold (per JP - IV, Section 4.3)		9.30%	9.30%	9.30%	9.30%	9.30%
12						
13						
14						
15 Earnings Sharing Calculation:						
16						
17						
18						
19						
20						
	Earnings Sharing Report is due by	Year 1 11/30/21	Year 2 8/31/22	Year 3 8/31/23	Stay-out Period Year 4 8/31/2023 *	Stub Period 11/30/2024 *
21 Actual Net Income	\$	165.4	\$ 253.7	\$ 280.3	\$ 318.0	\$ 22.5
22 Adjustment to exclude amounts previously in excess of Earnings threshold	\$	-	\$ -	\$ 6.5	\$ 16.0	\$ 38.8
23 Adjusted Net Income	\$	165.4	\$ 253.7	\$ 286.8	\$ 334.0	\$ 61.3
24 Common equity (after exclusion of Goodwill) at a 48% equity ratio - Stub Period						\$ 3,085.3
25 Operating Revenues Ratio (Jan-Jun)						18.36%
26 Common equity (after exclusion of Goodwill) at a 48% equity ratio	\$	2,362.5	\$ 2,588.5	\$ 2,803.5	\$ 3,029.0	\$ 566.5
27 Actual ROE (Net Income / Equity)		7.00%	9.80%	10.23%	11.03%	10.83%
28 ROE Threshold (weighted avg)		<u>9.30%</u>	<u>9.30%</u>	<u>9.30%</u>	<u>9.30%</u>	<u>9.30%</u>
29 Difference		-2.30%	0.50%	0.93%	1.73%	1.53%
30 Actual Common Equity	\$	2,362.5	\$ 2,588.5	\$ 2,803.5	\$ 3,029.0	\$ 566.5
31 After-tax Earnings Between Threshold and 9.8%	\$	-	\$ 12.9	\$ 14.0	\$ 15.1	\$ 2.8
32 After-tax Earnings Between 9.8% and 10.3%	\$	-	\$ 0.0	\$ 12.1	\$ 15.1	\$ 2.8
33 After-tax Earnings Over 10.3% (Over 8.8% Stay-Out Period)	\$	-	\$ -	\$ -	\$ 22.1	\$ 3.0
34 Deferral of 50% of amount Between Threshold and 9.8%, for benefit of Customers	\$	-	\$ 6.5	\$ 7.0	\$ 7.6	\$ 1.4
35 Deferral of 75% of amount Between 9.8% and 10.3%, for benefit of Customers	\$	-	\$ 0.0	\$ 9.0	\$ 11.4	\$ 2.1
36 Deferral of 90% of amount Over 10.3% (100% of amount Over 8.8% Stay-Out Period)	\$	-	\$ -	\$ -	\$ 19.9	\$ 2.7
37 Total Deferral for benefit of Customers (after-tax \$)	\$	-	\$ 6.5	\$ 16.0	\$ 38.8	\$ 6.2
38 Combined Federal & State Income Tax Rate		<u>27.62%</u>	<u>27.62%</u>	<u>27.62%</u>	<u>27.62%</u>	<u>27.62%</u>
39 Total Deferral grossed up for income taxes (pre-tax \$)	\$	-	\$ 9.0	\$ 22.2	\$ 53.6	\$ 8.6
40 Carrying costs	\$	-	\$ 0.3	\$ 1.2	\$ 3.4	\$ 1.3
41 Total Deferral Including Carrying Costs	\$	-	\$ 9.2	\$ 23.4	\$ 57.0	\$ 9.9
42 Cumulative Deferral	\$	-	\$ 9.2	\$ 32.6	\$ 89.5	\$ 99.5

Line Notes

- 3 Actual ROE calculation will use an imputed common equity ratio of 48% as described in JP Section 4.4
- 5 Original ROE's in annual Gas earnings filings for respective periods
- 6 Impacts of ROE revisions shown in filing support (discovered after original filings)
- 7 Actual ROE used in the earnings sharing calculation
- 9 Line 7 x Line 3 (ROE x CE) & ((PY Line 9 + Line 22) * Line 25 - PY Line 37) for stub period)
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- 33 Line 27 Greater than 10.3% (8.8% Stay-Out Period) * Line 30
- 34 Line 31 * 50%
- 35 Line 32 * 75%
- 36 Line 33 * 90% (100% Stay-Out Period)
- 37 Line 34 + Line 35 + Line 36
- 38 Federal rate 21.0%, NYS 6.5% and MTA Surcharges 1.88%
- 39 Line 37 / (1- Line 38)
- 40 Carrying Costs at the Pre-Tax Weighted Cost of Capital on the Deferral Balance Net of Deferred Taxes
- 41 Line 39 + Line 40
- 42 Prior Year Line 42 + Line 41

* Note: For the period following the Rate Plan, KEDNY will not be permitted to recover incremental revenues through the mechanisms described in Section 12.2 of the Joint Proposal to the extent they cause the affected Company to earn an ROE in excess of 8.8 percent during the period in which the mechanisms are in effect.

Appendix 6

The Brooklyn Union Gas Company d/b/a National Grid NY
Forecast Balances of Gas Rate Base Regulatory Assets & Liabilities
For the Rate Year Ending March 31, 2021
(\$000's)

<u>Activity</u>	<u>Description</u>	<u>Avg Bal</u> <u>HYE 12/31/2018</u>	<u>Actual</u> <u>Balance at</u> <u>12/31/2018</u>	<u>Forecast</u> <u>Balance at</u> <u>3/31/2020</u>	<u>Mechanism</u> <u>Ongoing/</u> <u>Discontinued/</u> <u>Proposed</u>	<u>Carrying Charges</u>
Regulatory Assets & Liabilities with Proposed Surcharge with No Interest EXCLUDED from Rate Base						
U1823253	Pension Exp Deferred	\$ 139,455	\$ 141,105	\$ 138,076	On-Going	None
U1823254	OPEB Exp Deferred	(69,716)	(75,531)	(90,606)	On-Going	None
Total of Accounts w/ Recovery but NOT in Rate Base		<u>\$ 69,739</u>	<u>\$ 65,575</u>	<u>\$ 47,470</u>		
Regulatory Assets & Liabilities with Proposed Surcharge with Interest EXCLUDED in Rate Base						
U1823052	ESCO HEPPA	\$ 2,808	\$ -	\$ -	Discontinued	Yes - Pre Tax WACOC
U1823055	TBA-Specl Franchise	(9,377)	-	-	Discontinued	Yes - Pre Tax WACOC
U1823059	MTA Gross Income	2,439	2,671	2,671	On-Going	Yes - Pre Tax WACOC
U1823066	Spl Franch Post 07	(1,479)	-	-	On-Going	Yes - Pre Tax WACOC
U1823067	Int on Def Reg Asset	16,819	13,481	22,854	On-Going	N/A
U1823069	Rate Mitigation	7,805	7,805	7,805	Discontinued	Yes - Pre Tax WACOC
U1823074	Capital Tracker	57,112	18,971	18,971	Discontinued	Yes - Pre Tax WACOC
U1823284	TC IT Sharing	103,855	103,855	103,855	Discontinued	Yes - Pre Tax WACOC
U1823331	GSRS Surcharge/Refun	1,745	1,034	1,034	On-Going	Yes - Pre Tax WACOC
U1823347	Econom Prgm 13-G-001	8,054	8,056	8,056	Discontinued	Yes - Pre Tax WACOC
U1823702	Exogenous Event Defe	24,471	53,742	108,964	Discontinued	Yes - Pre Tax WACOC
U1823744	SIR Def 16-G-0058/00	176,703	167,456	144,305	Discontinued	Yes - Pre Tax WACOC
U1823753	TC IT Interest Def	11,021	13,209	19,234	Discontinued	N/A
U1823767	SIRDeferral-CarryChg	14,131	17,617	25,427	On-Going	N/A
U2540065	Cost to Achieve	(9,596)	(9,596)	(9,596)	Discontinued	Yes - Pre Tax WACOC
U2540076	TAC Imbalance Refund	(247)	(404)	(404)	On-Going	Yes- Other Customer Capital Rate
U2540105	Excess Earnings	(85,409)	(23,926)	(23,926)	Discontinued	Yes - Pre Tax WACOC
U2540160	EE Surcharge-Gas	(9,659)	(11,976)	(11,976)	On-Going	Yes - Other Customer Capital Rate
U2540197	Rate Subj to Refund	(13,337)	(13,337)	(13,337)	Discontinued	Yes - Pre Tax WACOC
U2540200	Merchant Backout CR	21,434	-	-	Discontinued	Yes - Pre Tax WACOC
U2540201	TBA-Meter Testing	(9,555)	(9,555)	(9,555)	Discontinued	Yes - Pre Tax WACOC
U2540203	Cons Outreach And Ed	1,224	-	-	Discontinued	Yes - Pre Tax WACOC
U2540205	Int on Deferred Item	(41,827)	(44,502)	(60,099)	On-Going	N/A
U2540206	Marketer's Incentive	6,465	-	-	Discontinued	Yes - Pre Tax WACOC
U2540207	TBA-Newtown Property	(6,897)	(6,897)	(6,897)	Discontinued	Yes - Pre Tax WACOC
U2540208	Del Service Charge	22,959	-	-	Discontinued	Yes - Pre Tax WACOC
U2540209	TBA-CIAC Settlement	(1,500)	(1,500)	(1,500)	Discontinued	Yes - Pre Tax WACOC
U2540211	EDI,VCC,SBO Tran	6,593	-	-	Discontinued	Yes - Pre Tax WACOC
U2540212	Transition Charges	(19,290)	(19,290)	(19,290)	Discontinued	Yes - Pre Tax WACOC
U2540217	Env Recoveries	(0)	(6)	(6)	On-Going	Yes - Pre Tax WACOC
U2540218	TBA-Avoided Costs	(76)	(76)	(76)	Discontinued	Yes - Pre Tax WACOC
U2540219	Transp Service Adj	(557)	(557)	(557)	Discontinued	Yes - Pre Tax WACOC
U2540225	Prop Tax Exp-ServCo	(24)	(24)	(24)	Discontinued	Yes - Pre Tax WACOC
U2540232	Capital Tracker	(32,634)	-	-	Discontinued	Yes - Pre Tax WACOC
U2540234	Coney Is Prop Sale	(12,105)	(12,105)	(12,105)	Discontinued	Yes - Pre Tax WACOC
U2540235	Gas Safety	(9,362)	(9,362)	(9,362)	Discontinued	Yes - Pre Tax WACOC
U2540334	NY Fac Sys Surch cr	(58)	(384)	(384)	On-Going	Yes - Pre Tax WACOC
U2540553	Gas Millennium Fund	(652)	(1,128)	(1,128)	On-Going	Yes - Pre Tax WACOC
U2540605	Misc Penalties	(19,095)	(21,162)	(21,162)	On-Going	Yes - Pre Tax WACOC
U2540710	Property Tax Exp Def	(468)	(11,241)	(26,581)	On-Going	Yes - Pre Tax WACOC
U2540751	CapTracker Def-58/59	(5,972)	-	22,411	On-Going	Yes - Pre Tax WACOC
U2540754	SIR Exp Def Post 16	(10,682)	(14,761)	(3,306)	On-Going	Yes - Pre Tax WACOC
U2540791	NYF Interest	(0)	(5)	(5)	On-Going	N/A
Total of Accounts w/ Recovery but NOT in Rate Base		<u>\$ 185,779</u>	<u>\$ 196,102</u>	<u>\$ 254,311</u>		

The Brooklyn Union Gas Company d/b/a National Grid NY
Forecast Balances of Gas Rate Base Regulatory Assets & Liabilities
For the Rate Year Ending March 31, 2021
(\$000's)

<u>Activity</u>	<u>Description</u>	<u>Avg Bal</u> <u>HYE 12/31/2018</u>	<u>Actual</u> <u>Balance at</u> <u>12/31/2018</u>	<u>Forecast</u> <u>Balance at</u> <u>3/31/2020</u>	<u>Mechanism</u> <u>Ongoing/</u> <u>Discontinued/</u> <u>Proposed</u>	<u>Carrying Charges</u>
Other Regulatory Assets & Liabilities Included in Rate Base						
U1823078	Rate Case Expense	\$ 558	\$ 372	(0)	Discontinued	None
U2540708	Rate Case Exp (G)	-	-	963	On-Going	None
Subtotal Other Reg. Assets in Rate Base		<u>\$ 558</u>	<u>\$ 372</u>	<u>\$ 963</u>		
Other Regulatory Assets & Liabilities Excluded from Rate Base						
U1823043	Asset Ret Obligation	\$ 8,013	\$ 8,553	8,553	On-Going	None
U1823049	Deferred Gas Costs	19,500	-	-	On-Going	None
U1823064	MGP Ins Cost Recovry	1,270,234	1,300,217	1,300,217	On-Going	Yes - Pre Tax WACOC
U18230640	Environmental Reserve - Offset	(1,271,753)	(1,302,249)	(1,302,249)	On-Going	None
U1823070	Gas Futures-Supply	9,761	16,586	16,586	On-Going	None
U1823075	Temp St Assmnt 18-A	2,484	2,454	2,454	Discontinued	Yes - Pre Tax WACOC
U1823158	FAS158-Pension	103,468	89,922	89,922	On-Going	None
U1823159	FAS158-OPEB	1,312	(4,500)	(4,500)	On-Going	None
U1823193	Interest GAC Sur	71	152	152	On-Going	None
U1823194	MFC-Merch Func Chrg	117	-	-	On-Going	Yes - Pre Tax WACOC
U1823195	RDM Rev Decoupling	1,294	9,321	9,321	On-Going	Yes - Pre Tax WACOC
U1823274	Low Income Program	13,826	13,733	13,733	On-Going	Yes - Pre Tax WACOC
U1823277	Energy Effic Prog	191	-	-	On-Going	Yes - Other Customer Capital Rate
U1823281	OffSys Sales-Profit	1,478	727	727	On-Going	None
U1823282	Def GRI Surchrg/Exp	11	-	-	On-Going	Yes - Pre Tax WACOC
U1823289	Int Low Inc Subsidy	400	466	466	On-Going	N/A
U1823300	GAC Imbalance	5,767	17,658	17,658	On-Going	Yes - Other Customer Capital Rate
U1823332	Interest TCITRevenue	34	18	18	On-Going	N/A
U1823729	MFC - Imbalance	1,585	1,343	1,343	On-Going	Yes-Other Customer Capital Rate
U1823731	Sys Perf Adj (SPA)	901	560	560	On-Going	Yes - Other Customer Capital Rate
U1823735	Interest MFC Imb Sur	43	73	73	On-Going	N/A
U1823742	Variable Debt True	5,056	8,578	17,403	Discontinued	Yes - Pre Tax WACOC
U1823746	Levelization Rate De	100,124	106,444	(27,011)	Discontinued	Yes - Pre Tax WACOC
U1823748	TC IT Rev Def 16-G-0	11,746	13,361	13,361	On-Going	Yes - Pre Tax WACOC
U1823750	RDM Interest	25	-	-	On-Going	N/A
U1823768	Positive Rev Incent	1,936	2,445	2,445	On-Going	Yes - Pre Tax WACOC
U2540002	Energy Efficiency	(15,870)	(29,300)	(29,300)	On-Going	Yes - Other Customer Capital Rate
U2540009	Int Pipeline Refund	(0)	(0)	(0)	On-Going	N/A
U2540010	Int Deferred TAC	(1)	(1)	(1)	On-Going	N/A
U2540012	Revenue Decoupling	(25,346)	-	-	On-Going	Yes - Pre Tax WACOC
U2540049	Deferred Gas Costs	(749)	(411)	(411)	On-Going	None
U2540051	Pipeline Refunds	(48)	(12)	(12)	On-Going	Yes - Other Customer Capital Rate
U2540052	Marketer Pen Ref	(918)	(2,209)	(2,209)	On-Going	None
U2540053	GAC Imbalance Refund	(414)	-	-	On-Going	Yes- Other Customer Capital
U2540107	Exc ResvTax Gas	(19,449)	(38,219)	(38,219)	Discontinued	Yes - Pre Tax WACOC
U2540194	Merchant Func Chrg	(201)	(665)	(665)	On-Going	None
U2540196	RDM Unbilled	(46,654)	(75,665)	(75,665)	On-Going	None
U2540204	Deferred Rate Case T	(10,075)	(16,043)	(18,636)	Discontinued	Yes - Pre Tax WACOC
U2540231	Del Rate Adj	(44,974)	(44,974)	(44,974)	Discontinued	Yes - Pre Tax WACOC
U2540236	Pens/OPEB Res Liab	(11,892)	(12,806)	(12,806)	On-Going	Yes - Pre Tax WACOC
U2540280	Int SBC Costs Def	(6,556)	(6,552)	(6,552)	On-Going	N/A
U2540281	OffSys Sales-Profit	(663)	-	-	On-Going	None
U2540290	Def TC Penalty Chg	(1,221)	(625)	(625)	On-Going	None
U2540327	Low Income Prg 0058/	(13,515)	(13,523)	(13,523)	On-Going	Yes - Pre Tax WACOC
U2540333	Interest Enrgy Affrd	(64)	(365)	(1,090)	On-Going	N/A
U2540569	Gas Futures-Gas Sply	(2,098)	(2,043)	(2,043)	On-Going	None
U2540736	CEF Def-Gas	(18,636)	(7,297)	(7,297)	On-Going	Yes - Other Customer Capital Rate
U2540738	Elec Generat Rev Def	(1,214)	(3,639)	(3,639)	On-Going	None
U2540740	Conversion Reb Def	(280)	(309)	(309)	Discontinued	Yes - Pre Tax WACOC
U2540745	New Hire True up Def	(448)	(472)	(472)	Discontinued	Yes - Pre Tax WACOC
U2540747	Third-Party Fee Def	(542)	(734)	(734)	Discontinued	Yes - Pre Tax WACOC
U2540749	Econ Dev 16-G-0058/0	(2,833)	(4,000)	(4,732)	On-Going	Yes - Pre Tax WACOC
U2540750	RDM Interest	(88)	(140)	(140)	On-Going	N/A
U2540752	EES Interest	(193)	(269)	(944)	On-Going	N/A
U2540778	Energy Affordability	(6,181)	(11,309)	(11,309)	On-Going	Yes - Pre Tax WACOC
U2540780	Clean Energy Fund Ga	(68)	(161)	(161)	On-Going	N/A
Total of Accounts w/ Recovery but NOT in Rate Base		<u>\$ 56,433</u>	<u>\$ 14,119</u>	<u>\$ (115,236)</u>		
Other Assets & Liabilities Included in Rate Base						
C1810000	Unamortized Debt Exp	\$ 9,868	\$ 10,387	\$ 15,806	On-Going	None
U1810000	Unamortized Debt Exp	3,579	3,578	2,535	On-Going	None
C1866122	Cost Sharing Agreeem	22,083	16,176	22,111	On-Going	None
Subtotal Other Reg. Liabilities in Rate Base		<u>\$ 35,530</u>	<u>\$ 30,141</u>	<u>\$ 40,452</u>		
Net Reg Assets & Liabilities Included in Rate Base						
		<u>\$ 36,088</u>	<u>\$ 30,513</u>	<u>\$ 41,415</u>		

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of Carrying Charges on Deferrals
(\$000's)

<u>Month</u>	(a) <u>Beginning Balance</u>	(b) <u>Spending in Excess of Threshold</u>	(c) <u>Interest Rate</u> 7.95%	(d) <u>Interest</u>	(e) <u>Ending Balance</u>
Apr-20	-	(479,166.67)	0.66%	(1,148.58)	(479,166.67)
May-20	(479,166.67)	(479,166.67)	0.66%	(3,445.73)	(958,333.34)
Jun-20	(958,333.34)	(479,166.67)	0.66%	(5,742.89)	(1,437,500.01)
Jul-20	(1,437,500.01)	(479,166.67)	0.66%	(8,040.04)	(1,916,666.68)
Aug-20	(1,916,666.68)	(479,166.67)	0.66%	(10,337.20)	(2,395,833.35)
Sep-20	(2,395,833.35)	(479,166.67)	0.66%	(12,634.36)	(2,875,000.02)
Oct-20	(2,875,000.02)	1,520,833.33	0.66%	(10,137.45)	(1,354,166.69)
Nov-20	(1,354,166.69)	1,520,833.33	0.66%	(2,846.48)	166,666.64
Dec-20	166,666.64	1,520,833.33	0.66%	4,444.50	1,687,499.97
Jan-21	1,687,499.97	520,833.33	0.66%	9,338.44	2,208,333.30
Feb-21	2,208,333.30	520,833.33	0.66%	11,835.35	2,729,166.63
Mar-21	2,729,166.63	520,833.37	0.66%	14,332.26 (14,382.19)	3,250,000.00

Column Notes:

- Column (a) Prior month Column (e)
- Column (b) Actual monthly deferred spending
- Column (c) Pre-Tax WACC of 7.95% divided by 12
- Column (d) Column (c) times (Column (a) + Column (b) / 2) * 72.36%
- Column (e) Column (a) + Column (b) - NOTE interest will be booked it a separate deferral account with interest

Note: This example calculation is for a deferral that carrying charges can be calculated monthly. Some carrying charges will be applied on an annual basis and would use the annual carrying charge rate.

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Rate Base Regulatory Assets & Liabilities
For the Rate Year Ending March 31, 2021
Proposed Deferrals

Description

Reconnect Fees Waiver

Customer Connections two way tracker

Newtown Creek RNG Interconnections Project

Paving

Reference

Appendix 6, Schedule 17

Appendix 6, Schedule 14

Appendix 6, Schedule 16

Appendix 6, Schedule 15

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Pension and OPEB Expense
Illustrative Example
(\$000's)

PENSION EXAMPLE

	<u>Rate Year Ending March 31, 2021</u>	<u>Data Year Ending March 31, 2022</u>	<u>Data Year Ending March 31, 2023</u>
1 Actual Expense	\$ 15,000	\$ 7,000	\$ 1,000
2 Rate Allowance	<u>\$ 11,423</u>	<u>\$ 8,505</u>	<u>\$ (1,044)</u>
3 Amount Deferred to (from) customers	<u><u>\$ (3,577)</u></u>	<u><u>\$ 1,505</u></u>	<u><u>\$ (2,044)</u></u>

Notes (by line number)

- 1 Input Actual costs
- 2 Forecasted Rate Year expense. See Page 2 of 2, Line 3. See Joint Proposal Section 8.1.1.
- 3 Line 2 less Line 1

OPEB EXAMPLE

	<u>Rate Year Ending March 31, 2021</u>	<u>Data Year Ending March 31, 2022</u>	<u>Data Year Ending March 31, 2023</u>
4 Actual Expense	\$ 1,000	\$ (3,000)	\$ (4,000)
5 Rate Allowance	<u>\$ (2,412)</u>	<u>\$ (2,802)</u>	<u>\$ (3,339)</u>
6 Amount Deferred to (from) customers	<u><u>\$ (3,412)</u></u>	<u><u>\$ 198</u></u>	<u><u>\$ 661</u></u>

Notes (by line number)

- 4 Input Actual costs
- 5 Forecasted Rate Year expense. See Page 2 of 2, Line 6. See Joint Proposal Section 8.1.1.
- 6 Line 5 less Line 4

The Brooklyn Union Gas Company d/b/a National Grid NY
Pension & OPEB Expense
Final Settlement
For the Rate Years Ending March 31, 2021, March 31, 2022, and March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
Pension			
1	11,312.9	8,163.1	(1,431.2)
2	110.0	342.3	386.7
3	11,422.9	8,505.4	(1,044.5)
OPEB			
4	(2,388.6)	(2,729.9)	(3,257.0)
5	(23.2)	(72.3)	(81.6)
6	(2,411.8)	(2,802.2)	(3,338.6)

Notes (by line number)

- 1 Exhibit ____ (RRP-3), Schedule 16
- 2 Exhibit ____ (RRP-3), Schedule 27
- 3 Line 1 + Line 2
- 4 Exhibit ____ (RRP-3), Schedule 11
- 5 Exhibit ____ (RRP-3), Schedule 27
- 6 Line 4 + Line 5

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Low Income Discount Program
Illustrative Example
(\$000's)

EXAMPLE

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 30,000	\$ 35,000	\$ 40,000
2 Rate Allowance	<u>\$ 38,450</u>	<u>\$ 38,450</u>	<u>\$ 38,450</u>
3 Amount Deferred to (from) customers	<u><u>\$ 8,450</u></u>	<u><u>\$ 3,450</u></u>	<u><u>\$ (1,550)</u></u>

Notes (by line number)

- 1 Actual expense - Discounts plus NYC file matching costs
- 2 Forecasted Rate Year expense. See Joint Proposal Section IV. 11.2.1
- 3 Line 2 less Line 1

The Brooklyn Union Gas Company d/b/a National Grid NY
SIR Surcharge Mechanism and Deferral with Annual Reconciliation
Illustrative Example
(\$000's)

<u>Threshold Calculation:</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY2024</u>
1 Annual Operating Revenue Amount As Reported in PSC Annual	1,708,000	1,708,000	1,742,160	1,772,241
2 Maximum Threshold Amount Capped at 2% of Operating Revenues	34,160	34,160	34,843	35,445
<u>Surcharge Calculation:</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY2024</u>
3 Allowed Surcharge Cannot Exceed:	34,160	34,160	34,843	35,445
4 Annual Rate Allowance	70,920	70,920	70,920	70,920
5 Actual Spend	80,000	100,000	97,000	68,000
6 Annual Difference of Rate Allowance to Actual Spend	9,080	29,080	26,080	(2,920)
7 Rollover from Prior Year	-	9,080	4,001	-
8 Cumulative Deferral for Surcharge	9,080	38,161	30,081	(2,920)
9 Eligible Amounts for Surcharge	-	34,160	30,081	-
10 Amount Subject to Rollover in following year	9,080	4,001	-	(2,920)
<u>Deferral Amounts:</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY2024</u>
11 Annual Difference of Rate Allowance to Actual Spend	9,080	29,080	26,080	(2,920)
12 SIR Surcharge Recovery	-	-	34,160	30,081
13 Total Deferral Subject to Surcharge Trigger of \$25,000,000	9,080	38,161	30,081	(2,920)
<u>Total Surcharge Amounts:</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY2024</u>
14 Surcharge Enacted	-	-	34,160	30,081
15 Total Surcharge	-	-	34,160	30,081

- 1 PSC Annual p.114 Ln 2
- 2 Line 1 x 2.0%
- 3 Line 2
- 4 Annual Rate Allowance
- 5 Actual Spend Amounts will be provided by Environmental Group
- 6 Line 5 minus Line 4
- 7 Line 10 previous FY
- 8 Line 5 minus Line 4 + Line 7
- 9 Line 8 if Line 8 > = \$25,000 and < Line 3; Line 3 if Line 8 > = to Line 3 and \$0 if Line 8 < \$25,000
- 10 Line 8 minus Line 9
- 11 Line 6
- 12 Line 9 previous FY
- 13 Cumulative Over/ Underspend less Recovery
- 14 Line 12
- 15 Line 14

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Property Tax Expense
(\$000's)

<u>EXAMPLE</u>	FY21	FY22	FY23
	Rate Year One	Rate Year Two	Rate Year Three
1 Actual Expense	\$ 188,000.0	\$ 190,000.0	\$ 220,000.0
2 Rate Allowance	\$ 166,823.5	\$ 199,353.9	\$ 232,599.6
3 Under (over) spending	\$ (21,176.5)	\$ 9,353.9	\$ 12,599.6
4 Customer share of under (over) spending	90%	90%	90%
5 Amount Deferred to (from) Customers	\$ (19,058.9)	\$ 8,418.5	\$ 11,339.6
6 Company share of under (over) spending	10%	10%	10%
7 Company share of under (over) spending, before cap	\$ (2,117.7)	\$ 935.4	\$ 1,260.0
8 Basis Point Cap	7.5	5.0	2.5
9 Value of One Basis Point	\$ 326.4	\$ 357.6	\$ 387.3
10 Cap on Company Share under Spend	2,448.0	1,788.2	968.3
11 Cap on Company Share (over) Spend	(2,448.0)	(1,788.2)	(968.3)
12 Company Share under (over) Capped	(2,117.7)	935.4	968.3
13 Additional Amount Deferred to (from) Customers	-	-	291.6
14 Total Amount Deferred to (from) Customers	\$ (19,058.9)	\$ 8,418.5	\$ 11,631.3

Notes (by line number)

1. Example of Actual Expense
2. Forecasted Rate Year Expense. See Joint Proposal Section 8.1.5
3. Line 2 less Line 1
4. Deferral for under (over) spending will be based on 90% customer basis.
5. Line 3 * Line 4
6. Deferral for under (over) spending will be based on 10% company basis.
7. Line 3 * Line 6

8. Company's 10% share above or below the level in rates is capped at an annual amount equal to 7.5 basis points in RY1, 5 basis points in RY2, and 2.5 basis points in RY3
9. Based on Rate Allowance set in Joint Proposal in Case 19-G-0309 & 19-G-0310
10. Line 8 * Line 9
11. Negated Line 10
12. If Line 7 is negative, greater of Line 7 or Line 11; If Line 7 is positive, lesser of Line 7 or Line 10.
13. Line 7 - Line 12
14. Line 5 + Line 13

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Economic Development Grant Program
Illustrative Example
(\$000's)

EXAMPLE 1

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 2,000	\$ 2,500	\$ 3,000
2 Rate Allowance	<u>\$ 2,250</u>	<u>\$ 2,250</u>	<u>\$ 2,250</u>
3 Difference	<u>\$ 250</u>	<u>\$ (250)</u>	<u>\$ (750)</u>
4 3 Year Cumulative Actuals	\$ 7,500		
5 3 Year Cumulative Rate Allowance	\$ 6,750		
6 Difference - underspend / (overspend)	\$ (750)		
7 Deferral Amount	\$ -		

EXAMPLE 2

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 1,500	\$ 2,000	\$ 3,000
2 Rate Allowance	<u>\$ 2,250</u>	<u>\$ 2,250</u>	<u>\$ 2,250</u>
3 Difference	<u>\$ 750</u>	<u>\$ 250</u>	<u>\$ (750)</u>
4 3 Year Cumulative Actuals	\$ 6,500		
5 3 Year Cumulative Rate Allowance	\$ 6,750		
6 Difference - underspend / (overspend)	\$ 250		
7 Deferral Amount	\$ 250		

Notes (by line number)

- 1 Actual expense
- 2 Forecasted Rate Year expense. See Joint Proposal Section 7.7
- 3 Line 2 less Line 1
- 4 Sum Line 1 for Rate Years 1-3
- 5 Sum Line 2 for Rate Years 1-3
- 6 Line 5 less Line 4
- 7 If cumulative actual costs for Rate Years 1-3 are less than cumulative rate allowances for same period, then Deferral Credit to Customer will be equal to the cumulative amount underspent. If actual costs exceed cumulative rate allowance for Rate Years 1-3, there will be no Deferral.

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Net Utility Plant and Depreciation Expense Reconciliation
Gas Revenue Requirement Target
For the Rate Years Ending March 31, 2021, March 31, 2022, and March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2021									
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)				
Forecast included in Revenue Requirement Settlement	\$	7,035,706	\$	35,464	\$	(1,287,740)	\$	5,783,430	\$	131,260
Pre-Tax WACC								7.95%		
Total Revenue Requirement Target	<u>\$</u>	<u>591,063</u>					<u>\$</u>	<u>459,803</u>	<u>\$</u>	<u>131,260</u>
MRI Phase 5 Removal	\$	(82)								
Adjusted Total Revenue Requirement Target	<u>\$</u>	<u>590,981</u>								
Estimated Actual Results	\$	7,036,000	\$	35,000	\$	(1,280,000)	\$	5,791,000	\$	131,000
Pre-Tax WACC								7.95%		
Total Revenue Requirement Actuals	<u>\$</u>	<u>591,405</u>					<u>\$</u>	<u>460,405</u>	<u>\$</u>	<u>131,000</u>
Actuals higher/(lower) than Target	<u>\$</u>	<u>424</u>								
	Rate Year Ending March 31, 2022									
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)				
Forecast included in Revenue Requirement Settlement	\$	7,599,613	\$	35,877	\$	(1,333,206)	\$	6,302,284	\$	142,330
Pre-Tax WACC								7.83%		
Total Revenue Requirement Target	<u>\$</u>	<u>635,822</u>					<u>\$</u>	<u>493,491</u>	<u>\$</u>	<u>142,330</u>
MRI Phase 5 Removal	\$	(163)								
Adjusted Total Revenue Requirement Target	<u>\$</u>	<u>635,659</u>								
Estimated Actual Results	\$	7,500,000	\$	35,000	\$	(1,300,000)	\$	6,235,000	\$	145,000
Pre-Tax WACC								7.83%		
Total Revenue Requirement Actuals	<u>\$</u>	<u>633,223</u>					<u>\$</u>	<u>488,223</u>	<u>\$</u>	<u>145,000</u>
Actuals higher/(lower) than Target	<u>\$</u>	<u>(2,436)</u>								
	Rate Year Ending March 31, 2023									
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)				
Forecast included in Revenue Requirement Settlement	\$	8,168,101	\$	39,954	\$	(1,381,648)	\$	6,826,407	\$	152,833
Pre-Tax WACC								7.83%		
Total Revenue Requirement Target	<u>\$</u>	<u>687,365</u>					<u>\$</u>	<u>534,532</u>	<u>\$</u>	<u>152,833</u>
MRI Phase 5 Removal	\$	(227)								
Adjusted Total Revenue Requirement Target	<u>\$</u>	<u>687,138</u>								
Estimated Actual Results	\$	8,168,000	\$	39,000	\$	(1,380,000)	\$	6,827,000	\$	153,000
Pre-Tax WACC								7.83%		
Total Revenue Requirement Actuals	<u>\$</u>	<u>687,578</u>					<u>\$</u>	<u>534,578</u>	<u>\$</u>	<u>153,000</u>
Actuals higher/(lower) than Target	<u>\$</u>	<u>440</u>								
3 Year Cumulative Revenue Requirement Actuals	\$	1,912,206								
3 Year Cumulative Revenue Requirement Target	\$	1,913,778								
3 Year Cumulative Actuals higher/(lower) than Target	<u>\$</u>	<u>(1,572)</u>								

Note: Downward only reconciliation - no amounts due from customer if actuals are higher than target

In years that the incremental LPP replacement surcharge is applicable, the net plant and depreciation components of the LPP surcharge included in the Gas Safety and Reliability Surcharge will be added to the overall Net Utility Plant and Depreciation Expense Mechanism target to avoid any double recovery of the cost associated with incremental LPP miles.

The Brooklyn Union Gas Company d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2021
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-20 (1/2 month)	\$ 3,331,854	\$ 23,478	\$ (633,618)	\$ 2,721,713	
2	Apr-20	\$ 6,723,651	\$ 44,804	\$ (1,270,486)	\$ 5,497,969	\$ 10,365
3	May-20	\$ 6,774,585	\$ 43,162	\$ (1,274,238)	\$ 5,543,509	\$ 10,456
4	Jun-20	\$ 6,853,341	\$ 39,751	\$ (1,276,469)	\$ 5,616,623	\$ 10,534
5	Jul-20	\$ 6,898,625	\$ 38,411	\$ (1,281,276)	\$ 5,655,760	\$ 10,651
6	Aug-20	\$ 6,953,185	\$ 38,117	\$ (1,283,685)	\$ 5,707,616	\$ 10,720
7	Sep-20	\$ 7,027,703	\$ 35,337	\$ (1,287,960)	\$ 5,775,080	\$ 10,803
8	Oct-20	\$ 7,129,390	\$ 32,466	\$ (1,289,169)	\$ 5,872,687	\$ 11,022
9	Nov-20	\$ 7,193,014	\$ 29,993	\$ (1,293,130)	\$ 5,929,877	\$ 11,175
10	Dec-20	\$ 7,253,896	\$ 28,584	\$ (1,296,208)	\$ 5,986,272	\$ 11,271
11	Jan-21	\$ 7,286,245	\$ 28,309	\$ (1,302,842)	\$ 6,011,712	\$ 11,368
12	Feb-21	\$ 7,324,883	\$ 28,166	\$ (1,307,835)	\$ 6,045,215	\$ 11,418
13	Mar-21 (1/2 month)	\$ 3,678,096	\$ 14,990	\$ (655,964)	\$ 3,037,122	\$ 11,477
14	Total Gas (Sum of Lines 1 to 13)	84,428,468	425,568	(15,452,880)	69,401,155	131,260
15	Average Monthly Balance (Line 14 / 12)	\$ 7,035,706	\$ 35,464	\$ (1,287,740)	\$ 5,783,430	

The Brooklyn Union Gas Company d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2022
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-21 (1/2 month)	\$ 3,678,096	\$ 14,990	\$ (655,964)	\$ 3,037,122	
2	Apr-21	\$ 7,398,097	\$ 30,234	\$ (1,314,231)	\$ 6,114,100	\$ 11,525
3	May-21	\$ 7,436,193	\$ 30,677	\$ (1,319,219)	\$ 6,147,651	\$ 11,584
4	Jun-21	\$ 7,494,046	\$ 30,196	\$ (1,322,304)	\$ 6,201,938	\$ 11,643
5	Jul-21	\$ 7,528,108	\$ 30,634	\$ (1,327,710)	\$ 6,231,032	\$ 11,730
6	Aug-21	\$ 7,568,413	\$ 32,847	\$ (1,330,284)	\$ 6,270,976	\$ 11,782
7	Sep-21	\$ 7,595,816	\$ 35,189	\$ (1,334,878)	\$ 6,296,128	\$ 11,844
8	Oct-21	\$ 7,629,319	\$ 39,851	\$ (1,335,100)	\$ 6,334,069	\$ 11,887
9	Nov-21	\$ 7,675,064	\$ 39,859	\$ (1,338,617)	\$ 6,376,307	\$ 11,938
10	Dec-21	\$ 7,712,612	\$ 41,709	\$ (1,342,159)	\$ 6,412,162	\$ 12,009
11	Jan-22	\$ 7,749,038	\$ 41,826	\$ (1,348,362)	\$ 6,442,502	\$ 12,070
12	Feb-22	\$ 7,791,427	\$ 42,311	\$ (1,352,834)	\$ 6,480,904	\$ 12,126
13	Mar-22 (1/2 month)	\$ 3,939,127	\$ 20,203	\$ (676,809)	\$ 3,282,521	\$ 12,191
14	Total Gas (Sum of Lines 1 to 13)	91,195,357	430,525	(15,998,470)	75,627,411	142,330
15	Average Monthly Balance (Line 14 / 12)	\$ 7,599,613	\$ 35,877	\$ (1,333,206)	\$ 6,302,284	

The Brooklyn Union Gas Company d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2023
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-22 (1/2 month)	\$ 3,939,127	\$ 20,203	\$ (676,809)	\$ 3,282,521	
2	Apr-22	\$ 7,928,582	\$ 39,730	\$ (1,358,773)	\$ 6,609,539	\$ 12,322
3	May-22	\$ 7,973,530	\$ 39,087	\$ (1,363,117)	\$ 6,649,500	\$ 12,399
4	Jun-22	\$ 8,039,966	\$ 37,460	\$ (1,367,112)	\$ 6,710,313	\$ 12,466
5	Jul-22	\$ 8,084,090	\$ 36,732	\$ (1,373,612)	\$ 6,747,209	\$ 12,566
6	Aug-22	\$ 8,130,872	\$ 37,882	\$ (1,376,996)	\$ 6,791,758	\$ 12,635
7	Sep-22	\$ 8,165,117	\$ 39,226	\$ (1,382,566)	\$ 6,821,776	\$ 12,706
8	Oct-22	\$ 8,204,430	\$ 42,813	\$ (1,384,504)	\$ 6,862,739	\$ 12,759
9	Nov-22	\$ 8,258,277	\$ 41,770	\$ (1,389,136)	\$ 6,910,910	\$ 12,821
10	Dec-22	\$ 8,320,203	\$ 41,046	\$ (1,393,579)	\$ 6,967,670	\$ 12,900
11	Jan-23	\$ 8,356,693	\$ 40,867	\$ (1,401,019)	\$ 6,996,541	\$ 13,026
12	Feb-23	\$ 8,399,530	\$ 40,958	\$ (1,406,814)	\$ 7,033,673	\$ 13,083
13	Mar-23 (1/2 month)	\$ 4,216,801	\$ 21,674	\$ (705,738)	\$ 3,532,737	\$ 13,150
14	Total Gas (Sum of Lines 1 to 13)	98,017,216	479,447	(16,579,775)	81,916,888	152,833
15	Average Monthly Balance (Line 14 / 12)	\$ 8,168,101	\$ 39,954	\$ (1,381,648)	\$ 6,826,407	

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Variable Pay Expense
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
1 Actual Expense	\$ 8,600.0	\$ 10,000.0	\$ 9,000.0
2 Rate Allowance	<u>\$ 9,283.9</u>	<u>\$ 9,613.3</u>	<u>\$ 9,890.5</u>
3 Amount Deferred to Customers	<u><u>\$ 683.9</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 890.5</u></u>

If the actual expense is greater than the rate allowance, there is no additional recovery from customers.
This is a downward only reconciliation.

Line Notes

- Input Actual costs - Under the Company's management variable pay program (Annual Performance Plan) the evaluation period is on a fiscal year basis ending March.
- 1 Variable pay expense is accrued monthly, with the final accrual in March reconciling the annual variable pay total to the expected pay out in June.
 - 2 Forecasted Rate Year and Data Years Variable Pay Expense
 - 3 Line 2 less Line 1 (if Line 2 is greater than Line 1)

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Variable Pay Expense
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
1 Per Headcount on December 31, 2018	9,254.7	9,454.9	9,718.8
2 Incremental Staff	53.4	183.2	204.7
3 Vacancy Adjustment	(24.2)	(24.9)	(25.6)
4 Other Adjustments			(7.3)
5 Total	<u>\$ 9,283.9</u>	<u>\$ 9,613.3</u>	<u>\$ 9,890.5</u>

Line Notes

- 1 Exhibit RRP-3, Schedule 23
- 2 Exhibit RRP-3, Schedule 27
- 3 Adjustment to reflect vacancy rate
- 4 Resulting from no executive management wage increase RY3
- 5 Sum of Lines 1-4

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Safety and Reliability Surcharge
Example of All Components of Gas Safety and Reliability Surcharge (GSRS)
(000)

	Page Reference	Rate Year FY 2021	Data Year FY 2022	Data Year FY 2023	Data Year FY 2024
Recovery of Incremental LPP Proactive Replacement Costs	Page 2-4	\$656	\$668	\$1,332	\$1,067
Recovery of Incremental Leak Repair Costs	Page 6	\$989	\$373	\$168	\$858
Positive Revenue Adjustment - Leak Repair Incentive	Page 6	\$0	\$715	\$0	\$2,324
Total Gas and Safety Surcharge		<u>\$1,645</u>	<u>\$1,756</u>	<u>\$1,500</u>	<u>\$4,249</u>

Please note, Gas Safety Metrics are measured on an annual CY basis, but are being reflected in FY on the summary of all GSRS components as follows:
CY2020/FY2021; CY2021/FY2022; CY2022/FY2023; CY2023/FY2024

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Safety and Reliability Surcharge (GSRs)
Example of Recovery of Incremental Leak Prone Pipe (LPP) Proactive Replacement Costs
(000)

		EXAMPLE FOR ILLUSTRATIVE PURPOSES:																		
		Rate Allowance - 21 Miles Proactive Replacement at \$1,419 Average Unit Cost							Example-2 Incremental Miles at \$1,360 Avg Unit Cost & D&R's at \$3,173 Avg Unit Cost											
Capital Expend. Closes To Plant		Rate Allowance - 21 Miles Proactive Replacement at \$1,419 Average Unit Cost							Example-2 Incremental Miles at \$1,360 Avg Unit Cost & D&R's at \$3,173 Avg Unit Cost											
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	In-Service (Note 1)	Plant Balance	Depreciation Expense 1.75% (Note 2)	Accumulated Depreciation Reserve Balance	Net Utility Plant (e)+(d)	Pre-Tax WACC 7.83% (Note 3)	Opex (g)	Total Revenue Requirement (h)	In-Service (Note 1)	Plant Balance	Depreciation Expense 1.75% (Note 2)	Accumulated Depreciation Reserve Balance	Net Utility Plant (j)+(i)	Pre-Tax WACC 7.83% (Note 3)	Opex (o)	Total Revenue Requirement (p)	Maximum Amount Subject to Surcharge (Note 4)			
FY 2024																				
Mar-2023	11,441	11,441	0	0	11,441	75	0	0	588	588	0	0	0	0	0	0	0	0	0	0
Apr-2023	10,476	21,917	17	-17	21,900	143	17	110,880	538	1,126	1	-1	1,125	7	4	7	1,125	1	1,125	7
May-2023	12,844	34,761	32	-49	34,712	227	227	2,312	660	1,786	2	-2	1,783	12	15	15	2,269	2	2,269	12
Jun-2023	9,500	44,261	51	-99	44,162	288	288	\$3,171	488	2,274	3	-5	2,269	15	20	20	2,269	3	2,269	15
Jul-2023	13,949	60,210	65	-164	60,046	392	392	\$3,234	819	3,094	3	-8	3,085	24	43	43	3,085	4	3,085	24
Sep-2023	13,046	73,256	88	-252	73,005	476	476	2,312	670	3,764	5	-13	3,751	32	47	47	3,751	5	3,751	32
Oct-2023	21,164	94,421	107	-359	94,062	614	614	1,087	1,087	4,851	5	-18	4,833	32	47	47	4,833	5	4,833	32
Nov-2023	11,416	105,837	138	-496	105,341	687	687	119,507	587	5,438	7	-25	5,412	40	43	43	5,412	7	5,412	40
Dec-2023	14,321	120,157	154	-651	119,507	780	780	128,512	472	6,645	8	-33	6,140	40	47	47	6,140	8	6,140	40
Jan-2024	9,180	129,338	175	-826	128,512	839	839	140,112	606	7,251	10	-63	6,603	43	47	47	6,603	10	6,603	43
Feb-2024	11,788	141,126	189	-1,014	140,112	914	914	156,152	855	8,086	11	-63	8,023	43	47	47	8,023	11	8,023	43
Mar-2024	16,246	157,372	206	-1,220	156,152	509	509	\$14,495	\$14,362	\$63							\$1,067		\$1,067	
	\$157,372		\$1,220		75,906	\$5,944	\$7,331	\$14,495	\$14,362	\$63							\$1,067		\$1,067	
Miles	21				21		21		2								2		2	
Feet	110,880				110,880		110,880		10,560								Incremental D&R's		220	
D&R's (forecast assumes 2.1% per foot)	\$1,419				\$1,419		2.312		\$1,360 ok, under cap								D&R's per foot		2.1%	
2% Cap on Unit Cost	\$1,448				\$1,448		\$3,234		\$1,448 2% Cap on Unit Cost								Actual D&R unit cost		\$3,173 ok, under cap	
																	2% Cap on Unit Cost		\$3,234	

- Notes and Assumptions:
- For this case, LPP Proactive Replacement capital expenditures include an allocation of Plastic Fusion OA/OC Re-Digs, Plastic Fusion - In Process Inspections, Low Pressure Main Valve Installation, HDPE and Contractor Safety Inspect
 - The combined capital expenditures are \$166,242M in FY 2021, \$134,414M in FY 2022, \$138,734M in FY 2023, and \$157,372M in FY24 per page 9
 - Revenue requirement assumes capital expenditures are placed in-service in the month spent
 - Depreciation is based on the existing recommended composite depreciation rate for mains and services based on 12/31/2018 plant balance
 - Utilizes pre-tax WACC by fiscal year with a ROE of 8.8%
 - The amount subject to surcharge is limited to the Company's average costs of main replacement and for D&R's allowed in rate allowance, subject to a 2% cap
 - The FY 2021 incremental mileage spend will be rolled forward to the FY 2022 - FY 2024 surcharges, calculating a return on the net plant investment and associated depreciation expense
 - The FY 2022 incremental mileage spend will be rolled forward to the FY 2023 - FY 2024 surcharge, calculating a return on the net plant investment and associated depreciation expense
 - The FY 2023 incremental mileage spend will be rolled forward to the FY 2024 surcharge, calculating a return on the net plant investment and associated depreciation expense

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Safety and Reliability Surcharge
D&R Cost of Incremental LPP Proactive Mileage in Rate Allowance

	FY21	FY22	FY23	FY24
LPP Proactive Miles	24	19	19	21
LPP Proactive Feet	126,720	100,320	100,320	110,880
Ratio of D&R to LPP Proactive Feet	2.1%	2.1%	2.1%	2.1%
Total D&R's	2,642	2,092	2,092	2,312
Unit Cost	\$2,988	\$3,048	\$3,109	\$3,171
Total Cost of LPP Proactive D&R's	<u>\$7,895,096</u>	<u>\$6,375,290</u>	<u>\$6,502,796</u>	<u>\$7,331,047</u>

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Safety and Reliability Surcharge
Recovery of Incremental Leak Repair Costs and Leak Repair Incentive Positive Revenue Adjustment (PRA)

Line # Example of Incremental Leak Repairs Above Rate Plan

	HTY	FY21	FY22	FY23	FY24
1 Total Leak Backlog Target		2,250	1,800	1,650	1,400
2 Less: Leak Reduction Adjustment		0	0	100	0
3 Adjusted Leak Backlog Target		2,250	1,800	1,550	1,400
4 Leak Backlog - Example		1,944	1,687	1,500	1,150
5 Leaks Incremental to Backlog Target		306	113	50	250

Recovery of Incremental Leak Repair Costs:

6 Incremental Leaks Subject to Recovery		306	113	50	250
7 Average Per Unit Repair Cost Rate Allowance	\$3,108	\$3,231	\$3,299	\$3,366	\$3,431
8 Total Incremental Cost Subject to Recovery		\$988,682	\$372,743	\$168,290	\$857,843

Leak Repair Incentive PRA:

9 Prior Year's Incremental Leak Carryover				13	63
10 Current Year Incremental Leak Repairs	N/A (Assumption 4)		113	50	250
11 Total Incremental Leak Repairs			113	63	313
12 Earned Basis Points			2	0	6
13 Estimate of Basis Point		\$326,403	\$357,632	\$387,326	\$387,326
14 Estimate of Basis Point PRA	N/A (Assumption 4)		\$715,264	\$0	\$2,323,958

Leak Reduction Adjustment:

of Leaks Repaired

0 - 99
100 -199
200 -299
>= 300

Total Leak
Reduction
Adj. Factors

0	0
100	100
200	200
300	300

Line # Explanations

- 1 CY20 and CY21 per targets set in Joint Proposal in Case 19-G-0309. CY 22 and CY23, Line 3 from prior year less 150 leaks.
- 2 Prior year incremental leaks included in Leak Repair Incentive based on Leak Reduction Adjustment table
- 3 Line 1 minus Line 2
- 4 Example of Actual Leak Backlog at end of associated CY
- 5 Line 3 minus Line 4
- 6 Line 5
- 7 Incremental average per unit repair cost in historic test year inflated to rate year included in rate allowance
- 8 Line 6 times Line 7
- 9 Current CY Line 2 minus prior year Line 11
- 10 Line 5
- 11 Line 9 plus Line 10
- 12 Basis Point (BP) Limited to Two BP for each 100 Leaks Repaired (Maximum of 300 leaks or 6 BP per year)
- 13 Based on Rate Allowance set in Joint Proposal in Case 19-G-0309.
- 14 Line 12 times Line 13

Assumptions for Leak Repair Cost Recovery:

- 1) The Leak Repair incentive is dependent on meeting the annual backlog reduction targets.
- 2) The Average Per Unit Repair Cost Rate Allowance is used in calculating the recovery, regardless of the actual average unit repair cost.
- 3) The Average Per Unit Repair Cost Rate Allowance is limited to incremental cost only (i.e. excludes base labor and transportation)

Assumptions for Leak Repair Incentive:

- 1) The Leak Repair incentive is dependent on meeting the annual backlog reduction targets.
- 2) The Company can accrue a positive revenue adjustment of two basis points for each 100 Incremental Leaks Subject to Recovery up to a maximum of 300 additional leak repairs or 6 Basis Points per year.
- 3) The incremental leaks above the 100 increments will be carried over to the next CY performance.
- 4) No positive revenue adjustment should be earned for CY 2020 performance.

Please note, Gas Safety Metrics are measured on an annual CY basis, but are being reflected in FY on the summary of all GSRs components as follows:
CY2020/FY2021; CY2021/FY2022; CY2022/FY2023; CY2023/FY2024

The Brooklyn Union Gas Company db/a National Grid NY
Gas Safety and Reliability Surcharge
Proactive Leak Prone Pipe (LPP) Average Unit Cost

	Allocation Basis			
	FY21	FY22	FY23	FY24
Mandated - KEDNY Main Replacements - (Proactive) - Leak Prone Pipe	\$ 164,717	\$ 131,620	\$ 134,910	\$ 153,659
Mandated - KEDNY Plastic Fusion QA/QC Re-Digs	\$ 2,438	\$ 2,713	\$ 2,768	\$ 3,529
Mandated - KEDNY Plastic Fusion - In Process Inspections	\$ -	\$ 314	\$ 320	\$ 326
Mandated - KEDNY Low Pressure Main Valve Installation	\$ 1,845	\$ 4,973	\$ 6,706	\$ 3,696
Mandated - KEDNY High Density Polyethylene Services	\$ 1,844	\$ 2,520	\$ 2,583	\$ 2,648
Mandated - KEDNY Contractor Safety Inspections	\$ -	\$ 2,557	\$ 5,521	\$ 5,590

	Capex Forecast Per GIOP-1 (100% of Capex Forecast) - rounded to 000			
	FY21	FY22	FY23	FY24
Mandated - KEDNY Main Replacements - (Proactive) - Leak Prone Pipe	\$ 164,717,327	\$ 131,619,909	\$ 134,910,469	\$ 153,658,923
Mandated - KEDNY Plastic Fusion QA/QC Re-Digs	\$ 2,437,650	\$ 2,713,363	\$ 2,767,630	\$ 3,528,728
Mandated - KEDNY Plastic Fusion - In Process Inspections	\$ -	\$ 313,680	\$ 319,954	\$ 326,353
Mandated - KEDNY Low Pressure Main Valve Installation	\$ 1,845,000	\$ 4,973,000	\$ 6,706,000	\$ 3,696,000
Mandated - KEDNY High Density Polyethylene Services	\$ 1,844,100	\$ 2,520,270	\$ 2,583,277	\$ 2,647,859
Mandated - KEDNY Contractor Safety Inspections	\$ -	\$ 2,557,182	\$ 5,521,076	\$ 5,590,404

	Capital Forecast Allocated to Proactive LPP Program for GSRs Unit Cos.			
	FY21	FY22	FY23	FY24
Mandated - KEDNY Main Replacements - (Proactive) - Leak Prone Pipe	\$ 164,717,327	\$ 131,619,909	\$ 134,910,469	\$ 153,658,923
Mandated - KEDNY Plastic Fusion QA/QC Re-Digs	\$ 622,801	\$ 595,641	\$ 605,961	\$ 845,593
Mandated - KEDNY Plastic Fusion - In Process Inspections	\$ -	\$ 68,859	\$ 70,052	\$ 78,204
Mandated - KEDNY Low Pressure Main Valve Installation	\$ 451,111	\$ 1,040,495	\$ 1,399,659	\$ 844,687
Mandated - KEDNY High Density Polyethylene Services	\$ 450,891	\$ 527,313	\$ 539,175	\$ 605,144
Mandated - KEDNY Contractor Safety Inspections	\$ -	\$ 561,356	\$ 1,208,815	\$ 1,339,635
	\$ 166,242,131	\$ 134,413,574	\$ 138,734,131	\$ 157,372,187

	Proactive Feet of LPP Program			
	FY21	FY22	FY23	FY24
	126,720	100,320	100,320	110,880
	126,720	100,320	100,320	110,880
	126,720	100,320	100,320	110,880
	126,720	100,320	100,320	110,880
	126,720	100,320	100,320	110,880
	126,720	100,320	100,320	110,880
	126,720	100,320	100,320	110,880

	Proactive LPP Program Unit Cost per Foot			
	FY21	FY22	FY23	FY24
	\$ 1,300	\$ 1,312	\$ 1,345	\$ 1,386
	\$ 5	\$ 6	\$ 6	\$ 8
	\$ -	\$ 1	\$ 1	\$ 1
	\$ 4	\$ 10	\$ 14	\$ 8
	\$ 4	\$ 5	\$ 5	\$ 5
	\$ -	\$ 6	\$ 12	\$ 12
	\$ 1,312	\$ 1,340	\$ 1,383	\$ 1,419

Proactive Miles of LPP Program	
24.0	19.0
	21.0

The Brooklyn Union Gas Company, db/a National Grid NY
Gas Safety and Reliability Surcharge
Main Replacement Footage

Program	KEDNY - ALL MAIN				FY24 - Proposed	%
	FY21 - Proposed	FY22 - Proposed	FY23 - Proposed	FY24 - Proposed		
Customer Connections	27,708	27,519	27,546	27,546	6.01%	5.95%
Main Replacement Proactive - LPP	126,720	100,320	100,320	110,880	21.89%	23.96%
Public Works (CSC)	300,000	300,000	300,000	300,000	65.47%	64.84%
Gas System Reinforcement	15,345	3,955	4,360	--	0.95%	0.00%
Gas Reliability	1,700	2,180	2,950	1,265	0.64%	0.27%
Reactive - Leak	200	200	200	200	0.04%	0.04%
Reactive - Non-Leak	2,190	700	700	700	0.15%	0.15%
Water Intrusion	1,000	1,000	1,000	1,000	0.22%	0.22%
CISBOT	10,560	10,560	10,560	10,560	2.31%	2.28%
Limng	10,560	10,560	10,560	10,560	2.31%	2.28%
Total Footage	495,983	456,994	458,196	462,711	100.00%	100.00%

Program	KEDNY - MAIN EXCLUDING CUSTOMER CONNECTIONS				FY24 - Proposed	%
	FY21 - Proposed	FY22 - Proposed	FY23 - Proposed	FY24 - Proposed		
Customer Connections						
Main Replacement Proactive - LPP	126,720	100,320	100,320	110,880	20.92%	20.87%
Public Works (CSC)	349,997	350,000	350,000	350,000	73.00%	72.82%
Gas System Reinforcement	15,345	2,965	3,955	4,360	0.82%	0.91%
Gas Reliability	1,700	0.33%	2,180	2,950	0.45%	0.61%
Reactive - Leak	200	0.04%	200	200	0.04%	0.04%
Reactive - Non-Leak	2,190	0.42%	700	700	0.15%	0.15%
Water Intrusion	1,000	0.19%	1,000	1,000	0.21%	0.21%
CISBOT	10,560	2.04%	10,560	10,560	2.20%	2.20%
Limng	10,560	2.04%	10,560	10,560	2.20%	2.18%
Total Footage	518,272	100.00%	479,475	480,650	100.00%	100.00%

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Safety and Reliability Surcharge
D&R Unit Cost for Total Mains and Proactive LPP Mains

Proactive LPP Mains	KEDNY	FY21	FY22	FY23	FY24
Estimated Main Footage		126,720	100,320	100,320	110,880
D&R Ratio		2.1%	2.1%	2.1%	2.1%
Total D&R Units		2,642	2,092	2,092	2,312
Unit Cost		\$ 2,988	\$ 3,048	\$ 3,109	\$ 3,171
Total Cost of all D&R's		\$ 7,895,096	\$ 6,375,290	\$ 6,502,796	\$ 7,331,047

D&R Ratio based on 2 yr. avg
for Proactive LPP Mains

	FY17	FY18	FY17/FY18
Footage	110,765	156,732	133,749
D&R	2,905	2,673	2,789
			2.1%

KeySpan Gas East Corporation
The Brooklyn Union Gas Company
d/b/a National Grid
Case 19-G-0309/0310
Leak Repair Costs - Operating Expense
Calendar 2018 Actual Costs

	Total Unit Cost		Incremental Unit Cost	
	KEDNY	KEDLI	KEDNY	KEDLI
Base Labor	\$5,313,611	\$2,872,379		
Overtime	\$2,913,725	\$2,306,951	\$2,913,725	\$2,306,951
Contractors	\$682,087	\$357,158	\$682,087	\$357,158
Paving	\$10,964,019	\$2,465,494	\$10,964,019	\$2,465,494
Transportation	\$1,841,920	\$1,605,366		
Employee Expenses	\$635	\$695	\$635	\$695
Materials	\$98,540	\$72,437	\$98,540	\$72,437
Other Expenses	\$287,390	(\$487,748)	\$287,390	(\$487,748)
Total Dollars	\$22,101,926	\$9,192,732	\$14,946,395	\$4,714,987
O&M Leak Repair Units	4,809	2,609	4,809	2,609
Cost Per Unit	\$4,596	\$3,523	\$3,108	\$1,807
HTY to RY1	4,777.8	3,662.9	3,231.0	1,878.7
RY2	4,877.8	3,739.6	3,298.6	1,918.0
RY3	4,977.2	3,815.7	3,365.8	1,957.1

The Brooklyn Union Gas Company d/b/a National Grid NY
City/State Construction Deferral
Example of City/State Revenue Requirement Compared to Rate Allowance
(000)

FY 2021	Rate Allowance						Example of Spend Over Rate Allowance						Amount Subject to Deferral (o) (n)-(g)		
	Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.75% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.95% (Note 3) (f)	Total Revenue Requirement (g) (c)+(f)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.75% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l) (i) + (k)		Pre - Tax WACC 7.95% (Note 3) (m)	Total Revenue Requirement (n) (j)+(m)
Mar-2020		0		0		0		0		0		0		0	
Apr-2020	14,489	14,489	0	0	14,489	96	23,700	23,700	0	0	23,700	157	23,700	157	
May-2020	13,267	27,756	21	-21	27,735	184	21,701	45,401	35	-35	45,367	301	45,367	301	
Jun-2020	16,266	44,022	40	-62	43,960	291	26,607	72,008	66	-101	71,907	476	71,907	476	
Jul-2020	12,031	56,053	64	-126	55,927	371	19,680	91,688	105	-206	91,482	606	91,482	606	
Aug-2020	20,198	76,251	82	-208	76,044	504	33,039	124,726	134	-339	124,387	824	124,387	824	
Sep-2020	16,522	92,774	111	-319	92,455	613	27,026	151,752	182	-521	151,231	1,002	151,231	1,002	
Oct-2020	26,803	119,577	135	-454	119,123	789	43,843	195,595	221	-743	194,852	1,291	194,852	1,291	
Nov-2020	14,457	134,034	174	-628	133,406	884	23,648	219,243	285	-1,028	218,215	1,446	218,215	1,446	
Dec-2020	18,136	152,170	195	-824	151,346	1,003	29,666	248,909	320	-1,348	247,561	1,640	247,561	1,640	
Jan-2021	11,626	163,796	222	-1,046	162,750	1,078	19,017	267,926	363	-1,711	266,215	1,764	266,215	1,764	
Feb-2021	14,929	178,725	239	-1,285	177,441	1,176	24,420	292,346	391	-2,101	290,245	1,923	290,245	1,923	
Mar-2021	20,574	199,300	261	-1,545	197,754	1,310	33,654	326,000	426	-2,528	323,472	2,143	323,472	2,143	
	199,300	96,608	1,545	-479	96,129	8,297	326,000	158,024	2,528	-783	157,241	13,572	157,241	13,572	6,257

FY 2022	Rate Allowance						Example of Spend Under Rate Allowance						Amount Subject to Deferral (o) (n)-(g)		
	Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.75% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.83% (Note 3) (f)	Total Revenue Requirement (g) (c)+(f)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.75% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l) (i) + (k)		Pre - Tax WACC 7.83% (Note 3) (m)	Total Revenue Requirement (n) (j)+(m)
Mar-2021		199,300		-1,545	197,754			326,000		-2,528	323,472				
Apr-2021	19,938	219,237	291	-1,836	217,401	1,419	15,994	341,994	475	-3,003	338,991	2,212	338,991	2,212	
May-2021	18,256	237,494	320	-2,156	235,338	1,536	14,645	356,639	499	-499	356,140	2,324	356,140	2,324	
Jun-2021	22,383	259,877	346	-2,502	257,375	1,679	17,955	374,594	520	-1,019	373,575	2,438	373,575	2,438	
Jul-2021	16,556	276,433	379	-2,881	273,552	1,785	13,281	387,875	546	-1,565	386,310	2,521	386,310	2,521	
Aug-2021	27,794	304,227	403	-3,284	300,943	1,964	22,296	410,171	566	-2,131	408,040	2,662	408,040	2,662	
Sep-2021	22,736	326,962	444	-3,728	323,235	2,109	18,238	428,410	598	-2,729	425,681	2,778	425,681	2,778	
Oct-2021	36,883	363,845	477	-4,205	359,641	2,347	29,587	457,997	625	-3,354	454,643	2,967	454,643	2,967	
Nov-2021	19,894	383,740	531	-4,735	379,004	2,473	15,959	473,956	668	-4,022	469,934	3,066	469,934	3,066	
Dec-2021	24,956	408,696	560	-5,295	403,401	2,632	20,020	493,975	691	-4,713	489,262	3,192	489,262	3,192	
Jan-2022	15,998	424,694	596	-5,891	418,803	2,733	12,834	506,809	720	-5,433	501,376	3,271	501,376	3,271	
Feb-2022	20,544	445,238	619	-6,510	438,728	2,863	16,480	523,289	739	-6,172	517,116	3,374	517,116	3,374	
Mar-2022	28,312	473,550	649	-7,160	466,390	3,043	22,711	546,000	763	-6,935	539,065	3,517	539,065	3,517	
	274,250	332,239	5,614	-3,948	328,291	26,382	220,000	432,642	7,411	-3,281	429,361	34,322	429,361	34,322	9,537

FY 2023	Rate Allowance						Example of Spend Over Rate Allowance						Amount Subject to Deferral (o) (n)-(g)		
	Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.75% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.83% (Note 3) (f)	Total Revenue Requirement (g) (c)+(f)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.75% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l) (i) + (k)		Pre - Tax WACC 7.83% (Note 3) (m)	Total Revenue Requirement (n) (j)+(m)
Mar-2022		473,550		-7,160	466,390			546,000		-6,935	539,065				
Apr-2022	19,280	492,830	691	-7,850	484,980	3,164	19,992	565,992	796	-7,732	558,261	3,643	558,261	3,643	
May-2022	17,655	510,485	719	-8,569	501,916	3,275	18,306	584,298	825	-825	583,473	3,807	583,473	3,807	
Jun-2022	21,645	532,130	744	-9,313	522,817	3,411	22,444	606,743	852	-1,678	605,065	3,948	605,065	3,948	
Jul-2022	16,010	548,140	776	-10,089	538,051	3,511	16,601	623,344	885	-2,562	620,782	4,051	620,782	4,051	
Aug-2022	26,878	575,018	799	-10,889	564,129	3,681	27,870	651,214	909	-3,471	647,743	4,227	647,743	4,227	
Sep-2022	21,986	597,004	839	-11,727	585,277	3,819	22,798	674,012	950	-4,421	669,591	4,369	669,591	4,369	
Oct-2022	35,667	632,671	871	-12,598	620,073	4,046	36,984	710,996	983	-5,404	705,592	4,604	705,592	4,604	
Nov-2022	19,238	651,910	923	-13,521	638,389	4,165	19,949	730,944	1,037	-6,441	724,504	4,727	724,504	4,727	
Dec-2022	24,134	676,044	951	-14,471	661,572	4,317	25,025	755,969	1,066	-7,507	748,462	4,884	748,462	4,884	
Jan-2023	15,471	691,514	986	-15,457	676,057	4,411	16,042	772,011	1,102	-8,609	763,402	4,981	763,402	4,981	
Feb-2023	19,866	711,381	1,008	-16,466	694,915	4,534	20,600	792,611	1,126	-9,735	782,876	5,108	782,876	5,108	
Mar-2023	27,379	738,759	1,037	-17,503	721,256	4,706	28,389	821,000	1,156	-10,891	810,109	5,286	810,109	5,286	
	265,210	602,107	10,343	-11,940	590,167	47,042	275,000	679,303	11,687	-5,608	673,695	53,635	673,695	53,635	7,937

The Brooklyn Union Gas Company d/b/a National Grid NY
City/State Construction Deferral
Example of City/State Revenue Requirement Compared to Rate Allowance
(000)

	Rate Allowance						Example of Spend Over Rate Allowance						Amount Subject to Deferral (o)		
	Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.75% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.83% (Note 3) (f)	Total Revenue Requirement (g)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.75% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l)		Pre - Tax WACC 7.83% (Note 3) (m)	Total Revenue Requirement (n)
FY 2024					(b) + (d)	(c)+(f)						(i) + (k)		(j)+(m)	(n) - (g)
Mar-2023		738,759		-17,503	721,256			821,000			-5,608	815,392			
Apr-2023	20,848	759,608	1,077	-18,580	741,027	4,835	21,083	842,083	1,197	-6,806	835,277	5,450			
May-2023	19,090	778,698	1,108	-19,688	759,009	4,953	19,305	861,387	1,228	-1,228	860,159	5,613			
Jun-2023	23,405	802,103	1,136	-20,824	781,279	5,098	23,669	885,056	1,256	-2,484	882,572	5,759			
Jul-2023	17,312	819,415	1,170	-21,993	797,421	5,203	17,507	902,563	1,291	-3,775	898,788	5,865			
Aug-2023	29,063	848,478	1,195	-23,188	825,289	5,385	29,390	931,953	1,316	-5,091	926,862	6,048			
Sep-2023	23,774	872,252	1,237	-24,426	847,826	5,532	24,041	955,994	1,359	-6,450	949,544	6,196			
Oct-2023	38,567	910,819	1,272	-25,698	885,121	5,775	39,001	994,996	1,394	-7,844	987,151	6,441			
Nov-2023	20,803	931,622	1,328	-27,026	904,596	5,902	21,037	1,016,032	1,451	-9,295	1,006,737	6,569			
Dec-2023	26,096	957,718	1,359	-28,385	929,333	6,064	26,390	1,042,422	1,482	-10,777	1,031,645	6,731			
Jan-2024	16,729	974,447	1,397	-29,781	944,665	6,164	16,917	1,059,339	1,520	-12,297	1,047,042	6,832			
Feb-2024	21,482	995,928	1,421	-31,202	964,726	6,295	21,723	1,081,062	1,545	-13,842	1,067,220	6,964			
Mar-2024	29,605	1,025,533	1,452	-32,655	992,878	6,479	29,938	1,111,000	1,577	-15,419	1,095,581	7,149			
	286,774	877,769	15,152	-24,656	853,113	67,685	82,837	290,000	961,574	16,616	-7,534	954,040	75,615	92,232	9,395

- 1) Revenue requirement assumes capital expenditures are placed in-service in the month spent.
- 2) Depreciation is based on existing composite depreciation rate for mains and services based on 12/31/2018 plant balances.
- 3) Utilizes pre-tax WACC by fiscal year with a ROE of 8.8%.
- 4) The FY 2021 incremental/under spend will be rolled forward to the FY 2022, FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- 5) The FY 2022 incremental/under spend will be rolled forward to the FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- 6) The FY 2023 incremental/under spend will be rolled forward to the FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of CSC Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 2
Net Plant/Depreciation Tracker Under
CSC Net Plant/Depreciation Tracker Over

- 1) Record Net Utility Plant Regulated Liability
 - 2) Record 10% CSC Revenue Requirement Net Plant Excess as a Regulated Liability
- 1) Assume all other components of net plant forecast results are under what's allowed in rates, except for CSC actual cost is higher than forecast. A regulatory liability is generated from the net plant tracker:

Net Utility Plant/Depreciation Tracker Mechanism	Forecast Allowed in Rates		
	FY2021	FY2022	FY2023
Average Net Plant	\$5,783,429,617	\$6,302,284,271	\$6,826,407,363
Pre-Tax Return %	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997
Depreciation	\$131,260,108	\$142,330,407	\$152,833,038
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035
LPP Surcharge related to Net Plant and Depreciation	N/A	N/A	N/A
Average Net Plant			
Pre-Tax Return %	7.95%	7.83%	7.83%
Return on Ratebase	\$0	\$0	\$0
Depreciation	\$0	\$0	\$0
Total LPP Surcharge Revenue Requirement	\$0	\$0	\$0
Total Net Plant/Depreciation Revenue Req't including LPP Surcharge	\$591,063,350	\$635,821,700	\$687,365,035

Assumed Actual Results	Assumed Actual Results		
	FY2021	FY2022	FY2023
	\$5,779,429,617	\$6,299,284,271	\$6,824,407,363
	7.95%	7.83%	7.83%
	\$459,485,228	\$493,256,383	\$534,375,390
	\$131,190,108	\$142,277,907	\$152,798,038
	\$590,675,336	\$635,534,290	\$687,173,428
	N/A	N/A	N/A
	\$590,675,336	\$635,534,290	\$687,173,428

Difference - Regulatory Liability	Difference - Regulatory Liability		
	FY2021	FY2022	FY2023
	(\$4,000,000)	(\$3,000,000)	(\$2,000,000)
	7.95%	7.83%	7.83%
	(\$318,014)	(\$234,911)	(\$156,607)
	(\$70,000)	(\$52,500)	(\$35,000)
	(\$388,014)	(\$287,411)	(\$191,607)
	\$0	\$0	\$0
	7.95%	7.83%	7.83%
	\$0	\$0	\$0
	\$0	\$0	\$0
	\$0	\$0	\$0
	(\$388,014)	(\$287,411)	(\$191,607)

2) Company's portion of the overage from the higher CSC net plant/depreciation will be booked as a regulatory liability:

Forecast Allowed in Rates	Forecast Allowed in Rates		
	FY2021	FY2022	FY2023
CSC Average Net Plant	\$96,129,342	\$328,290,968	\$590,166,644
Pre-Tax Return %	7.95%	7.83%	7.83%
Return on Ratebase	\$7,642,625	\$25,706,351	\$46,212,149
CSC Depreciation	\$1,545,318	\$5,614,206	\$10,343,486
CSC Net Plant/Depreciation Revenue Requirement	\$9,187,943	\$31,320,558	\$56,555,635

Assumed Actual Results	Assumed Actual Results		
	FY2021	FY2022	FY2023
	\$97,129,342	\$330,290,968	\$593,166,644
	7.95%	7.83%	7.83%
	\$7,722,128	\$25,862,959	\$46,447,060
	\$1,562,818	\$5,649,206	\$10,395,986
	\$9,284,946	\$31,512,165	\$56,843,045

Difference - Regulatory Asset	Difference - Regulatory Asset		
	FY2021	FY2022	FY2023
	\$1,000,000	\$2,000,000	\$3,000,000
	7.95%	7.83%	7.83%
	\$79,504	\$156,607	\$234,911
	\$17,500	\$35,000	\$52,500
	\$97,004	\$191,607	\$287,411

CSC Regulatory Liability - Pay Customer 10% of Net Plant/Depreciation Revenue Requirement Excess (100% of Excess included in Total Net Plant/Depreciation Tracker)

Total Net Plant/Depreciation and CSC Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/(Liability)

Check - Should represent 90% of CSC Overage charged to Customers
- 100% of other components underage

10%	(\$9,700)	(\$19,161)	(\$28,741)
	(\$397,715)	(\$306,571)	(\$220,348)
90%	\$87,303	\$172,446	\$258,670
	(\$485,018)	(\$479,018)	(\$479,018)
	(\$397,715)	(\$306,571)	(\$220,348)
	\$0	\$0	\$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of CSC Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

- Example 3**
- Net Plant/Depreciation Tracker Under in FY21
 - CSC Net Plant/Depreciation Tracker Under in FY22 & FY23

1) Do Not Record Net Utility Plant Regulated Asset - One Way Downward Tracker
1a) LPP Surecharge causes Net Plant Tracker to be under in FY22 & FY23 requiring a Regulatory Liability
2) Record 90% CSC Revenue Requirement Net Plant Savings as a Regulated Liability

		Forecast Allowed in Rates			Assumed Actual Results		
		FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Net Utility Plant/Depreciation Tracker Mechanism							
Average Net Plant		\$5,783,429,617	\$6,302,284,271	\$6,826,407,363	\$5,790,929,617	\$6,304,284,271	\$6,829,407,363
Pre-Tax Return %		7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase		\$459,803,243	\$493,491,293	\$534,531,997	\$460,399,519	\$493,647,901	\$534,766,908
Depreciation		\$131,260,108	\$142,330,407	\$152,833,038	\$131,391,358	\$142,713,657	\$153,554,038
Total Net Plant/Depreciation Revenue Requirement		\$591,063,350	\$635,821,700	\$687,365,035	\$591,790,877	\$636,361,557	\$688,320,946
LPP Surecharge related to Net Plant and Depreciation							
Average Net Plant		\$3,407,843	\$6,948,687	\$10,263,134	N/A	N/A	N/A
Pre-Tax Return %		7.95%	7.83%	7.83%			
Return on Ratebase		\$270,936	\$544,107	\$803,640			
Depreciation		\$54,782	\$123,643	\$178,911			
Total LPP Surecharge Revenue Requirement		\$325,718	\$667,749	\$982,551			
Total Net Plant/Deprac Revenue Req't including LPP Surecharg		\$591,389,068	\$636,489,450	\$688,347,587	\$591,790,877	\$636,361,557	\$688,320,946

2) Customer's portion of the savings from the lower CSC net plant/depreciation will be booked as a regulatory liability:

		Forecast Allowed in Rates			Assumed Actual Results		
		FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
CSC Average Net Plant		\$96,129,342	\$328,290,968	\$590,166,644	\$95,129,342	\$326,290,968	\$587,166,644
Pre-Tax Return %		7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase		\$7,642,625	\$25,706,351	\$46,212,149	\$7,563,121	\$25,549,744	\$45,977,238
CSC Depreciation		\$1,545,538	\$5,614,206	\$10,343,486	\$1,527,818	\$5,579,206	\$10,290,986
CSC Net Plant/Depreciation Revenue Requirement		\$9,187,943	\$31,320,558	\$56,555,635	\$9,090,939	\$31,128,951	\$56,268,224
CSC Regulatory Liability - Pay Customer 90% and Retain 10% of Net Plant/Depreciation Revenue Requirement Savings (No Savings in Total Net Plant/Depreciation Tracker)							
Total Net Plant/Depreciation and CSC Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/(Liability)							
Check - Should represent 90% of CSC Savings passed back to Customers							
- 100% of other components underage due to including the LPP Surecharge							

		Diff - Regulatory Liability in FY22 & FY23		
		FY2021	FY2022	FY2023
		\$7,500,000	\$2,000,000	\$3,000,000
		7.95%	7.83%	7.83%
		\$596,277	\$156,607	\$234,911
		\$131,250	\$383,250	\$721,000
		\$727,527	\$539,857	\$955,911
		\$3,407,843	(\$6,948,687)	(\$10,263,134)
		7.95%	7.83%	7.83%
		(\$270,936)	(\$544,107)	(\$803,640)
		(\$54,782)	(\$123,643)	(\$178,911)
		(\$325,718)	(\$667,749)	(\$982,551)
		\$401,809	(\$127,892)	(\$26,641)

		Difference - Regulatory Liability		
		FY2021	FY2022	FY2023
		(\$1,000,000)	(\$2,000,000)	(\$3,000,000)
		7.95%	7.83%	7.83%
		(\$70,504)	(\$156,607)	(\$234,911)
		(\$17,500)	(\$35,000)	(\$52,500)
		(\$97,004)	(\$191,607)	(\$287,411)
		90%		
		(\$87,303)	(\$172,446)	(\$258,670)
		(\$87,303)	(\$300,339)	(\$285,531)
		90%		
		(\$87,303)	(\$172,446)	(\$258,670)
		\$0	(\$127,892)	(\$26,641)
		(\$87,303)	(\$300,339)	(\$285,531)
		\$0	\$0	\$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of CSC Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 4
Net Plant/Depreciation Tracker Over 1) Do Not Record Net Utility Plant Regulated Asset - One Way Downward Tracker
CSC Net Plant/Depreciation Tracker Over 2) Record 90% CSC Revenue Requirement Net Plant Excess as a Regulated Asset

1) Assume other components of net plant forecast results exceed forecast allowed in rates, including CSC actual cost is higher than forecast. No regulatory asset is generated due to one way downward tracker:

	Forecast Allowed in Rates			Assumed Actual Results			Difference - No Regulatory Asset Allowed		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Net Utility Plant/Depreciation Tracker Mechanism									
Average Net Plant	\$5,783,429,617	\$6,302,284,271	\$6,826,407,363	\$5,792,929,617	\$6,328,184,271	\$6,873,607,363	\$9,500,000	\$25,900,000	\$47,200,000
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$460,538,526	\$495,519,356	\$538,227,925	\$755,284	\$2,028,062	\$3,695,928
Depreciation	\$131,260,108	\$142,330,407	\$152,833,038	\$131,426,358	\$142,783,657	\$153,659,038	\$166,250	\$453,250	\$826,000
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$591,984,884	\$638,303,012	\$691,886,963	\$921,534	\$2,481,312	\$4,321,928
LPP Surcharge related to Net Plant and Depreciation									
Average Net Plant	\$3,407,843	\$6,948,687	\$10,263,134	N/A	N/A	N/A	(\$3,407,843)	(\$6,948,687)	(\$10,263,134)
Pre-Tax Return %	7.95%	7.83%	7.83%				7.95%	7.83%	7.83%
Return on Ratebase	\$270,936	\$544,107	\$803,640				(\$270,936)	(\$544,107)	(\$803,640)
Depreciation	\$54,782	\$123,643	\$178,911				(\$54,782)	(\$123,643)	(\$178,911)
Total LPP Surcharge Revenue Requirement	\$325,718	\$667,749	\$982,551				(\$325,718)	(\$667,749)	(\$982,551)
Total Net Plant/Depreciation Revenue Req't including LPP Surcharge	\$591,389,068	\$636,489,450	\$688,347,587	\$591,984,884	\$638,303,012	\$691,886,963	\$595,816	\$1,813,563	\$3,339,377

2) Company's portion of the overage from the higher CSC net plant/depreciation will be booked as a regulatory liability:

	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Asset		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
CSC Average Net Plant	\$96,129,342	\$328,290,968	\$590,166,644	\$97,129,342	\$330,290,968	\$593,166,644	\$1,000,000	\$2,000,000	\$3,000,000
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$7,642,625	\$25,706,351	\$46,212,149	\$7,722,128	\$25,862,959	\$46,447,060	\$79,504	\$156,607	\$234,911
CSC Depreciation	\$1,545,318	\$5,614,206	\$10,343,486	\$1,562,818	\$5,649,206	\$10,395,986	\$17,500	\$35,000	\$52,500
CSC Net Plant/Depreciation Revenue Requirement	\$9,187,943	\$31,320,558	\$56,555,635	\$9,284,946	\$31,512,165	\$56,843,045	\$97,004	\$191,607	\$287,411
CSC Regulatory Asset - Charge Customer 90% and Retain 10% of Net Plant/Depreciation Revenue Requirement Excess (No Excess in Total Net Plant/Depreciation Tracker)							90%	\$87,303	\$172,446
Total Net Plant/Depreciation and CSC Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/(Liability)								\$87,303	\$172,446
Check - Should represent 90% of CSC Excess charged to Customers								\$0	\$0

Co. Retains 10% of CSC Revenue Requirement Savings
\$258,670

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of CSC Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

- Example 5
Net Plant/Depreciation Tracker Under
CSC Net Plant/Depreciation Tracker Under
1) Record Net Utility Plant Regulated Liability
2) Record 10% CSC Revenue Requirement Net Plant Savings as a Regulated Asset Offset by difference between CSC Savings and Total Net Plant Savings

1) Assume other components of net plant forecast results are higher than forecast allowed in rates, and CSC actual cost being lower than forecast in excess of total net plant underage. A regulatory liability is generated from the net plant tracker:

	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Liability		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Net Utility Plant/Depreciation Tracker Mechanism									
Average Net Plant	\$5,783,429,617	\$6,302,284,271	\$6,826,407,363	\$5,782,429,617	\$6,300,284,271	\$6,823,407,363	(\$1,000,000)	(\$2,000,000)	(\$3,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$459,723,739	\$493,334,686	\$534,297,087	(\$79,504)	(\$156,607)	(\$234,911)
Depreciation	\$131,260,108	\$142,330,407	\$152,833,038	\$131,242,608	\$142,295,407	\$152,780,538	(\$17,500)	(\$35,000)	(\$52,500)
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$590,966,347	\$635,630,093	\$687,077,625	(\$97,004)	(\$191,607)	(\$287,411)
LPP Surcharge related to Net Plant and Depreciation	N/A	N/A	N/A	N/A	N/A	N/A	\$0	\$0	\$0
Average Net Plant							7.95%	7.83%	7.83%
Pre-Tax Return %							\$0	\$0	\$0
Return on Ratebase							\$0	\$0	\$0
Depreciation							\$0	\$0	\$0
Total LPP Surcharge Revenue Requirement							\$0	\$0	\$0
Total Net Plant/Depreciation Revenue Req't including LPP Surcharge	\$591,063,350	\$635,821,700	\$687,365,035	\$590,966,347	\$635,630,093	\$687,077,625	(\$97,004)	(\$191,607)	(\$287,411)

2) Company's portion of the savings from the lower CSC net plant/depreciation will be booked as a regulatory asset, offsetting a portion of the regulatory liability booked for the net plant tracker:

	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Asset		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
CSC Average Net Plant	\$96,129,342	\$328,290,968	\$390,166,644	\$94,129,342	\$325,290,968	\$386,166,644	(\$2,000,000)	(\$3,000,000)	(\$4,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$7,642,625	\$25,706,351	\$46,212,149	\$7,483,618	\$25,471,441	\$45,898,935	(\$159,007)	(\$234,911)	(\$313,214)
CSC Depreciation	\$1,545,318	\$5,614,206	\$10,343,486	\$1,510,318	\$5,561,706	\$10,273,486	(\$35,000)	(\$52,500)	(\$70,000)
CSC Net Plant/Depreciation Revenue Requirement	\$9,187,943	\$31,320,558	\$56,555,635	\$8,993,936	\$31,033,147	\$56,172,420	(\$194,007)	(\$287,411)	(\$383,214)
CSC Regulatory Asset/(Liability) - Retain 10% of Net Plant/Depreciation Revenue Requirement Savings							\$19,401	\$28,741	\$38,321
CSC Regulatory Asset/(Liability) - Pay Customer the difference between CSC Savings and total Net Plant Savings							(\$97,004)	(\$95,804)	(\$95,804)
Total CSC Regulatory Asset/(Liability)							(\$77,603)	(\$67,062)	(\$57,482)
Total Net Plant/Depreciation and CSC Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/(Liability)							(\$174,606)	(\$258,670)	(\$344,893)
Check - Should represent 90% of CSC Savings passed back to Customers							\$0	\$0	\$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of CSC Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 6
Net Plant/Depreciation Tracker Under
CSC Net Plant/Depreciation Tracker Over

- 1) Record Net Utility Plant Regulated Liability
- 2) Record 10% CSC Revenue Requirement Net Plant Excess as a Regulated Liability

1) Assume all other components of net plant forecast results are under what's allowed in rates, except for LPP and CSC actual cost is higher than forecast. A regulatory liability is generated from the net plant tracker:

Net Utility Plant/Depreciation Tracker Mechanism	Forecast Allowed in Rates		
	FY2021	FY2022	FY2023
Average Net Plant	\$5,783,429,617	\$6,302,284,271	\$6,826,407,363
Pre-Tax Return %	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997
Depreciation	\$131,260,108	\$142,330,407	\$152,833,038
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035
LPP Surcharge related to Net Plant and Depreciation			
Average Net Plant	\$3,407,843	\$6,948,687	\$10,263,134
Pre-Tax Return %	7.95%	7.83%	7.83%
Return on Ratebase	\$270,936	\$544,107	\$803,640
Depreciation	\$54,782	\$123,643	\$178,911
Total LPP Surcharge Revenue Requirement	\$325,718	\$667,749	\$982,551
Total Net Plant/Depreciation Revenue Req't including LPP Surcharge	\$591,389,068	\$636,489,450	\$688,347,587

Assumed Actual Results	Assumed Actual Results		
	FY2021	FY2022	FY2023
	\$5,779,429,617	\$6,299,284,271	\$6,824,407,363
	7.95%	7.83%	7.83%
	\$459,485,228	\$493,256,383	\$534,375,390
	\$131,190,108	\$142,277,907	\$152,798,038
	\$590,675,336	\$635,534,290	\$687,173,428
	N/A	N/A	N/A
	\$590,675,336	\$635,534,290	\$687,173,428

Difference - Regulatory Liability	Difference - Regulatory Liability		
	FY2021	FY2022	FY2023
	(\$4,000,000)	(\$3,000,000)	(\$2,000,000)
	7.95%	7.83%	7.83%
	(\$318,014)	(\$234,911)	(\$156,607)
	(\$70,000)	(\$52,500)	(\$35,000)
	(\$388,014)	(\$287,411)	(\$191,607)
	(\$3,407,843)	(\$6,948,687)	(\$10,263,134)
	7.95%	7.83%	7.83%
	(\$270,936)	(\$544,107)	(\$803,640)
	(\$54,782)	(\$123,643)	(\$178,911)
	(\$325,718)	(\$667,749)	(\$982,551)
	(\$713,732)	(\$955,160)	(\$1,174,158)

2) Company's portion of the overage from the higher CSC net plant/depreciation will be booked as a regulatory liability:

Forecast Allowed in Rates	Forecast Allowed in Rates		
	FY2021	FY2022	FY2023
CSC Average Net Plant	\$96,129,342	\$328,290,968	\$590,166,644
Pre-Tax Return %	7.95%	7.83%	7.83%
Return on Ratebase	\$7,642,625	\$25,706,351	\$46,212,149
CSC Depreciation	\$1,545,318	\$5,614,206	\$10,343,486
CSC Net Plant/Depreciation Revenue Requirement	\$9,187,943	\$31,320,558	\$56,555,635

Assumed Actual Results	Assumed Actual Results		
	FY2021	FY2022	FY2023
	\$97,129,342	\$330,290,968	\$593,166,644
	7.95%	7.83%	7.83%
	\$7,722,128	\$25,862,959	\$46,447,060
	\$1,562,818	\$5,649,206	\$10,395,986
	\$9,284,946	\$31,512,165	\$56,843,045

Difference - Regulatory Asset	Difference - Regulatory Asset		
	FY2021	FY2022	FY2023
	\$1,000,000	\$2,000,000	\$3,000,000
	7.95%	7.83%	7.83%
	\$79,504	\$156,607	\$234,911
	\$17,500	\$35,000	\$52,500
	\$97,004	\$191,607	\$287,411

CSC Regulatory Liability - Pay Customer 10% of Net Plant/Depreciation Revenue Requirement Excess (100% of Excess included in Total Net Plant/Depreciation Tracker)

Total Net Plant/Depreciation and CSC Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/(Liability)

Check - Should represent 90% of CSC Overage charged to Customers
- 100% of other components underage
- 100% of LPP Surcharge

Difference - Regulatory Liability	Difference - Regulatory Liability		
	FY2021	FY2022	FY2023
	(\$9,700)	(\$19,161)	(\$28,741)
	(\$723,433)	(\$974,321)	(\$1,202,899)
	\$87,303	\$172,446	\$258,670
	(\$485,018)	(\$479,018)	(\$479,018)
	(\$325,718)	(\$667,749)	(\$982,551)
	(\$723,433)	(\$974,321)	(\$1,202,899)
	\$0	\$0	\$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Demand Capacity Surcharge Mechanism - Illustrative Example
(\$000's)

Line #	KEDNY			
	FY21	FY22	FY23	FY24
1 Weatherization/IDD ⁽¹⁾	\$ -	\$ 4,785	\$ 20,308	\$ 49,201
2 NE:NY RY4 Incremental Allowances	-	-	-	7,644
3 Demand Response ⁽¹⁾	-	2,447	8,530	12,431
4 Capital Capacity Projects subject to surcharge ⁽¹⁾	-	-	3,528	10,795
5 Total Estimated Capacity Surcharge	<u>\$ -</u>	<u>\$ 7,232</u>	<u>\$ 32,367</u>	<u>\$ 80,070</u>

Line # Notes

1 See Page 2

2 See Page 2, Pursuant to Section 12.2 of the Joint Proposal, the Company will not be permitted to recover for RY 4 Commission approved NE:NY budget to the extent the Section 12.2 Joint Proposal mechanisms cause KEDNY to earn an ROE in excess of 8.8 percent during the period in which the mechanisms are in effect.

3 See Page 7

4 See Page 11. Company recovers projects associated revenue requirement from the preceding year the project is placed in service as well as the current year's revenue requirement.

5 Line 1 + Line 2 + Line 3 + Line 4

Assumptions:

⁽¹⁾ Company meets metrics reflected in Joint Proposal Section 5.3.2 and 5.3.3. Energy Efficiency and Demand Response costs will be recovered on a forecast basis of 50% in the year the costs are expected to be incurred.

The Brooklyn Union Gas Company d/b/a National Grid NY
NE:NY and Weatherization/IDD
(Whole Dollars)

Line # NE:NY Budget/Target ⁽¹⁾

	CY 2021	CY 2022	CY 2023	CY 2024	CY 2025	CY21-25 Total
Gas Budget	\$ 20,516,396	\$ 26,566,362	\$ 33,705,429	\$ 42,864,882	\$ 54,115,606	\$ 177,768,675
Gas Target (MMBtu)	510,740	674,740	857,740	1,082,740	1,347,740	4,473,700

NE:NY Budget/Target prorated to Fiscal Year

	Budget (\$)				Target (MMBtu)			
	FY22 RY2	FY23 RY3	FY24 RY4	FY22 RY2	FY23 RY3	FY24 RY4	FY23 RY3	FY24 RY4
Gas Budget and Gas Target	\$ 22,028,888	\$ 28,351,129	\$ 35,995,292	551,740	720,490	913,990	720,490	913,990

3 Incremental NE:NY Budget RY4

FY23 to FY24	
\$	7,644,164

Weatherization/IDD - Illustrative Example ⁽³⁾

DNY Total (KEDNY & KEDLI)

	FY22	FY23	FY24	FY22	FY23	FY24
Residential	\$9,825,000	\$42,191,250	\$57,231,563	50,250	226,125	320,344
Commercial, Industrial & Multifamily	7,574,044	30,810,074	43,225,938	52,750	226,125	320,344
Total	\$17,399,044	\$73,001,324	\$100,457,500	103,000	452,250	640,688

KEDNY Portion 55% ⁽²⁾

Residential	\$5,403,750	\$23,205,188	\$31,477,359	27,638	124,369	176,189
Commercial, Industrial & Multifamily	4,165,724	16,945,540	23,774,266	29,013	124,369	176,189
Total	\$9,569,474	\$40,150,728	\$55,251,625	56,650	248,738	352,378

Forecast Spend

Actual Spend	\$9,569,474	\$40,150,728	\$55,251,625
Amount Included in Forecast	5,000,000	40,000,000	50,000,000
Amount Rollforward to next year	4,784,737	20,075,364	27,625,813
Carrying Cost on Roll-over	215,263	19,924,636	22,374,188
Amount included in Present Year As-spent	17,827	1,650,060	1,852,919
Total Recovered During the Year	-	233,090	21,574,696
	\$4,784,737	\$20,308,454	\$49,200,508

The Brooklyn Union Gas Company d/b/a National Grid NY
NE:NY and Weatherization/IDD
(Whole Dollars)

Line # Notes

- 1 Gas budgets & targets (MMBtu) per (NE:NY) Case 18-M-0084; Appendix A - Table 4A
Fiscal Year Runs April 1st - March 31st. Fiscal Year takes 9 months of the prior calendar year and 3 months of the current calendar year.
2 (For example FY23 is 9 months of calendar year 2022 and 3 months of calendar year 2023)
- 3 Incremental = Fiscal Year 2024 - Fiscal 2023 (Rate Year 3)
- 4 Illustrative Actual of Total DNY (KEDNY/KEDLI) Weatherization Budget for Residential
- 5 Illustrative Actual of Total DNY (KEDNY/KEDLI) Weatherization Budget for C&I and Multifamily
- 6 Line 4 + Line 5
- 7 Line 4 * 55%
- 8 Line 5 * 55%
- 9 Line 7 + Line 8
- 10 Line 9 - Illustrative Example of Forecast
- 11 Illustrative Example of Actual Spend
- 12 Line 10 * 50%
- 13 Line 11 less Line 12
- 14 Carrying cost calculated on compounded monthly balance over 2 years - See Pages 4 through 6
- 15 FY22 N/A; FY23 & FY24 Prior Year Line 13 + Line 14
- 16 Line 12 + Line 15

Assumptions

- (1) Based on EE weatherization budgets in a "high case" scenario: assumes all future weatherization funding will be incremental and that these projects will be needed after EE and DR expenditures
- (2) KEDNY receives 55%, KEDLI receives remaining 45%
- (3) Budgets and targets shown for incremental energy efficiency above are illustrative only. The official budgets and targets will be filed and approved by the Commission in an annual Incremental DNY DSM filing and may change annually based upon the long-term gas demand forecast and the status of the Long-Term Capacity Projects.
Accelerated NE:NY funding that had been designated for low and moderate income customers in 2024 and 2025 may be spent, at least in part, on market rate incremental energy efficiency programs in Rate Years 2 and 3.
Incremental energy efficiency programs designed to address the design day have a strong peak coincidence factor, a long useful life, and are not reliant on customer behavior. The Companies have conducted several studies and surveys that indicate the incentive levels and costs per therm for the incremental energy efficiency will result in a substantially higher run rate than the Companies' traditional program offerings.
The Companies' Long-Term Gas Demand Forecast depends upon the NE:NY targets being met in 2024 and 2025. To the extent that the Companies accelerate NE:NY funding for those years, the Companies will file to increase NE:NY targets and budgets in 2022, through the mechanism to be identified in the NE:NY Proceeding, in order to replenish accelerated funding and to establish additional funding for continued incremental energy efficiency.

The Brooklyn Union Gas Company d/b/a National Grid NY
Energy Efficiency Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2022 Example

Pre-tax WACC		7.8304%		0.6525%	Monthly pre-tax wacc
Roll-Forward Amount	\$	215,263	\$	17,939	Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 17,939	\$ 17,939	0.65%	\$ 117	\$ 117	\$ 18,056
2	18,056	17,939	35,994	0.65%	235	352	36,229
3	36,229	17,939	54,168	0.65%	353	705	54,521
4	54,521	17,939	72,460	0.65%	473	1,178	72,932
5	72,932	17,939	90,871	0.65%	593	1,771	91,464
6	91,464	17,939	109,403	0.65%	714	2,485	110,116
7	110,116	17,939	128,055	0.65%	836	3,321	128,891
8	128,891	17,939	146,829	0.65%	958	4,279	147,787
9	147,787	17,939	165,726	0.65%	1,081	5,360	166,807
10	166,807	17,939	184,746	0.65%	1,206	6,566	185,951
11	185,951	17,939	203,890	0.65%	1,330	7,896	205,220
12	205,220	17,939	223,159	0.65%	1,456	9,352	224,615
13	224,615	(18,718)	205,897	0.65%	1,344	10,696	207,241
14	207,241	(18,718)	188,523	0.65%	1,230	11,926	189,753
15	189,753	(18,718)	171,035	0.65%	1,116	13,042	172,151
16	172,151	(18,718)	153,433	0.65%	1,001	14,043	154,434
17	154,434	(18,718)	135,716	0.65%	886	14,929	136,602
18	136,602	(18,718)	117,884	0.65%	769	15,698	118,653
19	118,653	(18,718)	99,935	0.65%	652	16,350	100,588
20	100,588	(18,718)	81,870	0.65%	534	16,884	82,404
21	82,404	(18,718)	63,686	0.65%	416	17,300	64,101
22	64,101	(18,718)	45,384	0.65%	296	17,596	45,680
23	45,680	(18,718)	26,962	0.65%	176	17,772	27,138
24	27,138	(18,718)	8,420	0.65%	55	17,827	8,475

The Brooklyn Union Gas Company d/b/a National Grid NY
Energy Efficiency Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2023 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax wacc
Roll-Forward Amount \$ 19,924,636 \$ 1,660,386 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 1,660,386	\$ 1,660,386	0.65%	\$ 10,835	\$ 10,835	\$ 1,671,221
2	1,671,221	1,660,386	3,331,607	0.65%	21,740	32,574	3,353,347
3	3,353,347	1,660,386	5,013,733	0.65%	32,716	65,290	5,046,449
4	5,046,449	1,660,386	6,706,836	0.65%	43,764	109,054	6,750,600
5	6,750,600	1,660,386	8,410,986	0.65%	54,884	163,939	8,465,870
6	8,465,870	1,660,386	10,126,257	0.65%	66,077	230,015	10,192,333
7	10,192,333	1,660,386	11,852,720	0.65%	77,343	307,358	11,930,062
8	11,930,062	1,660,386	13,590,449	0.65%	88,682	396,040	13,679,130
9	13,679,130	1,660,386	15,339,517	0.65%	100,095	496,135	15,439,612
10	15,439,612	1,660,386	17,099,998	0.65%	111,583	607,717	17,211,580
11	17,211,580	1,660,386	18,871,967	0.65%	123,145	730,862	18,995,112
12	18,995,112	1,660,386	20,655,498	0.65%	134,783	865,646	20,790,282
13	20,790,282	(1,732,523)	19,057,758	0.65%	124,358	990,003	19,182,116
14	19,182,116	(1,732,523)	17,449,592	0.65%	113,864	1,103,867	17,563,456
15	17,563,456	(1,732,523)	15,830,932	0.65%	103,302	1,207,168	15,934,234
16	15,934,234	(1,732,523)	14,201,711	0.65%	92,670	1,299,839	14,294,381
17	14,294,381	(1,732,523)	12,561,857	0.65%	81,970	1,381,809	12,643,827
18	12,643,827	(1,732,523)	10,911,304	0.65%	71,199	1,453,008	10,982,503
19	10,982,503	(1,732,523)	9,249,980	0.65%	60,359	1,513,367	9,310,339
20	9,310,339	(1,732,523)	7,577,815	0.65%	49,447	1,562,814	7,627,263
21	7,627,263	(1,732,523)	5,894,739	0.65%	38,465	1,601,279	5,933,204
22	5,933,204	(1,732,523)	4,200,681	0.65%	27,411	1,628,690	4,228,091
23	4,228,091	(1,732,523)	2,495,568	0.65%	16,284	1,644,974	2,511,852
24	2,511,852	(1,732,523)	779,329	0.65%	5,085	1,650,060	784,414

The Brooklyn Union Gas Company d/b/a National Grid NY
Energy Efficiency Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2024 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax wacc
Roll-Forward Amount \$ 22,374,188 \$ 1,864,516 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 1,864,516	\$ 1,864,516	0.65%	\$ 12,167	\$ 12,167	\$ 1,876,682
2	1,876,682	1,864,516	3,741,198	0.65%	24,412	36,579	3,765,610
3	3,765,610	1,864,516	5,630,126	0.65%	36,738	73,317	5,666,864
4	5,666,864	1,864,516	7,531,380	0.65%	49,144	122,462	7,580,524
5	7,580,524	1,864,516	9,445,040	0.65%	61,632	184,093	9,506,671
6	9,506,671	1,864,516	11,371,187	0.65%	74,200	258,294	11,445,387
7	11,445,387	1,864,516	13,309,903	0.65%	86,851	345,145	13,396,754
8	13,396,754	1,864,516	15,261,270	0.65%	99,584	444,729	15,360,854
9	15,360,854	1,864,516	17,225,370	0.65%	112,401	557,130	17,337,770
10	17,337,770	1,864,516	19,202,286	0.65%	125,301	682,430	19,327,587
11	19,327,587	1,864,516	21,192,102	0.65%	138,285	820,715	21,330,387
12	21,330,387	1,864,516	23,194,903	0.65%	151,354	972,069	23,346,256
13	23,346,256	(1,945,521)	21,400,735	0.65%	139,646	1,111,715	21,540,381
14	21,540,381	(1,945,521)	19,594,860	0.65%	127,862	1,239,577	19,722,722
15	19,722,722	(1,945,521)	17,777,201	0.65%	116,002	1,355,579	17,893,202
16	17,893,202	(1,945,521)	15,947,681	0.65%	104,063	1,459,642	16,051,744
17	16,051,744	(1,945,521)	14,106,223	0.65%	92,047	1,551,689	14,198,270
18	14,198,270	(1,945,521)	12,252,749	0.65%	79,953	1,631,642	12,332,701
19	12,332,701	(1,945,521)	10,387,180	0.65%	67,779	1,699,422	10,454,960
20	10,454,960	(1,945,521)	8,509,438	0.65%	55,527	1,754,948	8,564,965
21	8,564,965	(1,945,521)	6,619,443	0.65%	43,194	1,798,142	6,662,637
22	6,662,637	(1,945,521)	4,717,116	0.65%	30,781	1,828,923	4,747,897
23	4,747,897	(1,945,521)	2,802,375	0.65%	18,286	1,847,209	2,820,662
24	2,820,662	(1,945,521)	875,140	0.65%	5,711	1,852,919	880,851

The Brooklyn Union Gas Company d/b/a National Grid NY
Demand Response - Illustrative Example
(Whole Dollars)

<u>Line #</u>		FY22	FY23	FY24
	<u>DR Costs (Downstate KEDNY and KEDLI)</u>			
1	Metering (Labor)	\$ 50,000	\$ 50,000	\$ 50,000
2	Marketing	25,000	25,000	25,000
3	EM&V	100,000	100,000	100,000
4	Vendors	100,000	100,000	100,000
5	Total	<u>\$ 275,000</u>	<u>\$ 275,000</u>	<u>\$ 275,000</u>
	<u>DR Incentive (Downstate KEDNY and KEDLI)</u>			
6	Incentive Costs	<u>\$ 7,950,000</u>	<u>\$ 16,200,000</u>	<u>\$ 19,050,000</u>
	<u>Funding Source Estimates (Downstate KEDNY and KEDLI)</u>			
7	Estimated Remaining EE/DR Settlement Funds	<u>\$ 1,232,270</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>Incremental Funding Need</u>			
8	Downstate KEDNY and KEDLI Total	<u>\$ 6,992,730</u>	<u>\$ 16,475,000</u>	<u>\$ 19,325,000</u>
9	KEDNY Portion - 70% ⁽¹⁾	<u>\$ 4,894,911</u>	<u>\$ 11,532,500</u>	<u>\$ 13,527,500</u>
10	Forecast Spend	\$4,894,911	\$11,532,500	\$13,527,500
11	Actual Spend	5,000,000	11,000,000	13,000,000
12	Amount Included in Forecast	2,447,456	5,766,250	6,763,750
13	Amount Rollforward to next year	2,552,545	5,233,750	6,236,250
14	Carrying Cost on Roll-over	211,389	433,433	516,455
15	Amount included in Present Year As-spent	-	2,763,934	5,667,183
16	Total Recovered During the Year	<u>\$ 2,447,456</u>	<u>\$ 8,530,184</u>	<u>\$ 12,430,933</u>

Line # Notes

- 8 Line 5 + Line 6 - Line 8
- 9 Line 8 * 70%
- 10 Line 9 - Illustrative Example of Forecast
- 11 Illustrative Example of Actual Spend
- 12 Line 10 * 50%
- 13 Line 11 less Line 12
- 14 Carrying cost calculated on compounded monthly balance over 2 years - See Pages 8 through 10
- 15 FY22 N/A; FY23 & FY24 Prior Year Line 13 + Line 14
- 16 Line 12 + Line 15

Assumptions

- ⁽¹⁾ KEDNY receives 70%, KEDLI receives remaining 30%

The Brooklyn Union Gas Company d/b/a National Grid NY
Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2022 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax wacc
Roll-Forward Amount \$ 2,552,545 \$ 212,712 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 212,712	\$ 212,712	0.65%	\$ 1,388	\$ 1,388	\$ 214,100
2	214,100	212,712	426,812	0.65%	2,785	4,173	429,597
3	429,597	212,712	642,309	0.65%	4,191	8,364	646,500
4	646,500	212,712	859,213	0.65%	5,607	13,971	864,819
5	864,819	212,712	1,077,531	0.65%	7,031	21,002	1,084,562
6	1,084,562	212,712	1,297,274	0.65%	8,465	29,467	1,305,740
7	1,305,740	212,712	1,518,452	0.65%	9,908	39,376	1,528,360
8	1,528,360	212,712	1,741,072	0.65%	11,361	50,737	1,752,433
9	1,752,433	212,712	1,965,145	0.65%	12,823	63,560	1,977,968
10	1,977,968	212,712	2,190,680	0.65%	14,295	77,855	2,204,975
11	2,204,975	212,712	2,417,687	0.65%	15,776	93,631	2,433,463
12	2,433,463	212,712	2,646,175	0.65%	17,267	110,898	2,663,442
13	2,663,442	(221,954)	2,441,489	0.65%	15,931	126,829	2,457,420
14	2,457,420	(221,954)	2,235,467	0.65%	14,587	141,416	2,250,054
15	2,250,054	(221,954)	2,028,100	0.65%	13,234	154,650	2,041,334
16	2,041,334	(221,954)	1,819,381	0.65%	11,872	166,522	1,831,253
17	1,831,253	(221,954)	1,609,299	0.65%	10,501	177,023	1,619,800
18	1,619,800	(221,954)	1,397,847	0.65%	9,121	186,145	1,406,968
19	1,406,968	(221,954)	1,185,015	0.65%	7,733	193,877	1,192,747
20	1,192,747	(221,954)	970,794	0.65%	6,335	200,212	977,128
21	977,128	(221,954)	755,175	0.65%	4,928	205,140	760,103
22	760,103	(221,954)	538,149	0.65%	3,512	208,651	541,661
23	541,661	(221,954)	319,707	0.65%	2,086	210,738	321,793
24	321,793	(221,954)	99,840	0.65%	651	211,389	100,491

The Brooklyn Union Gas Company d/b/a National Grid NY
Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2023 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax wacc
Roll-Forward Amount \$ 5,233,750 \$ 436,146 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 436,146	\$ 436,146	0.65%	\$ 2,846	\$ 2,846	\$ 438,992
2	438,992	436,146	875,138	0.65%	5,711	8,557	880,848
3	880,848	436,146	1,316,994	0.65%	8,594	17,150	1,325,588
4	1,325,588	436,146	1,761,734	0.65%	11,496	28,646	1,773,229
5	1,773,229	436,146	2,209,375	0.65%	14,417	43,063	2,223,792
6	2,223,792	436,146	2,659,938	0.65%	17,357	60,420	2,677,295
7	2,677,295	436,146	3,113,441	0.65%	20,316	80,736	3,133,757
8	3,133,757	436,146	3,569,903	0.65%	23,295	104,031	3,593,197
9	3,593,197	436,146	4,029,343	0.65%	26,293	130,323	4,055,636
10	4,055,636	436,146	4,491,782	0.65%	29,310	159,634	4,521,092
11	4,521,092	436,146	4,957,238	0.65%	32,347	191,981	4,989,585
12	4,989,585	436,146	5,425,731	0.65%	35,405	227,385	5,461,135
13	5,461,135	(455,095)	5,006,041	0.65%	32,666	260,051	5,038,707
14	5,038,707	(455,095)	4,583,612	0.65%	29,909	289,961	4,613,522
15	4,613,522	(455,095)	4,158,427	0.65%	27,135	317,096	4,185,562
16	4,185,562	(455,095)	3,730,467	0.65%	24,342	341,438	3,754,810
17	3,754,810	(455,095)	3,299,715	0.65%	21,532	362,970	3,321,247
18	3,321,247	(455,095)	2,866,152	0.65%	18,702	381,672	2,884,855
19	2,884,855	(455,095)	2,429,760	0.65%	15,855	397,527	2,445,615
20	2,445,615	(455,095)	1,990,520	0.65%	12,989	410,516	2,003,509
21	2,003,509	(455,095)	1,548,414	0.65%	10,104	420,620	1,558,518
22	1,558,518	(455,095)	1,103,424	0.65%	7,200	427,820	1,110,624
23	1,110,624	(455,095)	655,529	0.65%	4,278	432,097	659,807
24	659,807	(455,095)	204,712	0.65%	1,336	433,433	206,048

The Brooklyn Union Gas Company d/b/a National Grid NY
Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2024 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax wacc
Roll-Forward Amount \$ 6,236,250 \$ 519,688 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 519,688	\$ 519,688	0.65%	\$ 3,391	\$ 3,391	\$ 523,079
2	523,079	519,688	1,042,766	0.65%	6,804	10,195	1,049,570
3	1,049,570	519,688	1,569,258	0.65%	10,240	20,435	1,579,498
4	1,579,498	519,688	2,099,185	0.65%	13,698	34,133	2,112,883
5	2,112,883	519,688	2,632,571	0.65%	17,178	51,311	2,649,749
6	2,649,749	519,688	3,169,436	0.65%	20,682	71,993	3,190,118
7	3,190,118	519,688	3,709,805	0.65%	24,208	96,201	3,734,013
8	3,734,013	519,688	4,253,701	0.65%	27,757	123,957	4,281,457
9	4,281,457	519,688	4,801,145	0.65%	31,329	155,286	4,832,474
10	4,832,474	519,688	5,352,161	0.65%	34,924	190,211	5,387,086
11	5,387,086	519,688	5,906,773	0.65%	38,543	228,754	5,945,316
12	5,945,316	519,688	6,465,004	0.65%	42,186	270,940	6,507,190
13	6,507,190	(542,266)	5,964,924	0.65%	38,923	309,863	6,003,847
14	6,003,847	(542,266)	5,461,581	0.65%	35,638	345,501	5,497,220
15	5,497,220	(542,266)	4,954,954	0.65%	32,333	377,834	4,987,286
16	4,987,286	(542,266)	4,445,021	0.65%	29,005	406,839	4,474,026
17	4,474,026	(542,266)	3,931,760	0.65%	25,656	432,495	3,957,416
18	3,957,416	(542,266)	3,415,150	0.65%	22,285	454,780	3,437,435
19	3,437,435	(542,266)	2,895,169	0.65%	18,892	473,672	2,914,061
20	2,914,061	(542,266)	2,371,795	0.65%	15,477	489,148	2,387,272
21	2,387,272	(542,266)	1,845,006	0.65%	12,039	501,187	1,857,045
22	1,857,045	(542,266)	1,314,779	0.65%	8,579	509,767	1,323,358
23	1,323,358	(542,266)	781,093	0.65%	5,097	514,864	786,189
24	786,189	(542,266)	243,924	0.65%	1,592	516,455	245,515

The Brooklyn Union Gas Company d/b/a National Grid NY
Capital Capacity Projects
Summary of Estimated Revenue Requirement Impact
(\$000's)

Company's Capital Capacity Projects Excluded from Base Rates

	In-Service Date	Revenue Requirement Impact					Capex Impact					Comments	
		FY21	FY22	FY23	FY24	FY20 (Actuals) + Forecast	FY22	FY23	FY24	FY23	FY24		
KEDNY - Capital Capacity Projects - Subject to Surcharge													
LNG - Portable LNG NYC (Permitting, Site Work)	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project has been deferred indefinitely
Greenspoint Vaporization Expansion (13 and 14)	Dec-2022	-	-	2,812	5,547	838	18,966	20,025	19,500	-	-	-	-
LNG - Truck Load/Unload Station	Dec-2021	-	1,147	2,381	2,436	793	7,677	15,731	2,500	-	-	-	-
CNG - Staten Island CNG Fill Station (50% to KEDLI)	N/A	-	-	-	-	-	-	-	-	-	-	-	-
Elimhurst Reliability Project	Nov-2025	-	-	-	-	-	-	-	-	-	-	-	Project has been deferred indefinitely
LNG - Vaporizers 7 & 8 Replacement	Mar-2027	-	-	-	-	-	-	-	500	1,000	3,000	435	Construction post rate case
Total KEDNY - Capital Capacity Projects Revenue Requirement		\$ -	\$ 1,147	\$ 5,193	\$ 7,983	\$ 1,631	\$ 26,644	\$ 35,756	\$ 22,935	\$ 4,000	\$ -	\$ -	

KEDNY
EARNINGS ADJUSTMENT MECHANISMS

The Company will adopt three Earnings Adjustment Mechanisms (“EAMs”): (1) Share the Savings (“STS”), and (2) LMI Energy Efficiency (“LMI EE”), and (3) Gas Peak Reduction (“GPR”). STS and LMI will be measured on a calendar year (“CY”) basis, and will commence as of January 1, 2021. GPR will be measured on a heating season basis and will commence as of January 1, 2021. If any of the performance levels detailed below are achieved, the Company can earn an annual pre-tax positive revenue adjustment.

EAMs shall be awarded at minimum, midpoint, and maximum target levels in dollars only, as specified in Table 2. Basis point amounts associated with each metric and achievement level are provided for illustrative purposes only.

For periods beyond Rate Year Three, the Company may annually file a petition for Commission consideration proposing EAMs for the upcoming year until it files to establish new base delivery rates. The EAMs, targets, and positive revenue adjustments are described in the sections that follow. The targets and associated incentives are outlined in the tables below.

Since calendar years do not align with Rate Years, the descriptions below of each EAM include details as to the timing of performance and measurement.

Table 1: KEDNY EAM Target Summary

Metric	Units		Targets		
			CY2021	CY 2022	CY2023
Gas EE Share the Savings (StS)	(n/a)	Min	Determined formulaically		
		Mid			
		Max			
Low and Moderate Income (LMI) Customer Savings	MMBtu	Min	N/A	N/A	82,574
		Mid			90,438
		Max			114,031
Gas Peak Reduction (GPR)		Heating season	2020/2021	2021/2022	2022/2023
		Baseline heat factor	Determined Formulaically		
	% reduction below prior season heat factor	Min			
		Mid			
		Max			

Table 2: KEDNY EAM Incentive Summary

Metric		Basis Points			\$ (000s)		
		CY2021	CY 2022	CY2023	CY2021	CY 2022	CY2023
Gas EE Share the Savings (StS)	(n/a)	Determined formulaically			Determined formulaically		
Low and Moderate Income (LMI) Customer Savings	Min	N/A	N/A	1	N/A	N/A	\$387
	Mid			3			\$1,162
	Max			5			\$1,937
Gas Peak Reduction (GPR)	Min	2.5	2.5	2.5	\$894	\$968	\$968
	Mid	5	5	5	\$1,788	\$1,937	\$1,937
	Max	10	10	10	\$3,576	\$3,873	\$3,873

EAM Calculations

1.0 System Efficiency

The System Efficiency EAM is composed of one metric: Gas Peak Reduction (“GPR”)

1.1 Peak Reduction

Description

The Gas Peak Reduction (“GPR”) EAM incentivizes the Company to deliver reductions in daily firm heating load gas demand in its territory. It sets performance targets based on a linear regression of historical gas peak demand data sourced from the prior five winter periods preceding each calendar year. Minimum, mid-point and maximum targets are based on 0.25, 1.0, and 1.75 standard errors from the winter peak as predicted based on the regression, and achievement is based on the ability of the Company to meet the firm gas system peak reduction targets.

Since EAMs cannot begin until January 2021, and since the Company’s efforts to reduce peak demand through demand response began in 2020, the first winter season will be considered to be the one that extends into 2021 from the prior year, *i.e.*, the 2020-21 winter season (with the heating load derived by subtracting the 2020 summer peak load, as defined in the metric below). The Company will not earn on the first year unless the peak is realized between January 1, 2021 and March 31, 2021.

Metric

The metric is based on the firm-only heating load, measured as dekatherm-days (MDt-day) per heating degree day (HDD), also referred to as “heat factor.”

Non-heating load is removed by subtracting the prior year’s summer peak from the winter peak. Thus, the equation for the metric is as follows:

$$CY_x \text{ Heat Factor} = \frac{CY_x \text{ Winter Firm Peak Demand} - CY_x \text{ Summer Firm Peak Demand}}{CY_x \text{ Winter Firm Peak Day HDD}}$$

where

$x = 1, 2, 3$, etc. for Calendar Year 1, Calendar Year 2, etc.

$CY_x \text{ Heat Factor}$ = The non-heating firm gas demand in Calendar Year x normalized for air temperature (as represented by HDDs)

Peak Demand = The highest sendout during the entirety of a gas day during the winter and summer seasons, including supplies from any LNG and CNG facilities within the Company's territory and all trucked CNG, with non-firm customer consumption and gas used for power generation removed

CY_x Winter Firm Peak Demand = The winter gas peak demand (as measured on a gas day basis) in Calendar Year x, for the period between November 1 of Calendar Year x through March 31 of Calendar Year x+1; so, by this definition "Calendar Year" refers to the winter season extending from one calendar year into the next

CY_x Summer Firm Peak Demand = The summer gas peak demand (as measured on a gas day basis) in Calendar Year x, for the period between July 1 of Calendar Year x through September 30 of Calendar Year x; this element of the metric is presumed to represent the baseline non-heating load of Calendar Year x

CY_x Winter Firm Peak Day HDD = A measure of the number of degrees that the peak gas day's 24-hour dry bulb temperature is below 65° F, as measured at the LaGuardia Airport weather station (KLGA)

Target

The rate year minimum, midpoint, and maximum targets for heat factor (Dth/HDD), are set based on the following formula:

$$CY_x \text{ GPR Min} = CY_x \text{ gas peak forecast} - 0.25 \text{ standard error}$$

$$CY_x \text{ GPR Mid} = CY_x \text{ gas peak forecast} - 1.0 \text{ standard error}$$

$$CY_x \text{ GPR Max} = CY_x \text{ gas peak forecast} - 1.75 \text{ standard error}$$

where

$x = 1, 2, 3, \text{ etc. for } CY_1, CY_2, CY_3, \text{ etc.}$

CY_x gas peak forecast = The forecasted demand for Calendar Year x, based on the trendline of the linear regression of the last five years' heat factors (see definition of CY_x GPR above) in the Company's service territory

standard error = The standard error of the linear regression derived from the last five years' heat factors in the Company's service territory

Achievement and basis points

Achievement will be based on the targets as set above, with a linear scale between minimum and midpoint basis points, and another between midpoint and maximum basis points. The basis points will be calculated as follows:

Peak Reduction - KEDNY	Basis Points	Dollars (\$000s)		
		2021	2022	2023
Minimum (<i>BP Min</i>)	2.5	\$894	\$968	\$968
Midpoint (<i>BP Mid</i>)	5	\$1,788	\$1,937	\$1,937
Maximum (<i>BP Max</i>)	10	\$3,576	\$3,873	\$3,873

Achievement will be calculated as follows:

- a) If $CY_x \text{ Heat Factor} < CY_x \text{ Min}$,

$$BP_{\text{awarded}} = 0$$

- b) If $CY_x \text{ GPR Mid} > CY_x \text{ Heat Factor} \geq CY_x \text{ GPR Min}$,

$$BP_{\text{awarded}} = BP \text{ Min} + (\text{Min/Mid Slope}) * (CY_x \text{ Heat Factor} - CY_x \text{ GPR Min})$$

$$\text{Min/Mid Slope} = \frac{BP \text{ Mid} - BP \text{ Min}}{CY_x \text{ GPR Min} - CY_x \text{ GPR Mid}}$$

- c) If $CY_x \text{ GPR Max} \geq CY_x \text{ Heat Factor} \geq CY_x \text{ GPR Mid}$,

$$BP_{\text{awarded}} = BP \text{ Mid} + (\text{Mid/Max Slope}) * (CY_x \text{ Heat Factor} - CY_x \text{ GPR Mid})$$

$$\text{Mid/Max Slope} = \frac{BP \text{ Max} - BP \text{ Mid}}{CY_x \text{ GPR Mid} - CY_x \text{ GPR Max}}$$

- d) If $CY_x \text{ Heat Factor} > CY_x \text{ GPR Max}$

$$BP_{\text{awarded}} = BP \text{ Max}$$

2.0 Energy Efficiency Measures

The Energy Efficiency EAM is composed of two metrics: Share the Savings and Low & Moderate Income Energy Efficiency.

2.1 Share the Savings EAM

Description

The STS EAM incentivizes the Company to reduce the unit costs of its energy efficiency portfolio (excluding LMI programs). The Company can achieve incentives under this EAM by reducing total portfolio expenditure and/or by increasing the overall achievement above the approved baseline level of lifetime energy savings. The Company will be awarded 30% of unit cost savings, as detailed in the metric below.

Performance on the STS EAM may be measured through the entirety of CY 2023 based on targets and basis points above or as approved by the Commission in a filing by the Company to establish new base delivery rates changing the targets and/or basis points.

Metric

STS performance and associated incentives will be calculated by determining: (i) a baseline energy efficiency (“EE”) unit cost savings; (ii) to the difference between that baseline and the actual acquired EE savings; and (iii) applying a percent share (30%) to the result. The formula is as follows:

$$\begin{aligned} \text{STS EAM (\$)} = & \\ & (CY_x \text{ Baseline LMMBTu Unit Cost} - CY_x \text{ Acquired LMMBTu Unit Cost}) * \\ & CY_x \text{ Acquired LMMBTu} * 30\% \end{aligned}$$

where

$x = 1, 2, 3$, etc. for Calendar Year 1, Calendar Year 2, Calendar Year 3, etc.

$$CY_x \text{ Baseline LMMBTu Unit Cost} = \frac{CY_x \text{ Baseline Budget}}{CY_x \text{ Baseline LMMBTu}}$$

$CY_x \text{ Baseline Budget}$ = The sum of (a) the Company’s total non-LMI budget approved in the January 2020 NE:NY Order and (b) any incremental weatherization budget approved by the Commission in the annual Downstate Demand Side Management filings

$$CY_x \text{ Baseline LMMBTu} = CY_x \text{ Baseline AMMBtu} * \text{Portfolio EUL}$$

$CY_x \text{ Baseline AMMBtu}$ = The sum of (a) the Company’s annual energy savings target approved in the January 2020 NE:NY Order and (b) any incremental weatherization energy savings target approved in the annual Downstate Demand Side Management filings

Portfolio EUL = The Company’s portfolio-level Effective Useful Life in the year prior to CY_x , as determined by the applicable

Technical Resources Manual (“TRM”), and utilizing a verified gross savings methodology¹

$$CY_x \text{ Acquired LMMBtu Unit Cost} = \frac{CY_x \text{ Actual Expenditures}}{CY_x \text{ Acquired LMMBtu}}$$

CY_x Actual Expenditures = The Company’s total expenditures on its energy efficiency portfolio in CY_x, exclusive of LMI programs

CY_x Acquired LMMBtu = CY_x Acquired AMMBtu * CY_x Portfolio EUL

CY_x Acquired AMMBtu = The Company’s acquired annual verified gross energy savings, exclusive of savings from LMI programs, as reported in the Company’s year-end scorecard

CY_x Portfolio EUL = The Company’s portfolio EUL, as determined by the applicable TRM at the time the savings are acquired, and utilizing a verified gross savings methodology²

LMI programs = the portfolio of programs established in the Statewide Implementation plan (see Section 2.2 below)

Target

This EAM is computed formulaically, per the Metric above, and as such has no minimum, midpoint, or maximum targets.

Achievement and basis points

Achievement is based on the formula detailed in the “Metric” section above. To account for the shifting of funds between years, the threshold for qualifying to collect the STS EAM shall be achievement of the annual NE:NY target (excluding LMI programs) plus the cumulative over- or under-performance divided by the remaining number of years in the NE:NY period (2019-2025). If the Commission authorizes additional budgets and/or targets, the EAM calculation, including the threshold for qualification, should be updated accordingly.

¹ For measures and programs where verified gross savings studies have not been completed, there may need to be adjustments in future years to the portfolio EUL as those studies are completed. Also, the baseline EUL would be recalculated using the EULs associated with the updated TRM version in effect for the year in which performance is being measured, so that the baseline and actuals are compared on a like-to-like basis. *E.g.*, if the TRM EUL of a boiler replacement changes during 2021, the associated EUL for all boiler replacements in 2020 would be recalculated based on that updated EUL.

² See note 1 above.

2.2 Low & Moderate Income Customer Savings

Description

The Low & Moderate Income (“LMI”) Customer Savings EAM incentivizes the Company to exceed the cumulative annual savings targets for its LMI portfolio, as defined in the 2020 Statewide Implementation Plan.

The term for the LMI EAM is measured as the cumulative performance over a three-year period, and as such its performance will be measured through the entirety of CY 2021 through CY 2023.

Metric

The LMI EAM metric is based on the sum of annual Dth savings targets for the Company’s LMI energy efficiency portfolio over a three-year term. Annual targets for the LMI portfolios have been established in the 2020 Statewide Implementation Plan.

Where:

LMI Baseline = the sum of the Company’s annual Dth targets for calendar years 2021-2023 as outlined in the 2020 Statewide Implementation Plan

Acquired LMI ADth Savings = the sum of acquired annual verified gross energy savings (measured in Dth) of the Company’s LMI portfolio

Target

The targets for achievement will be as follows:

$$LMI\ Min = LMI\ Baseline * 105\%$$

$$LMI\ Mid = LMI\ Baseline * 115\%$$

$$LMI\ Max = LMI\ Baseline * 145\%$$

Achievement and basis points

Achievement will be based on the targets as outlined above, with a linear scale between minimum and midpoint basis points, and between midpoint and maximum basis points. Potential basis points are as follows:

LMI Metric - KEDNY	Basis Points	Dollars (\$000s)
Minimum (<i>BP Min</i>)	1	\$387
Midpoint (<i>BP Mid</i>)	3	\$1,162

Maximum (<i>BP Max</i>)	5	\$1,937
---------------------------	---	---------

a) If LMI Acquired < LMI Min, $BP_{\text{awarded}} = 0$

b) If LMI Mid > LMI Acquired \geq LMI Min,

$$BP_{\text{awarded}} = BP \text{ Min} + (\text{Min/Mid Slope}) * (\text{LMI Acquired} - \text{LMI Min})$$

$$\text{Min/Mid Slope} = \frac{BP \text{ Mid} - BP \text{ Min}}{\text{LMI Acquired} - \text{LMI Min}}$$

c) If LMI Max > LMI Acquired \geq LMI Mid,

$$BP_{\text{awarded}} = BP \text{ Mid} + (\text{Mid/Max Slope}) * (\text{LMI Acquired} - \text{LMI Mid})$$

$$\text{Mid/Max Slope} = \frac{BP \text{ Max} - BP \text{ Mid}}{\text{LMI Acquired} - \text{LMI Mid}}$$

d) If LMI Acquired \geq LMI Max, $BP_{\text{awarded}} = BP \text{ Max}$

If the Commission authorizes additional budgets and/or targets, the EAM calculation, including the threshold for qualification, should be updated accordingly.

3.0 EAM REPORTING REQUIREMENTS

The Company will file annual EAM reports with the Secretary no later than April 15 of each year setting forth the Company's performance relative to each EAM metric target, savings and benefits achieved, and calculations for incentives earned, including proration of any incentives related to metric achievement between the minimum, midpoint, and the maximum target levels, and explanations for any targets not achieved. The Company will also file with the Secretary a mid-year report no later than October 15 each year to describe the Company's progress toward each EAM's metric target, the actions taken by the Company to achieve target performance, and a forecast of whether the Company expects to meet its annual EAM targets.

4.0 RECOVERY OF EAM POSITIVE REVENUE ADJUSTMENTS

If the Company achieves earnings on the Gas Peak Reduction EAM during the Rate Year 1 winter season, it will be permitted to earn EAM positive revenue adjustments through gas surcharges within 30 days of the issuance of a Commission order adopting the terms of this Joint Proposal. The Company will be permitted to recover earned EAM positive revenue adjustments for all other EAMs through gas surcharges beginning May 1, 2022, as set forth in Sections IV.3.12, IV.3.20, IV.7.8 of the Joint Proposal.

The Brooklyn Union Gas Company d/b/a National Grid NY
Service Company Rents IT and GBE Program Net Plant and Depreciation Expense Reconciliation Mechanism
Revenue Requirement Target
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

	Rate Year Ending March 31, 2021		
	Total Revenue Requirement Target	Gas Revenue Requirement Return (a)	Gas Revenue Requirement Depreciation (b)
Forecast included in Revenue Requirement Settlement		\$ 3,469,724	\$ 16,126,134
Total Revenue Requirement Target	<u>\$ 19,595,858</u>	<u>\$ 3,469,724</u>	<u>\$ 16,126,134</u>
*Estimated Actual Results		\$ 3,678,907	\$ 15,678,900
Total Revenue Requirement Actuals	<u>\$ 19,357,807</u>	<u>\$ 3,678,907</u>	<u>\$ 15,678,900</u>
Actuals higher/(lower) than Target	<u>\$ (238,051)</u>		

	Rate Year Ending March 31, 2022		
	Total Revenue Requirement Target	Gas Revenue Requirement Return (a)	Gas Revenue Requirement Depreciation (b)
Forecast included in Revenue Requirement Settlement		\$ 3,340,961	\$ 17,591,381
Total Revenue Requirement Target	<u>\$ 20,932,342</u>	<u>\$ 3,340,961</u>	<u>\$ 17,591,381</u>
*Estimated Actual Results		\$ 3,350,000	\$ 16,789,000
Total Revenue Requirement Actuals	<u>\$ 20,139,000</u>	<u>\$ 3,350,000</u>	<u>\$ 16,789,000</u>
Actuals higher/(lower) than Target	<u>\$ (793,342)</u>		

	Rate Year Ending March 31, 2023		
	Total Revenue Requirement Target	Gas Revenue Requirement Return (a)	Gas Revenue Requirement Depreciation (b)
Forecast included in Revenue Requirement Settlement		\$ 5,209,865	\$ 27,837,907
Total Revenue Requirement Target	<u>\$ 33,047,771</u>	<u>\$ 5,209,865</u>	<u>\$ 27,837,907</u>
*Estimated Actual Results		\$ 5,800,000	\$ 28,906,000
Total Revenue Requirement Actuals	<u>\$ 34,706,000</u>	<u>\$ 5,800,000</u>	<u>\$ 28,906,000</u>
Actuals higher/(lower) than Target	<u>\$ 1,658,229</u>		

3 Year Cumulative Revenue Requirement Actuals	\$ 74,202,807
3 Year Cumulative Revenue Requirement Target	\$ 73,575,972
3 Year Cumulative Actuals higher/(lower) than Target	<u>\$ 626,835</u>

Note: Downward only reconciliation - no amounts due from customer if actuals are higher than target
*Actual Revenue Requirement results will be calculated using the SC Rent Model

KERNY
Company Name
Billing Service Company
For the Period Ending March 31, 2021

Line	Description	Work Order	KERNY	Bill Period	Task Start	In Service Date	Amortization Period	4/1/2020 Balance	3/31/2021 Balance	Average Balance	Service Co. Return	7/29/2019	5/2/2020	KERNY Allocation	KERNY Rent Return	KERNY Rent - Perm
202	NVP 10140 - US Retail Security Architecture (Full)	0000015008	YES	6/20	13,6171	11/30/2016	84	\$1,1412	\$51,951	\$51,991	7,920000	7,920000	13,9800	\$	507	2,724
203	NVP 10140 - US Retail Security Architecture (Full)	0000015009	YES	6/20	14,2668	12/22/2016	84	\$1,2875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	4,851	4,937
204	NVP 10140 - US Retail Security Architecture (Full)	0000015010	YES	6/20	14,8166	12/22/2016	84	\$1,3875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	4,669	21,700
205	NVP 10140 - US Retail Security Architecture (Full)	0000015011	YES	6/20	15,3664	12/22/2016	120	\$1,4875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	6,669	48,139
206	NVP 10140 - US Retail Security Architecture (Full)	0000015012	YES	6/20	15,9162	12/22/2016	84	\$1,5875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	9,679	29,645
207	NVP 10140 - US Retail Security Architecture (Full)	0000015013	YES	6/20	16,4660	12/22/2016	84	\$1,6875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	10,647	29,645
208	NVP 10140 - US Retail Security Architecture (Full)	0000015014	YES	6/20	17,0158	12/22/2016	120	\$1,7875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	12,615	15,559
209	NVP 10140 - US Retail Security Architecture (Full)	0000015015	YES	6/20	17,5656	12/22/2016	84	\$1,8875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	14,583	17,483
210	NVP 10140 - US Retail Security Architecture (Full)	0000015016	YES	6/20	18,1154	12/22/2016	84	\$1,9875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	15,551	15,567
211	NVP 10140 - US Retail Security Architecture (Full)	0000015017	YES	6/20	18,6652	12/22/2016	120	\$2,0875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	17,519	34,494
212	NVP 10140 - US Retail Security Architecture (Full)	0000015018	YES	6/20	19,2150	12/22/2016	84	\$2,1875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	18,487	31,166
213	NVP 10140 - US Retail Security Architecture (Full)	0000015019	YES	6/20	19,7648	12/22/2016	84	\$2,2875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	19,455	16,122
214	NVP 10140 - US Retail Security Architecture (Full)	0000015020	YES	6/20	20,3146	12/22/2016	120	\$2,3875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	21,423	54,724
215	NVP 10140 - US Retail Security Architecture (Full)	0000015021	YES	6/20	20,8644	12/22/2016	84	\$2,4875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	22,391	21,379
216	NVP 10140 - US Retail Security Architecture (Full)	0000015022	YES	6/20	21,4142	12/22/2016	120	\$2,5875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	24,359	49,857
217	NVP 10140 - US Retail Security Architecture (Full)	0000015023	YES	6/20	21,9640	12/22/2016	84	\$2,6875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	25,327	41,679
218	NVP 10140 - US Retail Security Architecture (Full)	0000015024	YES	6/20	22,5138	12/22/2016	120	\$2,7875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	27,295	17,740
219	NVP 10140 - US Retail Security Architecture (Full)	0000015025	YES	6/20	23,0636	12/22/2016	84	\$2,8875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	28,263	5,054
220	NVP 10140 - US Retail Security Architecture (Full)	0000015026	YES	6/20	23,6134	12/22/2016	120	\$2,9875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	30,231	20,485
221	NVP 10140 - US Retail Security Architecture (Full)	0000015027	YES	6/20	24,1632	12/22/2016	84	\$3,0875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	31,199	-
222	NVP 10140 - US Retail Security Architecture (Full)	0000015028	YES	6/20	24,7130	12/22/2016	120	\$3,1875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	33,167	4,119
223	NVP 10140 - US Retail Security Architecture (Full)	0000015029	YES	6/20	25,2628	12/22/2016	84	\$3,2875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	34,135	-
224	NVP 10140 - US Retail Security Architecture (Full)	0000015030	YES	6/20	25,8126	12/22/2016	120	\$3,3875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	36,103	-
225	NVP 10140 - US Retail Security Architecture (Full)	0000015031	YES	6/20	26,3624	12/22/2016	84	\$3,4875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	37,071	-
226	NVP 10140 - US Retail Security Architecture (Full)	0000015032	YES	6/20	26,9122	12/22/2016	120	\$3,5875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	39,039	-
227	NVP 10140 - US Retail Security Architecture (Full)	0000015033	YES	6/20	27,4620	12/22/2016	84	\$3,6875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	40,007	-
228	NVP 10140 - US Retail Security Architecture (Full)	0000015034	YES	6/20	28,0118	12/22/2016	120	\$3,7875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	41,975	-
229	NVP 10140 - US Retail Security Architecture (Full)	0000015035	YES	6/20	28,5616	12/22/2016	84	\$3,8875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	43,943	-
230	NVP 10140 - US Retail Security Architecture (Full)	0000015036	YES	6/20	29,1114	12/22/2016	120	\$3,9875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	45,911	-
231	NVP 10140 - US Retail Security Architecture (Full)	0000015037	YES	6/20	29,6612	12/22/2016	84	\$4,0875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	47,879	-
232	NVP 10140 - US Retail Security Architecture (Full)	0000015038	YES	6/20	30,2110	12/22/2016	120	\$4,1875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	49,847	-
233	NVP 10140 - US Retail Security Architecture (Full)	0000015039	YES	6/20	30,7608	12/22/2016	84	\$4,2875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	51,815	-
234	NVP 10140 - US Retail Security Architecture (Full)	0000015040	YES	6/20	31,3106	12/22/2016	120	\$4,3875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	53,783	-
235	NVP 10140 - US Retail Security Architecture (Full)	0000015041	YES	6/20	31,8604	12/22/2016	84	\$4,4875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	55,751	-
236	NVP 10140 - US Retail Security Architecture (Full)	0000015042	YES	6/20	32,4102	12/22/2016	120	\$4,5875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	57,719	-
237	NVP 10140 - US Retail Security Architecture (Full)	0000015043	YES	6/20	32,9600	12/22/2016	84	\$4,6875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	59,687	-
238	NVP 10140 - US Retail Security Architecture (Full)	0000015044	YES	6/20	33,5098	12/22/2016	120	\$4,7875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	61,655	-
239	NVP 10140 - US Retail Security Architecture (Full)	0000015045	YES	6/20	34,0596	12/22/2016	84	\$4,8875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	63,623	-
240	NVP 10140 - US Retail Security Architecture (Full)	0000015046	YES	6/20	34,6094	12/22/2016	120	\$4,9875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	65,591	-
241	NVP 10140 - US Retail Security Architecture (Full)	0000015047	YES	6/20	35,1592	12/22/2016	84	\$5,0875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	67,559	-
242	NVP 10140 - US Retail Security Architecture (Full)	0000015048	YES	6/20	35,7090	12/22/2016	120	\$5,1875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	69,527	-
243	NVP 10140 - US Retail Security Architecture (Full)	0000015049	YES	6/20	36,2588	12/22/2016	84	\$5,2875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	71,495	-
244	NVP 10140 - US Retail Security Architecture (Full)	0000015050	YES	6/20	36,8086	12/22/2016	120	\$5,3875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	73,463	-
245	NVP 10140 - US Retail Security Architecture (Full)	0000015051	YES	6/20	37,3584	12/22/2016	84	\$5,4875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	75,431	-
246	NVP 10140 - US Retail Security Architecture (Full)	0000015052	YES	6/20	37,9082	12/22/2016	120	\$5,5875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	77,399	-
247	NVP 10140 - US Retail Security Architecture (Full)	0000015053	YES	6/20	38,4580	12/22/2016	84	\$5,6875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	79,367	-
248	NVP 10140 - US Retail Security Architecture (Full)	0000015054	YES	6/20	39,0078	12/22/2016	120	\$5,7875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	81,335	-
249	NVP 10140 - US Retail Security Architecture (Full)	0000015055	YES	6/20	39,5576	12/22/2016	84	\$5,8875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	83,303	-
250	NVP 10140 - US Retail Security Architecture (Full)	0000015056	YES	6/20	40,1074	12/22/2016	120	\$5,9875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	85,271	-
251	NVP 10140 - US Retail Security Architecture (Full)	0000015057	YES	6/20	40,6572	12/22/2016	84	\$6,0875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	87,239	-
252	NVP 10140 - US Retail Security Architecture (Full)	0000015058	YES	6/20	41,2070	12/22/2016	120	\$6,1875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	89,207	-
253	NVP 10140 - US Retail Security Architecture (Full)	0000015059	YES	6/20	41,7568	12/22/2016	84	\$6,2875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	91,175	-
254	NVP 10140 - US Retail Security Architecture (Full)	0000015060	YES	6/20	42,3066	12/22/2016	120	\$6,3875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	93,143	-
255	NVP 10140 - US Retail Security Architecture (Full)	0000015061	YES	6/20	42,8564	12/22/2016	84	\$6,4875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	95,111	-
256	NVP 10140 - US Retail Security Architecture (Full)	0000015062	YES	6/20	43,4062	12/22/2016	120	\$6,5875	\$984,607	\$984,607	7,920000	7,920000	13,9800	\$	97,079	-
257	NVP 10140 - US Retail Security Architecture (Full)	0000015063	YES	6/20	43,9560	12/22/2016	84	\$6,6875	\$2,772,308	\$2,772,308	7,920000	7,920000	13,9800	\$	99,047	-
258	NVP 10140 - US Retail Security Architecture (Full)	0000015064	YES	6/20	44,5											

KERNY
Contract Files
Billing Service Company Capital Software Licenses allocated to Operating Companies as Best Expense
For the 12 ended March 31, 2023

Wk Order	Label Description	KERNY	Bill Prod	Bill Period	Rate	In Service Date	Amortization Period	4/1/22 Balance	3/31/2023 Balance	Service Co Return	7/2/2024	KERNY Allocation	KERNY Headroom	KERNY Rate-Down
202	NVP 10140 - US ResNet Security Architecture (Full)	YES	6020	6/2020	\$	13,571	84	\$2,169	\$1,527	7.000%	13.00%	\$	197	\$ 21,274
203	NVP 10141 - US ResNet Security Architecture (Full)	YES	6020	6/2020	\$	2,494,688	84	\$41,560	\$30,514	7.000%	13.00%	\$	21,198	\$ 4,987
204	NVP 10142 - Amazon Linux Upgrade	YES	6020	6/2020	\$	1,851,660	84	\$28,206	\$20,616	7.000%	13.00%	\$	1,151	\$ 2,190
205	Palms - Amazon Linux Upgrade	YES	6020	6/2020	\$	4,846,640	120	\$40,387	\$30,284	7.000%	13.00%	\$	4,178	\$ 48,439
206	NVP 10143 - AWS IAM Upgrade	YES	6020	6/2020	\$	1,662,620	84	\$20,763	\$15,577	7.000%	13.00%	\$	1,274	\$ 29,641
207	NVP 10144 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,120,640	120	\$17,671	\$13,252	7.000%	13.00%	\$	1,478	\$ 29,641
208	NVP 10145 - AWS IAM Upgrade	YES	6020	6/2020	\$	1,989,586	120	\$16,581	\$12,431	7.000%	13.00%	\$	1,317	\$ 15,559
209	NVP 10146 - AWS IAM Upgrade	YES	6020	6/2020	\$	1,520,640	120	\$12,664	\$9,247	7.000%	13.00%	\$	1,028	\$ 17,883
210	Comcast Software - NVP 4224 - Amazon S3 Performance (Full) Upgrade (HANA)	YES	6012	6/2020	\$	1,232,664	120	\$10,265	\$7,548	7.000%	13.00%	\$	4,298	\$ 17,883
211	Comcast Software - NVP 4224 - Amazon S3 Performance (Full) Upgrade (HANA)	YES	6012	6/2020	\$	1,199,264	120	\$9,985	\$7,364	7.000%	13.00%	\$	3,779	\$ 15,557
212	Comcast Software - NVP 3611 - Amazon RDS PostgreSQL Performance (Full) Upgrade (HANA)	YES	6012	6/2020	\$	1,199,264	120	\$9,985	\$7,364	7.000%	13.00%	\$	3,779	\$ 15,557
213	Comcast Software - NVP 3611 - Amazon RDS PostgreSQL Performance (Full) Upgrade (HANA)	YES	6012	6/2020	\$	1,199,264	120	\$9,985	\$7,364	7.000%	13.00%	\$	3,779	\$ 15,557
214	NVP 10147 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
222	NVP 10148 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
223	NVP 10149 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
224	NVP 10150 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
225	NVP 10151 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
226	NVP 10152 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
227	NVP 10153 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
228	NVP 10154 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
229	NVP 10155 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
230	NVP 10156 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
231	NVP 10157 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
232	NVP 10158 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
233	NVP 10159 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
234	NVP 10160 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
235	NVP 10161 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
236	NVP 10162 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
237	NVP 10163 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
238	NVP 10164 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
239	NVP 10165 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
240	NVP 10166 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
241	NVP 10167 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
242	NVP 10168 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
243	NVP 10169 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
244	NVP 10170 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
245	NVP 10171 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
246	NVP 10172 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
247	NVP 10173 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
248	NVP 10174 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
249	NVP 10175 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
250	NVP 10176 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
251	NVP 10177 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
252	NVP 10178 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
253	NVP 10179 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
254	NVP 10180 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
255	NVP 10181 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
256	NVP 10182 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
257	NVP 10183 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
258	NVP 10184 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
259	NVP 10185 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
260	NVP 10186 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
261	NVP 10187 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
262	NVP 10188 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
263	NVP 10189 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
264	NVP 10190 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
265	NVP 10191 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
266	NVP 10192 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
267	NVP 10193 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
268	NVP 10194 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
269	NVP 10195 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
270	NVP 10196 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
271	NVP 10197 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
272	NVP 10198 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
273	NVP 10199 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
274	NVP 10200 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
275	NVP 10201 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
276	NVP 10202 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
277	NVP 10203 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
278	NVP 10204 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
279	NVP 10205 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00%	\$	1,936	\$ 34,494
280	NVP 10206 - AWS IAM Upgrade	YES	6020	6/2020	\$	2,526,667	84	\$39,169	\$28,825	7.000%	13.00			

Summary of Account Balances
 Summary of Account Balances

Table with columns: Line, Description, Program, Package Program, NYF, MNY, BR, Fed, Interest Date, Amount Due, Anticipation Period, 4/1/2022 Balance, 3/31/2022 Balance, Average Balance, Service Charges, MNY Allocations, MNY Due by Date, MNY Due Date.

The Brooklyn Union Gas Company d/b/a National Grid NY
Customer Connections Two Way Tracker
Example of Customer Connections Revenue Requirement Compared to Rate Allowance

	Rate Allowance					Example of Spend Over Rate Allowance							Amount Subject to Deferral (o)		
	Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.84% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility (e)	Pre - Tax WACC 7.83% (Note 3) (f)	Total Revenue Requirement (g)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.84% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility (l)		Pre - Tax WACC 7.83% (Note 3) (m)	Total Revenue Requirement (n)
	(a)	(b)	(c)	(d)	(b) + (d)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(j)+(m)	(n) - (g)
FY 2024															
Mar-2023		111,698,431		-2,932,451	108,765,981				120,500,000		-732,344	119,767,656			
Apr-2023	2,826,747	114,525,178	171,362	-3,103,812	111,421,366	727,024		5,161,626	125,661,626	184,865	-917,209	124,744,417	813,957		
May-2023	2,588,363	117,113,542	175,698	-3,279,511	113,834,031	742,767		4,726,339	130,387,965	192,783	-192,783	130,195,182	849,524		
Jun-2023	3,173,462	120,287,004	179,669	-3,459,180	116,827,823	762,302		5,794,726	136,182,691	200,034	-392,818	135,789,874	886,029		
Jul-2023	2,347,281	122,634,284	184,538	-3,643,718	118,990,566	776,413		4,286,124	140,468,815	208,924	-601,742	139,867,073	912,633		
Aug-2023	3,940,612	126,574,896	188,139	-3,831,857	122,743,039	800,898		7,195,539	147,664,354	215,500	-817,242	146,847,112	958,177		
Sep-2023	3,223,441	129,798,338	194,184	-4,026,042	125,772,296	820,664		5,885,988	153,550,342	226,539	-1,043,780	152,506,561	995,105		
Oct-2023	5,229,239	135,027,577	199,130	-4,225,171	130,802,406	853,486		9,548,566	163,098,907	235,569	-1,279,349	161,819,558	1,055,873		
Nov-2023	2,820,581	137,848,158	207,152	-4,432,323	133,415,835	870,538		5,150,368	168,249,276	250,218	-1,529,567	166,719,709	1,087,846		
Dec-2023	3,538,303	141,386,461	211,479	-4,643,803	136,742,658	892,246		6,460,924	174,710,199	258,119	-1,787,686	172,922,514	1,128,319		
Jan-2024	2,268,207	143,654,668	216,908	-4,860,710	138,793,957	905,631		4,141,734	178,851,934	268,031	-2,055,717	176,796,217	1,153,595		
Feb-2024	2,912,654	146,567,322	220,387	-5,081,097	141,486,224	923,198		5,318,492	184,170,426	274,385	-2,330,102	181,840,324	1,186,508		
Mar-2024	4,014,016	150,581,338	224,856	-5,305,953	145,275,384	947,922		7,329,574	191,500,000	282,544	-2,612,646	188,887,354	1,232,490		
	<u>38,882,906</u>	<u>130,546,443</u>	<u>2,373,503</u>	<u>-4,058,869</u>	<u>126,487,574</u>	<u>10,023,089</u>	<u>12,396,592</u>	<u>71,000,000</u>	<u>154,916,378</u>	<u>2,797,511</u>	<u>-1,218,374</u>	<u>153,698,004</u>	<u>12,260,057</u>	<u>15,057,568</u>	<u>2,660,976</u>

- Revenue requirement assumes capital expenditures are placed in-service in the month spent.
- Depreciation is based on existing composite depreciation rates for Meters/Hse Reg and Mains/Services, based on 12/31/2018 plant balances weighted for capex forecast.
- Utilizes pre-tax WACC by fiscal year with a ROE of 8.8%.
- The FY 2021 incremental/under spend will be rolled forward to the FY 2022, FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- The FY 2022 incremental/under spend will be rolled forward to the FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- The FY 2023 incremental/under spend will be rolled forward to the FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.

The Brooklyn Union Gas Company db/a National Grid NY
Example of Customer Connections Two Way Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 1
Net Plant/Depreciation Tracker Under
Customer Connections Net Plant/Depreciation Tracker Under

- 1) Record Net Utility Plant Regulated Liability
- 2) Record Customer Connections Revenue Requirement Net Plant Savings as a Regulated Liability

1) Assume all other components of net plant forecast results match forecast allowed in rates exactly, except for Customer Connections actual cost is lower than forecast. A regulatory liability is generated from the net plant tracker:

Net Utility Plant/ Depreciation Tracker Mechanism	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Liability		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Average Net Plant	\$5,783,429,617	\$6,302,384,271	\$6,826,407,363	\$5,782,429,617	\$6,300,384,271	\$6,823,407,363	(\$1,000,000)	(\$2,000,000)	(\$3,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$459,723,739	\$493,334,686	\$534,297,087	(\$79,504)	(\$156,607)	(\$234,911)
Depreciation	\$131,260,108	\$142,330,407	\$152,833,038	\$131,241,708	\$142,293,607	\$152,777,838	(\$18,400)	(\$36,800)	(\$55,200)
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$590,965,447	\$635,628,293	\$687,074,925	(\$97,904)	(\$193,407)	(\$290,111)
Total Net Plant/Depreciation Tracker Booked									

2) The Customer's savings from the lower Customer Connections net plant/depreciation will be booked as a regulatory liability, that represents the regulatory liability booked for the net plant tracker:

Customer Connections Average Net Plant	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Liability		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Customer Connections Average Net Plant	\$17,487,532,823	\$53,628,719,604	\$90,015,823,833	\$17,486,532,823	\$53,626,719,604	\$90,012,823,833	(\$1,000,000)	(\$2,000,000)	(\$3,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$1,390,321,112	\$4,199,319,654	\$7,048,589,447	\$1,390,241,609	\$4,199,163,047	\$7,048,324,537	(\$79,504)	(\$156,607)	(\$234,911)
Customer Connections Depreciation	\$298,348,757	\$971,607,396	\$1,665,494,533	\$298,330,357	\$971,570,596	\$1,665,439,333	(\$18,400)	(\$36,800)	(\$55,200)
Customer Connections Net Plant/Depreciation Revenue Requirement	\$1,688,669,869	\$5,170,927,050	\$8,714,083,981	\$1,688,571,965	\$5,170,733,643	\$8,713,763,870	(\$97,904)	(\$193,407)	(\$290,111)
Total Net Plant/Depreciation and Customer Connections Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/Liability									

Check - Should represent 100% of Customer Connections Savings passed back to Customers

100%
(\$97,904) (\$193,407) (\$290,111)
\$0 \$0 \$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of Customer Connections Two Way Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 2
Net Plant/Depreciation Tracker Under
Customer Connections Net Plant/Depreciation Tracker Over

- 1) Record Net Utility Plant Regulated Liability
- 2) Record 100% Customer Connections Revenue Requirement Net Plant Excess as a Regulated Asset

1) Assume all other components of net plant forecast results are under what's allowed in rates, except for Customer Connections actual cost is higher than forecast. A regulatory liability is generated from the net plant tracker:

Net Utility Plant/ Depreciation Tracker Mechanism	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Liability		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Average Net Plant	\$5,783,429,617	\$6,302,384,271	\$6,826,407,363	\$5,779,429,617	\$6,299,384,271	\$6,824,407,363	(\$4,000,000)	(\$3,000,000)	(\$3,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$459,485,228	\$493,256,383	\$534,375,390	(\$318,014)	(\$234,911)	(\$156,607)
Depreciation	\$131,260,108	\$142,340,407	\$152,833,038	\$131,86,508	\$142,275,207	\$152,796,238	(\$73,600)	(\$55,200)	(\$36,800)
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$590,671,736	\$635,531,590	\$687,171,628	(\$391,614)	(\$290,111)	(\$193,407)
Total Net Plant/Depreciation Tracker Booked							(\$391,614)	(\$290,111)	(\$193,407)

2) Customer's coverage from the higher Customer Connections net plant/depreciation will be booked as a regulatory asset:

Customer Connections Average Net Plant	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Asset		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Customer Connections Average Net Plant	\$17,487,532,823	\$53,628,719,604	\$90,015,823,833	\$17,488,532,823	\$53,630,719,604	\$90,018,823,833	\$1,000,000	\$2,000,000	\$3,000,000
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$1,390,321,112	\$4,199,319,654	\$7,048,589,447	\$1,390,400,616	\$4,199,476,261	\$7,048,794,338	\$79,504	\$156,607	\$234,911
Customer Connections Depreciation	\$295,348,757	\$971,607,396	\$1,665,494,533	\$295,367,157	\$971,644,196	\$1,665,549,733	\$18,400	\$36,800	\$55,200
Customer Connections Net Plant/Depreciation Revenue Requirement	\$1,685,669,869	\$5,170,927,050	\$8,714,053,981	\$1,685,767,773	\$5,171,120,457	\$8,714,344,091	\$97,904	\$193,407	\$290,111
Total Net Plant/Depreciation and Customer Connections Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset(Liability)							(\$391,614)	(\$290,111)	(\$193,407)

Check - Should represent 100% of Customer Connections Overage charged to Customers
- 100% of other components underage

100%	\$97,904	\$193,407	\$290,111
	(\$489,518)	(\$483,518)	(\$483,518)
	\$0	\$0	\$0
	\$0	\$0	\$0

The Brooklyn Union Gas Company, d/b/a National Grid NY
Example of Customer Connections Two Way Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 3
Net Plant/Depreciation Tracker Over
Customer Connections Net Plant/Depreciation Tracker Over
1) Do Not Record Net Utility Plant Regulated Asset - One Way Downward Tracker
2) Record 100% Customer Connections Revenue Requirement Net Plant Excess as a Regulated Asset

1) Assume other components of net plant forecast results exceed forecast allowed in rates, including Customer Connections actual cost is higher than forecast. No regulatory asset is generated due to one way downward tracker:

	Forecast Allowed in Rates			Assumed Actual Results			Difference - No Regulatory Asset Allowed		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Net Utility Plant/ Depreciation Tracker Mechanism									
Average Net Plant	\$5,783,439,617	\$6,302,384,271	\$6,826,407,363	\$5,792,929,617	\$6,312,794,271	\$6,837,907,363	\$9,500,000	\$10,800,000	\$11,500,000
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$460,536,526	\$494,313,481	\$535,432,488	\$755,284	\$822,187	\$900,491
Depreciation	\$131,260,108	\$142,330,407	\$152,833,038	\$131,434,908	\$142,523,607	\$153,044,658	\$174,800	\$192,200	\$211,600
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$591,993,434	\$636,837,088	\$688,477,126	\$930,084	\$1,015,387	\$1,112,091
Total Net Plant/Depreciation Tracker Booked	\$0	\$0	\$0				\$0	\$0	\$0

2) Company's portion of the coverage from the higher Customer Connections net plant/depreciation will be booked as a regulatory asset:

	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Asset		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Customer Connections Average Net Plant	\$17,387,532,823	\$53,628,719,604	\$90,015,823,833	\$17,488,532,823	\$53,630,719,604	\$90,018,823,833	\$1,000,000	\$2,000,000	\$3,000,000
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$1,390,321,112	\$4,199,319,654	\$7,048,559,447	\$1,390,400,616	\$4,199,476,261	\$7,048,794,358	\$79,504	\$156,607	\$234,911
Customer Connections Depreciation	\$295,348,757	\$971,607,396	\$1,665,494,533	\$295,367,157	\$971,644,196	\$1,665,549,733	\$18,400	\$36,800	\$55,200
Customer Connections Net Plant/Depreciation Revenue Requirement	\$1,685,669,869	\$5,170,927,050	\$8,714,053,981	\$1,685,767,773	\$5,171,120,457	\$8,714,344,091	\$97,904	\$193,407	\$290,111
Total Net Plant/Depreciation and Customer Connections Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset(Liability)	\$97,904	\$193,407	\$290,111				\$97,904	\$193,407	\$290,111

Check - Should represent 100% of Customer Connections Excess charged to Customers

100%
\$0 \$0 \$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Example of Customer Connections Two Way Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 4
Net Plant/Depreciation Tracker Under
Customer Connections Net Plant/Depreciation Tracker Under
1) Record Net Utility Plant Regulated Liability
2) Record 10% Customer Connections Revenue Requirement Net Plant Savings as a Regulated Asset Offset by difference between Customer Connections Savings and Total Net Plant Savings

1) Assume other components of net plant forecast results are higher than forecast allowed in rates, and Customer Connections actual cost being lower than forecast in excess of total net plant underage. A regulatory liability is generated from the net plant tracker:

Net Utility Plant/ Depreciation Tracker Mechanism	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Liability		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Average Net Plant	\$5,783,429,617	\$6,302,384,271	\$6,826,407,363	\$5,782,429,617	\$6,300,384,271	\$6,823,407,363	(\$1,000,000)	(\$2,000,000)	(\$3,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$459,723,739	\$493,334,686	\$534,297,087	(\$79,504)	(\$156,607)	(\$234,911)
Depreciation	\$131,260,108	\$142,340,407	\$152,833,038	\$131,241,708	\$142,293,607	\$152,777,838	(\$18,400)	(\$46,800)	(\$55,200)
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$590,965,447	\$635,628,293	\$687,074,925	(\$97,904)	(\$193,407)	(\$290,111)
Total Net Plant/Depreciation Tracker Booked							(\$97,904)	(\$193,407)	(\$290,111)

2) Company's portion of the savings from the lower Customer Connections net plant/depreciation will be booked as a regulatory asset, offsetting a portion of the regulatory liability booked for the net plant tracker:

Customer Connections Average Net Plant	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Asset		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$1,390,321,112	\$4,199,319,654	\$7,048,559,447	\$1,390,162,105	\$4,199,084,744	\$7,048,246,233	(\$159,007)	(\$234,911)	(\$313,214)
Customer Connections Depreciation	\$295,348,757	\$971,607,396	\$1,665,494,533	\$295,311,957	\$971,552,196	\$1,665,420,933	(\$36,800)	(\$55,200)	(\$73,600)
Customer Connections Net Plant/Depreciation Revenue Requirement	\$1,685,669,869	\$5,170,927,050	\$8,714,053,981	\$1,685,474,062	\$5,170,636,939	\$8,713,667,166	(\$195,807)	(\$290,111)	(\$386,814)
Customer Connections Regulatory Asset(Liability) - Pay Customer the difference between Customer Connections Savings and total Net Plant Savings							(\$97,904)	(\$96,704)	(\$96,704)
Total Net Plant/Depreciation and Customer Connections Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset(Liability)							(\$195,807)	(\$290,111)	(\$386,814)
Check - Should represent 100% of Customer Connections Underage charged to Customers							\$0	\$0	\$0

The Brooklyn Union Gas Company, d/b/a National Grid NY
Example of Customer Connections Two Way Tracker and Net Utility Plant Reconciliation Mechanism
Assumes a One Way Downward Net Utility Plant/Depreciation Tracker Mechanism

Example 5
Net Plant/Depreciation Tracker Under
Customer Connections Net Plant/Depreciation Tracker Under

- 1) Record Net Utility Plant Regulated Liability
- 2) Record 100% Customer Connections Revenue Requirement Net Plant Excess as a Regulated Liability

1) Assume all other components of net plant forecast results are under what's allowed in rates, and Customer Connections actual cost is lower than forecast. A regulatory liability is generated from the net plant tracker:

Net Utility Plant/ Depreciation Tracker Mechanism	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Liability		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Average Net Plant	\$5,783,429,617	\$6,302,384,271	\$6,826,407,365	\$5,777,429,617	\$6,295,384,271	\$6,818,407,365	(\$6,000,000)	(\$7,000,000)	(\$8,000,000)
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$459,803,243	\$493,491,293	\$534,531,997	\$459,326,221	\$492,943,169	\$533,905,369	(\$47,021)	(\$48,125)	(\$626,428)
Depreciation	\$131,260,108	\$142,340,407	\$152,833,038	\$131,149,708	\$142,201,607	\$152,685,838	(\$110,400)	(\$128,800)	(\$147,200)
Total Net Plant/Depreciation Revenue Requirement	\$591,063,350	\$635,821,700	\$687,365,035	\$590,475,929	\$635,144,775	\$686,591,407	(\$587,421)	(\$676,925)	(\$773,628)
Total Net Plant/Deprec Tracker Booked							(\$587,421)	(\$676,925)	(\$773,628)

2) The Customer's savings from the lower Customer Connections net plant/depreciation will be booked as a regulatory liability, that is a portion of the regulatory liability booked for the net plant tracker:

Customer Connections Average Net Plant	Forecast Allowed in Rates			Assumed Actual Results			Difference - Regulatory Asset		
	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023	FY2021	FY2022	FY2023
Pre-Tax Return %	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%	7.95%	7.83%	7.83%
Return on Ratebase	\$1,390,321,112	\$4,199,319,654	\$7,048,559,447	\$1,390,241,609	\$4,199,163,047	\$7,048,324,537	(\$79,504)	(\$156,607)	(\$234,911)
Customer Connections Depreciation	\$295,348,757	\$971,607,396	\$1,665,494,533	\$295,330,357	\$971,570,596	\$1,665,439,333	(\$18,400)	(\$36,800)	(\$55,200)
Customer Connections Net Plant/Depreciation Revenue Requirement	\$1,685,669,869	\$5,170,927,050	\$8,714,053,981	\$1,685,571,965	\$5,170,733,643	\$8,713,763,870	(\$97,904)	(\$193,407)	(\$290,111)
Total Net Plant/Depreciation and Customer Connections Net Plant/Depreciation Tracker Combined Results in Net Regulatory Asset/(Liability)							(\$587,421)	(\$676,925)	(\$773,628)

Check - Should represent 100% of Customer Connections Underage changed to Customers
- 100% of other components underage

100%	(\$97,904)	(\$193,407)	(\$290,111)
	(\$489,518)	(\$483,518)	(\$483,518)
	(\$587,421)	(\$676,925)	(\$773,628)
	\$0	\$0	\$0

The Brooklyn Union Gas Company d/b/a National Grid NY
Capital Expenditures (CAPEX) and Cost of Removal
Based on CAPEX Budget Classifications
(\$000's)

	FY2021	FY2022	FY2023	FY2024
Customer Connections - Install Main	13,549	13,726	14,014	14,294
Customer Connections - Install Services	21,705	22,823	23,303	23,769
Customer Connections - Customer Contributions	(1,764)	(2,163)	(2,210)	(2,255)
Customer Connections - Meter Purchases	1,292	1,292	1,345	1,372
Customer Connections - Install Meter/Regulator	893	912	931	950
Customer Connections - Automatic Meter Reading (AMR)	590	723	738	753
	<u>36,265</u>	<u>37,313</u>	<u>38,120</u>	<u>38,883</u>
Mains & Svc	33,491	34,387	35,106	35,809
Meters/Hse Reg	<u>2,775</u>	<u>2,926</u>	<u>3,014</u>	<u>3,074</u>
	36,265	37,313	38,120	38,883
Mains & Svc Depreciation Rates	1.75%	92%	92%	92%
Meters/Hse Reg Depreciation Rates	2.87%	8%	8%	8%
	100%	100%	100%	100%
Weighted Composite Depreciation Rate for Customer Connections	1.84%	1.84%	1.84%	1.84%

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Paving Expense
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
1 Actual Expense	\$ 23,000.0	\$ 25,000.0	\$ 24,000.0
2 Rate Allowance	<u>\$ 25,465.3</u>	<u>\$ 23,371.6</u>	<u>\$ 24,039.4</u>
3 Amount Deferred to (from) Customers	<u><u>\$ 2,465.3</u></u>	<u><u>\$ (1,628.4)</u></u>	<u><u>\$ 39.4</u></u>

This is a two-way symmetrical reconciliation

Line Notes

- 1 Input Actual costs
- 2 Forecasted Rate Year and Data Years Paving Expense
- 3 Line 2 less Line 1

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Paving Expense
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
1 Existing Work	25,465.3	23,793.6	24,278.4
2 Incremental Work	-	(422.0)	(239.0)
3 Total	<u>\$ 25,465.3</u>	<u>\$ 23,371.6</u>	<u>\$ 24,039.4</u>

Line Notes

- 1 Exhibit RRP-3, Schedule 40
- 2 Exhibit RRP-3, Schedule 27
- 3 Line 2 less Line 1

The Brooklyn Union Gas Company d/b/a National Grid NY
Newtown Creek RNG Project Annual Revenue Reconciliation - Illustrative Example
For Rate Years FY21, FY22 and FY23
(\$000's)

Line #		Total			
		FY21	FY22	FY23	FY21-FY23
1	Company Forecasted Annual Revenues	\$ -	\$ 1,924	\$ 1,924	\$ 3,848
2	Additional Imputed Revenues	-	4,010	4,007	8,017
3	Total Newtown Creek Revenues Reflected in Rates	\$ -	\$ 5,934	\$ 5,931	\$ 11,865
4	Threshold per Joint Proposal Section 3.2.2	-	1,600	1,600	
5	Difference between Revenues Reflected in Rates and Threshold	-	4,334	4,331	
6	Percent of Revenues Under Subject to Deferral	50%	50%	50%	
7	Maximum Amount Subject to Deferral/Regulatory Asset	\$ -	\$ 2,167	\$ 2,165	
Example 1 - Under Rate Allowance					
8	Newtown Creek Actual Revenues	\$ -	\$ 1,800	\$ 2,200	\$ 4,000
9	Revenues (Over)/Under Revenues in Rates	-	4,134	3,731	7,865
10	Threshold per Joint Proposal Section 3.2.2	-	1,600	1,600	
11	Revenue Under Rates in excess of Threshold x 50%	-	1,267	1,065	
12	Maximum Amount Subject to Deferral/Regulatory Asset	\$ -	\$ 1,267	\$ 1,065	
Example 2 - Under & Over Rate Allowance					
13	Newtown Creek Actual Revenues	\$ -	\$ 1,000	\$ 6,000	\$ 7,000
14	Revenues (Over)/Under Revenues in Rates	-	4,934	(69)	4,865
15	Threshold per Joint Proposal Section 3.2.2	-	1,600	1,600	
16	Revenue Under Rates in excess of Threshold x 50%	-	1,667	-	
17	Maximum Amount Subject to Deferral/Regulatory Asset	\$ -	\$ 1,667	\$ -	
Example 3 - Over Rate Allowance - Refund to Customers					
18	Newtown Creek Actual Revenues	\$ -	\$ 6,100	\$ 6,500	\$ 12,600
19	Revenues (Over)/Under Revenues in Rates	-	(166)	(569)	(735)
20	Threshold per Joint Proposal Section 3.2.2	-	1,600	1,600	
21	Revenue Under Rates in excess of Threshold x 50%	-	-	-	
22	Maximum Amount Subject to Deferral/Regulatory Asset	\$ -	\$ -	\$ -	
23	Amount Subject to Refund through Delivery Rate Adjustment ("DRA")				\$ (735)

Line # Notes

- 1 & 2 Per Section 3.2.1 of Joint Proposal
- 3 Line 1 + Line 2
- 4, 6, 10, 15, 20 Per Section 3.2.2 of Joint Proposal
- 5 Line 3 less Line 4
- 7 Line 5 x Line 6 - Per Section 3.2.2 of Joint Proposal
- 8, 13 & 18 Actual Revenues - Illustrative Example
- 9 Line 3 less Line 8
- 11 If Line 9 is greater than \$0 = ((Line 9 less Line 10) *50%), otherwise \$0
- 12 If Line 11 is greater than \$0 = Line 11, otherwise \$0
- 14 Line 3 less Line 13
- 16 If Line 14 is greater than \$0 = ((Line 14 less Line 15) *50%), otherwise \$0
- 17 If Line 16 is greater than \$0 = Line 16, otherwise \$0
- 19 Line 3 less Line 18
- 21 If Line 19 is greater than \$0 = ((Line 19 less Line 20) *50%), otherwise \$0
- 22 If Line 21 is greater than \$0 = Line 21, otherwise \$0
- 23 If total Line 18 is greater than total Line 3 = total Line 3 less total line 18, otherwise \$0

Assumptions:

Reconciliation begins in RY2 (FY22)

The Brooklyn Union Gas Company d/b/a National Grid NY
Newtown Creek Annual Revenue Reconciliation - Illustrative Example
For Post Rate Plan
(\$000's)

<u>Line #</u>		<u>FY24</u>		
1	Post Rate Year 3 Revenue Cap per Joint Proposal Section 3.2.2	\$ 5,931		
2	Threshold per Joint Proposal Section 3.2.2	1,600		
3	Difference between Revenues Reflected in Rates and Threshold	4,331		
4	Percent of Revenues Under Subject to Deferral	50%		
5	Maximum Amount Subject to Deferral/Regulatory Asset	\$ 2,165		
			FY24	FY24
			Example 1	Example 2
6	Newtown Creek Post Rate Plan Actual Revenues	\$ -	\$ 3,000	\$ 7,000
7	Revenues (Over)/Under Post Rate Plan Annual Revenue Cap	5,931	2,931	(1,069)
8	Threshold per Joint Proposal Section 3.2.2	1,600	1,600	1,600
9	Revenue Under Rates in excess of Threshold x 50%	2,165	665	-
10	Maximum Amount Subject to Deferral/Regulatory Asset	\$ 2,165	\$ 665	\$ -
11	Amount Subject to Refund through Delivery Rate Adjustment ("DRA")	\$ -	\$ -	\$ (1,069)

Line # Notes

- 1, 2, 4, 8 Per Section 3.2.2 of this Joint Proposal
- 3 Line 1 less Line 2
- 5 Line 3 x Line 4 - Per Section 3.2.2 of Joint Proposal
- 6 Actual Revenues - Illustrative Example
- 7 Line 1 less Line 6
- 9 If Line 7 is greater than \$0 = ((Line 7 less Line 8) *50%), otherwise \$0
- 10 If Line 9 is greater than \$0 = Line 10, otherwise \$0
- 11 If Line 6 is greater than Line 1 = Line 7, otherwise \$0

Assumptions:

To the extent Revenues exceed the Rate Allowance the refund to customers will be net of the Compensation paid to New York City, subject to "Construction License and Concession Agreement with the City of New York" per Section 7.1, Monetary Compensation.

The Brooklyn Union Gas Company d/b/a National Grid NY
Deferral of Energy Affordability Program Reconnection Waivers
(\$000's)

	<u>Rate Year Ending March 31, 2021</u>	<u>Data Year Ending March 31, 2022</u>	<u>Data Year Ending March 31, 2023</u>
1 Actual Waived Fees	\$300.0	\$100.0	\$500.0
2 Rate Allowance	<u>\$119.2</u>	<u>\$121.7</u>	<u>\$124.2</u>
3 Amount Deferred to (from) Customers	<u><u>(\$180.8)</u></u>	<u><u>\$21.7</u></u>	<u><u>(\$375.8)</u></u>

Line Notes

- 1 Actual reconnection fees waived for participants in the Energy Affordability Program - illustrative example
- 2 The forecast amount in the Company's Revenue Requirement.
- 3 Line 2 less Line 1

The Brooklyn Union Gas Company d/b/a National Grid NY
Distribution Demand Response - Illustrative Example
(Whole Dollars)

<u>Line #</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>
1 Demand Response Costs	\$ 1,531,100	\$ 1,742,800	\$ 2,103,600
2 Rate Allowance	-	-	-
3 Amount Deferred (to be Recovered Through Surcharge)	<u>\$ 1,531,100</u>	<u>\$ 1,742,800</u>	<u>\$ 2,103,600</u>
Recovery Through Demand Response O&M Component of the DRA Surcharge			
4 Amount Rollforward to next year	1,531,100	1,742,800	2,103,600
5 Carrying Cost on Roll-over	126,798	144,330	174,210
6 Amount included in Present Year As-spent	-	1,657,898	1,887,130
7 Total Recovered During the Year	<u>\$ -</u>	<u>\$ 1,657,898</u>	<u>\$ 1,887,130</u>

Line # Notes

3 Line 1 - Line 2

4 Line 3

5 Carrying cost calculated on compounded monthly balance over 2 years - See Pages 2 through 4

6 FY22 N/A; FY23 & FY24 Prior Year Line 4 + Line 5

7 Line 6

The Brooklyn Union Gas Company d/b/a National Grid NY
Distribution Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2022 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax WACC
Roll-Forward Amount \$ 1,531,100 \$ 127,592 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 127,592	\$ 127,592	0.65%	\$ 833	\$ 833	\$ 128,424
2	128,424	127,592	256,016	0.65%	1,671	2,503	257,686
3	257,686	127,592	385,278	0.65%	2,514	5,017	387,792
4	387,792	127,592	515,384	0.65%	3,363	8,380	518,747
5	518,747	127,592	646,339	0.65%	4,218	12,598	650,556
6	650,556	127,592	778,148	0.65%	5,078	17,675	783,225
7	783,225	127,592	910,817	0.65%	5,943	23,619	916,760
8	916,760	127,592	1,044,352	0.65%	6,815	30,433	1,051,167
9	1,051,167	127,592	1,178,758	0.65%	7,692	38,125	1,186,450
10	1,186,450	127,592	1,314,042	0.65%	8,575	46,700	1,322,616
11	1,322,616	127,592	1,450,208	0.65%	9,463	56,163	1,459,671
12	1,459,671	127,592	1,587,263	0.65%	10,357	66,520	1,597,620
13	1,597,620	(133,135)	1,464,485	0.65%	9,556	76,076	1,474,041
14	1,474,041	(133,135)	1,340,906	0.65%	8,750	84,826	1,349,656
15	1,349,656	(133,135)	1,216,521	0.65%	7,938	92,764	1,224,459
16	1,224,459	(133,135)	1,091,324	0.65%	7,121	99,886	1,098,445
17	1,098,445	(133,135)	965,310	0.65%	6,299	106,184	971,609
18	971,609	(133,135)	838,474	0.65%	5,471	111,656	843,946
19	843,946	(133,135)	710,811	0.65%	4,638	116,294	715,449
20	715,449	(133,135)	582,314	0.65%	3,800	120,094	586,114
21	586,114	(133,135)	452,979	0.65%	2,956	123,050	455,934
22	455,934	(133,135)	322,799	0.65%	2,106	125,156	324,906
23	324,906	(133,135)	191,771	0.65%	1,251	126,407	193,022
24	193,022	(133,135)	59,887	0.65%	391	126,798	60,278

The Brooklyn Union Gas Company d/b/a National Grid NY
Distribution Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2023 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax WACC
Roll-Forward Amount \$ 1,742,800 \$ 145,233 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 145,233	\$ 145,233	0.65%	\$ 948	\$ 948	\$ 146,181
2	146,181	145,233	291,414	0.65%	1,902	2,849	293,316
3	293,316	145,233	438,549	0.65%	2,862	5,711	441,411
4	441,411	145,233	586,644	0.65%	3,828	9,539	590,472
5	590,472	145,233	735,706	0.65%	4,801	14,340	740,506
6	740,506	145,233	885,740	0.65%	5,780	20,119	891,519
7	891,519	145,233	1,036,753	0.65%	6,765	26,884	1,043,518
8	1,043,518	145,233	1,188,751	0.65%	7,757	34,641	1,196,508
9	1,196,508	145,233	1,341,741	0.65%	8,755	43,397	1,350,497
10	1,350,497	145,233	1,495,730	0.65%	9,760	53,157	1,505,490
11	1,505,490	145,233	1,650,723	0.65%	10,771	63,928	1,661,495
12	1,661,495	145,233	1,806,728	0.65%	11,789	75,718	1,818,518
13	1,818,518	(151,543)	1,666,975	0.65%	10,878	86,595	1,677,852
14	1,677,852	(151,543)	1,526,309	0.65%	9,960	96,555	1,536,269
15	1,536,269	(151,543)	1,384,725	0.65%	9,036	105,591	1,393,761
16	1,393,761	(151,543)	1,242,218	0.65%	8,106	113,696	1,250,324
17	1,250,324	(151,543)	1,098,781	0.65%	7,170	120,866	1,105,951
18	1,105,951	(151,543)	954,407	0.65%	6,228	127,094	960,635
19	960,635	(151,543)	809,092	0.65%	5,280	132,374	814,372
20	814,372	(151,543)	662,828	0.65%	4,325	136,699	667,154
21	667,154	(151,543)	515,611	0.65%	3,365	140,063	518,975
22	518,975	(151,543)	367,432	0.65%	2,398	142,461	369,829
23	369,829	(151,543)	218,286	0.65%	1,424	143,885	219,711
24	219,711	(151,543)	68,168	0.65%	445	144,330	68,612

The Brooklyn Union Gas Company d/b/a National Grid NY
Distribution Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2024 Example

Pre-tax WACC 7.8304% 0.6525% Monthly pre-tax WACC
Roll-Forward Amount \$ 2,103,600 \$ 175,300 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 175,300	\$ 175,300	0.65%	\$ 1,144	\$ 1,144	\$ 176,444
2	176,444	175,300	351,744	0.65%	2,295	3,439	354,039
3	354,039	175,300	529,339	0.65%	3,454	6,893	532,793
4	532,793	175,300	708,093	0.65%	4,621	11,514	712,714
5	712,714	175,300	888,014	0.65%	5,795	17,308	893,808
6	893,808	175,300	1,069,108	0.65%	6,976	24,285	1,076,085
7	1,076,085	175,300	1,251,385	0.65%	8,166	32,450	1,259,550
8	1,259,550	175,300	1,434,850	0.65%	9,363	41,813	1,444,213
9	1,444,213	175,300	1,619,513	0.65%	10,568	52,381	1,630,081
10	1,630,081	175,300	1,805,381	0.65%	11,781	64,161	1,817,161
11	1,817,161	175,300	1,992,461	0.65%	13,001	77,163	2,005,463
12	2,005,463	175,300	2,180,763	0.65%	14,230	91,393	2,194,993
13	2,194,993	(182,916)	2,012,077	0.65%	13,129	104,522	2,025,206
14	2,025,206	(182,916)	1,842,290	0.65%	12,021	116,544	1,854,312
15	1,854,312	(182,916)	1,671,396	0.65%	10,906	127,450	1,682,302
16	1,682,302	(182,916)	1,499,386	0.65%	9,784	137,234	1,509,170
17	1,509,170	(182,916)	1,326,254	0.65%	8,654	145,888	1,334,908
18	1,334,908	(182,916)	1,151,992	0.65%	7,517	153,405	1,159,509
19	1,159,509	(182,916)	976,593	0.65%	6,373	159,778	982,965
20	982,965	(182,916)	800,049	0.65%	5,221	164,999	805,270
21	805,270	(182,916)	622,354	0.65%	4,061	169,060	626,415
22	626,415	(182,916)	443,499	0.65%	2,894	171,954	446,393
23	446,393	(182,916)	263,477	0.65%	1,719	173,673	265,196
24	265,196	(182,916)	82,280	0.65%	537	174,210	82,817

Appendix 7

Keyspan Gas East Corporation d/b/a National Grid
Gas Rate Base Regulatory Assets & Liabilities
For the Rate Year Ending March 31, 2021
(\$000's)

Activity	Description	Avg Bal HYE 12/31/2018	Actual Balance at 12/31/2018	Forecast Balance at 3/31/2020	Mechanism Ongoing/ Discontinued/	Carrying Charges
Regulatory Assets & Liabilities with Proposed Surcharge with No Interest EXCLUDED from Rate Base						
U1823253	Pension Exp Deferred	\$ 50,587	\$ 50,882	\$ 48,606	On-Going	None
U1823254	OPEB Exp Deferred	(3,924)	(11,129)	(28,870)	On-Going	None
U1823016	Def Pension/FAS 106	(56,124)	(56,124)	(56,124)	Discontinued	None
Total of Accounts w/ Recovery but NOT in Rate Base		\$ (9,461)	\$ (16,371)	\$ (36,388)		
Regulatory Assets & Liabilities with Proposed Surcharge with Interest EXCLUDED in Rate Base						
U1823059	MTA Gross Income	\$ 1,370	\$ 1,621	\$ 1,621	On-Going	Yes - Pre Tax WACOC
U1823067	Int on Def Reg Asset	35,206	36,220	46,645	On-Going	N/A
U1823068	Def Prop Tax Post 07	106,253	109,209	109,445	On-Going	Yes - Pre Tax WACOC
U1823069	Rate Mitigation	32,209	32,209	32,209	Discontinued	Yes - Pre Tax WACOC
U1823284	TC IT Sharing	49,420	49,420	49,420	Discontinued	Yes - Pre Tax WACOC
U1823310	TBA Amortization	16,000	16,000	16,000	Discontinued	Yes - Pre Tax WACOC
U1823331	GSRS Surcharge/Refund	1,098	764	764	On-Going	Yes - Pre Tax WACOC
U1823334	NY Fac Syst Surch cr	529	3,381	3,381	On-Going	Yes - Pre Tax WACOC
U1823702	Exogenous Event Defe	256	6,155	11,267	Discontinued	Yes - Pre Tax WACOC
U1823733	Leak Prone Pipe Def	(3,906)	-	-	Discontinued	Yes - Pre Tax WACOC
U1823734	Network Expansion	(2,053)	-	-	Discontinued	Yes - Pre Tax WACOC
U1823744	SIR Def 16-G-0058/00	100,752	93,670	75,960	Discontinued	Yes - Pre Tax WACOC
U1823753	TC IT Interest Def	1,629	2,850	5,815	Discontinued	N/A
U1823767	SIRDeferral-CarryChg	8,442	10,547	12,889	On-Going	N/A
U1823791	NYF Interest	2	31	31	On-Going	N/A
U2540065	Cost to Achieve	(7,702)	(7,702)	(7,702)	Discontinued	Yes - Pre Tax WACOC
U2540076	TAC Imbalance Refund	(145)	(86)	(86)	On-Going	Yes - Other Customer Capital Rate
U2540105	Excess Earnings	(6,813)	(6,813)	(6,813)	Discontinued	Yes - Pre Tax WACOC
U2540160	EE Surcharge-Gas	(5,244)	(5,345)	(5,345)	On-Going	Yes - Other Customer Capital Rate
U2540197	Rate Subj to Refund	(11,413)	(11,413)	(11,413)	Discontinued	Yes - Pre Tax WACOC
U2540205	Int on Deferred Item	(32,613)	(37,105)	(55,546)	On-Going	N/A
U2540214	Gas East Balancing	(1,691)	(1,691)	(1,691)	Discontinued	Yes - Pre Tax WACOC
U2540217	EnviroRecoveries	(2)	-	-	On-Going	Yes - Pre Tax WACOC
U2540217	Env Recoveries	(402)	(559)	(41,059)	On-Going	Yes - Pre Tax WACOC
U2540225	Prop Tax Exp-ServCo	(45,600)	(72,908)	(60,304)	Discontinued	Yes - Pre Tax WACOC
U2540232	Capital Tracker	(26,204)	(26,204)	(26,204)	Discontinued	Yes - Pre Tax WACOC
U2540553	Gas Millennium Fund	(898)	(719)	(719)	On-Going	Yes - Pre Tax WACOC
U2540605	Misc Penalties	(13,891)	(13,891)	(13,891)	On-Going	Yes - Pre Tax WACOC
U2540710	Property Tax Exp Def	(5,061)	(5,061)	(5,061)	Discontinued	Yes - Pre Tax WACOC
U2540733	Leak Prone Pipe Def	(170)	(4,076)	(4,076)	Discontinued	Yes - Pre Tax WACOC
U2540734	Network Expansion	(89)	(2,143)	(2,143)	Discontinued	Yes - Pre Tax WACOC
U2540751	CapTracker Def-58/59	(406)	(1,232)	2,699	On-Going	Yes - Pre Tax WACOC
U2540754	SIR Exp Def Post 16	(5,771)	(5,283)	3,228	On-Going	Yes - Pre Tax WACOC
Total of Accounts w/ Recovery but NOT in Rate Base		\$ 183,092	\$ 159,844	\$ 129,320		

Keyspan Gas East Corporation d/b/a National Grid
Gas Rate Base Regulatory Assets & Liabilities
For the Rate Year Ending March 31, 2021
(\$000's)

Activity	Description	Avg Bal HYE 12/31/2018	Actual Balance at 12/31/2018	Forecast Balance at 3/31/2020	Mechanism Ongoing/ Discontinued/ Proposed	
Other Regulatory Assets & Liabilities Included in Rate Base						
U1823078	Rate Case Expense	\$ 553	\$ 369	\$ (0)	Discontinued	None
U2540708	Rate Case Exp (G)	-	-	963	On-Going	None
Subtotal Other Reg. Assets in Rate Base		\$ 553	\$ 369	\$ 963		
Other Regulatory Assets & Liabilities Excluded from Rate Base						
U1823043	Asset Ret Obligation	\$ 10,926	\$ 11,530	\$ 11,530	On-Going	None
U1823049	Deferred Gas Costs	9,694	-	-	On-Going	None
U1823064	MGP Ins Cost Recovry	67,941	64,387	64,387	On-Going	Yes - Pre Tax WACOC
U18230640	Environmental Reserve - Offset	(68,481)	(64,936)	(64,936)	On-Going	None
U1823070	Gas Futures-Supply	5,062	8,651	8,651	On-Going	None
U1823075	Temp St Assmnt 18-A	1,811	1,781	1,781	Discontinued	Yes - Pre Tax WACOC
U1823158	FAS158-Pension	37,158	31,338	31,338	On-Going	None
U1823159	FAS158-OPEB	(21,646)	(22,260)	(22,260)	On-Going	None
U1823193	Interest GAC Sur	18	40	40	On-Going	N/A
U1823194	MFC-Merch Func Chrg	6	-	-	On-Going	None
U1823277	Energy Eff Prog	243	-	-	On-Going	Yes - Other Customer Capital Rate
U1823281	OffSys Sales-Profit	2,693	1,184	1,184	On-Going	Yes - Pre Tax WACOC
U1823290	Def TC Penalty Chg	119	-	-	On-Going	None
U1823300	GAC Imbalance	6,365	8,328	8,328	On-Going	Yes - Other Customer Capital Rate
U1823333	Interest Enrgy Affrd	3	21	21	On-Going	N/A
U1823729	MFC - Imbalance	457	327	327	On-Going	Yes - Other Customer Capital Rate
U1823731	Sys Perf Adj (SPA)	465	3,107	3,107	On-Going	None
U1823735	Interest MFC lmb Sur	14	20	20	On-Going	N/A
U1823736	CEF Def-Gas	25	-	-	On-Going	Yes - Other Customer Capital Rate
U1823738	Elec Generat Rev Def	738	-	-	On-Going	Yes - Pre Tax WACOC
U1823746	Levelization Rate De	27,972	28,756	(7,319)	Discontinued	Yes - Pre Tax WACOC
U1823748	TC IT Rev Def 16-G-0	14	-	-	On-Going	Yes - Pre Tax WACOC
U1823750	RDM Interest	16	-	-	On-Going	N/A
U1823768	Positive Rev Incent	871	1,100	1,100	On-Going	Yes - Pre Tax WACOC
U1823778	Energy Affordability	361	949	949	On-Going	Yes - Pre Tax WACOC
U1823779	Brooklyn Navy Yard	843	-	-	On-Going	None
U1823780	Clean EnergyFund Gas	31	49	49	On-Going	N/A
U2540002	Energy Efficiency	(1,749)	(3,262)	(3,262)	On-Going	Yes - Other Customer Capital Rate
U2540008	Interest Deferd GAC	2	-	-	On-Going	N/A
U2540009	Int Pipeline Refund	(0)	(0)	(0)	On-Going	N/A
U2540010	Int Deferred TAC	(3)	-	-	On-Going	N/A
U2540012	Revenue Decoupling	(31,879)	(19,671)	(19,671)	On-Going	Yes - Pre Tax WACOC
U2540049	Deferred Gas Costs	(3,497)	(5,265)	(5,265)	On-Going	None
U2540051	Pipeline Refunds	(32)	(8)	(8)	On-Going	Yes - Other Customer Capital Rate
U2540052	Marketer Pen Ref	(339)	(717)	(717)	On-Going	None
U2540107	Exc ResvTax Gas	(15,631)	(30,438)	(30,438)	Discontinued	Yes - Pre Tax WACOC
U2540194	Merchant Func Chrg	(88)	(150)	(150)	On-Going	None
U2540196	RDM Unbilled	(29,550)	(45,884)	(45,884)	On-Going	None
U2540204	Deferred Rate Case T	(6,274)	(9,885)	(11,572)	Discontinued	Yes - Pre Tax WACOC
U2540216	OPEBLiabPost05/28/98	(29)	(29)	(29)	Discontinued	None
U2540231	Del Rate Adj	(82,870)	(82,870)	(82,870)	Discontinued	Yes - Pre Tax WACOC
U2540236	Pens/OPEB Res Liab	(62,657)	(64,693)	(64,693)	On-Going	N/A
U2540274	Low Income Program	(7,946)	(7,325)	(7,325)	Discontinued	Yes - Pre Tax WACOC
U2540280	Int SBC Costs Def	(728)	(808)	(808)	On-Going	N/A
U2540281	OffSys Sales-Profit	(312)	-	-	On-Going	None
U2540289	Int Low Inc Subsidy	(2,586)	(2,783)	(3,268)	On-Going	N/A
U2540290	Def TC Penalty Chg	(11)	(73)	(73)	On-Going	None
U2540327	Low Income Prg 0058/	(665)	(663)	(663)	On-Going	Yes - Pre Tax WACOC
U2540332	Interest TCITRevenue	(10)	(11)	(11)	On-Going	N/A
U2540569	Gas Futures-Gas Sply	(913)	(2,122)	(2,122)	On-Going	None
U2540617	Def Nvy Yrd Gas Rev	(105)	(132)	(132)	On-Going	None
U2540736	CEF Def-Gas	(1,246)	(1,884)	(1,884)	On-Going	Yes - Other Customer Capital Rate
U2540738	Elec Generat Rev Def	(5,609)	(9,304)	(9,304)	On-Going	Yes - Pre Tax WACOC
U2540740	Conversion Reb Def	(257)	(352)	(352)	On-Going	Yes - Pre Tax WACOC
U2540745	New Hire True up Def	(178)	(178)	(178)	Discontinued	Yes - Pre Tax WACOC
U2540748	TC IT Rev Def 16-G-0	(1,972)	(2,129)	(2,129)	On-Going	Yes - Pre Tax WACOC
U2540749	Econ Dev 16-G-0058/0	(2,832)	(3,975)	(5,170)	On-Going	Yes - Pre Tax WACOC
U2540750	RDM Interest	(92)	(181)	(181)	On-Going	N/A
U2540752	EES Interest	(99)	(114)	(114)	On-Going	N/A
U2540778	Energy Affordability	(86)	-	-	On-Going	Yes - Pre Tax WACOC
U2540783	15-G-0298 Water Mill	(248)	(1,980)	(1,980)	Discontinued	None
Total of Accounts w/ Recovery but NOT in Rate Base		\$ (176,772)	\$ (222,513)	\$ (261,955)		
Other Assets & Liabilities Included in Rate Base						
C1810000	Unamortized Debt Exp	\$ 4,960	\$ 4,756	\$ 4,249	On-Going	None
C1866122	Cost Sharing Agreement	2,802	3,138	3,337	On-Going	None
C1866130	DD-Constr Advance	4	-	-	Discontinued	None
Subtotal Other Reg. Liabilities in Rate Base		\$ 7,766	\$ 7,894	\$ 7,586		
Net Reg Assets & Liabilities Included in Rate Base						
		\$ 8,319	\$ 8,263	\$ 8,549		

Keyspan Gas East Corporation d/b/a National Grid
Example of Carrying Charges on Deferrals
(\$000's)

<u>Month</u>	(a) <u>Beginning Balance</u>	(b) <u>Spending in Excess of Threshold</u>	(c) <u>Interest Rate</u> 7.93%	(d) <u>Interest</u>	(e) <u>Ending Balance</u>
Apr-20	-	(479,166.67)	0.66%	(1,145.69)	(479,166.67)
May-20	(479,166.67)	(479,166.67)	0.66%	(3,437.06)	(958,333.34)
Jun-20	(958,333.34)	(479,166.67)	0.66%	(5,728.44)	(1,437,500.01)
Jul-20	(1,437,500.01)	(479,166.67)	0.66%	(8,019.82)	(1,916,666.68)
Aug-20	(1,916,666.68)	(479,166.67)	0.66%	(10,311.20)	(2,395,833.35)
Sep-20	(2,395,833.35)	(479,166.67)	0.66%	(12,602.57)	(2,875,000.02)
Oct-20	(2,875,000.02)	1,520,833.33	0.66%	(10,111.95)	(1,354,166.69)
Nov-20	(1,354,166.69)	1,520,833.33	0.66%	(2,839.31)	166,666.64
Dec-20	166,666.64	1,520,833.33	0.66%	4,433.32	1,687,499.97
Jan-21	1,687,499.97	520,833.33	0.66%	9,314.95	2,208,333.30
Feb-21	2,208,333.30	520,833.33	0.66%	11,805.58	2,729,166.63
Mar-21	2,729,166.63	520,833.37	0.66%	14,296.20 (14,346.01)	3,250,000.00

Column Notes:

- Column (a) Prior month Column (e)
- Column (b) Actual monthly deferred spending
- Column (c) Pre-Tax WACC of 7.93% divided by 12
- Column (d) Column (c) times (Column (a) + Column (b) / 2) * 72.36%
- Column (e) Column (a) + Column (b) - NOTE interest will be booked it a separate deferral account with interest

Note: This example calculation is for a deferral that carrying charges can be calculated monthly. Some carrying charges will be applied on an annual basis and would use the annual carrying charge rate.

Keyspan Gas East Corporation d/b/a National Grid
Gas Rate Base Regulatory Assets & Liabilities
For the Rate Year Ending March 31, 2021
Proposed Deferrals

Description

Customer Connection two way tracker

Reference

Appendix 6, Schedule 14

Keyspan Gas East Corporation d/b/a National Grid
Deferral of Pension and OPEB Expense
Illustrative Example
(\$000's)

PENSION EXAMPLE

	<u>Rate Year Ending March 31, 2021</u>	<u>Data Year Ending March 31, 2022</u>	<u>Data Year Ending March 31, 2023</u>
1 Actual Expense	\$ 6,000	\$ 4,000	\$ 1,000
2 Rate Allowance	<u>\$ 5,451</u>	<u>\$ 4,657</u>	<u>\$ (679)</u>
3 Amount Deferred to (from) customers	<u><u>\$ (549)</u></u>	<u><u>\$ 657</u></u>	<u><u>\$ (1,679)</u></u>

Notes (by line number)

- 1 Input Actual costs
- 2 Forecasted Rate Year expense. See Page 2 of 2, Line 3. See Joint Proposal Section 8.1.1.
- 3 Line 2 less Line 1

OPEB EXAMPLE

	<u>Rate Year Ending March 31, 2021</u>	<u>Data Year Ending March 31, 2022</u>	<u>Data Year Ending March 31, 2023</u>
4 Actual Expense	\$ (7,000)	\$ (5,000)	\$ (6,500)
5 Rate Allowance	<u>\$ (5,063)</u>	<u>\$ (5,659)</u>	<u>\$ (6,022)</u>
6 Amount Deferred to (from) customers	<u><u>\$ 1,937</u></u>	<u><u>\$ (659)</u></u>	<u><u>\$ 478</u></u>

Notes (by line number)

- 4 Input Actual costs
- 5 Forecasted Rate Year expense. See Page 2 of 2, Line 6. See Joint Proposal Section 8.1.1.
- 6 Line 5 less Line 4

Keyspan Gas East Corporation d/b/a National Grid
Pension & OPEB Expense
Final Settlement
For the Rate Years Ending March 31, 2021, March 31, 2022, and March 31, 2023
(\$000's)

		Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
Pension				
1	Forecasted Actuarial Expense	5,301.9	4,253.8	(1,113.9)
2	Incremental Staff	149.3	403.1	434.9
3	Total	5,451.2	4,656.9	(679.0)
		Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
OPEB				
4	Forecasted Actuarial Expense	(4,924.1)	(5,284.7)	(5,618.3)
5	Incremental Staff	(138.6)	(374.3)	(403.9)
6	Total	(5,062.8)	(5,659.1)	(6,022.3)

Notes (by line number)

- 1 Exhibit ____ (RRP-3), Schedule 16
- 2 Exhibit ____ (RRP-3), Schedule 27
- 3 Line 1 + Line 2
- 4 Exhibit ____ (RRP-3), Schedule 11
- 5 Exhibit ____ (RRP-3), Schedule 27
- 6 Line 4 + Line 5

Keyspan Gas East Corporation d/b/a National Grid
Deferral of Low Income Discount Program
Illustrative Example
(\$000's)

EXAMPLE

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 6,000	\$ 7,000	\$ 8,000
2 Rate Allowance	<u>\$ 6,750</u>	<u>\$ 6,750</u>	<u>\$ 6,750</u>
3 Amount Deferred to (from) customers	<u>\$ 750</u>	<u>\$ (250)</u>	<u>\$ (1,250)</u>

Notes (by line number)

- 1 Actual expense - Discounts plus NYC file matching costs
- 2 Forecasted Rate Year expense. See Joint Proposal Section IV. 11.2.1
- 3 Line 2 less Line 1

KeySpan Gas East Corporation d/b/a National Grid
Deferral of Site Investigation and Remediation (SIR) Expense
Illustrative Example
(\$000's)

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 6,617	\$ 3,776	\$ 2,562
2 Rate Allowance	<u>\$ 4,897</u>	<u>\$ 4,897</u>	<u>\$ 4,897</u>
3 Amount Deferred to (from) customers	<u>\$ (1,720)</u>	<u>\$ 1,121</u>	<u>\$ 2,335</u>

Notes (by line number)

- 1 Actual Costs - Provided by Environmental Group
- 2 Forecasted Rate Year expense. See Joint Proposal Section 6.1.4
- 3 Line 2 less Line 1

Keyspan Gas East Corporation d/b/a National Grid
Deferral of Property Tax Expense
(\$000's)

<u>EXAMPLE</u>	FY21	FY22	FY23
	Rate Year One	Rate Year Two	Rate Year Three
1 Actual Expense	\$ 188,000.0	\$ 175,000.0	\$ 190,000.0
2 Rate Allowance	\$ 180,633.9	\$ 188,636.4	\$ 198,553.9
3 Under (over) spending	\$ (7,366.1)	\$ 13,636.4	\$ 8,553.9
4 Customer share of under (over) spending	90%	90%	90%
5 Amount Deferred to (from) Customers	\$ (6,629.5)	\$ 12,272.8	\$ 7,698.5
6 Company share of under (over) spending	10%	10%	10%
7 Company share of under (over), before cap	\$ (736.6)	\$ 1,363.6	\$ 855.4
8 Basis Point Cap	7.5	5.0	2.5
9 Value of One Basis Point	\$ 215.1	\$ 231.1	\$ 252.4
10 Cap on Company Share under Spend	1,613.4	1,155.3	631.0
11 Cap on Company Share (over) Spend	(1,613.4)	(1,155.3)	(631.0)
12 Company Share under (over) Capped	(736.6)	1,155.3	631.0
13 Additional Amount Deferred to (from) Customers	-	208.3	224.3
14 Total Amount Deferred to (from) Customers	\$ (6,629.5)	\$ 12,481.1	\$ 7,922.9

Notes (by line number)

1. Example of Actual Expense
2. Forecasted Rate Year Expense. See Joint Proposal Section 8.1.5
3. Line 2 less Line 1
4. Deferral for under (over) spending will be based on 90% customer basis.
5. Line 3 * Line 4
6. Deferral for under (over) spending will be based on 10% company basis.
7. Line 3 * Line 6
8. Company's 10% share above or below the level in rates is capped at an annual amount equal to 7.5 basis points in RY1, 5 basis points in RY2, and 2.5 basis points in RY3
9. Based on Rate Allowance set in Joint Proposal in Case 19-G-0309
10. Line 8 * Line 9
11. Negated Line 10
12. If Line 7 is negative, greater of Line 7 or Line 11; If Line 7 is positive, lesser of Line 7 or Line 10.
13. Line 7 - Line 12
14. Line 5 + Line 13

Keyspan Gas East Corporation d/b/a National Grid
Deferral of Economic Development Grant Program
Illustrative Example
(\$000's)

EXAMPLE 1

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 3,000	\$ 3,100	\$ 2,500
2 Rate Allowance	<u>\$ 2,750</u>	<u>\$ 2,750</u>	<u>\$ 2,750</u>
3 Difference	<u>\$ (250)</u>	<u>\$ (350)</u>	<u>\$ 250</u>
4 3 Year Cumulative Actuals	\$ 8,600		
5 3 Year Cumulative Rate Allowance	\$ 8,250		
6 Difference - underspend / (overspend)	\$ (350)		
7 Deferral Amount	\$ -		

EXAMPLE 2

	<u>Rate Year One</u>	<u>Rate Year Two</u>	<u>Rate Year Three</u>
1 Actual Expense	\$ 1,500	\$ 2,000	\$ 3,000
2 Rate Allowance	<u>\$ 2,750</u>	<u>\$ 2,750</u>	<u>\$ 2,750</u>
3 Difference	<u>\$ 1,250</u>	<u>\$ 750</u>	<u>\$ (250)</u>
4 3 Year Cumulative Actuals	\$ 6,500		
5 3 Year Cumulative Rate Allowance	\$ 8,250		
6 Difference - underspend / (overspend)	\$ 1,750		
7 Deferral Amount	\$ 1,750		

Notes (by line number)

- 1 Actual expense
- 2 Forecasted Rate Year expense. See Joint Proposal Section 7.7
- 3 Line 2 less Line 1
- 4 Sum Line 1 for Rate Years 1-3
- 5 Sum Line 2 for Rate Years 1-3
- 6 Line 5 less Line 4
- 7 If cumulative actual costs for Rate Years 1-3 are less than cumulative rate allowances for same period, then Deferral Credit to Customer will be equal to the cumulative amount underspent. If actual costs exceed cumulative rate allowance for Rate Years 1-3, there will be no Deferral.

Keyspan Gas East Corporation d/b/a National Grid NY
Gas Net Utility Plant and Depreciation Expense Reconciliation
Gas Revenue Requirement Target
For the Rate Years Ending March 31, 2021, March 31, 2022, and March 31, 2023
(\$000's)

	Rate Year Ending March 31, 2021					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 4,875,560	\$ 21,978	\$ (915,531)	\$ 3,982,007	\$ 100,248
Pre-Tax WACC					7.93%	
Total Revenue Requirement Target	<u>\$ 416,035</u>				<u>\$ 315,787</u>	<u>\$ 100,248</u>
Estimated Actual Results		\$ 4,900,000	\$ 22,000	\$ (916,000)	\$ 4,006,000	\$ 101,000
Pre-Tax WACC					7.93%	
Total Revenue Requirement Actuals	<u>\$ 418,690</u>				<u>\$ 317,690</u>	<u>\$ 101,000</u>
Actuals higher/(lower) than Target	<u>\$ 2,655</u>					
	Rate Year Ending March 31, 2022					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 5,166,594	\$ 34,341	\$ (962,531)	\$ 4,238,405	\$ 102,558
Pre-Tax WACC					7.85%	
Total Revenue Requirement Target	<u>\$ 435,288</u>				<u>\$ 332,730</u>	<u>\$ 102,558</u>
Estimated Actual Results		\$ 5,100,000	\$ 34,000	\$ (960,000)	\$ 4,174,000	\$ 102,000
Pre-Tax WACC					7.85%	
Total Revenue Requirement Actuals	<u>\$ 429,674</u>				<u>\$ 327,674</u>	<u>\$ 102,000</u>
Actuals higher/(lower) than Target	<u>\$ (5,614)</u>					
	Rate Year Ending March 31, 2023					
	Total Gas Revenue Requirement Target	Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Gas Depreciation Expense (e)
Forecast included in Revenue Requirement Settlement		\$ 5,570,129	\$ 34,731	\$ (1,012,269)	\$ 4,592,591	\$ 116,734
Pre-Tax WACC					7.82%	
Total Revenue Requirement Target	<u>\$ 475,891</u>				<u>\$ 359,157</u>	<u>\$ 116,734</u>
Estimated Actual Results		\$ 5,600,000	\$ 35,000	\$ (1,013,000)	\$ 4,622,000	\$ 117,000
Pre-Tax WACC					7.82%	
Total Revenue Requirement Actuals	<u>\$ 478,457</u>				<u>\$ 361,457</u>	<u>\$ 117,000</u>
Actuals higher/(lower) than Target	<u>\$ 2,566</u>					
3 Year Cumulative Revenue Requirement Actuals	\$ 1,326,821					
3 Year Cumulative Revenue Requirement Target	\$ 1,327,215					
3 Year Cumulative Actuals higher/(lower) than Target	<u>\$ (394)</u>					

Note: Downward only reconciliation - no amounts due from customer if actuals are higher than target
In years that the incremental LPP replacement surcharge is applicable, the net plant and depreciation components of the LPP surcharge included in the Gas Safety and Reliability Surcharge will be added to the overall Net Utility Plant and Depreciation Expense Mechanism target to avoid any double recovery of the cost associated with incremental LPP miles.
The Net Utility Plant and Depreciation Expense Mechanism will also work in conjunction with the City State Construction and the Customer Connections Tracker Mechanisms.

Keyspan Gas East Corporation d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2021
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-20 (1/2 month)	\$ 2,364,959	\$ 10,665	\$ (445,144)	\$ 1,930,480	
2	Apr-20	\$ 4,757,672	\$ 20,040	\$ (894,584)	\$ 3,883,128	\$ 8,265
3	May-20	\$ 4,776,461	\$ 20,458	\$ (899,584)	\$ 3,897,335	\$ 8,301
4	Jun-20	\$ 4,799,611	\$ 20,092	\$ (903,786)	\$ 3,915,917	\$ 8,329
5	Jul-20	\$ 4,841,306	\$ 16,741	\$ (906,870)	\$ 3,951,177	\$ 8,359
6	Aug-20	\$ 4,857,984	\$ 20,035	\$ (910,883)	\$ 3,967,136	\$ 8,412
7	Sep-20	\$ 4,876,252	\$ 21,220	\$ (915,684)	\$ 3,981,788	\$ 8,436
8	Oct-20	\$ 4,894,678	\$ 24,006	\$ (919,722)	\$ 3,998,962	\$ 8,462
9	Nov-20	\$ 4,912,447	\$ 26,489	\$ (924,044)	\$ 4,014,891	\$ 8,488
10	Dec-20	\$ 4,945,810	\$ 25,157	\$ (927,405)	\$ 4,043,562	\$ 8,355
11	Jan-21	\$ 4,967,943	\$ 24,066	\$ (932,539)	\$ 4,059,470	\$ 8,246
12	Feb-21	\$ 4,998,331	\$ 22,594	\$ (936,497)	\$ 4,084,428	\$ 8,277
13	Mar-21 (1/2 month)	\$ 2,513,269	\$ 12,174	\$ (469,634)	\$ 2,055,809	\$ 8,318
14	Total Gas (Sum of Lines 1 to 13)	58,506,723	263,737	(10,986,376)	47,784,083	100,248
15	Average Monthly Balance (Line 14 / 12)	\$ 4,875,560	\$ 21,978	\$ (915,531)	\$ 3,982,007	

Keyspan Gas East Corporation d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2022
(\$000's)

Balance at Month End		Total Gas Plant in Service (a)	Non-Interest Bearing CWIP (b)	Reserve for Depreciation (c)	Gas Net Utility Plant in Service (d)	Depreciation (e)
1	Mar-21 (1/2 month)	\$ 2,513,269	\$ 12,174	\$ (469,634)	\$ 2,055,809	
2	Apr-21	\$ 5,048,665	\$ 25,085	\$ (943,742)	\$ 4,130,008	\$ 8,358
3	May-21	\$ 5,064,944	\$ 27,169	\$ (948,599)	\$ 4,143,515	\$ 8,390
4	Jun-21	\$ 5,083,568	\$ 28,965	\$ (952,838)	\$ 4,159,696	\$ 8,416
5	Jul-21	\$ 5,115,641	\$ 28,474	\$ (956,432)	\$ 4,187,684	\$ 8,442
6	Aug-21	\$ 5,137,882	\$ 32,859	\$ (959,255)	\$ 4,211,485	\$ 8,486
7	Sep-21	\$ 5,159,925	\$ 34,861	\$ (963,303)	\$ 4,231,483	\$ 8,525
8	Oct-21	\$ 5,181,746	\$ 38,861	\$ (966,399)	\$ 4,254,209	\$ 8,557
9	Nov-21	\$ 5,204,212	\$ 42,231	\$ (969,773)	\$ 4,276,671	\$ 8,588
10	Dec-21	\$ 5,244,172	\$ 41,081	\$ (971,974)	\$ 4,313,280	\$ 8,620
11	Jan-22	\$ 5,269,234	\$ 40,401	\$ (976,931)	\$ 4,332,704	\$ 8,686
12	Feb-22	\$ 5,304,039	\$ 39,358	\$ (980,521)	\$ 4,362,877	\$ 8,721
13	Mar-22 (1/2 month)	\$ 2,671,829	\$ 20,572	\$ (490,964)	\$ 2,201,436	\$ 8,768
14	Total Gas (Sum of Lines 1 to 13)	61,999,129	412,092	(11,550,366)	50,860,855	102,558
15	Average Monthly Balance (Line 14 / 12)	\$ 5,166,594	\$ 34,341	\$ (962,531)	\$ 4,238,405	

Keyspan Gas East Corporation d/b/a National Grid NY
Monthly Balances of Gas Net Utility Plant and Depreciation Expense
Rate Year Ending March 31, 2023
(\$000's)

Balance at Month End		Total Gas Plant	Non-Interest	Reserve for	Gas	Depreciation
		in Service	Bearing CWIP	Depreciation	Net Utility	
		(a)	(b)	(c)	(d)	(e)
1	Mar-22 (1/2 month)	\$ 2,671,829	\$ 20,572	\$ (490,964)	\$ 2,201,436	
2	Apr-22	\$ 5,369,135	\$ 40,877	\$ (987,411)	\$ 4,422,600	\$ 9,456
3	May-22	\$ 5,386,947	\$ 42,066	\$ (992,929)	\$ 4,436,084	\$ 9,491
4	Jun-22	\$ 5,407,358	\$ 42,760	\$ (997,891)	\$ 4,452,227	\$ 9,518
5	Jul-22	\$ 5,442,511	\$ 41,127	\$ (1,002,527)	\$ 4,481,111	\$ 9,545
6	Aug-22	\$ 5,462,834	\$ 44,868	\$ (1,006,993)	\$ 4,500,709	\$ 9,591
7	Sep-22	\$ 5,628,628	\$ 25,208	\$ (1,012,232)	\$ 4,641,604	\$ 9,620
8	Oct-22	\$ 5,652,813	\$ 28,098	\$ (1,016,893)	\$ 4,664,017	\$ 9,822
9	Nov-22	\$ 5,676,055	\$ 30,657	\$ (1,021,901)	\$ 4,684,811	\$ 9,856
10	Dec-22	\$ 5,713,748	\$ 29,882	\$ (1,026,400)	\$ 4,717,230	\$ 9,889
11	Jan-23	\$ 5,740,553	\$ 29,072	\$ (1,032,727)	\$ 4,736,898	\$ 9,940
12	Feb-23	\$ 5,777,852	\$ 27,519	\$ (1,037,666)	\$ 4,767,705	\$ 9,977
13	Mar-23 (1/2 month)	\$ 2,911,279	\$ 14,066	\$ (520,690)	\$ 2,404,655	\$ 10,028
14	Total Gas (Sum of Lines 1 to 13)	66,841,542	416,772	(12,147,225)	55,111,089	116,734
15	Average Monthly Balance (Line 14 / 12)	\$ 5,570,129	\$ 34,731	\$ (1,012,269)	\$ 4,592,591	

Keyspan Gas East Corporation d/b/a National Grid
Deferral of Variable Pay Expense
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
1 Actual Expense	\$ 5,000.0	\$ 5,600.0	\$ 4,500.0
2 Rate Allowance	<u>\$ 5,192.6</u>	<u>\$ 5,441.0</u>	<u>\$ 5,602.2</u>
3 Amount Deferred to Customers	<u>\$ 192.6</u>	<u>\$ -</u>	<u>\$ 1,102.2</u>

If the actual expense is greater than the rate allowance, there is no additional recovery from customers.
This is a downward only reconciliation.

Line Notes

- Input Actual costs - Under the Company's management variable pay program (Annual Performance Plan) the evaluation period is on a fiscal year basis ending March.
- 1 Variable pay expense is accrued monthly, with the final accrual in March reconciling the annual variable pay total to the expected pay out in June.
 - 2 Forecasted Rate Year and Data Years Variable Pay Expense
 - 3 Line 2 less Line 1 (if Line 2 is greater than Line 1)

Keyspan Gas East Corporation d/b/a National Grid
Deferral of Variable Pay Expense
(\$000's)

	Rate Year Ending March 31, 2021	Data Year Ending March 31, 2022	Data Year Ending March 31, 2023
1 Per Headcount on December 31, 2018	5,151.9	5,258.3	5,403.7
2 Incremental Staff	64.3	206.8	227.9
3 Vacancy Adjustment	(23.5)	(24.1)	(24.8)
4 Other Adjustments			(4.6)
5 Total	<u>\$ 5,192.6</u>	<u>\$ 5,441.0</u>	<u>\$ 5,602.2</u>

Line Notes

- 1 Exhibit RRP-3, Schedule 23
- 2 Exhibit RRP-3, Schedule 27
- 3 Adjustment to reflect vacancy rate
- 4 Resulting from no executive management wage increase RY3
- 5 Sum of Lines 1-4

Keyspan Gas East Corporation d/b/a National Grid
Gas Safety and Reliability Surcharge
Example of All Components of Gas Safety and Reliability Surcharge (GSRS)
(000)

	Page Reference	Rate Year FY 2021	Data Year FY 2022	Data Year FY 2023	Data Year FY 2024
Recovery of Incremental LPP Proactive Replacement Costs	Page 2-4	\$121	\$279	\$314	\$268
Recovery of Incremental Leak Repair Costs	Page 6	\$498	\$288	\$104	\$100
Positive Revenue Adjustment - Leak Repair Incentive	Page 6	\$0	\$462	\$505	\$0
Total Gas and Safety Surcharge		<u>\$619</u>	<u>\$1,029</u>	<u>\$922</u>	<u>\$368</u>

Please note, Gas Safety Metrics are measured on an annual CY basis, but are being reflected in FY on the summary of all GSRS components as follows:
CY2020/FY2021; CY2021/FY2022; CY2022/FY2023; CY2023/FY2024

Keyspan Gas East Corporation db/a National Grid
Gas Safety and Reliability Surcharge (GSRs)
Example of Recovery of Incremental Leak Prone Pipe (LPP) Proactive Replacement Costs
(000)

[-----RATE ALLOWANCE-----]			[-----EXAMPLE ASSUMPTIONS FOR ILLUSTRATIVE PURPOSES-----]		
Rate Year	Cumulative Proactive Repl. Threshold (Miles)	Rate Allowance Capital Average Unit Cost	Example for Illustrative Purposes Annual Incremental Miles Subject to GSRs (Miles)	Example for Illustrative Purposes D&R Average Unit Cost	Example for Illustrative Purposes D&R Average Unit Cost
FY 2021	109	\$325	1	\$310	\$1,550
FY 2022	220	\$337	2	\$345	\$1,585
FY 2023	331	\$347	2	\$350	\$1,615
FY 2024	445	\$356	4	\$360	\$1,630

[-----RATE ALLOWANCE-----]														
Rate Allowance - 109 Miles Proactive Replacement at \$325 Average Unit Cost														
Capital Expend.														
Closes	To Plant In-Service (Note 1)	Plant Balance (b)	Pre-Tax WACC 7.93% (Note 3) (f)	Net Utility Plant (e)	Accumulated Depreciation Reserve Balance (d)	Total Revenue Requirement (c)+(f)+(g)	Capital Expend. To Plant In-Service (Note 1)	Plant Balance (i)	Depreciation Expense 1.42% (Note 2) (k)	Accumulated Depreciation Reserve Balance (l)	Net Utility Plant (m)	Pre-Tax WACC 7.93% (Note 3) (n)	Total Revenue Requirement (p)	Amount Subject to Surcharge (Note 4) (k)+(n)+(o)
FY 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-2020	11,640	11,640	0	11,640	0	0	102	102	0	0	102	1	102	1
Apr-2020	12,679	24,319	14	24,305	14	213	111	213	0	0	213	1	213	1
May-2020	12,585	36,904	29	36,862	244	244	110	323	0	0	322	2	322	2
Jun-2020	12,207	49,111	44	49,025	324	324	107	430	0	0	429	3	429	3
Jul-2020	22,220	71,331	58	71,187	470	470	194	624	0	0	623	4	623	4
Aug-2020	15,246	86,577	84	86,348	571	571	133	757	1	1	755	5	755	5
Sep-2020	21,349	107,926	102	107,595	711	711	187	944	1	1	941	6	941	6
Oct-2020	19,761	127,687	128	127,228	841	841	173	1,117	1	1	1,113	7	1,113	7
Nov-2020	14,800	142,487	151	141,877	938	938	129	1,246	1	1	1,241	8	1,241	8
Dec-2020	8,973	151,460	169	150,682	996	996	78	1,325	1	1	1,318	9	1,318	9
Jan-2021	12,487	163,947	179	162,989	1,077	1,077	209	1,434	2	2	1,426	9	1,426	9
Feb-2021	23,186	187,133	194	185,981	615	615	203	1,637	2	2	1,627	5	1,627	5
Mar-2021	\$187,133		\$1,152	\$85,561	\$7,023	\$5,390	\$1,637	\$10	\$10	\$10	\$75	\$61	\$121	\$121
Miles	109		109		0.6%	575,520	5,280							
Feet	575,520		575,520		3,475									
D&R's (forecast assumes .6% per foot)	\$325		\$325		\$1,551									
Unit Cost per Foot	\$332		\$332		\$1,582									
2% Cap on Unit Cost														

[-----RATE ALLOWANCE-----]	
Example - 1 Incremental Miles at \$310 Avg Unit Cost & D&R's at \$1,550 Avg Unit Cost	
Incremental D&R's	32
D&R's per foot	0.6%
Actual D&R unit cost	\$1,550 ok, under cap
2% Cap on Unit Cost	\$1,582

KeySpan Gas East Corporation db/a National Grid
Gas Safety and Reliability Surcharge (GSRs)
Example of Recovery of Incremental Leak Prone Pipe (LPP) Proactive Replacement Costs
(000)

[-----RATE ALLOWANCE-----] Example-1 Incremental Miles at \$347 Average Unit Cost														
[-----RATE ALLOWANCE-----] Example-1 Incremental Miles at \$347 Average Unit Cost														
Rate Allowance - 111 Miles Proactive Replacement at \$347 Average Unit Cost														
Capital Expend.	Closes			To Plant In-Service (Note 1)	Plant Balance (b)	Plant Balance (a)	Depreciation Expense 1.42% (Note 2)	Accumulated Reserve Balance (d)	Net Utility Plant (e)	WACC 7.85% (Note 3)	Pre-Tax Revenue Requirement (h)	Total Revenue Requirement (i)	Opex (g)	Total Revenue Requirement (j)
	To Plant In-Service (Note 1)	Plant Balance (b)	Plant Balance (a)											
FY-2022														
Mar-2021	187,133	185,981	608											
Apr-2021	12,285	199,418	1,296	113	1,750	1,637	-1,152	185,981	1,296	1,296	1,296	1,296	5	
May-2021	13,381	212,799	236	123	1,750	1,750	-1,373	198,044	1,296	1,296	1,296	1,296	11	
Jun-2021	13,282	226,081	252	122	1,995	1,873	-1,609	211,190	1,382	1,382	1,382	1,382	12	
Jul-2021	12,883	238,964	268	118	2,113	2,113	-1,861	224,220	1,467	1,467	1,467	1,467	13	
Aug-2021	23,450	262,415	283	215	2,329	2,329	-2,129	236,836	1,549	1,549	1,549	1,549	14	
Sep-2021	16,090	278,505	311	215	2,476	2,476	-2,411	260,003	1,701	1,701	1,701	1,701	15	
Oct-2021	22,531	301,036	330	148	2,683	2,683	-2,722	275,783	1,804	1,804	1,804	1,804	16	
Nov-2021	20,856	321,892	356	330	2,875	2,875	-3,051	297,984	1,949	1,949	1,949	1,949	17	
Dec-2021	15,619	337,511	381	192	3,019	3,019	-3,408	318,484	2,083	2,083	2,083	2,083	18	
Jan-2022	9,470	346,981	399	144	3,106	3,106	-3,789	333,723	2,183	2,183	2,183	2,183	19	
Feb-2022	13,178	360,160	411	87	3,106	3,106	-4,188	342,793	2,242	2,242	2,242	2,242	20	
Mar-2022	24,470	384,630	426	121	3,452	3,452	-5,025	355,561	2,326	2,326	2,326	2,326	21	
	\$197,497		\$3,873	\$1,815				\$2,818	\$2,832	\$5,598	\$31,302	\$34	\$51	\$279
Miles	111		111											
Feet	586,080		586,080											
D&R's (forecast assumes .6% per foot)	\$337		\$337							0.6%	\$32			0.6%
Unit Cost per Foot	\$347		\$347								\$1,585 ok, under cap			\$1,614
2% Cap on Unit Cost	\$344		\$344								\$344 2% Cap on Unit Cost			\$1,614

[-----RATE ALLOWANCE-----] Example-0 Incremental Miles at \$350 Avg Unit Cost & D&R's at \$1,615 Avg Unit Cost														
[-----RATE ALLOWANCE-----] Example-0 Incremental Miles at \$350 Avg Unit Cost & D&R's at \$1,615 Avg Unit Cost														
Rate Allowance - 111 Miles Proactive Replacement at \$347 Average Unit Cost														
Capital Expend.	Closes			To Plant In-Service (Note 1)	Plant Balance (b)	Plant Balance (a)	Depreciation Expense 1.42% (Note 2)	Accumulated Reserve Balance (d)	Net Utility Plant (e)	WACC 7.82% (Note 3)	Pre-Tax Revenue Requirement (h)	Total Revenue Requirement (i)	Opex (g)	Total Revenue Requirement (j)
	To Plant In-Service (Note 1)	Plant Balance (b)	Plant Balance (a)											
FY-2023														
Mar-2022	384,630	379,605	1,237											
Apr-2022	12,635	397,265	455	0	3,452	3,452	-5,025	391,785	1,237	1,237	1,237	1,237	11	
May-2022	13,763	411,028	470	0	3,452	3,452	-5,480	405,078	2,640	2,640	2,640	2,640	22	
Jun-2022	13,661	424,689	486	0	3,452	3,452	-5,950	418,253	2,726	2,726	2,726	2,726	22	
Jul-2022	13,251	437,940	503	0	3,452	3,452	-6,436	431,001	2,809	2,809	2,809	2,809	22	
Aug-2022	24,119	462,059	518	0	3,452	3,452	-6,939	445,602	2,962	2,962	2,962	2,962	22	
Sep-2022	16,549	478,608	547	0	3,452	3,452	-7,457	454,602	3,067	3,067	3,067	3,067	22	
Oct-2022	23,174	501,782	566	0	3,452	3,452	-8,004	470,604	3,214	3,214	3,214	3,214	22	
Nov-2022	21,451	523,233	594	0	3,452	3,452	-8,570	493,212	3,350	3,350	3,350	3,350	22	
Dec-2022	16,065	539,298	619	0	3,452	3,452	-9,164	514,069	3,451	3,451	3,451	3,451	22	
Jan-2023	9,740	549,038	638	0	3,452	3,452	-9,783	529,514	3,510	3,510	3,510	3,510	22	
Feb-2023	13,554	562,592	650	0	3,452	3,452	-10,421	538,617	3,510	3,510	3,510	3,510	22	
Mar-2023	25,168	587,760	666	0	3,452	3,452	-11,071	551,521	3,594	3,594	3,594	3,594	22	
	\$203,130		\$6,712	\$0				\$473,006	\$36,989	\$5,711	\$49,413	\$49	\$0	\$314
Miles	111		111											
Feet	586,080		586,080											
D&R's (forecast assumes .6% per foot)	\$347		\$347							0.6%	\$0			0.6%
Unit Cost per Foot	\$347		\$347								\$1,615 N/A, no incremental miles			\$1,615 N/A, no incremental miles
2% Cap on Unit Cost	\$354		\$354								\$354 2% Cap on Unit Cost			\$1,646

Keystone Gas East Corporation db/a National Grid
Gas Safety and Reliability Surcharge (GSRs)
Example of Recovery of Incremental Leak Prone Pipe (LPP) Proactive Replacement Costs
(000)

[-----] RATE ALLOWANCE-----] EXAMPLE FOR ILLUSTRATIVE PURPOSES-----] [-----] Example 2: Incremental Miles at \$360 Avg Unit Cost & D&R's at \$1,630 Avg Unit Cost												
	Rate Allowance - 114 Miles: Proactive Replacement at \$356 Average Unit Cost					Capital Expend.					Maximum Amount Subject to Surcharge (Note 4)	
	To Plant In-Service (Note 1)	Plant Balance (b)	Depreciation Expense 1.42% Reserve (Note 2) Balance (d)	Net Utility Plant (e)	Pre-Tax WACC (Note 3) (f)	Total Revenue Requirement (h)	To Plant In-Service (Note 1)	Plant Balance (i)	Depreciation Expense 1.42% Reserve (Note 2) Balance (l)	Net Utility Plant (m)		Pre-Tax WACC (Note 3) (n)
	(a)	(b)	(c)	(e)	(f)	(g)	(i)	(k)	(m)	(n)	(o)	(p)
FY 2024	0	0	0	0	0	0	0	0	0	0	0	0
Mar-2023	13,317	13,317	0	13,317	87	603	236	0	236	2	2	2
Apr-2023	14,506	27,822	16	-16	27,806	181	494	0	494	3	3	3
May-2023	14,398	42,220	33	-49	42,171	275	750	1	749	5	5	5
Jun-2023	13,965	56,186	50	-99	56,087	365	998	1	996	6	6	6
Jul-2023	25,420	81,606	66	-165	81,441	531	1,449	1	1,446	9	9	9
Aug-2023	17,442	99,048	97	-262	98,786	644	2,193	2	1,759	11	11	11
Sep-2023	24,424	123,472	117	-379	123,093	802	310	2	1,759	14	14	14
Oct-2023	22,608	146,080	146	-525	145,554	949	401	3	2,594	17	17	17
Nov-2023	16,932	163,011	173	-698	162,313	1,058	301	3	2,885	19	19	19
Dec-2023	10,266	173,277	193	-891	172,386	1,123	182	3	3,077	20	20	20
Jan-2024	14,285	187,562	205	-1,096	186,466	1,215	254	4	3,311	22	22	22
Feb-2024	26,526	214,088	222	-1,318	212,770	1,215	471	4	3,802	12	12	12
Mar-2024	\$214,088		\$1,318	101,317	\$7,923	\$5,982	\$3,802	\$23	1,799	\$141	\$104	\$266
Miles	114					114	2				64	
Feet	601,920					601,920	10,560				0.6%	
D&R's (forecast assumes .6% per foot)	\$356					\$3,634	\$360 ok, under cap				Actual D&R unit cost	\$1,630 ok, under cap
Unit Cost per Foot	\$363					\$1,679	\$363 2% Cap on Unit Cost				2% Cap on Unit Cost	\$1,679
2% Cap on Unit Cost												

Notes and Assumptions:

- 1) For this calc., LPP Proactive Replacement capital expenditures include an allocation of Plastic Fusion QA/QC Re-Digs, Plastic Fusion - In Process Inspections, Low Pressure Main Valve Installation and Contractor Safety Inspections. The combined capital expenditures are \$187,133M in FY 2021, \$197,497M in FY 2022, \$203,130M in FY 2023 and \$214,088M in FY24 per page 9.
- 2) Revenue requirement assumes capital expenditures are placed in-service in the month spent.
- 3) Depreciation is based on the existing composite depreciation rate for mains and services based on 12/31/2018 plant balances.
- 4) Utilizes pre-tax WACC by fiscal year with a ROE of 8.8%.
- 5) The amount subject to surcharge is limited to the Company's average costs of main replacement and for D&R's allowed in rate allowance, subject to a 2% cap.
- 6) The FY 2021 incremental mileage spend will be rolled forward to the FY 2022 - FY 2024 surcharges, calculating a return on the net plant investment and associated depreciation expense.
- 7) The FY 2022 incremental mileage spend will be rolled forward to the FY 2023 - FY 2024 surcharges, calculating a return on the net plant investment and associated depreciation expense.
- 8) The FY 2023 incremental mileage spend will be rolled forward to the FY 2024 surcharges, calculating a return on the net plant investment and associated depreciation expense.

Keyspan Gas East Corporation d/b/a National Grid
Gas Safety and Reliability Surcharge
D&R Cost of Incremental LPP Proactive Mileage in Rate Allowance

	FY21	FY22	FY23	FY24
LPP Proactive Miles	109	111	111	114
LPP Proactive Feet	575,520	586,080	586,080	601,920
Ratio of D&R to LPP Proactive Feet	0.6%	0.6%	0.6%	0.6%
Total D&R's	3,475	3,539	3,539	3,634
Unit Cost	\$1,551	\$1,582	\$1,614	\$1,646
Total Cost of LPP Proactive D&R's	\$5,389,573	\$5,598,163	\$5,711,400	\$5,982,060

Keyspan Gas East Corporation d/b/a National Grid
Gas Safety and Reliability Surcharge
Recovery of Incremental Leak Repair Costs and Leak Repair Incentive Positive Revenue Adjustment (PRA)

Line # Example of Incremental Leak Repairs Above Rate Plan

	HTY	FY21	FY22	FY23	FY24
1 Total Leak Backlog Target		6,700	5,750	5,000	4,150
2 Less: Leak Reduction Adjustment		-	-	100	100
3 Adjusted Leak Backlog Target		6,700	5,750	4,900	4,050
4 Leak Backlog - Example		6,435	5,600	4,847	4,000
5 Leaks Incremental to Backlog Target		265	150	53	50

Recovery of Incremental Leak Repair Costs:

6 Incremental Leaks Subject to Recovery		265	150	53	50
7 Average Per Unit Repair Cost Rate Allowance	\$1,807	\$1,879	\$1,918	\$1,957	\$1,995
8 Total Incremental Cost Subject to Recovery		\$497,859	\$287,705	\$103,726	\$99,761

Leak Repair Incentive PRA:

9 Prior Year's Incremental Leak Carryover				50	3
10 Current Year Incremental Leak Repairs	N/A (Assumption 4)		150	53	50
11 Total Incremental Leak Repairs			150	103	53
12 Earned Basis Points			2	2	0
13 Estimate of Basis Point	\$ 215,117	\$ 231,068	\$ 252,418	\$ 252,418	
14 Estimate of Basis Point PRA	N/A (Assumption 4)	\$462,136	\$504,836		\$0

Total Leak Reduction Adjustment Criteria:

High Emitting Type 3 Leaks Repaired
0 - 99
100 -199
200 -299
ad

Total Leak Reduction Adj. Factors	
0	0
100	100
200	200
300	300

Line # Explanations

- 1 CY20 and CY21 per targets set in Joint Proposal in Case 19-G-0310. CY 22 and CY23, Line 3 from prior year less 750 leaks.
- 2 Prior year incremental leaks included in Leak Repair Incentive based on Leak Reduction Adjustment table
- 3 Line 1 minus Line 2
- 4 Example of Actual Leak Backlog at end of associated CY
- 5 Line 3 minus Line 4
- 6 Line 5
- 7 Incremental average per unit repair cost in historic test year inflated to rate year included in rate allowance
- 8 Line 6 times Line 7
- 9 Current CY Line 2 minus prior year Line 11
- 10 Line 5
- 11 Line 9 plus Line 10
- 12 Basis Point (BP) Limited to Two BP for each 100 Leaks Repaired (Maximum of 300 leaks or 6 BP per year)
- 13 Based on Rate Allowance set in Joint Proposal in Case 19-G-0310.
- 14 Line 12 times Line 13

Assumptions for Leak Repair Cost Recovery:

- 1) The Leak Repair incentive is dependent on meeting the annual backlog reduction targets.
- 2) The Average Per Unit Repair Cost Rate Allowance is used in calculating the recovery, regardless of the actual average unit repair cost.
- 3) The Average Per Unit Repair Cost Rate Allowance is limited to incremental cost only (i.e. excludes base labor and transportation)

Assumptions for Leak Repair Incentive:

- 1) The Leak Repair incentive is dependent on meeting the annual backlog reduction targets.
- 2) The Company can accrue a positive revenue adjustment of two basis points for each 100 Incremental Leaks Subject to Recovery up to a maximum of 300 additional leak repairs or 6 Basis Points per year.
- 3) The incremental leaks above the 100 increments will be carried over to the next CY performance.
- 4) No positive revenue adjustment should be earned for CY 2020 performance.

Please note, Gas Safety Metrics are measured on an annual CY basis, but are being reflected in FY on the summary of all GSRS components as follows: CY2020/FY2021; CY2021/FY2022; CY2022/FY2023; CY2023/FY2024

Keystone Gas East Corporation d/b/a National Grid
Gas Safety and Reliability Surcharge
Proactive Leak Prone Pipe (LPP) Average Unit Cost

Allocator Basis	Capex Forecast Per GIOP-1 (100% of Capex Forecast) - rounded to .00			
	FY21	FY22	FY23	FY24
Mandated - KEDLI Main Replacements - (Proactive) - Leak Prone Pipe	\$ 186,530	\$ 194,786	\$ 199,652	\$ 211,200
Mandated - KEDLI Plastic Fusion QA/QC Re-Digs	\$ 731	\$ 964	\$ 983	\$ 1,034
Mandated - KEDLI Plastic Fusion - In Process Inspections	\$ -	\$ 623	\$ 635	\$ 648
Mandated - KEDLI Low Pressure Main Valve Installation	\$ 38	\$ 801	\$ 1,302	\$ 553
Mandated - KEDLI Contractor Safety Inspections	\$ -	\$ 962	\$ 1,450	\$ 1,475

Allocator Basis	Capex Forecast Per GIOP-1 (100% of Capex Forecast)			
	FY21	FY22	FY23	FY24
Mandated - KEDLI Main Replacements - (Proactive) - Leak Prone Pipe	\$ 186,530,397	\$ 194,785,854	\$ 199,652,380	\$ 211,199,842
Mandated - KEDLI Plastic Fusion QA/QC Re-Digs	\$ 730,575	\$ 963,775	\$ 983,080	\$ 1,033,723
Mandated - KEDLI Plastic Fusion - In Process Inspections	\$ -	\$ 622,679	\$ 635,132	\$ 647,834
Mandated - KEDLI Low Pressure Main Valve Installation	\$ 37,500	\$ 801,000	\$ 1,302,000	\$ 553,000
Mandated - KEDLI Contractor Safety Inspection:	\$ -	\$ 961,616	\$ 1,450,277	\$ 1,475,245

Allocator Basis	Capital Forecast Allocated to Proactive LPP Program for GSRS Unit Cost			
	FY21	FY22	FY23	FY24
Mandated - KEDLI Main Replacements - (Proactive) - Leak Prone Pipe	\$ 186,530,397	\$ 194,785,854	\$ 199,652,380	\$ 211,199,842
Mandated - KEDLI Plastic Fusion QA/QC Re-Digs	\$ 569,569	\$ 757,644	\$ 757,045	\$ 792,024
Mandated - KEDLI Plastic Fusion - In Process Inspections	\$ -	\$ 489,502	\$ 489,114	\$ 496,316
Mandated - KEDLI Low Pressure Main Valve Installation	\$ 33,075	\$ 707,937	\$ 1,115,072	\$ 469,554
Mandated - KEDLI Contractor Safety Inspection:	\$ -	\$ 755,947	\$ 1,116,855	\$ 1,130,311
	\$ 187,133,041	\$ 197,496,884	\$ 203,130,466	\$ 214,088,092

Allocator Basis	Proactive Feet of LPP Program			
	FY21	FY22	FY23	FY24
Mandated - KEDLI Main Replacements - (Proactive) - Leak Prone Pipe	576,048	586,080	586,080	601,920
Mandated - KEDLI Plastic Fusion QA/QC Re-Digs	576,048	586,080	586,080	601,920
Mandated - KEDLI Plastic Fusion - In Process Inspections	576,048	586,080	586,080	601,920
Mandated - KEDLI Low Pressure Main Valve Installation	576,048	586,080	586,080	601,920
Mandated - KEDLI Contractor Safety Inspection:	576,048	586,080	586,080	601,920
	576,048	586,080	586,080	601,920

Allocator Basis	Proactive LPP Program Unit Cost per Foot			
	FY21	FY22	FY23	FY24
Mandated - KEDLI Main Replacements - (Proactive) - Leak Prone Pipe	\$ 324	\$ 332	\$ 341	\$ 351
Mandated - KEDLI Plastic Fusion QA/QC Re-Digs	\$ 1	\$ 1	\$ 1	\$ 1
Mandated - KEDLI Plastic Fusion - In Process Inspections	\$ -	\$ 1	\$ 1	\$ 1
Mandated - KEDLI Low Pressure Main Valve Installation	\$ 0	\$ 1	\$ 2	\$ 1
Mandated - KEDLI Contractor Safety Inspection:	\$ -	\$ 1	\$ 2	\$ 2
	Weighted Unit Per Foot	\$ 325	\$ 337	\$ 356

Keyspan Gas East Corporation d/b/a National Grid
Gas Safety and Reliability Surcharge
D&R Unit Cost for Total Mains and Proactive LPP Mains

Proactive LPP Mains

KEDLI	FY21	FY22	FY23	FY24
Estimated Main Footage	576,048	586,080	586,080	601,920
D&R Ratio	0.6%	0.6%	0.6%	0.6%
Total D&R Units	3,478	3,539	3,539	3,634
Unit Cost	\$ 1,551	\$ 1,582	\$ 1,614	\$ 1,646
Total Cost of all D&R's	\$ 5,394,518	\$ 5,598,163	\$ 5,711,400	\$ 5,982,060

D&R Ratio based on 2 yr. avg for Proactive LPP Mains	FY17	FY18	FY17/FY18
Footage	479,357	570,686	525,022
D&R	2,859	3,481	3,170
			0.6%

KeySpan Gas East Corporation
The Brooklyn Union Gas Company
d/b/a National Grid
Case 19-G-0309/0310
Leak Repair Costs - Operating Expense
Calendar 2018 Actual Costs

	Total Unit Cost		Incremental Unit Cost	
	KEDNY	KEDLI	KEDNY	KEDLI
Base Labor	\$5,313,611	\$2,872,379		
Overtime	\$2,913,725	\$2,306,951	\$2,913,725	\$2,306,951
Contractors	\$682,087	\$357,158	\$682,087	\$357,158
Paving	\$10,964,019	\$2,465,494	\$10,964,019	\$2,465,494
Transportation	\$1,841,920	\$1,605,366		
Employee Expenses	\$635	\$695	\$635	\$695
Materials	\$98,540	\$72,437	\$98,540	\$72,437
Other Expenses	\$287,390	(\$487,748)	\$287,390	(\$487,748)
Total Dollars	\$22,101,926	\$9,192,732	\$14,946,395	\$4,714,987
O&M Leak Repair Units	4,809	2,609	4,809	2,609
Cost Per Unit	\$4,596	\$3,523	\$3,108	\$1,807
HTY to RY1	4,777.8	3,662.9	3,231.0	1,878.7
RY2	4,877.8	3,739.6	3,298.6	1,918.0
RY3	4,977.2	3,815.7	3,365.8	1,957.1

Keyspan Gas East Corporation d/b/a National Grid NY
City/State Construction Deferral
Example of City/State Revenue Requirement Compared to Rate Allowance
(000)

	Rate Allowance						Example of Spend Over Rate Allowance						Amount Subject to Deferral (o)	
	Capital Expend.		Depreciation Expense 1.42% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Pre - Tax WACC 7.93% (Note 3) (f)	Total Revenue Require- ment (g)	Capital Expend.		Depreciation Expense 1.42% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Pre - Tax WACC 7.93% (Note 3) (m)	Total Revenue Require- ment (n)		
	To Plant In-Service (Note 1) (a)	Plant Balance (b)					To Plant In-Service (Note 1) (h)	Plant Balance (i)						
	(b) + (d)						(i) + (k)							(n) - (g)
FY 2021														
Mar-2020		0	0	0	0		0	0	0	0				
Apr-2020	456	456	0	0	456	3	622	622	0	0	622	4		
May-2020	497	953	1	-1	952	6	678	1,300	1	-1	1,299	9		
Jun-2020	493	1,446	1	-2	1,444	10	673	1,972	2	-2	1,970	13		
Jul-2020	478	1,924	2	-3	1,921	13	652	2,624	2	-5	2,620	17		
Aug-2020	871	2,795	2	-6	2,789	18	1,187	3,812	3	-8	3,804	25		
Sep-2020	597	3,392	3	-9	3,383	22	815	4,626	5	-12	4,614	30		
Oct-2020	836	4,228	4	-13	4,215	28	1,141	5,767	5	-18	5,750	38		
Nov-2020	774	5,003	5	-18	4,985	33	1,056	6,823	7	-25	6,799	45		
Dec-2020	580	5,582	6	-24	5,559	37	791	7,614	8	-33	7,582	50		
Jan-2021	352	5,934	7	-31	5,904	39	480	8,094	9	-42	8,052	53		
Feb-2021	489	6,423	7	-38	6,386	42	667	8,761	10	-51	8,710	58		
Mar-2021	908	7,332	8	-45	7,287	48	1,239	10,000	10	-62	9,938	66		
	7,332	3,484	45	-14	3,470	299	10,000	4,751	62	-19	4,732	408	470	125

	Rate Allowance						Example of Spend Under Rate Allowance						Amount Subject to Deferral (o)	
	Capital Expend.		Depreciation Expense 1.42% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Pre - Tax WACC 7.85% (Note 3) (f)	Total Revenue Require- ment (g)	Capital Expend.		Depreciation Expense 1.42% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Pre - Tax WACC 7.85% (Note 3) (m)	Total Revenue Require- ment (n)		
	To Plant In-Service (Note 1) (a)	Plant Balance (b)					To Plant In-Service (Note 1) (h)	Plant Balance (i)						
	(b) + (d)						(i) + (k)							(n) - (g)
FY 2022														
Mar-2021		7,332		-45	7,287			10,000		-62	9,938			
Apr-2021	622	7,953	9	-54	7,900	52	560	10,560	12	-73	10,486	69		
May-2021	677	8,631	9	-63	8,567	56	610	11,170	12	-12	11,157	73		
Jun-2021	672	9,303	10	-73	9,229	60	605	11,775	13	-26	11,749	77		
Jul-2021	652	9,955	11	-84	9,870	65	587	12,362	14	-40	12,322	81		
Aug-2021	1,187	11,142	12	-96	11,045	72	1,069	13,431	15	-54	13,376	88		
Sep-2021	814	11,956	13	-109	11,846	77	733	14,164	16	-70	14,094	92		
Oct-2021	1,140	13,096	14	-124	12,973	85	1,027	15,191	17	-87	15,104	99		
Nov-2021	1,055	14,152	15	-139	14,013	92	950	16,141	18	-105	16,036	105		
Dec-2021	790	14,942	17	-156	14,786	97	712	16,853	19	-124	16,729	109		
Jan-2022	479	15,421	18	-173	15,248	100	432	17,284	20	-144	17,140	112		
Feb-2022	667	16,088	18	-192	15,897	104	601	17,885	20	-164	17,720	116		
Mar-2022	1,238	17,327	19	-211	17,116	112	1,115	19,000	21	-186	18,814	123		
	9,995	12,081	166	-116	11,965	971	9,000	14,276	197	-85	14,191	1,143	1,340	203

Keyspan Gas East Corporation d/b/a National Grid NY
City/State Construction Deferral
Example of City/State Revenue Requirement Compared to Rate Allowance
(000)

FY 2023	Rate Allowance						Example of Spend Over Rate Allowance						Amount Subject to Deferral (o)		
	Capital Expend. To Plant		Depreciation Expense	Accumulated Depreciation	Net Utility	Pre - Tax WACC	Total Revenue Requirement	Capital Expend. To Plant		Depreciation Expense	Accumulated Depreciation	Net Utility		Pre - Tax WACC	Total Revenue Requirement
	In-Service (Note 1)	Plant Balance (b)	1.42% (Note 2)	Reserve Balance (d)	Plant (e)	7.82% (Note 3)	(g)	In-Service (Note 1)	Plant Balance (i)	1.42% (Note 2)	Reserve Balance (k)	Plant (l)		7.82% (Note 3)	Requirement (n)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
				(b) + (d)	(f)	(c)+(f)					(i) + (k)	(m)	(j)+(m)	(n) - (g)	
Mar-2022		17,327		-211	17,116				19,000		-186	18,814			
Apr-2022	651	17,978	21	-231	17,747	116	684	19,684	22	-208	19,476	127			
May-2022	710	18,688	21	-253	18,435	120	745	20,430	23	-23	20,406	133			
Jun-2022	704	19,392	22	-275	19,117	125	740	21,169	24	-47	21,122	138			
Jul-2022	683	20,075	23	-298	19,777	129	718	21,887	25	-73	21,814	142			
Aug-2022	1,243	21,318	24	-321	20,997	137	1,306	23,193	26	-98	23,095	150			
Sep-2022	853	22,171	25	-347	21,825	142	896	24,089	27	-126	23,963	156			
Oct-2022	1,195	23,366	26	-373	22,993	150	1,255	25,344	29	-154	25,190	164			
Nov-2022	1,106	24,472	28	-400	24,071	157	1,162	26,506	30	-184	26,321	172			
Dec-2022	828	25,300	29	-429	24,871	162	870	27,376	31	-216	27,160	177			
Jan-2023	502	25,802	30	-459	25,343	165	527	27,903	32	-248	27,655	180			
Feb-2023	699	26,501	31	-490	26,011	170	734	28,637	33	-281	28,356	185			
Mar-2023	1,297	27,798	31	-521	27,277	178	1,363	30,000	34	-315	29,685	193			
	10,472	22,302	310	-353	21,949	1,749	2,060	11,000	24,226	338	-159	24,067	1,917	2,255	
														195	

FY 2024	Rate Allowance						Example of Spend Under Rate Allowance						Amount Subject to Deferral (o)		
	Capital Expend. To Plant		Depreciation Expense	Accumulated Depreciation	Net Utility	Pre - Tax WACC	Total Revenue Requirement	Capital Expend. To Plant		Depreciation Expense	Accumulated Depreciation	Net Utility		Pre - Tax WACC	Total Revenue Requirement
	In-Service (Note 1)	Plant Balance (b)	1.42% (Note 2)	Reserve Balance (d)	Plant (e)	7.82% (Note 3)	(g)	In-Service (Note 1)	Plant Balance (i)	1.42% (Note 2)	Reserve Balance (k)	Plant (l)		7.82% (Note 3)	Requirement (n)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
				(b) + (d)	(f)	(c)+(f)					(i) + (k)	(m)	(j)+(m)	(n) - (g)	
Mar-2023		27,798		-521	27,277			30,000		-315	29,685				
Apr-2023	664	28,463	33	-554	27,908	182	698	30,698	36	-351	30,347	198			
May-2023	724	29,186	34	-588	28,598	186	760	31,458	36	-36	31,422	205			
Jun-2023	718	29,905	35	-622	29,282	191	755	32,213	37	-74	32,139	209			
Jul-2023	697	30,601	35	-658	29,944	195	732	32,945	38	-112	32,833	214			
Aug-2023	1,268	31,870	36	-694	31,176	203	1,332	34,277	39	-151	34,126	222			
Sep-2023	870	32,740	38	-732	32,008	209	914	35,191	41	-191	35,000	228			
Oct-2023	1,219	33,958	39	-770	33,188	216	1,280	36,471	42	-233	36,238	236			
Nov-2023	1,128	35,086	40	-811	34,276	223	1,185	37,656	43	-276	37,380	244			
Dec-2023	845	35,931	42	-852	35,079	229	887	38,543	45	-321	38,223	249			
Jan-2024	512	36,443	43	-895	35,549	232	538	39,081	46	-366	38,715	252			
Feb-2024	713	37,156	43	-938	36,218	236	749	39,830	46	-412	39,417	257			
Mar-2024	1,323	38,479	44	-982	37,498	244	1,390	41,220	47	-460	40,760	266			
	10,681	32,873	460	-739	32,134	2,546	3,007	10,000	35,331	495	-242	35,089	2,780	3,275	
														268	

- Revenue requirement assumes capital expenditures are placed in-service in the month spent.
- Depreciation is based on existing composite depreciation rate for mains and services based on 12/31/2018 plant balances.
- Utilizes pre-tax WACC by fiscal year with a ROE of 8.8%
- The FY 2021 incremental/under spend will be rolled forward to the FY 2022, FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- The FY 2022 incremental/under spend will be rolled forward to the FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- The FY 2023 incremental/under spend will be rolled forward to the FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.

Keyspan Gas East Corporation d/b/a National Grid
Demand Capacity Surcharge Mechanism - Illustrative Example
(\$000's)

<u>Line #</u>	KEDLI			
	FY21	FY22	FY23	FY24
1 Weatherization/IDD ⁽¹⁾	\$ -	\$ 3,915	\$ 15,435	\$ 48,135
2 NE:NY RY4 Incremental Allowances	-	-	-	5,739
3 Demand Response ⁽¹⁾	-	1,049	3,501	5,637
4 Capital Capacity Projects subject to surcharge ⁽¹⁾	-	5,169	11,781	8,663
5 Total Estimated Capacity Surcharge	\$ -	\$ 10,133	\$ 30,717	\$ 68,174

Line # Notes

1 See Page 2,

See Page 2, Pursuant to Section 12.2 of the Joint Proposal, the Company will not be permitted to recover for RY 4 Commission approved NE:NY budget to the extent the Section 12.2 Joint Proposal mechanisms cause KEDLI to earn an ROE in excess of 8.8

2 percent during the period in which the mechanisms are in effect.

3 See Page 7

See Page 11. Company recovers projects associated revenue requirement from the preceding year the project is placed in service as well as the current year's revenue requirement.

5 Line 1 + Line 2 + Line 3 + Line 4

Assumptions:

⁽¹⁾ Company meets metrics reflected in Joint Proposal Section 5.3.2 and 5.3.3.

Energy Efficiency and Demand Response costs will be recovered on a forecast basis of 50% in the year the costs are expected to be incurred.

Keyspan Gas East Corporation db/a National Grid
NE:NY and Weatherization/IDD
(Whole Dollars)

Line # NE:NY Budget/Target ⁽¹⁾

	<u>CY 2021</u>	<u>CY 2022</u>	<u>CY 2023</u>	<u>CY 2024</u>	<u>CY 2025</u>	<u>CY21-25 Total</u>
Gas Budget	\$ 14,966,640	\$ 20,337,557	\$ 25,654,872	\$ 32,656,933	\$ 39,367,030	\$ 132,983,032
Gas Target (MMBtu)	433,821	601,821	756,821	953,821	1,129,821	3,876,105

NE:NY Budget/Target prorated to Fiscal Year

	Budget (\$)				Target (MMBtu)			
	<u>FY22 RY2</u>	<u>FY23 RY3</u>	<u>FY24 RY4</u>	<u>FY22 RY2</u>	<u>FY23 RY3</u>	<u>FY24 RY4</u>	<u>FY23 RY3</u>	<u>FY24 RY4</u>
Gas Budget	\$ 16,309,369	\$ 21,666,886	\$ 27,405,387	475,821	640,571	806,071	640,571	806,071

3 Incremental NE:NY Budget RY4

<u>FY23 to FY24</u>	5,738,502
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Weatherization/IDD - Illustrative Example ⁽³⁾

	Budget (\$)				Budget (MMBtu)			
	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY23</u>	<u>FY24</u>
Residential	\$9,825,000	\$42,191,250	\$57,231,563	50,250	226,125	320,344	226,125	320,344
Commercial, Industrial & Multifamily	7,574,044	30,810,074	43,225,938	52,750	226,125	320,344	226,125	320,344
Total	\$17,399,044	\$73,001,324	\$100,457,500	103,000	452,250	640,688	452,250	640,688

KEDLI Portion 45% ⁽²⁾

Residential	\$4,421,250	\$18,986,063	\$25,754,203	22,613	101,756	144,155	101,756	144,155
Commercial, Industrial & Multifamily	3,408,320	13,864,533	19,451,672	23,738	101,756	144,155	101,756	144,155
Total	\$7,829,570	\$32,850,596	\$45,205,875	46,350	203,513	288,309	203,513	288,309
Forecast Spend	\$7,829,570	\$32,850,596	\$45,205,875					
Actual Spend	3,000,000	40,000,000	50,000,000					
Amount Included in Forecast	3,914,785	16,425,298	22,602,938					
Amount Rollforward to next year	(914,785)	23,574,702	27,397,063					
Carrying Cost on Roll-over	(75,962)	1,957,610	2,275,014					
Amount included in Present Year As-spent	-	(990,747)	25,532,312					
Total Recovered During the Year	\$3,914,785	\$15,434,550	\$48,135,250					

Keyspan Gas East Corporation db/a National Grid
NE:NY and Weatherization/IDD
(Whole Dollars)

Line # Notes

- 1 Gas budgets & targets (MMBtu) per (NE:NY) Case 18-M-0084; Appendix A - Table 4A
Fiscal Year Runs April 1st - March 31st - Fiscal Year takes 9 months of the prior calendar year and 3 months of the current calendar year.
- 2 (For example FY23 is 9 months of calendar year 2022 and 3 months of calendar year 2023)
- 3 Incremental = Fiscal Year 2024 - Fiscal 2023 (Rate Year 3)
- 4 Illustrative Actual of Total DNY (KEDNY/KEDLI) Weatherization Budget for Residential
- 5 Illustrative Actual of Total DNY (KEDNY/KEDLI) Weatherization Budget for C&I and Multifamily
- 6 Line 4 + Line 5
- 7 Line 4 * 45%
- 8 Line 5 * 45%
- 9 Line 7 + Line 8
- 10 Line 9 - Illustrative Example of Forecast
- 11 Illustrative Example of Actual Spend
- 12 Line 10 * 50%
- 13 Line 11 less Line 12
- 14 Carrying cost calculated on compounded monthly balance over 2 years - See Pages 4 through 6
- 15 FY22 N/A; FY23 & FY24 Prior Year Line 13 + Line 14
- 16 Line 12 + Line 15

Assumptions

- (1) Based on EE weatherization budgets in a "high case" scenario: assumes all future weatherization funding will be incremental and that these projects will be needed after EE and DR expenditures
- (2) KEDLI receives 45%, KEDNY receives remaining 55%
Budgets and targets shown for incremental energy efficiency above are illustrative only. The official budgets and targets will be filed and approved by the Commission in an annual Incremental DNY DSM filing and may change annually based upon the long-term gas demand forecast and the status of the Long-Term Capacity Projects.
- (3) Term Capacity Projects.
Accelerated NE:NY funding that had been designated for low and moderate income customers in 2024 and 2025 may be spent, at least in part, on market rate incremental energy efficiency programs in Rate Years 2 and 3.
Incremental energy efficiency programs designed to address the design day have a strong peak coincidence factor, a long useful life, and are not reliant on customer behavior. The Companies have conducted several studies and surveys that indicate the incentive levels and costs per therm for the incremental energy efficiency will result in a substantially higher run rate than the Companies' traditional program offerings.
The Companies' Long-Term Gas Demand Forecast depends upon the NE:NY targets being met in 2024 and 2025. To the extent that the Companies accelerate NE:NY funding for those years, the Companies will file to increase NE:NY targets and budgets in 2022, through the mechanism to be identified in the NE:NY Proceeding, in order to replenish accelerated funding and to establish additional funding for continued incremental energy efficiency.

Keyspan Gas East Corporation d/b/a National Grid
Energy Efficiency Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2022 Example

Pre-tax WACC 7.8504% 0.6542% Monthly pre-tax wacc
Roll-Forward Amount \$ (914,785) \$ (76,232) Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ (76,232)	\$ (76,232)	0.65%	\$ (499)	\$ (499)	\$ (76,731)
2	(76,731)	(76,232)	(152,963)	0.65%	(1,001)	(1,499)	(153,964)
3	(153,964)	(76,232)	(230,196)	0.65%	(1,506)	(3,005)	(231,702)
4	(231,702)	(76,232)	(307,934)	0.65%	(2,014)	(5,020)	(309,948)
5	(309,948)	(76,232)	(386,180)	0.65%	(2,526)	(7,546)	(388,707)
6	(388,707)	(76,232)	(464,939)	0.65%	(3,042)	(10,588)	(467,980)
7	(467,980)	(76,232)	(544,212)	0.65%	(3,560)	(14,148)	(547,773)
8	(547,773)	(76,232)	(624,005)	0.65%	(4,082)	(18,230)	(628,087)
9	(628,087)	(76,232)	(704,319)	0.65%	(4,608)	(22,838)	(708,927)
10	(708,927)	(76,232)	(785,159)	0.65%	(5,136)	(27,974)	(790,295)
11	(790,295)	(76,232)	(866,527)	0.65%	(5,669)	(33,643)	(872,196)
12	(872,196)	(76,232)	(948,428)	0.65%	(6,205)	(39,848)	(954,633)
13	(954,633)	79,553	(875,080)	0.65%	(5,725)	(45,572)	(880,805)
14	(880,805)	79,553	(801,252)	0.65%	(5,242)	(50,814)	(806,494)
15	(806,494)	79,553	(726,941)	0.65%	(4,756)	(55,570)	(731,697)
16	(731,697)	79,553	(652,144)	0.65%	(4,266)	(59,836)	(656,410)
17	(656,410)	79,553	(576,857)	0.65%	(3,774)	(63,610)	(580,631)
18	(580,631)	79,553	(501,079)	0.65%	(3,278)	(66,888)	(504,357)
19	(504,357)	79,553	(424,804)	0.65%	(2,779)	(69,667)	(427,583)
20	(427,583)	79,553	(348,030)	0.65%	(2,277)	(71,944)	(350,307)
21	(350,307)	79,553	(270,754)	0.65%	(1,771)	(73,715)	(272,526)
22	(272,526)	79,553	(192,973)	0.65%	(1,262)	(74,977)	(194,235)
23	(194,235)	79,553	(114,682)	0.65%	(750)	(75,728)	(115,433)
24	(115,433)	79,553	(35,880)	0.65%	(235)	(75,962)	(36,115)

Keyspan Gas East Corporation d/b/a National Grid
Energy Efficiency Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2023 Example

Pre-tax WACC 7.8204% 0.6517% Monthly pre-tax wacc
Roll-Forward Amount \$ 23,574,702 \$ 1,964,559 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 1,964,559	\$ 1,964,559	0.65%	\$ 12,852	\$ 12,852	\$ 1,977,411
2	1,977,411	1,964,559	3,941,969	0.65%	25,788	38,640	3,967,757
3	3,967,757	1,964,559	5,932,316	0.65%	38,809	77,449	5,971,125
4	5,971,125	1,964,559	7,935,683	0.65%	51,915	129,364	7,987,598
5	7,987,598	1,964,559	9,952,157	0.65%	65,107	194,471	10,017,263
6	10,017,263	1,964,559	11,981,822	0.65%	78,385	272,856	12,060,207
7	12,060,207	1,964,559	14,024,765	0.65%	91,749	364,605	14,116,515
8	14,116,515	1,964,559	16,081,073	0.65%	105,202	469,807	16,186,275
9	16,186,275	1,964,559	18,150,833	0.65%	118,742	588,549	18,269,576
10	18,269,576	1,964,559	20,234,134	0.65%	132,371	720,920	20,366,505
11	20,366,505	1,964,559	22,331,064	0.65%	146,089	867,009	22,477,153
12	22,477,153	1,964,559	24,441,711	0.65%	159,897	1,026,906	24,601,608
13	24,601,608	(2,050,134)	22,551,474	0.65%	147,531	1,174,437	22,699,005
14	22,699,005	(2,050,134)	20,648,871	0.65%	135,084	1,309,521	20,783,955
15	20,783,955	(2,050,134)	18,733,821	0.65%	122,556	1,432,077	18,856,377
16	18,856,377	(2,050,134)	16,806,243	0.65%	109,946	1,542,022	16,916,189
17	16,916,189	(2,050,134)	14,866,055	0.65%	97,253	1,639,276	14,963,308
18	14,963,308	(2,050,134)	12,913,174	0.65%	84,478	1,723,753	12,997,651
19	12,997,651	(2,050,134)	10,947,517	0.65%	71,618	1,795,371	11,019,136
20	11,019,136	(2,050,134)	8,969,002	0.65%	58,675	1,854,046	9,027,677
21	9,027,677	(2,050,134)	6,977,543	0.65%	45,647	1,899,693	7,023,189
22	7,023,189	(2,050,134)	4,973,055	0.65%	32,534	1,932,227	5,005,589
23	5,005,589	(2,050,134)	2,955,455	0.65%	19,334	1,951,561	2,974,790
24	2,974,790	(2,050,134)	924,656	0.65%	6,049	1,957,610	930,705

Keyspan Gas East Corporation d/b/a National Grid
Energy Efficiency Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2024 Example

Pre-tax WACC 7.8204% 0.6517% Monthly pre-tax wacc
Roll-Forward Amount \$ 27,397,063 \$ 2,283,089 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 2,283,089	\$ 2,283,089	0.65%	\$ 14,936	\$ 14,936	\$ 2,298,024
2	2,298,024	2,283,089	4,581,113	0.65%	29,969	44,905	4,611,082
3	4,611,082	2,283,089	6,894,171	0.65%	45,101	90,007	6,939,272
4	6,939,272	2,283,089	9,222,361	0.65%	60,332	150,339	9,282,693
5	9,282,693	2,283,089	11,565,782	0.65%	75,663	226,002	11,641,445
6	11,641,445	2,283,089	13,924,533	0.65%	91,094	317,096	14,015,627
7	14,015,627	2,283,089	16,298,716	0.65%	106,626	423,721	16,405,341
8	16,405,341	2,283,089	18,688,430	0.65%	122,259	545,980	18,810,689
9	18,810,689	2,283,089	21,093,777	0.65%	137,995	683,975	21,231,772
10	21,231,772	2,283,089	23,514,861	0.65%	153,833	837,809	23,668,694
11	23,668,694	2,283,089	25,951,782	0.65%	169,776	1,007,584	26,121,558
12	26,121,558	2,283,089	28,404,647	0.65%	185,822	1,193,406	28,590,469
13	28,590,469	(2,382,539)	26,207,930	0.65%	171,451	1,364,858	26,379,381
14	26,379,381	(2,382,539)	23,996,842	0.65%	156,986	1,521,844	24,153,828
15	24,153,828	(2,382,539)	21,771,289	0.65%	142,427	1,664,271	21,913,716
16	21,913,716	(2,382,539)	19,531,177	0.65%	127,772	1,792,043	19,658,950
17	19,658,950	(2,382,539)	17,276,410	0.65%	113,022	1,905,065	17,389,432
18	17,389,432	(2,382,539)	15,006,893	0.65%	98,175	2,003,239	15,105,068
19	15,105,068	(2,382,539)	12,722,529	0.65%	83,230	2,086,470	12,805,759
20	12,805,759	(2,382,539)	10,423,220	0.65%	68,188	2,154,658	10,491,408
21	10,491,408	(2,382,539)	8,108,869	0.65%	53,048	2,207,706	8,161,917
22	8,161,917	(2,382,539)	5,779,378	0.65%	37,808	2,245,515	5,817,186
23	5,817,186	(2,382,539)	3,434,647	0.65%	22,469	2,267,984	3,457,117
24	3,457,117	(2,382,539)	1,074,578	0.65%	7,030	2,275,014	1,081,607

Keyspan Gas East Corporation d/b/a National Grid
Demand Response - Illustrative Example
(Whole Dollars)

<u>Line #</u>		FY22	FY23	FY24
	<u>DR Costs (Downstate KEDNY and KEDLI)</u>			
1	Metering (Labor)	\$ 50,000	\$ 50,000	\$ 50,000
2	Marketing	25,000	25,000	25,000
3	EM&V	100,000	100,000	100,000
4	Vendors	100,000	100,000	100,000
5	Total	<u>\$ 275,000</u>	<u>\$ 275,000</u>	<u>\$ 275,000</u>
	<u>DR Incentive (Downstate KEDNY and KEDLI)</u>			
6	Incentive Costs	<u>\$ 7,950,000</u>	<u>\$ 16,200,000</u>	<u>\$ 19,050,000</u>
	<u>Funding Source Estimates (Downstate KEDNY and KEDLI)</u>			
7	Estimated Remaining EE/DR Settlement Funds	<u>\$ 1,232,270</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>Incremental Funding Need</u>			
8	Downstate KEDNY and KEDLI Total	<u>\$ 6,992,730</u>	<u>\$ 16,475,000</u>	<u>\$ 19,325,000</u>
9	KEDLI Portion - 30% ⁽¹⁾	<u>\$ 2,097,819</u>	<u>\$ 4,942,500</u>	<u>\$ 5,797,500</u>
10	Forecast Spend	\$2,097,819	\$4,942,500	\$5,797,500
11	Actual Spend	2,000,000	5,000,000	6,000,000
12	Amount Included in Forecast	1,048,910	2,471,250	2,898,750
13	Amount Rollforward to next year	951,091	2,528,750	3,101,250
14	Carrying Cost on Roll-over	78,977	209,984	257,523
15	Amount included in Present Year As-spent	-	1,030,068	2,738,734
16	Total Recovered During the Year	<u>\$ 1,048,910</u>	<u>\$ 3,501,318</u>	<u>\$ 5,637,484</u>

Line # Notes

- 8 Line 5 + Line 6 - Line 8
- 9 Line 8 * 30%
- 10 Line 9 - Illustrative Example of Forecast
- 11 Illustrative Example of Actual Spend
- 12 Line 10 * 50%
- 13 Line 11 less Line 12
- 14 Carrying cost calculated on compounded monthly balance over 2 years - See Pages 8 through 10
- 15 FY22 N/A; FY23 & FY24 Prior Year Line 13 + Line 14
- 16 Line 12 + Line 15

Assumptions

- ⁽¹⁾ KEDLI receives 30%, KEDNY receives remaining 70%

Keyspan Gas East Corporation d/b/a National Grid
Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2022 Example

Pre-tax WACC 7.8504% 0.6542% Monthly pre-tax wacc
Roll-Forward Amount \$ 951,091 \$ 79,258 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 79,258	\$ 79,258	0.65%	\$ 518	\$ 518	\$ 79,776
2	79,776	79,258	159,034	0.65%	1,040	1,559	160,074
3	160,074	79,258	239,332	0.65%	1,566	3,125	240,897
4	240,897	79,258	320,155	0.65%	2,094	5,219	322,249
5	322,249	79,258	401,507	0.65%	2,627	7,846	404,133
6	404,133	79,258	483,391	0.65%	3,162	11,008	486,553
7	486,553	79,258	565,811	0.65%	3,702	14,710	569,512
8	569,512	79,258	648,770	0.65%	4,244	18,954	653,014
9	653,014	79,258	732,272	0.65%	4,790	23,744	737,062
10	737,062	79,258	816,320	0.65%	5,340	29,085	821,660
11	821,660	79,258	900,918	0.65%	5,894	34,978	906,811
12	906,811	79,258	986,069	0.65%	6,451	41,429	992,520
13	992,520	(82,710)	909,810	0.65%	5,952	47,381	915,762
14	915,762	(82,710)	833,052	0.65%	5,450	52,831	838,501
15	838,501	(82,710)	755,791	0.65%	4,944	57,775	760,736
16	760,736	(82,710)	678,026	0.65%	4,436	62,211	682,461
17	682,461	(82,710)	599,752	0.65%	3,924	66,134	603,675
18	603,675	(82,710)	520,965	0.65%	3,408	69,543	524,373
19	524,373	(82,710)	441,663	0.65%	2,889	72,432	444,553
20	444,553	(82,710)	361,843	0.65%	2,367	74,799	364,210
21	364,210	(82,710)	281,500	0.65%	1,842	76,641	283,341
22	283,341	(82,710)	200,631	0.65%	1,313	77,953	201,944
23	201,944	(82,710)	119,234	0.65%	780	78,733	120,014
24	120,014	(82,710)	37,304	0.65%	244	78,977	37,548

Keyspan Gas East Corporation d/b/a National Grid
Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2023 Example

Pre-tax WACC 7.8204% 0.6517% Monthly pre-tax wacc
Roll-Forward Amount \$ 2,528,750 \$ 210,729 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 210,729	\$ 210,729	0.65%	\$ 1,379	\$ 1,379	\$ 212,108
2	212,108	210,729	422,837	0.65%	2,766	4,145	425,603
3	425,603	210,729	636,332	0.65%	4,163	8,308	640,495
4	640,495	210,729	851,224	0.65%	5,569	13,876	856,793
5	856,793	210,729	1,067,522	0.65%	6,984	20,860	1,074,506
6	1,074,506	210,729	1,285,235	0.65%	8,408	29,268	1,293,643
7	1,293,643	210,729	1,504,372	0.65%	9,842	39,110	1,514,214
8	1,514,214	210,729	1,724,943	0.65%	11,285	50,394	1,736,227
9	1,736,227	210,729	1,946,957	0.65%	12,737	63,131	1,959,693
10	1,959,693	210,729	2,170,423	0.65%	14,199	77,330	2,184,621
11	2,184,621	210,729	2,395,351	0.65%	15,670	93,000	2,411,021
12	2,411,021	210,729	2,621,750	0.65%	17,151	110,151	2,638,901
13	2,638,901	(219,908)	2,418,993	0.65%	15,825	125,976	2,434,818
14	2,434,818	(219,908)	2,214,910	0.65%	14,490	140,466	2,229,399
15	2,229,399	(219,908)	2,009,491	0.65%	13,146	153,612	2,022,637
16	2,022,637	(219,908)	1,802,728	0.65%	11,793	165,406	1,814,522
17	1,814,522	(219,908)	1,594,613	0.65%	10,432	175,838	1,605,045
18	1,605,045	(219,908)	1,385,137	0.65%	9,062	184,899	1,394,198
19	1,394,198	(219,908)	1,174,290	0.65%	7,682	192,581	1,181,972
20	1,181,972	(219,908)	962,064	0.65%	6,294	198,875	968,357
21	968,357	(219,908)	748,449	0.65%	4,896	203,771	753,345
22	753,345	(219,908)	533,437	0.65%	3,490	207,261	536,927
23	536,927	(219,908)	317,018	0.65%	2,074	209,335	319,092
24	319,092	(219,908)	99,184	0.65%	649	209,984	99,832

Keyspan Gas East Corporation d/b/a National Grid
Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2024 Example

Pre-tax WACC 7.8204% 0.6517% Monthly pre-tax wacc
Roll-Forward Amount \$ 3,101,250 \$ 258,438 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 258,438	\$ 258,438	0.65%	\$ 1,691	\$ 1,691	\$ 260,128
2	260,128	258,438	518,566	0.65%	3,392	5,083	521,958
3	521,958	258,438	780,396	0.65%	5,105	10,188	785,501
4	785,501	258,438	1,043,938	0.65%	6,829	17,018	1,050,768
5	1,050,768	258,438	1,309,205	0.65%	8,565	25,583	1,317,770
6	1,317,770	258,438	1,576,208	0.65%	10,311	35,894	1,586,519
7	1,586,519	258,438	1,844,957	0.65%	12,070	47,964	1,857,026
8	1,857,026	258,438	2,115,464	0.65%	13,839	61,803	2,129,303
9	2,129,303	258,438	2,387,741	0.65%	15,621	77,424	2,403,361
10	2,403,361	258,438	2,661,799	0.65%	17,413	94,837	2,679,212
11	2,679,212	258,438	2,937,649	0.65%	19,218	114,055	2,956,867
12	2,956,867	258,438	3,215,305	0.65%	21,034	135,089	3,236,339
13	3,236,339	(269,695)	2,966,644	0.65%	19,408	154,497	2,986,052
14	2,986,052	(269,695)	2,716,357	0.65%	17,770	172,267	2,734,127
15	2,734,127	(269,695)	2,464,432	0.65%	16,122	188,390	2,480,555
16	2,480,555	(269,695)	2,210,860	0.65%	14,463	202,853	2,225,323
17	2,225,323	(269,695)	1,955,628	0.65%	12,794	215,647	1,968,422
18	1,968,422	(269,695)	1,698,727	0.65%	11,113	226,760	1,709,840
19	1,709,840	(269,695)	1,440,145	0.65%	9,421	236,181	1,449,566
20	1,449,566	(269,695)	1,179,871	0.65%	7,719	243,900	1,187,590
21	1,187,590	(269,695)	917,895	0.65%	6,005	249,904	923,900
22	923,900	(269,695)	654,205	0.65%	4,280	254,184	658,485
23	658,485	(269,695)	388,790	0.65%	2,543	256,728	391,333
24	391,333	(269,695)	121,638	0.65%	796	257,523	122,434

Keyspan Gas East Corporation d/b/a National Grid
Capital Capacity Projects
Summary of Estimated Revenue Requirement Impact
(\$000's)

Company's Capital Capacity Projects Excluded from Base Rates

KEDLI - Capital Capacity Projects - Subject to Surcharge	In-Service Date	Revenue Requirement Impact					Capex Impact					Comments		
		FY21	FY22	FY23	FY24	FY20 (Actuals)	FY21 Actuals + Forecast	FY22	FY23	FY24	FY22		FY23	FY24
LTLI0860 Riverhead Transmission Main - PM	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project has been deferred indefinitely
LTLI0985 Southeast Suffolk Infrastructure - Phase 1	Dec-2021	-	1,603	3,155	3,075	1,234	7,239	26,574	10	-	-	-	-	Project has been deferred indefinitely
LTLI0985 Southeast Suffolk Infrastructure - Phase 2	N/A	-	-	-	-	-	-	-	-	-	-	-	-	Project has been deferred indefinitely
CNG - Glenwood CNG Injection Facility Upgrade *	Dec-2020	772	1,511	1,462	1,415	-	13,549	50	-	-	-	-	-	
CNG - Portable CNG 3rd Site (Barrett CNG Off Loading Facility) *	Jun-2021	-	1,249	2,452	2,373	2,976	10,446	8,660	-	-	-	-	-	
CNG - Portable CNG 4th Site (Inwood CNG Off Loading Facility) *	Dec-2020	973	1,913	1,860	1,800	-	17,073	225	-	-	-	-	-	
Northwest Nassau Phase 3 Construction Costs	Mar-2026	-	-	-	-	-	-	-	-	-	-	85,000	-	Construction post rate case
Total KEDLI - Capital Capacity Projects Revenue Requirement		\$ 1,744	\$ 6,277	\$ 8,929	\$ 8,663	\$ 4,210	\$ 48,307	\$ 35,509	\$ 10	\$ 10	\$ 85,000			

* Due to these projects being in-service or nearing completion, KEDLI will be allowed to recover the associated costs without undergoing additional independent assessment.

KEDLI
EARNINGS ADJUSTMENT MECHANISMS

The Company will adopt three Earnings Adjustment Mechanisms (“EAMs”): (1) Share the Savings (“STS”), and (2) LMI Energy Efficiency (“LMI EE”), and (3) Gas Peak Reduction (“GPR”). STS and LMI will be measured on a calendar year (“CY”) basis, and will commence as of January 1, 2021. GPR will be measured on a heating season basis and will commence as of January 1, 2021. If any of the performance levels detailed below are achieved, the Company can earn an annual pre-tax positive revenue adjustment.

EAMs shall be awarded at minimum, midpoint, and maximum target levels in dollars only, as specified in Table 2. Basis point amounts associated with each metric and achievement level are provided for illustrative purposes only.

For periods beyond Rate Year Three, the Company may annually file a petition for Commission consideration proposing EAMs for the upcoming year until it files to establish new base delivery rates. The EAMs, targets, and positive revenue adjustments are described in the sections that follow. The targets and associated incentives are outlined in the tables below.

Since calendar years do not align with Rate Years, the descriptions below of each EAM include details as to the timing of performance and measurement.

Table 1: KEDLI EAM Target Summary

Metric	Units		Targets		
			CY2021	CY 2022	CY2023
Gas EE Share the Savings	(n/a)	Min	Determined formulaically		
		Mid			
		Max			
Low and Moderate Income (LMI) Customer Savings	MMBtu	Min	N/A	N/A	118,180
		Mid			129,435
		Max			163,200
Gas Heating Load Peak Reduction (GPR)		Heating season	2020/2021	2021/2022	2022/2023
		Baseline heat factor	Determined Formulaically		
	% reduction below prior season heat factor	Min			
		Mid			
		Max			

Table 2: KEDLI EAM Incentive Summary

Metric		Basis Points			\$ (000s)		
		CY2021	CY 2022	CY2023	CY2021	CY 2022	CY2023
Gas EE Share the Savings	(n/a)	Determined formulaically			Determined formulaically		
Low and Moderate Income (LMI) Customer Savings	Min	N/A	N/A	2	N/A	N/A	\$504
	Mid			5			\$1,262
	Max			10			\$2,524
Gas Peak Reduction (GPR)	Min	2.5	2.5	2.5	\$578	\$631	\$631
	Mid	5	5	5	\$1,155	\$1,262	\$1,262
	Max	10	10	10	\$2,311	\$2,524	\$2,524

EAM Calculations

1.0 System Efficiency

The System Efficiency EAM is composed of one metric: Gas Peak Reduction (“GPR”)

1.1 Peak Reduction

Description

The Gas Peak Reduction (“GPR”) EAM incentivizes the Company to deliver reductions in daily firm heating load gas demand in its territory. It sets performance targets based on a linear regression of historical gas peak demand data sourced from the prior five winter periods preceding each calendar year. Minimum, mid-point and maximum targets are based on 0.25, 1.0, and 1.75 standard errors from the winter peak as predicted based on the regression, and achievement is based on the ability of the Company to meet the firm gas system peak reduction targets.

Since EAMs cannot begin until January 2021, and since the Company’s efforts to reduce peak demand through demand response began in 2020, the first winter season will be considered to be the one that extends into 2021 from the prior year, *i.e.*, the 2020-21 winter season (with the heating load derived by subtracting the 2020 summer peak load, as defined in the metric below). The Company will not earn on the first year unless the peak is realized between January 1, 2021 and March 31, 2021.

Metric

The metric is based on the firm only heating load, measured as dekatherm-days (MDt-day) per heating degree day (HDD), also referred to as “heat factor.”

Non-heating load is removed by subtracting the prior year’s summer peak from the winter peak. Thus, the equation for the metric is as follows:

$$CY_x \text{ Heat Factor} = \frac{CY_x \text{ Winter Firm Peak Demand} - CY_x \text{ Summer Firm Peak Demand}}{CY_x \text{ Winter Firm Peak Day HDD}}$$

where

$x = 1, 2, 3$, etc. for Calendar Year 1, Calendar Year 2, etc.

$CY_x \text{ Heat Factor}$ = The non-heating firm gas demand in Calendar Year x normalized for air temperature (as represented by HDDs)

Peak Demand = The highest sendout during the entirety of a gas day during the winter and summer seasons, including supplies from any LNG and CNG facilities within the Company's territory and all trucked CNG, with non-firm customer consumption and gas used for power generation removed

CY_x Winter Firm Peak Demand = The winter gas peak demand (as measured on a gas day basis) in Calendar Year x, for the period between November 1 of Calendar Year x through March 31 of Calendar Year x+1; so, by this definition "Calendar Year" refers to the winter season extending from one calendar year into the next.

CY_x Summer Firm Peak Demand = The summer gas peak demand (as measured on a gas day basis) in Calendar Year x, for the period between July 1 of Calendar Year x through September 30 of Calendar Year x; this element of the metric is presumed to represent the baseline non-heating load of Calendar Year x

CY_x Winter Firm Peak Day HDD = A measure of the number of degrees that the peak gas day's 24-hour dry bulb temperature is below 65° F, as measured at the the Farmingdale Airport weather station (KFRG)

Target

The rate year minimum, midpoint, and maximum targets for heat factor (Dth/HDD), are set based on the following formula:

$$CY_x \text{ GPR Min} = CY_x \text{ gas peak forecast} - 0.25 \text{ standard error}$$

$$CY_x \text{ GPR Mid} = CY_x \text{ gas peak forecast} - 1.0 \text{ standard error}$$

$$CY_x \text{ GPR Max} = CY_x \text{ gas peak forecast} - 1.75 \text{ standard error}$$

where

$x = 1, 2, 3, \text{ etc. for } CY_1, CY_2, CY_3, \text{ etc.}$

CY_x gas peak forecast = The forecasted demand for Calendar Year x, based on the trendline of the linear regression of the last five years' heat factors (see definition of CY_x GPR above) in the Company's service territory

standard error = The standard error of the linear regression derived from the last five years' heat factors in the Company's service territory

Achievement and basis points

Achievement will be based on the targets as set above, with a linear scale between minimum and midpoint basis points, and another between midpoint and maximum basis points. The basis points will be calculated as follows:

Peak Reduction - KEDLI	Basis Points	Dollars (\$000s)		
		2021	2022	2023
Minimum (<i>BP Min</i>)	2.5	\$578	\$631	\$631
Midpoint (<i>BP Mid</i>)	5	\$1,155	\$1,262	\$1,262
Maximum (<i>BP Max</i>)	10	\$2,311	\$2,524	\$2,524

Achievement will be calculated as follows:

- a) If $CY_x \text{ Heat Factor} < CY_x \text{ Min}$,

$$BP_{\text{awarded}} = 0$$

- b) If $CY_x \text{ GPR Mid} > CY_x \text{ Heat Factor} \geq CY_x \text{ GPR Min}$,

$$BP_{\text{awarded}} = BP \text{ Min} + (\text{Min/Mid Slope}) * (CY_x \text{ Heat Factor} - CY_x \text{ GPR Min})$$

$$\text{Min/Mid Slope} = \frac{BP \text{ Mid} - BP \text{ Min}}{CY_x \text{ GPR Min} - CY_x \text{ GPR Mid}}$$

- c) If $CY_x \text{ GPR Max} \geq CY_x \text{ Heat Factor} \geq CY_x \text{ GPR Mid}$,

$$BP_{\text{awarded}} = BP \text{ Mid} + (\text{Mid/Max Slope}) * (CY_x \text{ Heat Factor} - CY_x \text{ GPR Mid})$$

$$\text{Mid/Max Slope} = \frac{BP \text{ Max} - BP \text{ Mid}}{CY_x \text{ GPR Mid} - CY_x \text{ GPR Max}}$$

- d) If $CY_x \text{ Heat Factor} > CY_x \text{ GPR Max}$

$$BP_{\text{awarded}} = BP \text{ Max}$$

2.0 Energy Efficiency Measures

The Energy Efficiency EAM is composed of two metrics: Share the Savings and Low & Moderate Income Energy Efficiency.

2.1 Share the Savings EAM

Description

The STS EAM incentivizes the Company to reduce the unit costs of its energy efficiency portfolio (excluding HEAT and LMI programs). The Company can achieve incentives under this EAM by reducing total portfolio expenditure and/or by increasing the overall achievement above the approved baseline level of lifetime energy savings. The Company will be awarded 30% of unit cost savings, as detailed in the metric below.

Performance on the STS EAM may be measured through the entirety of CY 2023 based on targets and basis points above or as approved by the Commission in a filing by the Company to establish new base delivery rates changing the targets and/or basis points.

Metric

STS performance and associated incentives will be calculated by determining: (i) a baseline energy efficiency (“EE”) unit cost savings; (ii) to the difference between that baseline and the actual acquired EE savings; and (iii) applying a percent share (30%) to the result. The formula is as follows:

$$STS\ EAM\ (\$)\ =\ (CY_x\ Baseline\ LMMBTu\ Unit\ Cost\ -\ CY_x\ Acquired\ LMMBTu\ Unit\ Cost)\ * \\ CY_x\ Acquired\ LMMBTu\ * 30\%$$

where

$x = 1, 2, 3$, etc. for Calendar Year 1, Calendar Year 2, Calendar Year 3, etc.

$$CY_x\ Baseline\ LMMBTu\ Unit\ Cost = \frac{CY_x\ Baseline\ Budget}{CY_x\ Baseline\ LMMBTu}$$

$CY_x\ Baseline\ Budget$ = The sum of (a) the Company’s total non-LMI budget approved in the January 2020 NE:NY Order and (b) any incremental weatherization budget approved by the Commission in the annual Downstate Demand Side Management filings

$$CY_x\ Baseline\ LMMBTu = CY_x\ Baseline\ AMMBtu * Portfolio\ EUL$$

$CY_x\ Baseline\ AMMBtu$ = The sum of (a) the Company’s annual energy savings target approved in the January 2020 NE:NY Order and (b) any incremental weatherization energy savings target approved in the annual Downstate Demand Side Management filings

$Portfolio\ EUL$ = The Company’s portfolio-level Effective Useful Life in the year prior to CY_x , as determined by the applicable

Technical Resources Manual (“TRM”), and utilizing a verified gross savings methodology¹

$$CY_x \text{ Acquired LMMBtu Unit Cost} = \frac{CY_x \text{ Actual Expenditures}}{CY_x \text{ Acquired LMMBtu}}$$

CY_x Actual Expenditures = The Company’s total expenditures on its energy efficiency portfolio in CY_x, exclusive of LMI and HEAT programs

CY_x Acquired LMMBtu = CY_x Acquired AMMBtu * CY_x Portfolio EUL

CY_x Acquired AMMBtu = The Company’s acquired annual verified gross energy savings, exclusive of savings from LMI and HEAT programs, as reported in the Company’s year-end scorecard

CY_x Portfolio EUL = The Company’s portfolio EUL, as determined by the applicable TRM at the time the savings are acquired, and utilizing a verified gross savings methodology²

LMI & HEAT programs = the portfolio of programs established in the Statewide Implementation plan (see Section 2.2 below)

Target

This EAM is computed formulaically, per the Metric above, and as such has no minimum, midpoint, or maximum targets.

Achievement and basis points

Achievement is based on the formula detailed in the “Metric” section above. To account for the shifting of funds between years, the threshold for qualifying to collect the STS EAM shall be achievement of the annual NE:NY target (excluding LMI and HEAT programs) plus the cumulative over- or under-performance divided by the remaining number of years in the NE:NY period (2019-2025). If the Commission authorizes additional budgets and/or targets, the EAM calculation, including the threshold for qualification, should be updated accordingly.

¹ For measures and programs where verified gross savings studies have not been completed, there may need to be adjustments in future years to the portfolio EUL as those studies are completed. Also, the baseline EUL would be recalculated using the EULs associated with the updated TRM version in effect for the year in which performance is being measured, so that the baseline and actuals are compared on a like-to-like basis. *E.g.*, if the TRM EUL of a boiler replacement changes during 2021, the associated EUL for all boiler replacements in 2020 would be recalculated based on that updated EUL.

² See note 1 above.

2.2 Low & Moderate Income Customer Savings

Description

The Low & Moderate Income (“LMI”) Customer Savings EAM incentivizes the Company to exceed the cumulative annual savings targets for its LMI portfolio, as defined in the 2020 Statewide Implementation Plan.

The term for the LMI EAM is measured as the cumulative performance over a three-year period, and as such its performance will be measured through the entirety of CY 2021 through CY 2023.

Metric

The LMI EAM metric is based on the sum of annual Dth savings targets for the Company’s LMI energy efficiency portfolio (inclusive of the HEAT program) over a three-year term. Annual targets for the LMI portfolios have been established in the 2020 Statewide Implementation Plan.

Where:

LMI Baseline = the sum of the Company’s annual Dth targets for calendar years 2021-2023 as outlined in the 2020 Statewide Implementation Plan

Acquired LMI ADth Savings = the sum of acquired annual verified gross energy savings (measured in Dth) of the Company’s LMI portfolio (inclusive of the HEAT program³)

Target

The targets for achievement will be as follows:

$$LMI\ Min = LMI\ Baseline * 105\%$$

$$LMI\ Mid = LMI\ Baseline * 115\%$$

$$LMI\ Max = LMI\ Baseline * 145\%$$

Achievement and basis points

Achievement will be based on the targets as outlined above, with a linear scale between minimum and midpoint basis points, and between midpoint and maximum basis points. Potential basis points are as follows:

³ See *Statewide Low- and Moderate-Income Portfolio Implementation Plan* (July 24, 2020, Case 18-M-0084 & 14-M-0094), p. 71.

LMI Metric - KEDLI	Basis Points	Dollars (\$000s)
Minimum (<i>BP Min</i>)	2	\$504
Midpoint (<i>BP Mid</i>)	5	\$1,262
Maximum (<i>BP Max</i>)	10	\$2,524

a) If LMI Acquired < LMI Min, $BP_{\text{awarded}} = 0$

b) If LMI Mid > LMI Acquired \geq LMI Min,

$$BP_{\text{awarded}} = BP \text{ Min} + (\text{Min/Mid Slope}) * (\text{LMI Acquired} - \text{LMI Min})$$

$$\text{Min/Mid Slope} = \frac{BP \text{ Mid} - BP \text{ Min}}{\text{LMI Acquired} - \text{LMI Min}}$$

c) If LMI Max > LMI Acquired \geq LMI Mid,

$$BP_{\text{awarded}} = BP \text{ Mid} + (\text{Mid/Max Slope}) * (\text{LMI Acquired} - \text{LMI Mid})$$

$$\text{Mid/Max Slope} = \frac{BP \text{ Max} - BP \text{ Mid}}{\text{LMI Acquired} - \text{LMI Mid}}$$

d) If LMI Acquired \geq LMI Max, $BP_{\text{awarded}} = BP \text{ Max}$

If the Commission authorizes additional budgets and/or targets, the EAM calculation, including the threshold for qualification, should be updated accordingly.

3.0 EAM REPORTING REQUIREMENTS

The Company will file annual EAM reports with the Secretary no later than April 15 of each year setting forth the Company's performance relative to each EAM metric target, savings and benefits achieved, and calculations for incentives earned, including proration of any incentives related to metric achievement between the minimum, midpoint, and the maximum target levels, and explanations for any targets not achieved. The Company will also file with the Secretary a mid -year report no later than October 15 each year to describe the Company's progress toward each EAM's metric target, the actions taken by the Company to achieve target performance, and a forecast of whether the Company expects to meet its annual EAM targets.

Moreover, the Company will file an initial EAM report on its Rate Year 1 performance on the Gas Peak Reduction metric no later than 30 days after approval of this Joint

4.0 RECOVERY OF EAM POSITIVE REVENUE ADJUSTMENTS

If the Company achieves earnings on the Gas Peak Reduction EAM during the Rate Year 1 winter season, it will be permitted to earn EAM positive revenue adjustments through gas surcharges within 30 days of the issuance of a Commission order adopting the terms of this Joint Proposal. The Company will be permitted to recover earned EAM positive revenue adjustments for all other EAMs through gas surcharges beginning May 1, 2022, as set forth in Sections IV.3.12, IV.3.20, IV.7.8 of the Joint Proposal.

Keyspan Gas East Corporation d/b/a National Grid
Service Company Rents IT and GBE Program Net Plant and Depreciation Expense Reconciliation Mechanism
Revenue Requirement Target
For the Rate Years Ending March 31, 2021, March 31, 2022 and March 31, 2023

	Rate Year Ending March 31, 2021		
	Total Revenue Requirement Target	Gas Revenue Requirement Return (a)	Gas Revenue Requirement Depreciation (b)
Forecast included in Revenue Requirement Settlement		\$ 1,960,038	\$ 9,159,283
Total Revenue Requirement Target	<u>\$ 11,119,321</u>	<u>\$ 1,960,038</u>	<u>\$ 9,159,283</u>
*Estimated Actual Results		\$ 2,000,000	\$ 9,300,000
Total Revenue Requirement Actuals	<u>\$ 11,300,000</u>	<u>\$ 2,000,000</u>	<u>\$ 9,300,000</u>
Actuals higher/(lower) than Target	<u>\$ 180,679</u>		

	Rate Year Ending March 31, 2022		
	Total Revenue Requirement Target	Gas Revenue Requirement Return (a)	Gas Revenue Requirement Depreciation (b)
Forecast included in Revenue Requirement Settlement		\$ 2,738,938	\$ 14,762,278
Total Revenue Requirement Target	<u>\$ 17,501,216</u>	<u>\$ 2,738,938</u>	<u>\$ 14,762,278</u>
*Estimated Actual Results		\$ 3,350,000	\$ 15,800,000
Total Revenue Requirement Actuals	<u>\$ 19,150,000</u>	<u>\$ 3,350,000</u>	<u>\$ 15,800,000</u>
Actuals higher/(lower) than Target	<u>\$ 1,648,784</u>		

	Rate Year Ending March 31, 2023		
	Total Revenue Requirement Target	Gas Revenue Requirement Return (a)	Gas Revenue Requirement Depreciation (b)
Forecast included in Revenue Requirement Settlement		\$ 4,755,866	\$ 15,698,989
Total Revenue Requirement Target	<u>\$ 20,454,856</u>	<u>\$ 4,755,866</u>	<u>\$ 15,698,989</u>
*Estimated Actual Results		\$ 3,350,000	\$ 14,689,000
Total Revenue Requirement Actuals	<u>\$ 18,039,000</u>	<u>\$ 3,350,000</u>	<u>\$ 14,689,000</u>
Actuals higher/(lower) than Target	<u>\$ (2,415,856)</u>		

3 Year Cumulative Revenue Requirement Actuals	\$ 48,489,000
3 Year Cumulative Revenue Requirement Target	\$ 49,075,393
3 Year Cumulative Actuals higher/(lower) than Target	<u>\$ (586,393)</u>

Note: Downward only reconciliation - no amounts due from customer if actuals are higher than target
*Actual Revenue Requirement results will be calculated using the SC Rent Model

3/21/2022
Inventory of the Company's Assets
Schedule of Assets and Liabilities, allocated to Operating Companies on Roll Expense

Line Description	Account Balance	7/29/2021	5/1/2022	3/31/2022	4/1/2022	6/30/2022	7/29/2021	5/1/2022	3/31/2022	4/1/2022	6/30/2022
1. Cash	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
2. Accounts Receivable	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
3. Inventory	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
4. Prepaid Expenses	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
5. Property, Plant, and Equipment	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
6. Intangible Assets	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
7. Other Assets	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
8. Accounts Payable	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)	(300,000)
9. Accrued Liabilities	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)	(200,000)
10. Deferred Tax Liabilities	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)
11. Other Liabilities	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
12. Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000

3/21/2022
Inventory of the Company's Assets

Keyspan Gas East Corporation d/b/a National Grid NY
Customer Connections two way tracker
Example of Customer Connections Revenue Requirement Compared to Rate Allowance

Rate Allowance							Example of Spend Over Rate Allowance							Amount Subject to Deferral (o) - (g)
Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.55% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.93% (Note 3) (f)	Total Revenue Requirement (g)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.55% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l)	Pre - Tax WACC 7.93% (Note 3) (m)	Total Revenue Requirement (n)	
(b) + (d)							(i) + (k)							(n) - (g)
FY 2021														
Mar-2020		0	0	0	0			0	0	0	0	0		
Apr-2020	1,985,915	1,985,915	0	0	1,985,915	13,124	1,352,885	1,352,885	0	0	0	1,352,885	8,940	
May-2020	2,163,220	4,149,135	2,558	-2,558	4,146,577	27,402	1,473,673	2,826,559	1,743	-1,743	2,824,816	18,667		
Jun-2020	2,147,178	6,296,313	5,345	-7,903	6,288,410	41,556	1,462,745	4,289,303	3,641	-5,384	4,283,919	28,310		
Jul-2020	2,082,657	8,378,971	8,111	-16,014	8,362,957	55,265	1,418,790	5,708,094	5,525	-10,909	5,697,184	37,649		
Aug-2020	3,790,952	12,169,923	10,794	-26,807	12,143,116	80,246	2,582,550	8,290,644	7,353	-18,262	8,272,381	54,667		
Sep-2020	2,601,095	14,771,018	15,677	-42,484	14,728,533	97,331	1,771,971	10,062,615	10,680	-28,942	10,033,672	66,306		
Oct-2020	3,642,359	18,413,377	19,028	-61,512	18,351,865	121,275	2,481,322	12,543,937	12,962	-41,905	12,502,032	82,618		
Nov-2020	3,371,525	21,784,902	23,720	-85,232	21,699,670	143,399	2,296,819	14,840,756	16,159	-58,063	14,782,693	97,689		
Dec-2020	2,525,019	24,309,922	28,063	-113,295	24,196,627	159,899	1,720,145	16,560,902	19,118	-77,181	16,483,721	108,930		
Jan-2021	1,530,926	25,840,848	31,316	-144,610	25,696,238	169,809	1,042,929	17,603,830	21,333	-98,514	17,505,316	115,681		
Feb-2021	2,130,359	27,971,207	33,288	-177,898	27,793,309	183,667	1,451,286	19,055,117	22,677	-121,191	18,933,926	125,122		
Mar-2021	3,955,847	31,927,054	36,032	-213,930	31,713,124	209,571	2,694,883	21,750,000	24,546	-145,738	21,604,262	142,768		
	<u>31,927,054</u>	<u>151,169,588</u>	<u>213,930</u>	<u>-63,440</u>	<u>151,104,148</u>	<u>1,302,544</u>	<u>21,750,000</u>	<u>10,334,137</u>	<u>145,738</u>	<u>-44,580</u>	<u>10,289,556</u>	<u>887,346</u>	<u>1,033,083</u>	<u>(483,391)</u>

Rate Allowance							Example of Spend Under Rate Allowance							Amount Subject to Deferral (o) - (g)
Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.56% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.85% (Note 3) (f)	Total Revenue Requirement (g)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.56% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l)	Pre - Tax WACC 7.85% (Note 3) (m)	Total Revenue Requirement (n)	
(b) + (d)							(i) + (k)							(n) - (g)
FY 2022														
Mar-2021		31,927,054		-213,930	31,713,124			21,750,000		-145,738	21,604,262			
Apr-2021	2,023,545	33,950,599	41,519	-255,448	33,695,151	220,422	1,990,452	23,740,452	28,284	-174,022	23,566,430	154,164		
May-2021	2,204,210	36,154,809	44,150	-299,598	35,855,211	234,553	2,168,163	25,908,615	30,873	-30,873	25,877,742	169,284		
Jun-2021	2,187,864	38,342,673	47,016	-346,615	37,996,058	248,558	2,152,084	28,060,699	33,692	-64,565	27,996,135	183,141		
Jul-2021	2,122,120	40,464,793	49,862	-396,476	40,068,317	262,114	2,087,416	30,148,115	36,491	-101,055	30,047,059	196,558		
Aug-2021	3,862,785	44,327,578	52,621	-449,097	43,878,481	287,038	3,799,614	33,947,728	39,205	-140,260	33,807,468	221,157		
Sep-2021	2,650,382	46,977,960	57,644	-506,742	46,471,218	303,999	2,607,038	36,554,766	44,146	-184,407	36,370,360	237,923		
Oct-2021	3,711,376	50,689,336	61,091	-567,833	50,121,504	327,878	3,650,681	40,205,448	47,537	-231,943	39,973,504	261,493		
Nov-2021	3,435,410	54,124,747	65,917	-633,750	53,490,997	349,920	3,379,228	43,584,676	52,284	-284,227	43,300,449	283,257		
Dec-2021	2,572,865	56,697,611	70,385	-704,135	55,993,476	366,291	2,530,789	46,115,464	56,678	-340,905	45,774,559	299,442		
Jan-2022	1,559,935	58,257,546	73,731	-777,866	57,479,681	376,013	1,534,424	47,649,888	59,969	-400,875	47,249,014	309,087		
Feb-2022	2,170,726	60,428,272	75,759	-853,625	59,574,647	389,717	2,135,226	49,785,114	61,965	-462,840	49,322,275	322,650		
Mar-2022	4,030,805	64,459,077	78,582	-932,207	63,526,870	415,572	3,964,886	53,750,000	64,741	-527,581	53,222,419	348,163		
	<u>32,532,023</u>	<u>47,384,083</u>	<u>718,277</u>	<u>-530,354</u>	<u>46,853,728</u>	<u>3,782,075</u>	<u>32,000,000</u>	<u>36,954,247</u>	<u>555,865</u>	<u>-229,386</u>	<u>36,724,861</u>	<u>2,986,319</u>	<u>3,542,185</u>	<u>(958,168)</u>

Rate Allowance							Example of Spend Over Rate Allowance							Amount Subject to Deferral (o) - (g)
Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.57% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.82% (Note 3) (f)	Total Revenue Requirement (g)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.57% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l)	Pre - Tax WACC 7.82% (Note 3) (m)	Total Revenue Requirement (n)	
(b) + (d)							(i) + (k)							(n) - (g)
FY 2023														
Mar-2022		64,459,077		-932,207	63,526,870			53,750,000		-527,581	53,222,419			
Apr-2022	2,017,699	66,476,776	84,147	-1,016,354	65,460,422	426,584	1,803,847	55,553,847	70,167	-597,748	54,956,099	358,131		
May-2022	2,197,842	68,674,618	86,781	-1,103,135	67,571,483	440,341	1,964,897	57,518,745	72,522	-72,522	57,446,223	374,358		
Jun-2022	2,181,544	70,856,162	89,650	-1,192,786	69,663,376	453,973	1,950,326	59,469,071	75,087	-147,609	59,321,462	386,578		
Jul-2022	2,115,990	72,972,152	92,498	-1,285,284	71,686,868	467,159	1,891,720	61,360,791	77,633	-225,242	61,135,549	398,400		
Aug-2022	3,851,626	76,823,778	95,261	-1,380,545	75,443,233	491,638	3,443,400	64,804,191	80,103	-305,345	64,498,846	420,317		
Sep-2022	2,642,725	79,466,503	100,289	-1,480,833	77,985,670	508,207	2,362,628	67,166,819	84,598	-389,943	66,776,877	435,163		
Oct-2022	3,700,655	83,167,158	103,739	-1,584,572	81,582,586	531,647	3,308,430	70,475,249	87,682	-477,625	69,997,625	456,151		
Nov-2022	3,425,486	86,592,644	108,569	-1,693,141	84,899,502	553,262	3,062,426	73,537,675	92,001	-569,626	72,968,049	475,508		
Dec-2022	2,565,432	89,158,076	113,041	-1,806,182	87,351,893	569,243	2,293,527	75,831,202	95,999	-665,625	75,165,577	489,829		
Jan-2023	1,555,429	90,713,504	116,390	-1,922,573	88,790,931	578,621	1,390,572	77,221,774	98,993	-764,618	76,457,156	498,246		
Feb-2023	2,164,455	92,877,959	118,421	-2,040,993	90,836,965	591,954	1,935,049	79,156,822	100,808	-865,426	78,291,397	510,199		
Mar-2023	4,019,160	96,897,119	121,246	-2,162,240	94,734,879	617,356	3,593,178	82,750,000	103,334	-968,760	81,781,240	532,941		
	<u>32,438,043</u>	<u>79,871,452</u>	<u>1,230,033</u>	<u>-1,504,468</u>	<u>78,366,984</u>	<u>6,229,984</u>	<u>29,000,000</u>	<u>67,528,849</u>	<u>1,038,927</u>	<u>-485,792</u>	<u>67,043,057</u>	<u>5,335,821</u>	<u>6,374,748</u>	<u>(1,085,269)</u>

Keyspan Gas East Corporation d/b/a National Grid NY
Customer Connections two way tracker
Example of Customer Connections Revenue Requirement Compared to Rate Allowance

FY 2024	Rate Allowance						Example of Spend Under Rate Allowance						Amount Subject to Deferral (o)		
	Capital Expend. Closes To Plant In-Service (Note 1) (a)	Plant Balance (b)	Depreciation Expense 1.57% (Note 2) (c)	Accumulated Depreciation Reserve Balance (d)	Net Utility Plant (e)	Pre - Tax WACC 7.82% (Note 3) (f)	Total Revenue Requirement (g)	Capital Expend. Closes To Plant In-Service (Note 1) (h)	Plant Balance (i)	Depreciation Expense 1.57% (Note 2) (j)	Accumulated Depreciation Reserve Balance (k)	Net Utility Plant (l)		Pre - Tax WACC 7.82% (Note 3) (m)	Total Revenue Requirement (n)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Mar-2023		96,897,119		-2,162,240	94,734,879				82,750,000		-968,760	81,781,240			
Apr-2023	2,058,053	98,955,172	126,493	-2,288,733	96,666,439	629,943		1,839,924	84,589,924	108,025	-1,076,785	83,513,139	544,227		
May-2023	2,241,799	101,196,971	129,180	-2,417,913	98,779,059	643,710		2,004,195	86,594,120	110,427	-1,104,272	86,489,848	563,585		
Jun-2023	2,225,175	103,422,146	132,106	-2,550,019	100,872,127	657,350		1,989,333	88,583,453	113,043	-223,470	88,359,983	575,813		
Jul-2023	2,158,310	105,580,456	135,011	-2,685,030	102,895,426	670,535		1,929,555	90,513,008	115,640	-339,110	90,173,897	587,633		
Aug-2023	3,928,659	109,509,115	137,829	-2,822,859	106,686,256	695,239		3,512,268	94,025,276	118,159	-457,269	93,568,006	609,752		
Sep-2023	2,695,580	112,204,694	142,957	-2,965,816	109,238,878	711,873		2,409,881	96,435,156	122,744	-580,013	95,855,143	624,656		
Oct-2023	3,774,668	115,979,362	146,476	-3,112,292	112,867,070	735,517		3,374,599	99,809,755	125,890	-705,903	99,103,851	645,827		
Nov-2023	3,493,996	119,473,358	151,404	-3,263,696	116,209,662	757,300		3,123,674	102,933,429	130,295	-836,199	102,097,230	665,334		
Dec-2023	2,616,741	122,090,099	155,965	-3,419,661	118,670,438	773,336		2,339,398	105,272,827	134,373	-970,572	104,302,255	679,703		
Jan-2024	1,586,537	123,676,636	159,381	-3,579,042	120,097,594	782,636		1,418,383	106,691,210	137,427	-1,107,999	105,583,211	688,051		
Feb-2024	2,207,744	125,884,380	161,452	-3,740,494	122,143,886	795,971		1,973,750	108,664,960	139,279	-1,247,278	107,417,682	700,005		
Mar-2024	4,099,544	129,983,923	164,334	-3,904,828	126,079,095	821,615		3,665,041	112,330,001	141,855	-1,389,133	110,940,868	722,965		
	<u>33,086,804</u>	<u>112,617,743</u>	<u>1,742,588</u>	<u>-2,989,924</u>	<u>109,627,819</u>	<u>8,675,025</u>	<u>10,417,614</u>	<u>21,000,000</u>	<u>96,804,426</u>	<u>1,497,158</u>	<u>-736,164</u>	<u>96,068,262</u>	<u>7,607,550</u>	<u>9,104,708</u>	<u>(1,312,906)</u>

- 1) Revenue requirement assumes capital expenditures are placed in-service in the month spent.
- 2) Depreciation is based on existing composite depreciation rates for Meters/Hse Reg and Mains/Services, based on 12/31/2018 plant balances weighted for capex forecast.
- 3) Utilizes pre-tax WACC by fiscal year with a ROE of 8.8%.
- 4) The FY 2021 incremental/under spend will be rolled forward to the FY 2022, FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- 5) The FY 2022 incremental/under spend will be rolled forward to the FY 2023 and FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.
- 6) The FY 2023 incremental/under spend will be rolled forward to the FY 2024 deferral, calculating a return on the net plant investment and associated depreciation expense.

Keyspan Gas East Corporation d/b/a National Grid NY
Capital Expenditures (CAPEX) and Cost of Removal
Based on CAPEX Budget Classifications
(\$000's)

<u>Customer Connections:</u>	FY2021	FY2022	FY2023	FY2024
Customer Connections - Install Main	12,744	12,491	11,861	12,098
Customer Connections - Install Services	19,215	18,659	19,051	19,432
Customer Connections - Customer Contributions	(3,225)	(2,250)	(2,250)	(2,295)
Customer Connections - Meter Purchases	1,303	1,318	1,389	1,417
Customer Connections - Install Meter/Regulator	1,228	1,479	1,526	1,556
Customer Connections - Automatic Meter Reading (AMR)	662	835	862	879
	<u>31,927</u>	<u>32,532</u>	<u>32,438</u>	<u>33,087</u>
Mains & Svc	28,735	28,900	28,662	29,235
Meters/Hse Reg	<u>3,192</u>	<u>3,632</u>	<u>3,776</u>	<u>3,852</u>
	31,927	32,532	32,438	33,087
Mains & Svc Depreciation Rates	1.42%	90%	89%	88%
Meters/Hse Reg Depreciation Rates	2.68%	10%	11%	12%
	100%	100%	100%	100%
Weighted Composite Depreciation Rate for Customer Connections	1.55%	1.56%	1.57%	1.57%

Keyspan Gas East Corporation d/b/a National Grid
Distribution Demand Response - Illustrative Example
(Whole Dollars)

<u>Line #</u>		<u>FY22</u>	<u>FY23</u>	<u>FY24</u>
1	Demand Response Costs	\$ 719,900	\$ 814,400	\$ 1,004,000
2	Rate Allowance	-	-	-
3	Amount Deferred (to be Recovered Through Surcharge)	<u>\$ 719,900</u>	<u>\$ 814,400</u>	<u>\$ 1,004,000</u>
Recovery Through Demand Response O&M Component of the DRA Surcharge				
4	Amount Rollforward to next year	719,900	814,400	1,004,000
5	Carrying Cost on Roll-over	59,779	67,627	83,371
6	Amount included in Present Year As-spent	-	779,679	882,027
7	Total Recovered During the Year	<u>\$ -</u>	<u>\$ 779,679</u>	<u>\$ 882,027</u>

Line # Notes

- 3 Line 1 - Line 2
- 4 Line 3
- 5 Carrying cost calculated on compounded monthly balance over 2 years - See Pages 2 through 4
- 6 FY22 N/A; FY23 & FY24 Prior Year Line 4 + Line 5
- 7 Line 6

Keyspan Gas East Corporation d/b/a National Grid
Distribution Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2022 Example

Pre-tax WACC		7.8504%		0.6542%	Monthly pre-tax WAAC
Roll-Forward Amount	\$	719,900	\$	59,992	Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation

[A] Period	[B] Starting Balance	[C] Monthly Activity	[D] = [B] + [C] Adjusted Balance	[E] Interest Rate	[F] = [D] + [E] Interest	[G] Interest to Date	[H] = [D] + [F] Ending Balance
1	\$ -	\$ 59,992	\$ 59,992	0.65%	\$ 392	\$ 392	\$ 60,384
2	60,384	59,992	120,376	0.65%	787	1,180	121,163
3	121,163	59,992	181,155	0.65%	1,185	2,365	182,340
4	182,340	59,992	242,332	0.65%	1,585	3,950	243,917
5	243,917	59,992	303,909	0.65%	1,988	5,939	305,897
6	305,897	59,992	365,889	0.65%	2,394	8,332	368,282
7	368,282	59,992	428,274	0.65%	2,802	11,134	431,076
8	431,076	59,992	491,067	0.65%	3,213	14,346	494,280
9	494,280	59,992	554,271	0.65%	3,626	17,973	557,898
10	557,898	59,992	617,889	0.65%	4,042	22,015	621,931
11	621,931	59,992	681,923	0.65%	4,461	26,476	686,384
12	686,384	59,992	746,376	0.65%	4,883	31,359	751,259
13	751,259	(62,605)	688,654	0.65%	4,505	35,864	693,159
14	693,159	(62,605)	630,554	0.65%	4,125	39,989	634,679
15	634,679	(62,605)	572,074	0.65%	3,742	43,731	575,817
16	575,817	(62,605)	513,212	0.65%	3,357	47,089	516,569
17	516,569	(62,605)	453,964	0.65%	2,970	50,059	456,934
18	456,934	(62,605)	394,329	0.65%	2,580	52,638	396,909
19	396,909	(62,605)	334,304	0.65%	2,187	54,825	336,491
20	336,491	(62,605)	273,886	0.65%	1,792	56,617	275,678
21	275,678	(62,605)	213,073	0.65%	1,394	58,011	214,467
22	214,467	(62,605)	151,862	0.65%	993	59,004	152,856
23	152,856	(62,605)	90,251	0.65%	590	59,595	90,841
24	90,841	(62,605)	28,236	0.65%	185	59,779	28,421

Keyspan Gas East Corporation d/b/a National Grid
Distribution Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2023 Example

Pre-tax WACC		7.8204%		0.6517%	Monthly pre-tax WAAC
Roll-Forward Amount	\$	814,400	\$	67,867	Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 67,867	\$ 67,867	0.65%	\$ 444	\$ 444	\$ 68,311
2	68,311	67,867	136,177	0.65%	891	1,335	137,068
3	137,068	67,867	204,935	0.65%	1,341	2,676	206,276
4	206,276	67,867	274,142	0.65%	1,793	4,469	275,936
5	275,936	67,867	343,802	0.65%	2,249	6,718	346,051
6	346,051	67,867	413,918	0.65%	2,708	9,426	416,626
7	416,626	67,867	484,493	0.65%	3,170	12,595	487,662
8	487,662	67,867	555,529	0.65%	3,634	16,230	559,163
9	559,163	67,867	627,030	0.65%	4,102	20,332	631,132
10	631,132	67,867	698,998	0.65%	4,573	24,905	703,571
11	703,571	67,867	771,438	0.65%	5,047	29,951	776,485
12	776,485	67,867	844,351	0.65%	5,524	35,475	849,875
13	849,875	(70,823)	779,052	0.65%	5,097	40,572	784,149
14	784,149	(70,823)	713,326	0.65%	4,667	45,238	717,992
15	717,992	(70,823)	647,169	0.65%	4,234	49,472	651,403
16	651,403	(70,823)	580,580	0.65%	3,798	53,270	584,378
17	584,378	(70,823)	513,555	0.65%	3,360	56,630	516,915
18	516,915	(70,823)	446,092	0.65%	2,918	59,548	449,010
19	449,010	(70,823)	378,188	0.65%	2,474	62,022	380,662
20	380,662	(70,823)	309,839	0.65%	2,027	64,049	311,866
21	311,866	(70,823)	241,043	0.65%	1,577	65,626	242,620
22	242,620	(70,823)	171,797	0.65%	1,124	66,750	172,921
23	172,921	(70,823)	102,098	0.65%	668	67,418	102,766
24	102,766	(70,823)	31,943	0.65%	209	67,627	32,152

Keyspan Gas East Corporation d/b/a National Grid
Distribution Demand Response Carrying Charge - Illustrative Example
(Whole Dollars)

Fiscal 2024 Example

Pre-tax WACC 7.8204% 0.6517% Monthly pre-tax WAAC
Roll-Forward Amount \$ 1,004,000 \$ 83,667 Monthly Roll-Forward Amount

Monthly Carrying Charge Calculation							
[A]	[B]	[C]	[D] = [B] + [C]	[E]	[F] = [D] + [E]	[G]	[H] = [D] + [F]
Period	Starting Balance	Monthly Activity	Adjusted Balance	Interest Rate	Interest	Interest to Date	Ending Balance
1	\$ -	\$ 83,667	\$ 83,667	0.65%	\$ 547	\$ 547	\$ 84,214
2	84,214	83,667	167,881	0.65%	1,098	1,646	168,979
3	168,979	83,667	252,646	0.65%	1,653	3,298	254,298
4	254,298	83,667	337,965	0.65%	2,211	5,509	340,176
5	340,176	83,667	423,843	0.65%	2,773	8,282	426,615
6	426,615	83,667	510,282	0.65%	3,338	11,620	513,620
7	513,620	83,667	597,287	0.65%	3,907	15,528	601,194
8	601,194	83,667	684,861	0.65%	4,480	20,008	689,341
9	689,341	83,667	773,008	0.65%	5,057	25,065	778,065
10	778,065	83,667	861,732	0.65%	5,637	30,703	867,369
11	867,369	83,667	951,036	0.65%	6,222	36,924	957,258
12	957,258	83,667	1,040,924	0.65%	6,810	43,734	1,047,734
13	1,047,734	(87,311)	960,423	0.65%	6,283	50,017	966,706
14	966,706	(87,311)	879,395	0.65%	5,753	55,770	885,148
15	885,148	(87,311)	797,836	0.65%	5,219	60,989	803,056
16	803,056	(87,311)	715,745	0.65%	4,682	65,672	720,427
17	720,427	(87,311)	633,116	0.65%	4,142	69,814	637,258
18	637,258	(87,311)	549,947	0.65%	3,598	73,411	553,544
19	553,544	(87,311)	466,233	0.65%	3,050	76,461	469,283
20	469,283	(87,311)	381,972	0.65%	2,499	78,960	384,471
21	384,471	(87,311)	297,160	0.65%	1,944	80,904	299,104
22	299,104	(87,311)	211,793	0.65%	1,386	82,290	213,178
23	213,178	(87,311)	125,867	0.65%	823	83,113	126,690
24	126,690	(87,311)	39,379	0.65%	258	83,371	39,637

Appendix 8

Title	Chapter	Subchapter	Part	Section	Subdivision	Description	Risk
16	III	C	255	14	(a)	Conversion to Service Subject to this Part	High
16	III	C	255	14	(b)	Conversion to Service Subject to this Part	Other
16	III	C	255	17	All	Preservation of Records	Other
16	III	C	255	53	All	Materials - General	High
16	III	C	255	65	All	Materials - Transportation of Pipe	High
16	III	C	255	103	All	Pipe Design - General	High
16	III	C	255	143	All	Design of Pipeline Components - General Requirements	High
16	III	C	255	159	All	Design of Pipeline Components - Flexibility	High
16	III	C	255	161	All	Design of Pipeline Components - Supports and Anchors	High
16	III	C	255	163	All	Compressor Stations - Design and Construction	Other
16	III	C	255	165	All	Compressor Stations - Liquid Removal	Other
16	III	C	255	167	All	Compressor Stations - Emergency Shutdown	High
16	III	C	255	169	All	Compressor Stations - Pressure Limiting Devices	High
16	III	C	255	171	All	Compressor Stations - Additional Safety Equipment	Other
16	III	C	255	173	All	Compressor Stations - Ventilation	High
16	III	C	255	179	All	Valves on Pipelines to Operate at 125 PSIG (862 kPa) or More	High
16	III	C	255	181	All	Distribution Line Valves	High
16	III	C	255	183	All	Vaults - Structural Design Requirements	High
16	III	C	255	185	All	Vaults - Accessibility	Other
16	III	C	255	187	All	Vaults - Sealing, Venting, and Ventilation	Other
16	III	C	255	189	All	Vaults - Drainage and Waterproofing	High
16	III	C	255	190	All	Calorimeter or Calorimeter Structures	Other
16	III	C	255	191	All	Design Pressure of Plastic Fittings	Other
16	III	C	255	193	All	Valve Installation in Plastic Pipe	Other
16	III	C	255	195	All	Protection Against Accidental Overpressuring	High
16	III	C	255	197	All	Control of the Pressure of Gas Delivered from High Pressure Distribution Systems	High
16	III	C	255	199	All	Requirements for Design of Pressure Relief and Limiting Devices	High
16	III	C	255	201	All	Required Capacity of Pressure Relieving and Limiting Stations	High
16	III	C	255	203	All	Instrument, Control, and Sampling Piping and Components	Other
16	III	C	255	225	All	Qualification of Welding Procedures	High
16	III	C	255	227	All	Qualification of Welders	High
16	III	C	255	229	All	Limitations On Welders	Other
16	III	C	255	230	All	Quality Assurance Program	Other
16	III	C	255	231	All	Welding - Protection from Weather	High
16	III	C	255	233	All	Welding - Miter Joints	High
16	III	C	255	235	All	Preparation for Welding	High
16	III	C	255	237	All	Welding - Preheating	Other
16	III	C	255	239	All	Welding - Stress Relieving	Other
16	III	C	255	241	(a), (b)	Inspection and Test of Welds	High
16	III	C	255	241	(c)	Inspection and Test of Welds	Other
16	III	C	255	243	(a), (b), (c), (d), (e)	Nondestructive Testing - Pipeline to Operate at 125 PSIG (862 kPa) or More	High
16	III	C	255	243	(f)	Nondestructive Testing - Pipeline to Operate at 125 PSIG (862 kPa) or More	Other
16	III	C	255	244	All	Welding Inspector	High
16	III	C	255	245	All	Welding - Repair or Removal of Defects	High
16	III	C	255	273	All	Joining of Materials other than by Welding - General	High
16	III	C	255	279	All	Joining of Materials other than by Welding - Copper Pipe	High
16	III	C	255	281	All	Joining of Materials other than by Welding - Plastic Pipe	High
16	III	C	255	283	All	Plastic Pipe - Qualifying Joining Procedures	Other
16	III	C	255	285	(a), (b), (d)	Plastic Pipe - Qualifying Persons to make Joints	High
16	III	C	255	285	(c), (e)	Plastic Pipe - Qualifying Persons to make Joints	Other
16	III	C	255	287	All	Plastic Pipe - Inspection of Joints	Other
16	III	C	255	302	All	Notification Requirements	High
16	III	C	255	303	All	Compliance with Construction Standards	High
16	III	C	255	305	All	Inspection - General	High
16	III	C	255	307	All	Inspection of Materials	High
16	III	C	255	309	All	Repair of Steel Pipe	High
16	III	C	255	311	All	Repair of Plastic Pipe	High
16	III	C	255	313	(a), (b), (c)	Bends and Elbows	High
16	III	C	255	313	(d)	Bends and Elbows	Other
16	III	C	255	315	All	Wrinkle Bends in Steel Pipe	High
16	III	C	255	317	All	Protection from Hazards	Other
16	III	C	255	319	All	Installation of Pipe in a Ditch	Other
16	III	C	255	321	All	Installation of Plastic Pipe	High
16	III	C	255	323	All	Casing	Other
16	III	C	255	325	All	Underground Clearance	High
16	III	C	255	327	All	Cover	Other
16	III	C	255	353	All	Customer Meters and Regulators - Location	Other
16	III	C	255	355	All	Customer Meters and Regulators - Protection from Damage	Other
16	III	C	255	357	(a), (b), (c)	Customer Meters and Service Regulators - Installation	Other
16	III	C	255	357	(d)	Customer Meters and Service Regulators - Installation	High
16	III	C	255	359	All	Customer Meter Installations - Operating Pressure	Other
16	III	C	255	361	(a), (b), (c), (d)	Service Lines - Installation	Other
16	III	C	255	361	(e), (f), (g), (h), (i)	Service Lines - Installation	High
16	III	C	255	363	All	Service Lines - Valve Requirements	Other
16	III	C	255	365	(a), (c)	Service Lines - Location of Valves	Other
16	III	C	255	365	(b)	Service Lines - Location of Valves	High
16	III	C	255	367	All	Service Lines - General Requirements for Connections	Other
16	III	C	255	369	All	Service Lines - Connections to Cast Iron or Ductile Iron Mains	Other
16	III	C	255	371	All	Service Lines - Steel	Other
16	III	C	255	373	All	Service Lines - Cast Iron and Ductile Iron	Other
16	III	C	255	375	All	Service Lines - Plastic	Other
16	III	C	255	377	All	Service Lines - Copper	Other
16	III	C	255	379	All	New Service Lines not in Use	Other
16	III	C	255	381	All	Service Lines - Excess Flow Valve Performance Standards	Other
16	III	C	255	455	(a)	External Corrosion Control - Buried or Submerged Pipelines Installed after July 31, 1971	Other
16	III	C	255	455	(d), (e)	External Corrosion Control - Buried or Submerged Pipelines Installed after July 31, 1971	High
16	III	C	255	457	All	External Corrosion Control - Buried or Submerged Pipelines Installed before July 31, 1971	High
16	III	C	255	459	All	External Corrosion Control - Examination of Buried Pipeline when Exposed	Other
16	III	C	255	461	(a), (b), (d), (e), (f), (g)	External Corrosion Control - Protective Coating	Other
16	III	C	255	461	(c)	External Corrosion Control - Protective Coating	High
16	III	C	255	463	All	External Corrosion Control - Cathodic Protection	High
16	III	C	255	465	(a), (e)	External Corrosion Control - Monitoring	High
16	III	C	255	465	(b), (c), (d), (f)	External Corrosion Control - Monitoring	Other
16	III	C	255	467	All	External Corrosion Control - Electrical Isolation	Other
16	III	C	255	469	All	External Corrosion Control - Test Stations	Other
16	III	C	255	471	All	External Corrosion Control - Test Leads	Other
16	III	C	255	473	All	External Corrosion Control - Interference Currents	Other
16	III	C	255	475	All	Internal Corrosion Control - General	Other
16	III	C	255	476	(a), (c)	Internal Corrosion Control - Design and Construction of Transmission Line	High
16	III	C	255	476	(d)	Internal Corrosion Control - Design and Construction of Transmission Line	Other
16	III	C	255	479	All	Atmospheric Corrosion Control - General	Other

16	III	C	255	481	All	Atmospheric Corrosion Control - Monitoring	Other
16	III	C	255	483	All	Remedial Measures - General	High
16	III	C	255	485	(a), (b)	Remedial Measures - Transmission Lines	High
16	III	C	255	485	(c)	Remedial Measures - Transmission Lines	Other
16	III	C	255	487	All	Remedial Measures - Distribution Lines other than Cast Iron or Ductile Iron Lines	Other
16	III	C	255	489	All	Remedial Measures - Cast Iron and Ductile Iron Pipelines	Other
16	III	C	255	490	All	Direct Assessment	Other
16	III	C	255	491	All	Corrosion Control Records	Other
16	III	C	255	503	All	Test Requirements - General	Other
16	III	C	255	505	(a), (b), (c), (d)	Strength Test Requirements for Steel Pipelines to Operate at 125 PSIG (862 kPa) or More	High
16	III	C	255	505	(e), (h), (i)	Strength Test Requirements for Steel Pipelines to Operate at 125 PSIG (862 kPa) or More	Other
16	III	C	255	507	All	Test Requirements for Pipelines to Operate at less than 125 PSIG (862 kPa)	Other
16	III	C	255	511	All	Test Requirements for Service Lines	Other
16	III	C	255	515	All	Environmental Protection and Safety Requirements	Other
16	III	C	255	517	All	Test Requirements - Records	Other
16	III	C	255	552	All	Upgrading / Conversion - Notification Requirements	Other
16	III	C	255	553	(a), (b), (c), (f)	Upgrading / Conversion - General Requirements	High
16	III	C	255	553	(d), (e)	Upgrading / Conversion - General Requirements	Other
16	III	C	255	555	All	Upgrading to a Pressure of 125 PSIG (862 kPa) or More in Steel Pipelines	High
16	III	C	255	557	All	Upgrading to a Pressure Less than 125 PSIG (862 kPa)	High
16	III	C	255	603	All	Operations - General Provisions	High
16	III	C	255	604	All	Operator Qualification	High
16	III	C	255	605	All	Essentials of Operating and Maintenance Plan	High
16	III	C	255	609	All	Change in Class Location - Required Study	High
16	III	C	255	611	(a), (d)	Change in Class Location - Confirmation or Revision of Maximum Allowable Operating Pressure	Other
16	III	C	255	613	All	Continuing Surveillance	Other
16	III	C	255	614	All	Damage Prevention Program	High
16	III	C	255	615	All	Emergency Plans	High
16	III	C	255	616	All	Customer Education and Information Program	High
16	III	C	255	619	All	Maximum Allowable Operating Pressure - Steel or Plastic Pipelines	High
16	III	C	255	621	All	Maximum Allowable Operating Pressure - High Pressure Distribution Systems	High
16	III	C	255	623	All	Maximum and Minimum Allowable Operating Pressure - Low Pressure Distribution Systems	High
16	III	C	255	625	(a), (b)	Odorization of Gas	High
16	III	C	255	625	(e), (f)	Odorization of Gas	Other
16	III	C	255	627	All	Tapping Pipelines Under Pressure	High
16	III	C	255	629	All	Purging of Pipelines	High
16	III	C	255	631	All	Control Room Management	High
16	III	C	255	705	All	Transmission Lines - Patrolling	High
16	III	C	255	706	All	Transmission Lines - Leakage Surveys	High
16	III	C	255	707	(a), (c), (d), (e)	Line Markers for Mains and Transmission Lines	Other
16	III	C	255	709	All	Transmission Lines - Record Keeping	Other
16	III	C	255	711	All	Transmission Lines - General Requirements for Repair Procedures	High
16	III	C	255	713	All	Transmission Lines - Permanent Field Repair of Imperfections and Damages	High
16	III	C	255	715	All	Transmission Lines - Permanent Field Repair of Welds	High
16	III	C	255	717	All	Transmission Lines - Permanent Field Repairs of Leaks	High
16	III	C	255	719	All	Transmission Lines - Testing of Repairs	High
16	III	C	255	721	(b)	Distribution Systems - Patrolling	Other
16	III	C	255	723	All	Distribution Systems -Leakage Surveys and Procedures	High
16	III	C	255	725	All	Test Requirements for Reinstating Service Lines	Other
16	III	C	255	726	All	Inactive Service Lines	Other
16	III	C	255	727	(b), (c), (d), (e), (f), (g)	Abandonment or Inactivation of Facilities	Other
16	III	C	255	729	All	Compressor Stations - Procedures for Gas Compressor Units	High
16	III	C	255	731	All	Compressor Stations - Inspection and Testing of Relief Devices	High
16	III	C	255	732	All	Compressor Stations - Additional Inspections	High
16	III	C	255	735	All	Compressor Stations - Storage of Combustible Materials	Other
16	III	C	255	736	All	Compressor Stations - Gas Detection	High
16	III	C	255	739	(a), (b)	Pressure Limiting and Regulating Stations - Inspection and Testing	High
16	III	C	255	739	(c), (d), (e), (f)	Pressure Limiting and Regulating Stations - Inspection and Testing	Other
16	III	C	255	741	All	Pressure Limiting and Regulating Stations - Telemetering or Recording Gauges	Other
16	III	C	255	743	(a), (b)	Pressure Limiting and Regulating Stations - Testing of Relief Devices	High
16	III	C	255	743	(c)	Regulator Station MAOP	Other
16	III	C	255	744	All	Service Regulators and Vents - Inspection	Other
16	III	C	255	745	All	Transmission Line Valves	High
16	III	C	255	747	All	Valve Maintenance - Distribution Systems	Other
16	III	C	255	748	All	Valve Maintenance - Service Line Valves	Other
16	III	C	255	749	All	Vault Maintenance	Other
16	III	C	255	751	All	Prevention of Accidental Ignition	High
16	III	C	255	753	All	Cauked Bell and Spigot Joints	Other
16	III	C	255	755	All	Protecting Cast Iron Pipelines	High
16	III	C	255	756	All	Replacement of Exposed or Undermined Cast Iron Piping	High
16	III	C	255	757	All	Replacement of Cast Iron Mains Paralleling Excavations	High
16	III	C	255	801	All	Reports of accidents	Other
16	III	C	255	803	All	Emergency Lists of Operator Personnel	Other
16	III	C	255	805	(a), (b), (e), (g), (h)	Leaks - General	Other
16	III	C	255	807	(a), (b), (c)	Leaks - Records	Other
16	III	C	255	807	(d)	Leaks - Records	High
16	III	C	255	809	All	Leaks - Instrument Sensitivity Verification	High
16	III	C	255	811	(b), (c), (d), (e)	Leaks - Type 1 Classification	High
16	III	C	255	813	(b), (c), (d)	Leaks - Type 2A Classification	High
16	III	C	255	815	(b), (c), (d)	Leaks - Type 2 Classification	High
16	III	C	255	817	All	Leaks - Type 3 Classification	Other
16	III	C	255	819	(a)	Leaks - Follow-Up Inspection	High
16	III	C	255	821	All	Leaks - Nonreportable Reading	High
16	III	C	255	823	(a), (b)	Interruptions of Service	Other
16	III	C	255	825	All	Logging and Analysis of Gas Emergency Reports	Other
16	III	C	255	829	All	Annual Report	Other
16	III	C	255	831	All	Reporting Safety-Related Conditions	Other
16	III	C	255	905	All	High Consequence Areas	High
16	III	C	255	907	All	General (IMP)	Other
16	III	C	255	909	All	Changes to an Integrity Management Program (IMP)	Other
16	III	C	255	911	All	Required Elements (IMP)	High
16	III	C	255	915	All	Knowledge and Training (IMP)	High
16	III	C	255	917	All	Identification of Potential Threats to Pipeline Integrity and Use of the Threat Identification in an Integrity Program (IMP)	High
16	III	C	255	919	All	Baseline Assessment Plan (IMP)	High
16	III	C	255	921	All	Conducting a Baseline Assessment (IMP)	High
16	III	C	255	923	All	Direct Assessment (IMP)	High

16	III	C	255	925	All	External Corrosion Direct Assessment (ECDA) (IMP)	High
16	III	C	255	927	All	Internal Corrosion Direct Assessment (ICDA) (IMP)	High
16	III	C	255	931	All	Confirmatory Direct Assessment (CDA) (IMP)	High
16	III	C	255	933	All	Addressing Integrity Issues (IMP)	High
16	III	C	255	935	All	Preventive and Mitigative Measures to Protect the High Consequence Areas (IMP)	High
16	III	C	255	937	All	Continual Process of Evaluation and Assessment (IMP)	High
16	III	C	255	939	All	Reassessment Intervals (IMP)	High
16	III	C	255	941	All	Low Stress Reassessment (IMP)	Other
16	III	C	255	945	All	Measuring Program Effectiveness (IMP)	Other
16	III	C	255	947	All	Records (IMP)	Other
16	III	C	255	1003	All	General Requirements of a GDPIM Plan	High
16	III	C	255	1005	All	Implementation Requirements of a GDPIM Plan	High
16	III	C	255	1007	All	Required Elements of a GDPIM Plan	High
16	III	C	255	1009	All	Required Report when Compression Couplings Fail	High
16	III	C	255	1011	All	Records an Operator Must Keep (GDPIM)	Other
16	III	C	255	1015	All	GDPIM Plan Requirements for a Master Meter or a Small Liquefied Petroleum Gas (LPG) Operator	High
16	III	C	261	15	All	Operation and Maintenance Plan	High
16	III	C	261	17	(a), (c)	Leakage Survey	High
16	III	C	261	19	All	High Pressure Piping	Other
16	III	C	261	21	All	Carbon Monoxide Prevention	High
16	III	C	261	51	All	Warning Tag Procedures	High
16	III	C	261	53	All	HEFPA Liaison	High
16	III	C	261	55	All	Warning Tag Inspection	High
16	III	C	261	57	All	Warning Tag - Class A condition	High
16	III	C	261	59	All	Warning Tag - Class B condition	High
16	III	C	261	61	All	Warning Tag - Class C Condition	Other
16	III	C	261	63	All	Warning Tag - Action and Follow-Up	Other
16	III	C	261	65	All	Warning Tag Records	Other
49	I	D	193	2011	All	Reporting	Other
49	I	D	193	2017	All	Plans and Procedures	High
49	I	D	193	2019	All	Mobile and Temporary LNG Facilities	High
49	I	D	193	2057	All	Thermal Radiation Protection	High
49	I	D	193	2059	All	Flammable Vapor-Gas Dispersion Protection	High
49	I	D	193	2067	All	Wind Forces	High
49	I	D	193	2101	All	Design - Scope	High
49	I	D	193	2119	All	Design - Records	High
49	I	D	193	2155	All	Structural Requirements	High
49	I	D	193	2161	All	Design - Dikes	High
49	I	D	193	2167	All	Covered Systems	High
49	I	D	193	2173	All	Water Removal	High
49	I	D	193	2181	All	Impoundment Design and Capacity	High
49	I	D	193	2187	All	Nonmetallic Membrane Liner	High
49	I	D	193	2301	All	Construction - Scope	High
49	I	D	193	2303	All	Construction Acceptance	High
49	I	D	193	2304	All	Corrosion Control Overview	High
49	I	D	193	2321	All	Nondestructive Tests	High
49	I	D	193	2401	All	Equipment - Scope	High
49	I	D	193	2441	All	Equipment - Control Center	High
49	I	D	193	2445	All	Sources of Power	High
49	I	D	193	2501	All	Operations - Scope	High
49	I	D	193	2503	All	Operating Procedures	High
49	I	D	193	2505	All	Operations - Cooldown	High
49	I	D	193	2507	All	Monitoring Operations	High
49	I	D	193	2509	All	Emergency Procedures	High
49	I	D	193	2511	All	Personnel Safety	High
49	I	D	193	2513	All	Transfer Procedures	High
49	I	D	193	2515	All	Investigations of Failures	High
49	I	D	193	2517	All	Purging	High
49	I	D	193	2519	All	Communication Systems	High
49	I	D	193	2521	All	Operating Records	Other
49	I	D	193	2603	All	Maintenance - General	High
49	I	D	193	2605	All	Maintenance Procedures	High
49	I	D	193	2607	All	Foreign Material	Other
49	I	D	193	2609	All	Support Systems	High
49	I	D	193	2611	All	Fire Protection	High
49	I	D	193	2613	All	Auxiliary Power Sources	High
49	I	D	193	2615	All	Isolating and Purging	High
49	I	D	193	2617	All	Maintenance - Repairs	High
49	I	D	193	2619	All	Control Systems	High
49	I	D	193	2621	All	Testing Transfer Hoses	High
49	I	D	193	2623	All	Inspecting LNG Storage Tanks	High
49	I	D	193	2625	All	Corrosion Protection	High
49	I	D	193	2627	All	Atmospheric Corrosion Control	Other
49	I	D	193	2629	All	External Corrosion Control - Buried or Submerged Components	Other
49	I	D	193	2631	All	Internal Corrosion Control	Other
49	I	D	193	2633	All	Interference Currents	Other
49	I	D	193	2635	All	Monitoring Corrosion Control	High
49	I	D	193	2637	All	Remedial Measures	High
49	I	D	193	2639	All	Maintenance Records	Other
49	I	D	193	2703	All	Design and Fabrication	Other
49	I	D	193	2705	All	Construction, Installation, Inspection, and Testing	High
49	I	D	193	2707	All	Operations and Maintenance	High
49	I	D	193	2709	All	Security	High
49	I	D	193	2711	All	Personnel Health	Other
49	I	D	193	2713	All	Training - Operations and Maintenance	High
49	I	D	193	2715	All	Training - Security	High
49	I	D	193	2717	All	Training - Fire Protection	High
49	I	D	193	2719	All	Training - Records	Other
49	I	D	193	2801	All	Fire Protection	High
49	I	D	193	2903	All	Security Procedures	High
49	I	D	193	2905	All	Protective Enclosures	High
49	I	D	193	2907	All	Protective Enclosure Construction	High
49	I	D	193	2909	All	Security Communications	High
49	I	D	193	2911	All	Security Lighting	High
49	I	D	193	2913	All	Security Monitoring	High
49	I	D	193	2915	All	Alternative Power Sources	High
49	I	D	193	2917	All	Warning Signs	Other

Appendix 9

Appendix 9

Enhanced High Emitter Methane Detection Program

The Companies agree to incorporate an Enhanced High Emitter Methane Detection Program, which will target leaks of exceptionally large size (10 standard cubic feet per hour or greater) for repair or replacement to reduce methane emissions from the distribution system and prevent lost gas. The Companies will hire an advanced leak detection contractor to aid in prioritizing for repair possible large emitters within areas previously identified as possible high leak concentration areas. The Companies will hire a contractor and begin advanced leak detection surveys within 12 months of Commission approval of this Joint Proposal. The Companies will undertake reasonable efforts to fully expend the allocated funding to maximize the quantity and quality of advanced leak detection survey to be conducted.

Annual Report and Meetings

Beginning in calendar year 2022, the Companies will file publicly-accessible annual reports with the Secretary to the Commission by April 15 of each year until the conclusion of the Company's next base rate case, documenting its implementation of the program, any methane emission reductions achieved, and efforts to advance any improvements to leak quantification methods. Interested parties will have an opportunity to respond to such reports 30 days after their submission.

Beginning in calendar year 2021, the Companies, EDF, and any other interested party will have at least one meeting annually by the end of September until the conclusion of the Companies' next base rate case. After the Companies have selected a contractor, they will work with EDF to determine the scope of the areas to be surveyed.

Proposal for Extended Application

Based on learnings and results from the first two years of the project, including discussions with EDF, the Companies will issue a proposal for expanded application of advanced leak detection technology within 30 months of the program's initiation. The proposal will address how advanced leak detection can further any methane-reduction targets developed in New York under the CLCPA and how advanced leak detection can contribute to more accurate tracking of distribution system emissions.

Appendix 10

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Business Enablement KEDNY Value Framework FY24 KPI Targets and Weightings

KPI Description	FY 2024 KPI Target	FY 2024 KPI Target Weightings	Allocated Portion of Enhanced Capability Investment (\$34.0M)
Avg. # of Completed Jobs per CMS worker (jobs/day)	5.16	11%	\$3.74 M
Avg. ft. of Main Repl./ M&C Worker (ft/day)	11.77	11%	\$3.74 M
WOs Processed/ Back Office FTE	1318	11%	\$3.74 M
Total Call Volume (Calls/year)	883,447	16%	\$5.44 M
Customer Experience(Effort) Rating	78.1	16%	\$5.44 M
Total non-compliance occurrences	0	35%	\$11.90 M
Totals		100%	\$34.0 M

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Business Enablement KEDNY Example of Value Framework FY24 KPI Performance Calculation (Underperformance Against All Targets)

Line	Value Category	Work Management- CMS	Work Management- M&C	Back Office	Customer	Customer	Gas Safety & Compliance	Total
1	KPI Description	Avg. # of Completed Jobs per worker (jobs/day)	Avg. ft. of Main Repl./ Worker (ft/day)	WOs Processed/ Back Office FTE (WOs/yr)	Total Call Volume (Calls/year)	Customer Experience(Effort) Rating	Total non- compliance occurrences	
2	KPI Baseline	5.1	11.43	1055	945,336	73.00	257	
3	KPI Target FY24	5.16	11.77	1318	883,447	78.10	0	
4	FY24 KPI Target Weighting Against Enhanced Capability Investment Potential Return to Customer	11%	11%	11%	16%	16%	35%	
5	Enterprise Enhanced Capability Investment Dollars weighted to KPI	\$22.9 M	\$22.9 M	\$22.9 M	\$33.3 M	\$33.3 M	\$72.9 M	\$208.2 M
6	KEDNY Enhanced Capability Investment Dollars = Line 5 * 34.86%	\$3.74 M	\$3.74 M	\$3.74 M	\$5.44 M	\$5.44 M	\$11.90 M	\$34.00 M
7	Calculated KEDNY Value of Meeting the FY24 Target	\$410,284	\$1,463,437	\$336,714	\$280,357	\$457,290	\$4,766,667	\$7,714,749
8	Annual Dollar Value of a unit of improvement = Line 7 / (Line 3 - Line 2)	\$6,838,061	\$4,304,227	\$1,279	-\$5	\$89,665	-\$18,547	
9	Illustrative FY24 KPI Value	5.14	11.61	1305	888,000	72.00	90	
10	Percentage Metric performance to FY24 Target = (Line 2 - Line 9)/(Line 2 - Line 3)	66.7%	51.5%	95.1%	92.6%	-19.6%	65.0%	
11	Calculated value of performance = (Line 9 - Line 2) * Line 8	\$273,522	\$753,240	\$320,089	\$259,732	-\$89,665	\$3,097,406	\$4,614,324
12	Value of any individual KPI underperformance = (Line 7 - Line 11), if underperforming	\$136,761	\$710,197	\$16,625	\$20,625	\$546,954	\$1,669,261	\$3,100,424
13	Value of any individual KPI over performance = (Line 9 - Line 3) * Line 8, if target exceeded	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	Maximum potential reallocation from any over performing KPIs = 50% * Line 7	\$205,142	\$731,719	\$168,357	\$140,179	\$228,645	\$2,383,334	
15	Re-allocation of any over-performance to any underperforming KPIs = the lower of ((Line 12 / Total Column of Line 12) * Total Column of Line 13) or (Line 14)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Re-allocated value = Line 11 + Line 15 for underperforming KPIs or Line 7 for outperforming KPIs	\$273,522	\$753,240	\$320,089	\$259,732	-\$89,665	\$3,097,406	\$4,614,324
17	Reallocated Metric performance to FY24 Target = Maximum of Line 16 / Line 7 or 0%	67%	51%	95%	93%	0%	65%	
18	Total Value to be deferred back to customers for underperformance = (1 - Line 17) * Line 6	\$1.25 M	\$1.81 M	\$0.18 M	\$0.40 M	\$5.44 M	\$4.17 M	\$13.25 M

If any KPI outperforms its target, demonstrating more value was delivered than anticipated, then the incremental value delivered can be reallocated to support any underperforming KPIs based on the following principles:

1. Re-allocation is based on the calculated dollar value of the KPI outperformance, not purely on a percentage basis
2. Any reallocation to an underperforming KPI is capped at 50% of its value (e.g. if performance was at 25% of the target, the maximum performance it could be enhanced to through reallocation is 75% of the target if there was available outperformance)
3. Through the reallocation process, the total dollar value demonstrated from the KPIs cannot increase (*i.e.* performance cannot exceed 100% of KPI value)

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Business Enablement KEDNY Example of Value Framework FY24 KPI Performance Calculation (Full or Overperformance Against Targets but One)

Line	Value Category	Work Management-CMS	Work Management-M&C	Back Office	Customer	Customer	Gas Safety & Compliance	Total
1	KPI Description	Avg. # of Completed Jobs per worker (jobs/day)	Avg. ft. of Main Repl./ Worker (ft/day)	WOs Processed/ Back Office FTE (WOs/yr)	Total Call Volume (Calls/year)	Customer Experience(Effort) Rating	Total non-compliance occurrences	
2	KPI Baseline	5.1	11.43	1055	945,336	73.00	257	
3	KPI Target FY24	5.16	11.77	1318	883,447	78.10	0	
4	FY24 KPI Target Weighting Against Enhanced Capability Investment Potential Return to Customer	11%	11%	11%	16%	16%	35%	
5	Enterprise Enhanced Capability Investment Dollars weighted to KPI	\$22.9 M	\$22.9 M	\$22.9 M	\$33.3 M	\$33.3 M	\$72.9 M	\$208.2 M
6	KEDNY Enhanced Capability Investment Dollars = Line 5 * 34.86%	\$3.74 M	\$3.74 M	\$3.74 M	\$5.44 M	\$5.44 M	\$11.90 M	\$34.0 M
7	Calculated KEDNY Value of Meeting the FY24 Target	\$410,284	\$1,463,437	\$336,714	\$280,357	\$457,290	\$4,766,667	\$7,714,749
8	Annual Dollar Value of a unit of improvement = Line 7 / (Line 3 - Line 2)	\$6,838,061	\$4,304,227	\$1,279	-\$5	\$89,665	-\$18,547	
9	Illustrative FY24 KPI Value	5.17	11.80	1,230	878,000	78.10	0	
10	Percentage Metric performance to FY24 Target = (Line 2 - Line 9)/(Line 2 - Line 3)	116.7%	108.8%	66.6%	108.8%	100.0%	100.0%	
11	Calculated value of performance = (Line 9 - Line 2) * Line 8	\$478,664	\$1,592,564	\$224,173	\$305,032	\$457,290	\$4,766,667	\$7,824,390
12	Value of any individual KPI underperformance = (Line 7 - Line 11), if underperforming	\$0	\$0	\$112,541	\$0	\$0	\$0	\$112,541
13	Value of any individual KPI over performance = (Line 9 - Line 3) * Line 8, if target exceeded	\$68,381	\$129,127	\$0	\$24,675	\$0	\$0	\$222,182
14	Maximum potential reallocation from any over performing KPIs = 50% * Line 7	\$205,142	\$731,719	\$168,357	\$140,179	\$228,645	\$2,383,334	
15	Re-allocation of any over-performance to any underperforming KPIs = the lower of ((Line 12 / Total Column of Line 12) * Total Column of Line 13) or (Line 14)	\$0	\$0	\$168,357	\$0	\$0	\$0	\$168,357
16	Re-allocated value = Line 11 + Line 15 for underperforming KPIs or Line 7 for outperforming KPIs	\$410,284	\$1,463,437	\$336,714	\$280,357	\$457,290	\$4,766,667	\$7,714,749
17	Reallocated Metric performance to FY24 Target = Maximum of Line 16 / Line 7 or 0%	100%	100%	100%	100%	100%	100%	
18	Total Value to be deferred back to customers for underperformance = (1 - Line 17) * Line 6	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M

If any KPI outperforms its target, demonstrating more value was delivered than anticipated, then the incremental value delivered can be reallocated to support any underperforming KPIs based on the following principles:

1. Re-allocation is based on the calculated dollar value of the KPI outperformance, not purely on a percentage basis
2. Any reallocation to an underperforming KPI is capped at 50% of its value (e.g. if performance was at 25% of the target, the maximum performance it could be enhanced to through reallocation is 75% of the target if there was available outperformance)
3. Through the reallocation process, the total dollar value demonstrated from the KPIs cannot increase (*i.e.* performance cannot exceed 100% of KPI value)

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas Business Enablement KEDNY Example of Value Framework FY24 KPI Performance Calculation (Mixed Against Targets)

Line	Value Category	Work Management- CMS	Work Management- M&C	Back Office	Customer	Customer	Gas Safety & Compliance	Total
1	KPI Description	Avg. # of Completed Jobs per worker (jobs/day)	Avg. ft. of Main Repl./ Worker (ft/day)	WOs Processed/ Back Office FTE (WOs/yr)	Total Call Volume (Calls/year)	Customer Experience(Effort) Rating	Total non- compliance occurrences	
2	KPI Baseline	5.1	11.43	1055	945,336	73.00	257	
3	KPI Target FY24	5.16	11.77	1318	883,447	78.10	0	
4	FY24 KPI Target Weighting Against Enhanced Capability Investment Potential Return to Customer	11%	11%	11%	16%	16%	35%	
5	Enterprise Enhanced Capability Investment Dollars weighted to KPI	\$22.9 M	\$22.9 M	\$22.9 M	\$33.3 M	\$33.3 M	\$72.9 M	\$208.2 M
6	KEDNY Enhanced Capability Investment Dollars = Line 5 * 34.86%	\$3.74 M	\$3.74 M	\$3.74 M	\$5.44 M	\$5.44 M	\$11.90 M	\$34.0 M
7	Calculated KEDNY Value of Meeting the FY24 Target	\$410,284	\$1,463,437	\$336,714	\$280,357	\$457,290	\$4,766,667	\$7,714,749
8	Annual Dollar Value of a unit of improvement = Line 7 / (Line 3 - Line 2)	\$6,838,061	\$4,304,227	\$1,279	-\$5	\$89,665	-\$18,547	
9	Illustrative FY24 KPI Value	5.14	11.80	1015	881,500	74.00	10	
10	Percentage Metric performance to FY24 Target = (Line 2 - Line 9)/(Line 2 - Line 3)	66.7%	108.8%	-15.1%	103.1%	19.6%	96.1%	
11	Calculated value of performance = (Line 9 - Line 2) * Line 8	\$273,522	\$1,592,564	-\$50,784	\$289,177	\$89,665	\$4,581,194	\$6,775,338
12	Value of any individual KPI underperformance = (Line 7 - Line 11), if underperforming	\$136,761	\$0	\$387,498	\$0	\$367,625	\$185,473	\$1,077,358
13	Value of any individual KPI over performance = (Line 9 - Line 3) * Line 8, if target exceeded	\$0	\$129,127	\$0	\$8,820	\$0	\$0	\$137,947
14	Maximum potential reallocation from any over performing KPIs = 50% * Line 7	\$205,142	\$731,719	\$168,357	\$140,179	\$228,645	\$2,383,334	
15	Re-allocation of any over-performance to any underperforming KPIs = the lower of ((Line 12 / Total Column of Line 12) * Total Column of Line 13) or (Line 14)	\$17,511	\$0	\$49,616	\$0	\$47,071	\$23,748	\$137,947
16	Re-allocated value = Line 11 + Line 15 for underperforming KPIs or Line 7 for outperforming KPIs	\$291,034	\$1,463,437	-\$1,168	\$280,357	\$136,736	\$4,604,942	\$6,775,338
17	Reallocated Metric performance to FY24 Target = Maximum of Line 16 / Line 7 or 0%	71%	100%	0%	100%	30%	97%	
18	Total Value to be deferred back to customers for underperformance = (1 - Line 17) * Line 6	\$1.09 M	\$0.00 M	\$3.74 M	\$0.00 M	\$3.81 M	\$0.40 M	\$9.04 M

If any KPI outperforms its target, demonstrating more value was delivered than anticipated, then the incremental value delivered can be reallocated to support any underperforming KPIs based on the following principles:

1. Re-allocation is based on the calculated dollar value of the KPI outperformance, not purely on a percentage basis
2. Any reallocation to an underperforming KPI is capped at 50% of its value (e.g. if performance was at 25% of the target, the maximum performance it could be enhanced to through reallocation is 75% of the target if there was available outperformance)
3. Through the reallocation process, the total dollar value demonstrated from the KPIs cannot increase (*i.e.* performance cannot exceed 100% of KPI value)

Keyspan Gas East Corporation d/b/a National Grid NY
Gas Business Enablement KEDLI Value Framework FY24 KPI Targets and Weightings

KPI Description	FY 2024 KPI Target	FY 2024 KPI Target Weightings	Allocated Portion of Enhanced Capability Investment (\$15.9M)
Avg. # of Completed Jobs per CMS worker (jobs/day)	4.58	11%	\$1.74 M
Avg. ft. of Main Repl./ M&C Worker (ft/day)	12.86	11%	\$1.74 M
WOs Processed/ Back Office FTE	1195	11%	\$1.74 M
Total Call Volume (Calls/year)	393,933	16%	\$2.54 M
Customer Experience(Effort) Rating	67	16%	\$2.54 M
Total non-compliance occurrences	0	35%	\$5.55 M
Totals		100%	\$15.9 M

Keyspan Gas East Corporation d/b/a National Grid NY
Gas Business Enablement KEDLI Example of Value Framework FY24 KPI Performance Calculation (Underperformance Against All Targets)

Line	Value Category	Work Management- CMS	Work Management- M&C	Back Office	Customer	Customer	Gas Safety & Compliance	Total
1	KPI Description	Avg. # of Completed Jobs per worker (jobs/day)	Avg. ft. of Main Repl./ Worker (ft/day)	WOs Processed/ Back Office FTE (WOs/yr)	Total Call Volume (Calls/year)	Customer Experience(Effort) Rating	Total non- compliance occurrences	
2	KPI Baseline	4.5	12.49	956	422,173	62.60	1267	
3	KPI Target FY24	4.58	12.86	1195	393,933	67.00	0	
4	FY24 KPI Target Weighting Against Enhanced Capability Investment Potential Return to Customer	11%	11%	11%	16%	16%	35%	
5	Enterprise Enhanced Capability Investment Dollars weighted to KPI	\$22.9 M	\$22.9 M	\$22.9 M	\$33.3 M	\$33.3 M	\$72.9 M	\$208.2 M
6	KEDLI Enhanced Capability Investment Dollars = Line 5 * 16.27%	\$1.74 M	\$1.74 M	\$1.74 M	\$2.54 M	\$2.54 M	\$5.55 M	\$15.9 M
7	Calculated KEDLI Value of Meeting the FY24 Target	\$227,725	\$1,001,408	\$265,020	\$134,563	\$773,360	\$12,158,759	\$14,560,835
8	Annual Dollar Value of a unit of improvement = Line 7 / (Line 3 - Line 2)	\$2,846,562	\$2,706,508	\$1,109	-\$5	\$175,764	-\$9,596	
9	Illustrative FY24 KPI Value	4.56	12.68	1185	396,000	61.00	423	
10	Percentage Metric performance to FY24 Target = (Line 2 - Line 9)/(Line 2 - Line 3)	75.0%	51.4%	95.8%	92.7%	-36.4%	66.6%	
11	Calculated value of performance = (Line 9 - Line 2) * Line 8	\$170,794	\$514,237	\$253,933	\$124,714	-\$281,222	\$8,099,442	\$8,881,897
12	Value of any individual KPI underperformance = (Line 7 - Line 11), if underperforming	\$56,931	\$487,171	\$11,086	\$9,849	\$1,054,582	\$4,059,317	\$5,678,938
13	Value of any individual KPI over performance = (Line 9 - Line 3) * Line 8, if target exceeded	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	Maximum potential reallocation from any over performing KPIs = 50% * Line 7	\$113,862	\$500,704	\$132,510	\$67,282	\$386,680	\$6,079,380	
15	Re-allocation of any over-performance to any underperforming KPIs = the lower of ((Line 12 / Total Column of Line 12) * Total Column of Line 13) or (Line 14)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Re-allocated value = Line 11 + Line 15 for underperforming KPIs or Line 7 for outperforming KPIs	\$170,794	\$514,237	\$253,933	\$124,714	-\$281,222	\$8,099,442	\$8,881,897
17	Reallocated Metric performance to FY24 Target = Maximum of Line 16 / Line 7 or 0%	75%	51%	96%	93%	0%	67%	
18	Total Value to be deferred back to customers for underperformance = (1 - Line 17) * Line 6	\$0.44 M	\$0.85 M	\$0.07 M	\$0.19 M	\$2.54 M	\$1.85 M	\$5.93 M

If any KPI outperforms its target, demonstrating more value was delivered than anticipated, then the incremental value delivered can be reallocated to support any underperforming KPIs based on the following principles:

1. Re-allocation is based on the calculated dollar value of the KPI outperformance, not purely on a percentage basis
2. Any reallocation to an underperforming KPI is capped at 50% of its value (e.g. if performance was at 25% of the target, the maximum performance it could be enhanced to through reallocation is 75% of the target if there was available outperformance)
3. Through the reallocation process, the total dollar value demonstrated from the KPIs cannot increase (*i.e.* performance cannot exceed 100% of KPI value)

Keyspan Gas East Corporation d/b/a National Grid NY
Gas Business Enablement KEDLI Example of Value Framework FY24 KPI Performance Calculation (Full or Overperformance Against Targets but One)

Line	Value Category	Work Management- CMS	Work Management- M&C	Back Office	Customer	Customer	Gas Safety & Compliance	Total
1	KPI Description	Avg. # of Completed Jobs per worker (jobs/day)	Avg. ft. of Main Repl./ Worker (ft/day)	WOs Processed/ Back Office FTE (WOs/yr)	Total Call Volume (Calls/year)	Customer Experience(Effort) Rating	Total non-compliance occurrences	
2	KPI Baseline	4.5	12.49	956	422,173	62.60	1267	
3	KPI Target FY24	4.58	12.86	1195	393,933	67.00	0	
4	FY24 KPI Target Weighting Against Enhanced Capability Investment Potential Return to Customer	11%	11%	11%	16%	16%	35%	
5	Enterprise Enhanced Capability Investment Dollars weighted to KPI	\$22.9 M	\$22.9 M	\$22.9 M	\$33.3 M	\$33.3 M	\$72.9 M	\$208.2 M
6	KEDLI Enhanced Capability Investment Dollars = Line 5 * 16.27%	\$1.74 M	\$1.74 M	\$1.74 M	\$2.54 M	\$2.54 M	\$5.55 M	\$15.9 M
7	Calculated KEDLI Value of Meeting the FY24 Target	\$227,725	\$1,001,408	\$265,020	\$134,563	\$773,360	\$12,158,759	\$14,560,835
8	Annual Dollar Value of a unit of improvement = Line 7 / (Line 3 - Line 2)	\$2,846,562	\$2,706,508	\$1,109	-\$5	\$175,764	-\$9,596	
9	Illustrative FY24 KPI Value	4.6	12.88	1,120	390,000	67.00	0	
10	Percentage Metric performance to FY24 Target = (Line 2 - Line 9)/(Line 2 - Line 3)	125.0%	105.4%	68.6%	113.9%	100.0%	100.0%	
11	Calculated value of performance = (Line 9 - Line 2) * Line 8	\$284,656	\$1,055,538	\$181,872	\$153,304	\$773,360	\$12,158,759	\$14,607,490
12	Value of any individual KPI underperformance = (Line 7 - Line 11), if underperforming	\$0	\$0	\$83,148	\$0	\$0	\$0	\$83,148
13	Value of any individual KPI over performance = (Line 9 - Line 3) * Line 8, if target exceeded	\$56,931	\$54,130	\$0	\$18,741	\$0	\$0	\$129,802
14	Maximum potential reallocation from any over performing KPIs = 50% * Line 7	\$113,862	\$500,704	\$132,510	\$67,282	\$386,680	\$6,079,380	
15	Re-allocation of any over-performance to any underperforming KPIs = the lower of ((Line 12 / Total Column of Line 12) * Total Column of Line 13) or (Line 14)	\$0	\$0	\$129,802	\$0	\$0	\$0	\$129,802
16	Re-allocated value = Line 11 + Line 15 for underperforming KPIs or Line 7 for outperforming KPIs	\$227,725	\$1,001,408	\$265,020	\$134,563	\$773,360	\$12,158,759	\$14,560,835
17	Reallocated Metric performance to FY24 Target = Maximum of Line 16 / Line 7 or 0%	100%	100%	100%	100%	100%	100%	
18	Total Value to be deferred back to customers for underperformance = (1 - Line 17) * Line 6	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M

If any KPI outperforms its target, demonstrating more value was delivered than anticipated, then the incremental value delivered can be reallocated to support any underperforming KPIs based on the following principles:

1. Re-allocation is based on the calculated dollar value of the KPI outperformance, not purely on a percentage basis

2. Any reallocation to an underperforming KPI is capped at 50% of its value (e.g. if performance was at 25% of the target, the maximum performance it could be enhanced to through reallocation is 75% of the target if there was available outperformance)

3. Through the reallocation process, the total dollar value demonstrated from the KPIs cannot increase (*i.e.* performance cannot exceed 100% of KPI value)

Keyspan Gas East Corporation d/b/a National Grid NY
Gas Business Enablement KEDLI Example of Value Framework FY24 KPI Performance Calculation (Mixed Against Targets)

Line	Value Category	Work Management- CMS	Work Management- M&C	Back Office	Customer	Customer	Gas Safety & Compliance	Total
1	KPI Description	Avg. # of Completed Jobs per worker (jobs/day)	Avg. ft. of Main Repl./ Worker (ft/day)	WOs Processed/ Back Office FTE (WOs/yr)	Total Call Volume (Calls/year)	Customer Experience(Effort) Rating	Total non- compliance occurrences	
2	KPI Baseline	4.5	12.49	956	422,173	62.60	1267	
3	KPI Target FY24	4.58	12.86	1195	393,933	67.00	0	
4	FY24 KPI Target Weighting Against Enhanced Capability Investment Potential Return to Customer	11%	11%	11%	16%	16%	35%	
5	Enterprise Enhanced Capability Investment Dollars weighted to KPI	\$22.9 M	\$22.9 M	\$22.9 M	\$33.3 M	\$33.3 M	\$72.9 M	\$208.2 M
6	KEDLI Enhanced Capability Investment Dollars = Line 5 * 16.27%	\$1.74 M	\$1.74 M	\$1.74 M	\$2.54 M	\$2.54 M	\$5.55 M	\$15.9 M
7	Calculated KEDLI Value of Meeting the FY24 Target	\$227,725	\$1,001,408	\$265,020	\$134,563	\$773,360	\$12,158,759	\$14,560,835
8	Annual Dollar Value of a unit of improvement = Line 7 / (Line 3 - Line 2)	\$2,846,562	\$2,706,508	\$1,109	-\$5	\$175,764	-\$9,596	
9	Illustrative FY24 KPI Value	4.56	12.95	922	392,500	63.25	10	
10	Percentage Metric performance to FY24 Target = (Line 2 - Line 9)/(Line 2 - Line 3)	75.0%	124.3%	-14.2%	105.1%	14.8%	99.2%	
11	Calculated value of performance = (Line 9 - Line 2) * Line 8	\$170,794	\$1,244,994	-\$37,638	\$141,391	\$114,246	\$12,062,794	\$13,696,581
12	Value of any individual KPI underperformance = (Line 7 - Line 11), if underperforming	\$56,931	\$0	\$302,658	\$0	\$659,114	\$95,965	\$1,114,668
13	Value of any individual KPI over performance = (Line 9 - Line 3) * Line 8, if target exceeded	\$0	\$243,586	\$0	\$6,828	\$0	\$0	\$250,414
14	Maximum potential reallocation from any over performing KPIs = 50% * Line 7	\$113,862	\$500,704	\$132,510	\$67,282	\$386,680	\$6,079,380	
15	Re-allocation of any over-performance to any underperforming KPIs = the lower of ((Line 12 / Total Column of Line 12) * Total Column of Line 13) or (Line 14)	\$12,790	\$0	\$67,993	\$0	\$148,072	\$21,559	\$250,414
16	Re-allocated value = Line 11 + Line 15 for underperforming KPIs or Line 7 for outperforming KPIs	\$183,584	\$1,001,408	\$30,355	\$134,563	\$262,319	\$12,084,353	\$13,696,581
17	Reallocated Metric performance to FY24 Target = Maximum of Line 16 / Line 7 or 0%	81%	100%	11%	100%	34%	99%	
18	Total Value to be deferred back to customers for underperformance = (1 - Line 17) * Line 6	\$0.34 M	\$0.00 M	\$1.54 M	\$0.00 M	\$1.68 M	\$0.03 M	\$3.59 M

If any KPI outperforms its target, demonstrating more value was delivered than anticipated, then the incremental value delivered can be reallocated to support any underperforming KPIs based on the following principles:

1. Re-allocation is based on the calculated dollar value of the KPI outperformance, not purely on a percentage basis
2. Any reallocation to an underperforming KPI is capped at 50% of its value (e.g. if performance was at 25% of the target, the maximum performance it could be enhanced to through reallocation is 75% of the target if there was available outperformance)
3. Through the reallocation process, the total dollar value demonstrated from the KPIs cannot increase (i.e. performance cannot exceed 100% of KPI value)

Appendix 11

CORPORATE STRUCTURE AND AFFILIATE RULES

The following Corporate Structure and Affiliate Rules apply to The Brooklyn Union Gas Company d/b/a National Grid NY (“KEDNY”) and KeySpan Gas East Corporation d/b/a National Grid (“KEDLI”) (collectively, the “Companies”).

1. Definitions used in this document

UK HoldCo – the top level holding company in the National Grid group. This is National Grid plc or its successor as the ultimate parent holding company.

US HoldCo – the immediate parent and holding company for National Grid’s US utility operations. This is National Grid USA or its successor.

As used in this Appendix 12, “HoldCo” refers to both UK HoldCo and US HoldCo. Where explicit reference to one of the HoldCos is required, the term “UK HoldCo” or “US HoldCo” will be used.

RegCo – means KEDNY or KEDLI and each of their successors. KEDNY and KEDLI are wholly owned indirect subsidiaries of US HoldCo and carry on regulated gas distribution services.

ServiceCo – means National Grid USA Service Company, Inc. and National Grid Engineering & Survey Inc., or any successor(s) thereto, which provide a variety of traditional corporate, administrative, and other services.

Unregulated Competitive Energy Affiliate(s) – means any of US HoldCo’s current or future unregulated affiliates engaged in competitive energy markets in New York State, including but not limited to exploration and/or production, generation, distributed energy resources (“DER”), retail energy services, or HVAC services.

Unregulated Affiliate(s) – means any of US HoldCo’s current or future affiliates engaged in competitive retail services that KEDNY or KEDLI contracts for or provides.

National Grid FERC Regulated Affiliates – means affiliates of HoldCo in New York that are exclusively regulated by the Federal Energy Regulatory Commission (“FERC”).

National Grid Other Affiliates – means affiliates of HoldCo, including affiliates of KEDNY or KEDLI, but excluding National Grid FERC Regulated Affiliates, Unregulated Competitive Energy Affiliates and Unregulated Affiliates.

2. Rules Governing Affiliate Transactions

2.1 Separation and Location

RegCo, HoldCo, Unregulated Competitive Energy Affiliates, Unregulated Affiliates, National Grid FERC Regulated Affiliates, and National Grid Other Affiliates will each be operated as

separate entities and will maintain separate books and records of account. RegCo, HoldCo, ServiceCo and National Grid Other Affiliates may occupy the same building. RegCo may also share premises with National Grid's affiliates engaged in regulated gas and/or electric transmission and/or distribution operations if such sharing provides for efficiencies in occupancy and use of resources. RegCo may not share a building with any Unregulated Competitive Energy Affiliates or Unregulated Affiliates.

2.2 Board of Directors

A majority of the RegCo Board of Directors will be Eligible Directors. An Eligible Director is any individual who is not (i) an officer or director of HoldCo or (ii) an officer or director of any Unregulated Competitive Energy Affiliate or Unregulated Affiliate, or (iii) an officer or director of any National Grid FERC Regulated Affiliate. No member of the RegCo Board of Directors will also be an employee, officer or director of any Unregulated Competitive Energy Affiliate or Unregulated Affiliate. No member of the RegCo Board of Directors will also be an employee, officer or director of any unaffiliated competitive energy firm engaged in exploration and/or production, generation, DER, retail energy services or HVAC services in RegCo's service territory. No member of the RegCo Board of Directors will also be an employee, officer or director of any unaffiliated firm engaged in competitive retail services that KEDNY or KEDLI contracts for or provides.

2.3 Accounting Issues and Financial Protections

2.3.1 Under United States Generally Accepted Accounting Principles (US GAAP) for purchase accounting, the total acquisition price, together with transaction costs, in excess of the fair market value assigned to the assets and liabilities of the acquired company are recorded as goodwill on the acquired company's accounts. Under Financial Accounting Standards Board (FASB) standards for accounting for goodwill, goodwill is not amortized against earnings. Instead, goodwill is reviewed for impairment and written down and expensed only in a period in which the goodwill's recorded value exceeds its fair value. As set forth in Section 1 of Appendix 5 of the Merger & Gas Revenue Requirement Joint Proposal (Dated July 6, 2007) in Case 06-M-0878, as adopted by the Commission's September 17, 2007 Order in that case, no goodwill will be recorded on KEDNY's or KEDLI's regulatory accounts that are subject to the jurisdiction of the Commission. As a result, there will be no ratemaking effects associated with recording goodwill under US GAAP for KEDNY and KEDLI.

2.3.2 The financial protections in Appendix 5 of the Merger & Gas Revenue Requirement Joint Proposal (dated July 6, 2007) in Case 06-M-0878, as modified by the Commission's September 17, 2007 Order in that case, will continue in full force and effect in accordance with their terms.

2.4 Cost Allocation and Audit

2.4.1 Appropriate cost allocation procedures will be followed by HoldCo and its affiliates to assure the proper allocation on a fully distributed basis, to

HoldCo, RegCos, or other affiliates of the costs of any HoldCo personnel, property or services used by RegCo or other affiliates of HoldCo.

2.4.2 Any future revisions to cost allocation methodologies of ServiceCo will be filed with the Secretary of the Commission.

2.4.3 The FERC carries out regular audits of ServiceCo. Such audits include examination of authorized cost allocation calculations and a review of internal audit policies, procedures and reports. The Department of Public Service will be invited to participate in such audits to receive assurance that applicable transactions and/or allocations are being carried out in a compliant fashion. The Department of Public Service will also receive copies of all reports issued to the Companies by FERC as a result of such audits.

2.4.4 The Companies will meet annually with DPS Staff to review all aspects of cost allocations and their application.

2.4.5 If at any time the Companies becomes aware of events likely to cause a reconsideration of or material change to cost allocations, they will advise Staff and arrange a meeting to consider those issues at that time.

2.5 Transfer of Assets from or to RegCo

Transfers of assets (or rights to use such assets) from RegCo to Unregulated Competitive Energy Affiliate(s) and Unregulated Affiliate(s) will be priced at the higher of book value or fair market value and will be subject to Commission approval, except as otherwise provided in Mutual Assistance Agreements. Transfer of assets (or rights to use such assets) from Unregulated Competitive Energy Affiliate(s) and Unregulated Affiliate(s) to RegCo will be priced at the lower of book value or fair market value. Transfer of assets (or rights to use such assets) between RegCo and National Grid FERC Regulated Affiliates will be at book value.

2.6 Transfer of Services

The provision of corporate services will be subject to written contracts that, as applicable, identify the personnel, assets, and services that will be provided. The services will be provided on a fully loaded cost basis. The RegCo, HoldCo, ServiceCo, Unregulated Competitive Energy Affiliates, Unregulated Affiliates, National Grid FERC Regulated Affiliates, and National Grid Other Affiliates may be covered by common property/casualty and other business insurance policies. The costs of such policies will be allocated among the RegCo, HoldCo, ServiceCo, Unregulated Competitive Affiliates, Unregulated Affiliates, National Grid FERC Regulated Affiliates, and National Grid Other Affiliates in an equitable manner.

3. Human Resources

3.1 Separation of Employees and Officers

RegCo will have separate employees from Unregulated Affiliates and Unregulated Competitive Energy Affiliates. Operating officers (*i.e.*, those officers providing other than corporate services) of RegCo will not be operating officers of any of the Unregulated Affiliates and Unregulated Competitive Energy Affiliates. Operating officers of RegCo that engage in legal or policy advocacy before FERC or the Commission will not be officers of National Grid FERC Regulated Affiliates. Other RegCo officers, such as Information Technology and Human Resource officers or their supervisors, may be officers of National Grid FERC Regulated Affiliates. An officer of HoldCo may not be an officer of both RegCo and an Unregulated Affiliate or Unregulated Competitive Energy Affiliate. No RegCo employee or officer will also be an employee, officer or director of any unaffiliated competitive energy firm engaged in the exploration or production, generation, retail energy services, DER, or HVAC services in RegCo's service territory. No RegCo employee or officer will also be an employee, officer or director of any unaffiliated firm engaged in competitive retail services that KEDNY or KEDLI contracts for or provides.

3.2 Employee Transfers

3.2.1 If a RegCo employee accepts a position with an Unregulated Affiliate or Unregulated Competitive Energy Affiliate, he or she will be required to resign from RegCo unless there is a conflict with the collective bargaining agreement, in which case the collective bargaining agreement would control. Any such employee will be prohibited from copying or taking any non-public customer or competitively sensitive market information from RegCo.

3.2.2 Employees may be transferred from RegCo to an Unregulated Affiliate or Unregulated Competitive Energy Affiliate. Transferred employees may not be reemployed by RegCo for a minimum of one year after transfer. Employees returning to RegCo may not be transferred again to an Unregulated Affiliate or Unregulated Competitive Energy Affiliate for a minimum of one year. RegCo will file annual reports to the Commission showing transfers between RegCo and Unregulated Affiliates or Unregulated Competitive Energy Affiliate by employee name, former company, former position, new company, new position, and salary or annualized base compensation. There will not be any temporary employee transfers between RegCo or US HoldCo and any Unregulated Affiliates.

3.2.3 Except as provided in this Section 3.2, employees may be transferred from RegCo to HoldCo, or to a National Grid FERC Regulated Affiliate and/or a National Grid Other Affiliate (and vice-versa) without restriction.

3.3 Employee Loans in an Emergency

The foregoing provisions in no way restrict any affiliate from loaning employees to RegCo to respond to an emergency that threatens the safety or reliability of service to consumers.

3.4 Compensation for Transfers to Other than a Transmission or Distribution Company

A one time employee transfer credit equal to 25% of the employee's annual salary will be applied to the deferral account for each transfer from RegCo to any Unregulated Competitive Energy Affiliate.

3.5 Employee Compensation and Benefits

The compensation of RegCo employees and officers may not be tied to the financial and/or stock performance of any Unregulated Competitive Energy Affiliate or National Grid Other Affiliate, but may be tied to the financial performance of HoldCo and stock performance of UK HoldCo.

Employees of HoldCo, RegCo, ServiceCo, Unregulated Affiliates, Unregulated Competitive Energy Affiliates, National Grid FERC Regulated Affiliates, and National Grid Other Affiliates may participate in common pension and benefit plans.

3.6 Legal Representation

With respect to all matters handled by outside counsel, HoldCo and its affiliates shall instruct outside counsel to take all reasonable steps to ensure that non-public customer and competitively sensitive information in the position of RegCo is not communicated to an affiliate.

4. Reporting

Annually, RegCo will file reports on: transfers of assets, cost allocations, employee transfers and employees in common benefit plans.

5. Access to Books, Records and Reports

Staff will have full access, on reasonable notice, and subject to resolution of confidentiality and privilege (*e.g.*, attorney client, attorney work product, self-critical) issues, to: (i) the books and records of UK HoldCo and of the US HoldCo and its majority owned subsidiaries; and (ii) the books and records of all other HoldCo subsidiaries or affiliates, in English, to the extent necessary to audit and monitor any transactions that have occurred between RegCo and such subsidiaries or affiliates. Such access to books and records will be provided at National Grid's MetroTech headquarters.

DPS Staff currently receive copies of a number of internal utility documents. It is the Companies' intention to continue to provide information with a similar scope and content to that currently provided. However, the Companies may wish to modify the form and/or content of their internal documents from time to time. In such cases, the Companies will discuss and agree with Staff the ongoing information requirements and the most appropriate way for them to be met in the future.

6. Standards of Competitive Conduct

The following standards of competitive conduct will govern RegCo's relationship with any Unregulated Competitive Energy Affiliates, Unregulated Affiliates or National Grid Other Affiliates, in addition to any already covered by the Commission's rules governing Uniform Business Practices.

6.1 Use of Corporate Name and Royalties

There are no restrictions on any affiliate using the same name, trade names, trademarks, service names, service marks or a derivative of a name of the HoldCo or RegCo, or in identifying itself as being affiliated with the HoldCo or RegCo. However, no non-National Grid company will be allowed to use the same name, trade names, trademarks, service names, service marks or a derivative of a name of RegCo in any manner, except for the purposes of assisting with the marketing of Commission approved energy efficiency programs. Further, no non-National Grid company will be allowed to use the same name, trade names, trademarks, service names, service marks or a derivative of a name of HoldCo in New York State for a period exceeding 6 months, provided that such use will be limited to the situation where National Grid has sold the relevant business (or the assets of the business) and restricted to (i) use of the National Grid logo during the pendency of the transition to new ownership (*e.g.*, vehicle and facility signage) and (ii) educating customers about the sales transaction and the impacts on customers. During that 6 month period, DPS Staff will be given the opportunity to preview any communication using National Grid's name or logo that is to be sent from a non-National Grid company to National Grid's utility customers in New York. DPS Staff may, in the exercise of reasonable discretion, reject any customer communication it deems not in compliance with this section by providing National Grid with written notice of its specific objections. A communication will be deemed acceptable unless DPS Staff objects in a writing received by the Companies within five business days of Staff's receipt of such communication from National Grid. DPS Staff and the Companies will work collaboratively to resolve any disagreement as to the content of the communication.

6.2 Sales Leads

RegCo will not provide sales leads involving customers in its service territory to any affiliated or non-affiliated companies without the advanced permission of the Commission.

6.3 Customer Inquiries

If a customer requests information about securing any service or product offered by energy services companies ("ESCOs"), the RegCo may provide a list of all known ESCOs operating in the area, which may include its Unregulated Competitive Energy Affiliate(s).

6.4 Customer Information

Except for purposes of complying with applicable statutes, regulations and orders, RegCo will not disclose to any Unregulated Competitive Energy Affiliate(s), Unregulated Affiliate(s) or non-

affiliates any customer information about its gas business that may provide a competitive advantage in the gas markets. Customer information includes, but is not limited to, confidential information that RegCo receives from a customer, prospective customer, or marketer that is not available from sources other than RegCo, unless RegCo makes such information available to all competitors on an equal basis.

RegCo shall restrict access to customer information to only those employees of RegCo, or affiliates or non-affiliates, whose functions require that they have access to such information. Such employees shall be instructed to maintain the confidentiality of such information.

6.5 No Advantage Gained by Dealing with Affiliate

6.5.1 RegCo will refrain from giving any appearance that RegCo speaks on behalf of an affiliate or that an affiliate, other than ServiceCo, speaks on behalf of the RegCo. RegCo will not participate in any joint promotion or marketing with its Unregulated Competitive Energy Affiliates or Unregulated Affiliates.

6.5.2 RegCo will not represent to any customer, supplier or third party that an advantage may accrue to such customer, supplier or third party in the use of the RegCo's services as a result of that customer, supplier or third party dealing with any affiliate.

6.5.3 RegCo's affiliates will not represent to any customer, supplier or third party that an advantage may accrue to such customer, supplier or third party in the use of the RegCo's services as a result of that customer, supplier or third party dealing with that affiliate.

6.5.4 RegCo will not cross-subsidize National Grid FERC Regulated Affiliates or any Unregulated Competitive Energy Affiliate(s) or Unregulated Affiliate(s).

6.5.5 Release of proprietary customer information relating to customers within the RegCo's service territory shall be subject to prior authorization by the customer and subject to the customer's direction regarding the person(s) to whom such information may be released. If a customer authorizes the release of information to a RegCo affiliate and one or more of the affiliate's competitors, RegCo shall make that information available to the affiliate and such competitors on an equal basis.

6.5.6 RegCo will not disclose to its affiliates any customer or marketer information relative to its service territory that it receives from a marketer, customer, or potential customer that is not available from sources other than RegCo, unless it discloses such information to its affiliates' competitors contemporaneously on an equal basis to the extent practicable.

6.5.7 RegCo will use competitive bidding practices or standard offers to purchase DER until such time as the Commission determines otherwise. If a

RegCo affiliate participates in a competitive bidding process undertaken by RegCo for DER procurement, RegCo will engage an independent party to monitor the procurement selection process.

6.5.8 These provisions do not restrict the use of the name of HoldCo or RegCo as set forth in Section 6.1.

6.6 **No Rate Discrimination**

All similarly situated customers, including ESCOs and customers of ESCOs, whether affiliated or unaffiliated, will pay the same rates for the RegCo's utility services, including those related to interconnections and dispatch. If there is discretion in the application of any tariff provision, RegCo must not offer its affiliate more favorable terms and conditions than it has offered to all similarly situated competitors of the affiliate. Should RegCo provide to an ESCO or a customer of an ESCO, whether affiliated or unaffiliated, a delivery, billing, metering, or other service set forth in its tariffs or associated operating procedures, at a discounted or negotiated rate or pursuant to a special arrangement, RegCo will expeditiously post on its website the information that the Commission requires a utility to file in association with providing a discounted or negotiated rate or special arrangement, subject to the Commission's trade secret rules, if applicable, in the same manner and within the same time period for affiliates and non-affiliates.

7. **Annual Meeting**

Senior management of RegCo and US HoldCo will meet annually with senior Commission Staff to discuss the Companies' plans related to capital attraction and financial performance.

8. **Training and Certification/Adherence to Standards**

8.1 **Training and Certification**

8.1.1 US HoldCo and RegCo will conduct training on these principles for officers, directors and senior managers. On an annual basis, designated officers should provide certification to the PSC of the companies' adherence to these standards.

8.1.2 Additionally, all RegCo employees shall receive annual training on Section 6, Standards of Competitive Conduct, to include the types of information that may or may not be shared, and RegCo policies and procedures restricting information sharing, with verification that such training has been completed.

8.2 **Adherence to Standards**

If the Commission at any time makes a finding that it believes that compliance with these provisions has been lacking, the Commission can order RegCo to pay for an independent auditor review of all applicable transactions and/or allocations.

9. Commercialization of Products and Technologies Developed as a Result of Research and Development

The Companies' affiliates may invest in commercialization of R&D products and technologies developed by RegCo consistent with its affiliate rules. If an affiliate elects to invest, it will fairly compensate RegCo, assume the business risk(s) and will be entitled to the benefits associated with that investment.

10. Dispute Resolution

If any competitor, whether an affiliated or non-affiliated company, or customer of RegCo, believes that RegCo has acted in violation of Section 2, Rules Governing Affiliate Transactions, and/or Section 6, Standards of Competitive Conduct, such competitor or customer may provide RegCo with a written notice of the complaint. RegCo will respond to any such complaint within twenty (20) business days after receipt of the complaint. Within fifteen (15) business days after responding to such complaint, the parties will meet in an attempt to resolve the matter informally. If the parties do not meet or do meet, but are not successful in resolving the matter informally, then the complainant may refer the matter to the Commission for disposition, within fifteen (15) business days of receiving RegCo's response, or in the event the parties meet, within fifteen (15) business days of such meeting. The Commission shall maintain continuing jurisdiction over Section 2, Rules Governing Affiliate Transactions, and Section 6, Standards of Competitive Conduct. The dispute resolution process will also be posted on RegCo's website.

Appendix 12

Sample Customer Advocate Check List

The Companies agree to implement training for Consumer Advocates on the use of a new proposed customer assistance checklist targeted to KEDNY/KEDLI residential customers with arrears totaling more than \$300 or who have not made a payment to KEDNY/KEDLI in three billing cycles. The following is an example of the proposed checklist:

Customers Assistance Check List

Step 1: Identify gas heating or non-heating customers who are either \$300 or more behind on their bill OR who have not made a payment to KEDLI or KEDNY within the last 3 billing cycles.

Step 2: Proceed through the checklist below:

- Temporary Assistance:** If a customer has exhausted all of the HEAP they are eligible to receive or if HEAP has closed for the season and the customer has defaulted off of a minimum DPA and is out of DPA options with their utility and has a shut off notice and cannot pay their bill, refer them to their local DSS/HRA office to see if they are eligible for a One-Shot/4 month payment - <https://otda.ny.gov/programs/heap/contacts/>

Vet customer for HEAP Eligibility and educate them on the program:

- Regular HEAP** (criteria based on income and number in the household)
 - Determine if customer received R HEAP and/or if they qualify:
 - Long Island [Grant Programs \(nationalgridus.com\)](http://nationalgridus.com)
 - NYC [Grant Programs \(nationalgridus.com\)](http://nationalgridus.com)
 - HEAP information for New York State: NYS HEAP Hotline at (800) 342-3009
 - HEAP information for New York City: NYC HEAP Infoline at (800) 692-0557
- To **apply** for R HEAP:
 - On Long Island **on-line** (only – not available for NYC customers) at <https://mybenefits.ny.gov/mybenefits/begin>
 - **In person** to find your local DSS/HRA District contact - <https://otda.ny.gov/programs/heap/contacts/>
 - **To have an application mailed in (NYC only):** (212) 331-3126
 - **In writing** – HEAP application <https://otda.ny.gov/programs/applications/3421.pdf>
 - **On Long Island** mail application to your local DSS district contact <https://otda.ny.gov/programs/heap/contacts/>
 - **In NYC** applications can be mailed to: NYC DSS/HRA/HEAP, PO Box 1401, Church Street Station, New York, NY 10008
- Emergency HEAP** (criteria based on income and number in the household and a utility disconnect notice/emergency)

- If customer has received R HEAP and has a disconnect notice – educate them on E HEAP and that they can apply by telephone (find your local DSS/HRA contact): <https://otda.ny.gov/programs/heap/contacts/>

HEAP Opens the Door to:

- **National Grid’s Energy Affordability Program** is automatic with the receipt of HEAP and affords customers **a monthly bill credit**.
 - Explain to customers they can qualify for EAP through other qualifying programs if they do not receive HEAP or if they heat with another utility or fuel vendor such as:
 - Temporary Assistance (Family Assistance)
 - Safety Net Assistance – Public Assistance
 - Supplemental Security Income (SSI)
 - Medicaid
 - SNAP (Food Stamps)
 - Veterans Disability Pension
 - Veterans Surviving Spouse Pension
 - Child Health Plus
 - **NYC EAP information:** <https://www.nationalgridus.com/NY-Home/Bill-Help/Energy-Affordability-Program>
 - Contact the NYC EAP team **by telephone** at (718) 403-2216 or **by email** at EAPNY@nationalgrid.com
 - **Long Island EAP information:** <https://www.nationalgridus.com/Long-Island-NY-Home/Bill-Help/Energy-Affordability-Program?regionkey=nylongisland&customertype=home>
 - Contact the Long Island EAP team **by telephone** at (718) 403-2216 or **by email** at EAPLI@nationalgrid.com
- HEAP’s Heating Equipment Clean & Tune
 - To apply contact the local DSS/HRA office: <https://otda.ny.gov/programs/heap/contacts/>
- HEAP’s Heating Equipment Repair & Replacement
 - To apply contact the local DSS/HRA office: <https://otda.ny.gov/programs/heap/contacts/>
- HEAP’s Cooling Benefit
 - To apply contact the local DSS/HRA office: <https://otda.ny.gov/programs/heap/contacts/>
- **Energy Assistance for Veteran’s (Don’t forget EAP)**
 - <https://freegrantsforveterans.org/>
 - [New York State Division of Veterans' Services | \(ny.gov\)](https://www.ny.gov/)

Offer to help customers find needed services in New York State:

- NYS Find Services: <https://findservices.ny.gov/app/survey>

Energy Efficiency:

- Weatherization Assistance Program (WAP)
 - [Resources for Working Families | OTDA \(ny.gov\)](#)
- Empower New York for **Metro NY**
 - [EmPower New York - NYSERDA](#) or call 1-877-NYSMART
- National Grid's HEAT Program for **Long Island**
 - [Income Eligible Program | National Grid \(nationalgridus.com\)](#)

Fuel Funds:

- National Grid's NYC Neighborhood Heating Fund
 - [HeartShare Human Services of New York | Energy Assistance & Community Development](#) or call (718) 422-4207 to apply
- United Way's Long Island's Project Warmth
 - [Project Warmth Emergency Fuel Fund | United Way of Long Island \(unitedwayli.org\)](#) or call 2-1-1 or 1-888-774-7633

SUBJECT: Filing by THE BROOKLYN UNION GAS COMPANY D/B/A NATIONAL GRID NY

Amendments to Schedule P.S.C. No. 12 - Gas

Original Leaves Nos. 79.1.2, 114.4, 114.5, 138.52.1, 138.55.2
First Revised Leaves Nos. 138.55.1, 202.2, 211.2, 224.2, 427.34, 427.35, 427.36, 427.37, 427.38, 427.39, 427.40, 427.41, 427.42, 427.43, 427.44, 427.45, 431.1
Second Revised Leaves Nos. 79.14, 100, 101, 102, 103, 104, 105, 106, 374.1, 375.1, 400.2
Third Revised Leaves Nos. 79.6.1, 79.6.2, 79.9.1, 79.13, 79.15, 99, 108.1, 131, 138.55, 176, 188, 189, 190, 191, 205.1, 215.1, 406.6
Fourth Revised Leaves Nos. 10, 60, 76.1, 79.4, 79.5, 79.6, 79.10, 79.11, 114.3, 138.53, 175.1, 178, 179, 181.1, 200, 222, 227.1, 227.2, 379.2, 427.14
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SUBJECT: Filing by KEYSpan GAS EAST CORPORATION D/B/A NATIONAL GRID

Amendments to Schedule P.S.C. No. 1 - Gas

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119.52.1.1, 119.52.5, 219, 220, 221, 222, 223, 224,
225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235,
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73.5, 79.3, 95, 96, 111, 119.52.1, 165, 183.2
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119.50.1, 131, 132, 154.6, 171, 174.1, 176.1
Fifth Revised Leaves Nos. 15, 15.1, 50.1, 62, 64.1,
69.2, 71.1, 79.1, 79.2.3, 109, 115, 154.3, 154.4,
154.5, 183.3
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