

Philip A. DeCicco Vice President & Deputy General Counsel

April 28, 2023

Honorable, Michelle L. Phillips Secretary New York State Public Service Commission Office of the Secretary, 19th Floor Three Empire State Plaza Albany, New York 12223

Dear Secretary Phillips:

The Brooklyn Union Gas Company d/b/a National Grid NY ("KEDNY") and KeySpan Gas East Corporation d/b/a National Grid ("KEDLI") (collectively, "National Grid" or the "Companies") submit these rate filings in accordance with the requirements of the New York State Public Service Commission ("Commission") to set revised rates for gas service in their service territories. The proposed rate structure will enable the Companies to continue providing safe and reliable service, expand and enhance customer programs, and support New York's energy policies.

National Grid's vision is to be at the heart of a clean, fair, and affordable energy future, while ensuring the safety and reliability of our energy networks. These rate filings demonstrate National Grid's commitment to continuing its broad support of New York's energy goals and meeting the challenges of climate change, while also ensuring the overall reliability, resiliency, and affordability of the energy system. In these rate filings, the Companies are proposing numerous programs that will reduce emissions and advance the clean energy goals of the Climate Leadership and Community Protection Act ("CLCPA"). Among the specific programs are targeted main replacement, a new leak repair program, extending an unprecedented ramp-up in energy efficiency, and promotion of weatherization. Taken together, the Companies estimate these investments and programs have the potential to reduce greenhouse gas ("GHG") emissions by more than a million metric tons of CO2e over the course of the proposed four-year rate plan.

As the stewards of energy networks serving two million customers in downstate New York, the Companies are first and foremost focused on providing customers with safe and reliable energy service. We have seen the results of that focus over the term of the current rate plan, which featured the following performance highlights:

• Expanded Energy Efficiency: In 2022, the Companies delivered 50% more energy efficiency savings than just two years earlier. We launched new weatherization programs in 2021 and are reducing peak gas usage through expanded demand response programs that

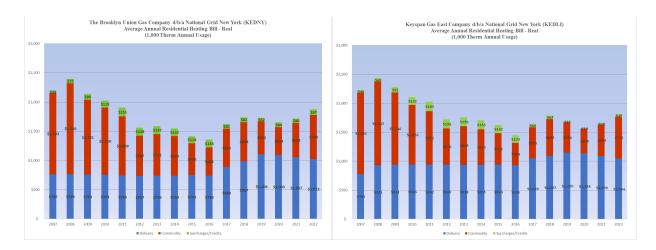
saw a 250% increase in participation levels since 2019. More than 18,000 residential customers have enrolled in our smart thermostat program.

- Leak and Emissions Reductions: Since 2013, we have retired more than 1,500 miles of leak-prone main in downstate New York including nearly 500 miles during the current rate plan. Our main retirement and leak reduction programs have dramatically reduced the backlog of system leaks, while steadily lowering fugitive emissions over the same period (an estimated reduction of 28% at KEDNY and 32% at KEDLI).
- Ensure Safety and Reliability: Years of investment to upgrade the gas networks are reflected in our system performance and reliability, which were put to the test during severe cold weather events this past winter. Importantly, the Companies have met their gas safety performance metrics in every year of the current rate plan. We are conducting more safety inspections and leak surveys, and recently implemented industry leading pipeline safety standards.
- Focused on Customer Affordability: We have met or exceeded our customer service quality metrics every year since 2015. The energy affordability programs have reduced bills for customers by approximately \$50 million/year, while also directing \$150 million in financial relief to 133,000 customers struggling through the COVID-19 pandemic.
- Advancing Our Shared Energy Vision: The Companies have delivered on their commitments to implement new projects, programs, and ways of working to support New York's clean energy priorities, including targeting gas usage reductions through greater reliance on demand-side solutions. We also ceased gas marketing activities and conversion incentives and are instead promoting non-gas alternatives.

As we approach the end of the current rate plan, and to help achieve the broad and critical energy priorities for New York, we must update delivery rates to reflect the Companies' true cost of providing service. The proposed rate increases are vital and necessary to enable continued safe and reliable service, as well as to fund the projects and programs necessary to deliver the safer and more reliable energy future our customers expect and deserve over the next four years and beyond.

The Rate Filings

As a result of our overall commitment to affordability, the Companies' efficiency initiatives and relatively low commodity costs in recent years have contributed to an extended period of energy price stability. Adjusted for inflation, typical residential customers paid less this past winter for gas service than they did 15 years ago, during which time the Companies have invested billions of dollars to upgrade infrastructure, expand energy efficiency and customer programs, and comply with new safety mandates.



Notwithstanding the Companies' efforts to keep the cost of delivering energy as flat as possible during the current rate plan, there are several factors prompting the need for the requested rate relief, including the macro-economic factors that every business is grappling with, most notably: (i) the rising cost of materials due, in part, to global inflation and supply chain shortages, (ii) increases in contractor costs, and (iii) property tax increases. Specific to our business, cost drivers include federal and state pipeline safety mandates requiring critical system investments and upgrades, which now account for nearly 70% of the capital portfolio, as well as the associated costs to deliver expanded energy efficiency and other demand reduction offerings.

In these rate filings, KEDNY and KEDLI seek to increase revenues by \$414 million and \$228 million, respectively, for the twelve months ending March 31, 2025 ("Rate Year"). This equates to an overall increase in delivery revenue of 28% for KEDNY (17% of total revenue) and 24% for KEDLI (14% of total revenue). A typical KEDNY residential heating customer will see a \$30.95 monthly increase, equating to a 17.2% increase in their total bill (26.1% on delivery rates). A typical KEDLI residential heating customer will see a \$28.52 monthly increase, equating to a 16.3% increase in their total bill (25.1% on delivery rates). The effect on an individual customer's monthly bills will vary depending on usage and service classification.

KEDNY	Residential Non-Heat	Residential Heat	Commercial Heat	Multi-Family
Delivery %	34.5%	26.1%	23.5%	27.2%
Total %	29.9%	17.2%	13.5%	12.5%
Monthly \$	\$12.35	\$30.95	\$78.69	\$227.46

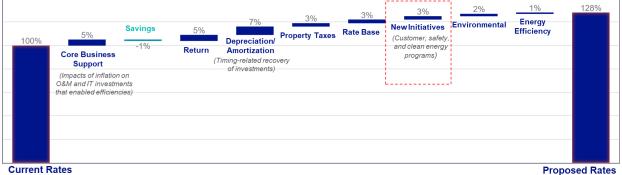
KEDLI	Residential Non-Heat	Residential Heat	Commercial Heat	Multi-Family
Delivery %	29.9%	25.1%	18.2%	25.9%
Total %	24.8%	16.3%	10.8%	11.4%
Monthly \$	\$15.41	\$28.52	\$70.55	\$300.80

Bill impacts represent the average usage for a customer in the service class.

Significant Impact of Inflation & Rising Costs

As depicted in the charts below, the proposed bill increases are largely driven by a combination of inflation and cost factors beyond National Grid's immediate control, including core business cost increases, safety and compliance mandates, property taxes (accounting for nearly 37% of KEDLI's required increase), environmental remediation, energy efficiency, market conditions (return and interest rates), and other non-controllable costs. It is important to recognize that new initiatives, such as new customer programs, account for a relatively small portion of the proposed increases. To help offset the need for rate relief and mitigate the bill impacts of the proposed increases, the Companies are doing their utmost to manage controllable costs in a high-inflation environment and have implemented various saving measures. For example, our work to identify efficiencies has reduced the Companies' combined revenue requirements by more than \$70 million in the Rate Year alone.

KEDNY Revenue Requirement



KEDLI Revenue Requirement



Key Priorities of the Rate Filings

As part of our commitment to build a safer, more reliable energy system for New York, we are focused on three critical priorities for these rate filings. First, continuing to meet our core obligation to deliver safe, reliable energy service to our nearly two million customers. Second, enabling customers to affordably meet their energy needs, especially for our financially vulnerable customers, while also improving the customer experience. Third, supporting the clean energy transition and advancing the goals in the CLCPA.

Priority #1: Delivering Safe, Reliable Service

The Gas Infrastructure and Operations Panels discuss the proposed investments necessary to ensure the continued delivery of reliable energy in downstate New York to meet customer needs. The panels also discuss the Companies' efforts to reduce capital costs from planning and budgeting through construction, as well as efforts to identify non-pipes alternatives.

Leak Reduction and Main Replacement. New York has among the highest concentrations of aging, leak-prone pipe ("LPP") in the country – much of which is found in the Companies' service territories. Our LPP retirement program prioritizes the highest-risk, highest-emitting pipeline segments to ensure we are directing resources to the projects that will provide maximum value when considering safety, reliability, and emissions reductions. At the same time, we are also determined to help mitigate the impacts of our capital investments on customer bills by adopting new cost-effective strategies, while maintaining our commitment to safety and reliability. Specifically, we are proposing moderated programs that will effectively maintain the current pace of retirements and enable continued progress through a more deliberate, targeted replacement strategy.

As part of our commitment to improved system performance and reducing GHG emissions, we are also proposing to aggressively repair gas leaks to drive further emissions reductions, including a new program that will deploy advanced leak detection technology to identify and prioritize the repair of high-emitting leaks. By the end of the proposed rate plan, KEDNY projects that it will have reduced its leak backlog by 80 percent and KEDLI by more than 90 percent compared to the peaks experienced in 2011-2013.

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Actual Projected

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KEDNY and KEDLI Leak Backlog 2011 to 2027

Resiliency and Storm Hardening. Weather events such as Superstorm Sandy (2012), the Polar Vortex (2014), and Winter Storm Elliott (December 2022), and the expectation that similar events will occur with increasing frequency, highlight the need for more reinforcement and resiliency projects to ensure the continued provision of safe and reliable service to customers. To this end, these filings include investments in system automation, safety valves, pipeline integrity, and storm hardening projects to increase the resiliency of critical energy infrastructure.

Priority #2: Meeting the Needs of Our Customers

Being at the heart of a clean, fair, and affordable energy future requires us to maintain our longstanding focus on our customers and do all we can to keep energy affordable. The initiatives we are proposing are designed to ensure energy affordability, improve the customer experience and maintain high levels of customer satisfaction:

- *Empowering Energy Affordability Programs*: These rate filings will fund approximately \$86 million in annual bill credits for low-income customers through the Companies' Energy Affordability Programs. Funding is critically important, as is identifying and enrolling eligible customers in available assistance programs. To address this challenge, the Companies are proposing an expanded marketing and outreach plan for these programs.
- Expanding Support for Disadvantaged Communities: To enable a fair and equitable energy transition for all, the Companies are enhancing their outreach in disadvantaged communities, deploying additional resources focused on supporting customers with bill assistance and targeted efficiency programs, implementing an energy efficiency language access pilot to facilitate adoption of energy-saving technologies among non-English speaking customers, and reframing our economic development programs to target businesses in disadvantaged communities.
- *Increasing Consumer Advocates*: Our advocates support the Companies' most vulnerable customers by connecting them with programs and services offered by the Companies, government agencies, and local services organizations. Additional Consumer Advocates are needed to support the growing number of customers who are having trouble paying their bills by enabling outreach to thousands of additional households.
- *Eliminating Credit Card Fees*: We are proposing to implement a "no-fee" model for residential customer payments using debit or credit cards, which will help meet customers' expectations for improved electronic payment options, lower fees to customers, and avoid using customers' public assistance benefits to pay administrative transaction costs.
- *Improving the Customer Experience*: The Companies are proposing customer service enhancements responsive to evolving demands and heightened customer expectations through technology and process upgrades that will enable more self-service options.

Priority #3: Advancing the CLCPA

For National Grid, these rate cases represent an opportunity to advance and support the goals of the CLCPA. Specifically, the Climate Action Council's *Scoping Plan* and the Commission's orders on CLCPA implementation have helped focus our filings on improving core gas service while also advancing well-supported public policies in the areas of emissions reduction, demand-side management, vehicle electrification, and fuel decarbonization. In addition to reducing GHG emissions through leak reductions, the Companies' CLCPA-supporting initiatives include:

- **Promoting Energy Efficiency and Demand Response:** Energy efficiency investments provide immediate GHG reduction while empowering customers to take control over energy consumption and reduce costs. These rate filings propose more than \$70 million/year in energy efficiency offerings, as well as new programs that will reach more customers and increase participation in disadvantaged communities.
- *Targeting Gas Usage Reductions*: The Companies are again committing to operate their businesses with the goal of reducing billed gas usage against forecast levels through energy efficiency and other demand reduction programs.
- *Targeted Non-Pipes Alternatives*: The Companies have conducted non-pipes alternative assessments as part of the engineering and capital planning for the projects proposed in these cases, and reaffirm their commitment to annually identify leak-prone pipe segments that can be retired using non-pipes alternatives.
- Continued Electrification Referrals and Geothermal Projects: Both KEDNY and KEDLI propose to continue their existing program to refer prospective gas customers to electrification programs (i.e., heat pump programs) to support increased adoption in our service territories. The Companies are also advancing geothermal projects enabled by the Utility Thermal Energy Network and Jobs Act.¹
- **Decarbonizing the Gas Supply:** The Companies believe a balanced approach to the energy transition must leverage the existing energy networks to provide continued value and emissions benefits. To this end, the Companies propose to interconnect four renewable natural gas projects planned in their service territories, and a unique opportunity to use an existing green hydrogen facility for blending in a closed system on Long Island.
- *Fleet Electrification*: We are proposing to replace nearly 650 internal combustion engine vehicles with electric vehicles ("EVs"). The Companies are proposing to deploy the largest number of EVs at operating yards located within the boundaries of disadvantaged communities, which will improve air quality and ambient noise in those neighborhoods.

¹ Although the Companies discuss their geothermal efforts as part of this filing, the specific projects are being separately considered by the Commission in the Utility Thermal Energy Network Proceeding (Case 22-M-0429).

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Proposed Term of Rate Plan

While the Companies' filings propose new rates for the Rate Year only, cost data for three additional years have been included to facilitate a potential multi-year settlement. The Companies believe that a multi-year settlement would allow for a phase in of the revenue increases and the ability to better manage customer bill impacts and affordability.

Information Accompanying this Rate Filing

The rate plans proposed in this filing require increases to the Companies' charges for gas service and changes to other provisions of the Companies' tariffs. The Companies provide revised tariff leaves and descriptions in the following attachments:

Attachment A – Revised tariff leaves for KEDNY's tariff, P.S.C. No. 12 – Gas²

Attachment B – Revised tariff leaves for KEDLI's tariff, P.S.C. No. 1 – Gas

Attachment C – Summary of Written Testimony and Exhibits Supporting Filing

Attachment D – Notices of Proposed Rulemaking under the State Administrative Procedure Act

Attachment E – Method of Service Forms Consenting to Electric Service of Documents

The revised tariff leaves are proposed to be initially effective June 3, 2023. However, the Companies understand that, after customary suspension periods, the leaves will likely become effective April 1, 2024.

Conclusion and Notice Requirements

National Grid's core responsibility is providing safe and reliable service to the millions of customers and communities who rely on us for life-sustaining energy, while building and maintaining the delivery networks that will support the energy future for the next generation of New Yorkers. The proposals in these rate cases will modernize the Companies' infrastructure, reduce system emissions, improve safety, enhance and improve customer service, and deliver aggressive energy efficiency and other non-infrastructure programs. To achieve these critical energy priorities, it is necessary to update our delivery rates to ensure we meet the energy needs of millions of customers, maintain financial stability and enable access to debt capital that will fund needed investments. Recognizing the imperative to manage customers' bills, these filings balance the need for continued investment with the need to maintain affordability and protect our most vulnerable customers.

The prepared written testimony and exhibits of the Companies' witnesses, as identified in Attachment C, constitute the Companies' direct case in support of these rate filings. The testimony, exhibits, and tariff leaves submitted herein explain the need for the Companies' proposed changes to rates and services. The Companies' respectfully request that, in the absence of agreement of the parties, the Commission approve the changes to become effective on April 1,

² The revised tariff sheets are being transmitted electronically to the Commission contemporaneously with this filing in accordance with applicable procedures. Copies are included with this transmittal letter.

2024. Newspaper publication will be made in accordance with \$66(12) of the Public Service Law and 16 NYCRR \$720-8.

The Companies look forward to working with Department of Public Service Staff and other interested parties to implement the new rate plans and work towards investments that will provide a safe, reliable energy future for customers.

Respectfully submitted,

/s/ Philip A. DeCicco
Philip A. DeCicco

Attachments

cc: New York State Department of State, Utility Intervention Unit

ATTACHMENT A

List of Revised Tariff Leaves KEDNY P.S.C. No. 12 – Gas Tariff The tariff leaves submitted for filing are as follows:

KEDNY Tariff - P.S.C. No. 12 Gas

Third Revised Leaf No. 7.1 Twelfth Revised Leaf No. 35 Eleventh Revised Leaf No. 40 Eighth Revised Leaf No. 55 Ninth Revised Leaf No. 55.2 Fourth Revised Leaf No. 64 Twenty-Fourth Revised Leaf No. 67 Twenty-Third Revised Leaf No. 69 Twenty-First Revised Leaf No. 72 Twenty-Second Revised Leaf No. 73 Second Revised Leaf No.79.1.1 Seventeenth Revised Leaf No. 79.2 Twelfth Revised Leaf No. 79.3 Sixth Revised Leaf No. 79.5 Sixth Revised Leaf No. 79.6 Fifth Revised Leaf No. 79.6.1 Fourth Revised Leaf No. 79.6.2 Seventh Revised Leaf No. 79.7 Seventh Revised Leaf No. 79.8 Fifth Revised Leaf No. 79.9 Fifth Revised Leaf No. 79.9.1 Sixth Revised Leaf No. 79.11 Tenth Revised Leaf No. 79.12 Twenty-Fourth Revised Leaf No. 81 Fourth Revised Leaf No. 91 First Revised Leaf No. 93.1 Eleventh Revised Leaf No. 95 Thirteenth Revised Leaf No. 108 Eighth Revised Leaf No. 114.1 Tenth Revised Leaf No. 114.2 Eighth Revised Leaf No. 114.3 Twenty-Third Revised Leaf No. 138.49 Eleventh Revised Leaf No. 138.50.1 Fourteenth Revised Leaf No. 138.52 Eighth Revised Leaf No. 138.53 Twelfth Revised Leaf No. 138.54 Third Revised Leaf No. 138.55.2 First Revised Leaf No. 138.55.2.1 Second Revised Leaf No. 138.55.3 Second Revised Leaf No. 138.55.4 First Revised Leaf No. 138.55.5 Original Leaf No. 138.55.7.1

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Tenth Revised Leaf No. 138.56 Twenty-Ninth Revised Leaf No. 140 Twenty-Ninth Revised Leaf No. 144 Twenty-Sixth Revised Leaf No. 148 Twenty-Fifth Revised Leaf No. 156 Twelfth Revised Leaf No. 158.1 Twenty-Eighth Revised Leaf No. 159 Twenty-Ninth Revised Leaf No. 160 Twenty-Sixth Revised Leaf No. 163 Fifteenth Revised Leaf No. 164 Twenty-Sixth Revised Leaf No. 167 Fourteenth Revised Leaf No. 168 Twenty-Second Revised Leaf No. 171 Nineteenth Revised Leaf No. 172 Eighteenth Revised Leaf No. 229 Thirtieth Revised Leaf No. 339 Twenty-Eighth Revised Leaf No. 340 Thirty-First Revised Leaf No. 341 Seventeenth Revised Leaf No. 372 Twentieth Revised Leaf No. 373 Ninth Revised Leaf No. 427.4 Eighth Revised Leaf No. 427.7 Third Revised Leaf No. 427.12 Tenth Revised Leaf No. 427.28 Tenth Revised Leaf No. 427.29 Sixth Revised Leaf No. 427.34 Fourth Revised Leaf No. 427.34.1 First Revised Leaf No. 427.34.2

Initial Effective Date: June 3, 2023

ATTACHMENT B

List of Revised Tariff Leaves KEDLI P.S.C. No. 1 – Gas Tariff The tariff leaves submitted for filing are as follows:

KEDLI Tariff—P.S.C. No. 1 Gas

Seventh Revised Leaf No. 6.1 Twenty-Fifth Revised Leaf No. 14 Twelfth Revised Leaf No. 14.1 Second Revised Leaf No. 15.3 Twelfth Revised Leaf No. 17.1 Fifth Revised Leaf No. 45 Seventh Revised Leaf No. 50.1 Seventh Revised Leaf No. 62 Ninth Revised Leaf No. 63 Eleventh Revised Leaf No. 63.1 Fifth Revised Leaf No. 66 Thirteenth Revised Leaf No. 69.1 First Revised Leaf No. 69.1.1 Twenty-Fifth Revised Leaf No. 72 Fourteenth Revised Leaf No. 72.1 Seventh Revised Leaf No. 72.2 Ninth Revised Leaf No. 73 Fifth Revised Leaf No. 73.1.1 Tenth Revised Leaf No. 73.2 Thirteenth Revised Leaf No. 75 Ninth Revised Leaf No. 78 Twelfth Revised Leaf No. 79.2 Ninth Revised Leaf No. 79.2.3 Third Revised Leaf No. 79.3.1 Eighteenth Revised Leaf No. 119.49 Seventh Revised Leaf No. 119.50.1 Eleventh Revised Leaf No. 119.51 Fourteenth Revised Leaf No. 119.52 Seventh Revised Leaf No. 119.52.1 Eleventh Revised Leaf No. 119.52.2 Third Revised Leaf No. 119.52.5 First Revised Leaf No. 119.52.5.1 Second Revised Leaf No. 119.52.6 First Revised Leaf No. 119.52.7 Original Leaf No. 119.52.10 Fifteenth Revised Leaf No. 119.53 Twenty-second Revised Leaf No. 121 Twenty-First Revised Leaf No. 122 Ninth Revised Leaf No. 122.1

Attachment B Page 2 of 2

Eighteenth Revised Leaf No. 122.2 Eighteenth Revised Leaf No. 122.3 Twentieth Revised Leaf No. 124 Nineteenth Revised Leaf No. 125 Nineteenth Revised Leaf No. 127 Sixteenth Revised Leaf No. 128 Twenty-Eighth Revised Leaf No. 137 Fourteenth Revised Leaf No. 137.1 Twenty-Eighth Revised Leaf No. 138 Fifteenth Revised Leaf No. 162 Eighth Revised Leaf No. 186 Fourth Revised Leaf No. 189 Third Revised Leaf No. 194 Fifteenth Revised Leaf No. 211 Sixteenth Revised Leaf No. 213 Twelfth Revised Leaf No. 215 Twelfth Revised Leaf No. 216 Sixth Revised Leaf No. 219 Second Revised Leaf No. 219.1 Fifth Revised Leaf No. 231

Initial Effective Date: June 3, 2023

ATTACHMENT C

Summary of Written Testimony and Exhibits Supporting Filing

The Brooklyn Union Gas Company d/b/a National Grid NY 2023 Gas Rate Case Summary of Written Testimony and Exhibits Supporting Filing

Witness	Title	Purpose of Testimony
Policy Panel		· ·
Rudolph L. Wynter, Jr. James M. Molloy	President, New York Vice President, New York	Policy issues and overview of filing
Patric R. O'Brien	Regulation and Pricing Vice President, Regulation	Management audit and other
	and Pricing	operational audits
Capital Structure Panel		
Christopher Porter	Senior Manager, Corporate Finance	Cost of capital and capital structure
Keith Magee	Director, Regulatory Strategy and Analysis	
Joshua C. Nowak	Concentric Energy Advisors	Return on Equity
Charles F. Willard	Director, NY Environmental	Site Investigation and Remediation ("SIR") Program
Ned W. Allis	Gannett Fleming Valuation and Rate Consultants, LLC	Depreciation
Climate Leadership and Community Protection Act ("CLCPA") Panel		
Karsten A. Barde Patricia J. Dorsch	Director, US Policy and Regulatory Strategy Director, New York Environmental Sustainability	Rate case alignment with the requirements of the CLCPA, GHG emissions reductions, support for Disadvantaged Communities, and Earnings
Meghan McGuinness	Director, US Regulatory Strategy	Adjustment Mechanisms ("EAMs")
Customer Panel		
Chris McCusker	Vice President, Energy Efficiency Program Management	Enhancing the customer experience, uncollectible expense, customer service quality metrics, low-income
Brittney Pietro	Manager, Low-to-Moderate Income Customer Support Products	programs, call center, and credit card fees
Arlene Gans	Director, Customer Contact Centers, New York	
Kristin Hess	Director, Customer Operations and Vendor Management	

Witness	Title	Purpose of Testimony
Jeff Koenig	Director, Credit and Collections and Payment Processing	
Gas Load Forecasting Panel		Can rate favorant
Theodore E. Poe, Jr.	Manager, Gas Load Forecasting	Gas sales forecast
Shilpa Sethia	Manager, Distributed Energy Resources, Policy, and Economic Analysis	
Thomas Gumbley	Senior Data Scientist, Gas Load Forecasting	
Gas Supply Panel		
Elizabeth D. Arangio	Director, Gas Supply Planning	Gas supply procurement
Samara Jaffe	Director, Gas Contracts, Compliance, and Hedging	
Robert K. Moore	Manager, Gas Supply Planning	
Gas Safety Panel		
Ross W. Turrini	Chief Operating Officer, New York Gas	Gas safety programs and performance metrics
Aaron J. Choo	Vice President, Downstate New York Gas Field Operations and Programs	
Mark Prewitt	Vice President, Gas Pipeline Safety and Compliance	
Gas Infrastructure and Operations Panel		
Ross W. Turrini	Chief Operating Officer, New York Gas	Capital infrastructure and gas system operations, and facility
Aaron J. Choo	Vice President, Downstate New York Gas Field Operations and Programs	investments
Patty McVeigh	Director, Gas Investment Planning and Rate Case Support	
Pradheep Kileti	Director, Future of Heat Engineering and R&D Program Management	

Witness	Title	Purpose of Testimony
Srividya Madhusudhan	Vice President, Head of Operations Support, New York	
Human Resources Panel		
Maureen P. Heaphy	Vice President, US Compensation, Benefits and Pensions	Employee compensation and benefits
Vishal Singh	Director, Global Compensation	
Information Technology and Digital Panel ("IT&D")		
Erik Barthel	Chief Information and Digital Officer, New York	IT&D investments and initiatives
Jeff Knighton	Director, US IT&D Regulatory	
Chris Murphy	Group Chief Information Security Officer	
Revenue Requirements Panel		
James M. Molloy	Vice President, New York Regulation and Pricing	Revenue requirements
Paula Leaverton	Director, US Property Tax	
Mark W. Stiner	Principal Analyst, New York Revenue Requirements	
John E. O'Shaughnessy	Director, New York Revenue Requirements	
Sam Dunton	Director, NY Performance and Regulatory	
Rate Design Panel	-	
Kellie I. Smith	Director, New York Pricing	Rate design issues
Dawn M. Herrity	Principal Program Manager, New York Gas Pricing	
Melissa M. Barnes	Manager, New York Gas Pricing	
Howard S. Gorman	HSG Group Inc.	
KEDNY Gas Tariff		P.S.C. No. 12 – Gas

KeySpan Gas East Corporation d/b/a National Grid 2023 Gas Rate Case Summary of Written Testimony and Exhibits Supporting Filing

Witness	Title	Purpose of Testimony
Policy Panel		
Rudolph L. Wynter, Jr.	President, New York	Policy issues and overview of filing
James M. Molloy	Vice President, New York Regulation and Pricing	
Patric R. O'Brien	Vice President, Regulation and Pricing	Management audit and other operational audits
Capital Structure Panel		
Christopher Porter	Senior Manager, Corporate Finance	Cost of capital and capital structure
Keith Magee	Director, Regulatory Strategy and Analysis	
Joshua C. Nowak	Concentric Energy Advisors	Return on Equity
Charles F. Willard	Director, NY Environmental	SIR Program
Ned W. Allis	Gannett Fleming Valuation and Rate Consultants, LLC	Depreciation
Climate Leadership and Community Protection Act ("CLCPA") Panel		
Karsten A. Barde	Director, US Policy and Regulatory Strategy	Rate case alignment with the requirements of the CLCPA, GHG emissions reductions,
Patricia J. Dorsch	Director, New York Environmental Sustainability	support for Disadvantaged Communities, and Earnings Adjustment Mechanisms
Meghan McGuinness	Director, US Regulatory Strategy	("EAMs")
Customer Panel	5,	
Chris McCusker	Vice President, Energy Efficiency Program Management	Enhancing the customer experience, uncollectible expense, customer service
Brittney Pietro	Manager, Low-to-Moderate Income Customer Support Products	quality metrics, low-income programs, call center, and credit card fees
Arlene Gans	Director, Customer Contact Centers, New York	
Kristin Hess	Director, Customer Operations and Vendor Management	

Witness	Title	Purpose of Testimony
Jeff Koenig	Director, Credit and	
	Collections and Payment	
Cas I and Formassting	Processing	
Gas Load Forecasting Panel		
Theodore E. Poe, Jr.	Manager, Gas Load Forecasting	Gas sales forecast
Shilpa Sethia	Manager, Distributed Energy Resources, Policy, and Economic Analysis	
Thomas Gumbley	Senior Data Scientist, Gas Load Forecasting	
Gas Supply Panel		
Elizabeth D. Arangio	Director, Gas Supply Planning	Gas supply procurement
Samara Jaffe	Director, Gas Contracts, Compliance, and Hedging	
Robert K. Moore	Manager, Gas Supply Planning	
Gas Safety Panel		
Ross W. Turrini	Chief Operating Officer, New York Gas	Gas safety programs and performance metrics
Aaron J. Choo	Vice President, Downstate New York Gas Field Operations and Programs	
Mark Prewitt	Vice President, Gas Pipeline Safety and Compliance	
Gas Infrastructure and Operations Panel		
Ross W. Turrini	Chief Operating Officer, New York Gas	Capital infrastructure and gas system operations, and facility investments
Aaron J. Choo	Vice President, Downstate New York Gas Field Operations and Programs	investments
Patty McVeigh	Director, Gas Investment Planning and Rate Case Support	
Pradheep Kileti	Director, Future of Heat Engineering and R&D Program Management	
Srividya Madhusudhan	Vice President, Head of	

Witness	Title	Purpose of Testimony
	Operations Support, New York	
Human Resources Panel		
Maureen P. Heaphy	Vice President, US Compensation, Benefits and Pensions	Employee compensation and benefits
Vishal Singh	1 Chistoris	
	Director, Global Compensation	
Information Technology and Digital ("IT&D") Panel		
Erik Barthel	Chief Information and Digital Officer, New York	IT&D investments and initiatives
Jeff Knighton	Director, US IT&D Regulatory	
Chris Murphy	Group Chief Information Security Officer	
Revenue Requirements Panel		
James M. Molloy	Vice President, New York Regulation and Pricing	Revenue requirements
Paula Leaverton	Director, US Property Tax	
Mark W. Stiner	Principal Analyst, New York Revenue Requirements	
John E. O'Shaughnessy	Director, New York Revenue Requirements	
Sam Dunton	Director, NY Performance and Regulatory	
Rate Design Panel		
Kellie I. Smith	Director, New York Pricing	Rate design issues
Dawn M. Herrity	Principal Program Manager, New York Gas Pricing	
Melissa M. Barnes	Manager, New York Gas Pricing	
Howard S. Gorman	HSG Group Inc.	
KEDLI Gas Tariff		P.S.C. No. 1 – Gas

ATTACHMENT D

Notices of Proposed Rulemaking Under the State Administrative Procedure Act

			For Department of State u
Votic	e of Pro	posed Rui	le Making
Rate	e Making	g only)	Public Service Commission (SUBMITTING AGENCY)
NOTI			ions are at the end of this form. Please be sure to COMPLETE ALL ITEMS. or rejection of this notice change in text.
The NY			oposal filed by The Brooklyn Union Gas Company d/b/a National Grid es, charges, rules and regulations as contained in Tariff Schedules P.S.
		under which the ru v, sections 5, 65, a	• •
Prop	ect of the rule: posed major in nues).	crease in KEDNY's	s gas delivery revenues by \$414 million (17% increase in total
To e	ose of the rule ensure safe an erences.		e at just and reasonable rates charged to customers without undue
_	_		lete as applicable):
_	A public he days after p	earing is required by publication of this n	uled. (SKIP TO ITEM 8) y law and is scheduled below. (Note: first hearing date must be at least 60 notice unless a different time is specified in statute.)
Time:] A public he	earing is not require Date:	ed by law, but is scheduled below. Location:

DOS-1762 (1/18)

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7. Accessibility (ch	heck appropriate box only if a public	hearing is scheduled):
:		at places reasonably accessible to persons with a mobility
impairm		that are not reasonably accessible to persons with a mobility
		that are not reasonably accessible to persons with a mobility garding diligent efforts made to provide accessible hearing
8. Terms of rule (S	SELECT ONE SECTION):	
	I text of the rule is attached because	e it does not exceed 2,000 words.
D. []	mary of the rule is attached because ext of such rule is not required [SAF	e the full text of the rule exceeds 2,000 words. Web posting PA §202(1)(a)].
substar		y elects to print a description of the subject, purpose and \$102(2)(a)(ii) [Rate Making]. Web posting of full text of such
9. The text of the rul	le and any required statements and	I analyses may be obtained from:
Agency contact		
Agency Name	Public Service Commission	
Office address	3 Empire State Plaza, Albany, NY	12223-1350
Telephone		E-mail:
10. Submit data, vie	ews or arguments to (complete only	if different than previously named agency contact):
Agency contact	Michelle L. Phillips	
Agency name	Public Service Commission	
Office address	3 Empire State Plaza, Albany, NY	12223-1350
Telephone	(518) 474-6530	E-mail: secretary@dps.ny.gov
	t will be received until:	
[x] 60 days	after publication of this notice (MI	NIMUM public comment period).
[] 5 days aft	ter the last scheduled public hearing	required by statute (MINIMUM, with required hearing).
[] Other: (s _t	pecify)	·
	ncy rule making for this action was p	previously published in the
		
	er required by statute: e below material required by statute).
[X] No addition	al material required by statute.	

NOTICE OF PROPOSED RULE MAKING (Rate Making	g) (1/18) PAGE 3 OF 3
14. Regulatory Agenda [See SAPA §202-d(1)]:	in the following issue of the State Register
	he time this agency's Regulatory Agenda was submitted for
[x] Not applicable.	
Impact Statement	bility Analysis, Rural Area Flexibility Analysis and Job notice because the proposed rule is within the definition contained ure Act.
16. PUBLIC SERVICE COMMISSION ONLY:	
SAPA NO	
AGENCY CERTIFICATION (To be completed by the person	n who PREPARED the notice.)
I have reviewed this form and the information submitted with it. knowledge.	The information contained in this notice is correct to the best of my
I have reviewed Article 2 of SAPA and Parts 260 through 263 capplicable provisions.	of 19 NYCRR, and I hereby certify that this notice complies with all
Name	Signature
Address	
Telephone	E-Mail
Date	_

Please read before submitting this notice:

- 1. Except for this form itself, all text must be typed in the prescribed format as described in the Department of State's Register procedures manual, *Rule Making in New York.*
- 2. Rule making notices, with any necessary attachments (in MS Word), should be e-filed via the Department of State website.

			For Department of State u
			TO Expandent of State to
Votid	ce of Pro	posed Rule I	Making
	e Making	-	Public Service Commission (SUBMITTING AGENCY)
NOT			are at the end of this form. Please be sure to COMPLETE ALL ITEMS. ection of this notice change in text.
(KE			al filed by KeySpan Gas East Corporation d/b/a National Grid es, rules and regulations as contained in Tariff Schedules P.S.C.
	tutory authority	under which the rule is w, sections 5, 65, and 66	· •
Puk 3. Subj	tutory authority blic Service Lav ject of the rule:	w, sections 5, 65, and 60	· •
Puk 3. Subj Pro 4. Purp To	tutory authority blic Service Lav ject of the rule: oposed major in	w, sections 5, 65, and 60 ncrease in KEDLI's gas 0	5.
Puk 3. Subj Pro 4. Purp To pre 5. Publ	tutory authority blic Service Lav ject of the rule: posed major in pose of the rule ensure safe an eferences.	w, sections 5, 65, and 60 crease in KEDLI's gas of the complete at justices to box and complete a	delivery revenues by \$228 million (14% increase in total revenues). sust and reasonable rates charged to customers without undue as applicable):
3. Subj Pro 4. Purp To pre 5. Publ	tutory authority blic Service Lav ject of the rule: posed major in pose of the rule ensure safe an eferences. lic hearings (ch	w, sections 5, 65, and 60 acrease in KEDLI's gas of the control o	delivery revenues by \$228 million (14% increase in total revenues). sust and reasonable rates charged to customers without undue as applicable): (SKIP TO ITEM 8) and is scheduled below. (Note: first hearing date must be at least 60
3. Subj Pro 4. Purp To pre 5. Publ	tutory authority blic Service Lav ject of the rule: posed major in pose of the rule ensure safe an eferences. lic hearings (ch [] A public he days after	w, sections 5, 65, and 60 acrease in KEDLI's gas of the control of	delivery revenues by \$228 million (14% increase in total revenues). set and reasonable rates charged to customers without undue as applicable): (SKIP TO ITEM 8)
3. Subj Pro 4. Purp To pre 5. Publ	tutory authority blic Service Lav ject of the rule: posed major in pose of the rule ensure safe an eferences. lic hearings (ch [] A public he days after	w, sections 5, 65, and 60 acrease in KEDLI's gas of the control of	delivery revenues by \$228 million (14% increase in total revenues). sust and reasonable rates charged to customers without undue as applicable): (SKIP TO ITEM 8) and is scheduled below. (Note: first hearing date must be at least 60 a unless a different time is specified in statute.)
9ub 3. Subj Pro 4. Purp To pre 5. Publ	tutory authority blic Service Lav ject of the rule: posed major in pose of the rule ensure safe an eferences. lic hearings (ch [] A public he days after	w, sections 5, 65, and 60 acrease in KEDLI's gas of the discrease in KEDLI's gas of the discre	delivery revenues by \$228 million (14% increase in total revenues). sust and reasonable rates charged to customers without undue as applicable): (SKIP TO ITEM 8) and is scheduled below. (Note: first hearing date must be at least 60 and is scheduled below. (Note: first hearing date must be at least 60 and is scheduled below.)

Interpreter services will be made available to hearing impaired persons, at no charge, upon written request to the agency contact designated in this notice.

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7. Accessibility (ch	7. Accessibility (check appropriate box only if a public hearing is scheduled):					
:	[x] All public hearings have been scheduled at places reasonably accessible to persons with a mobility					
	impairment.					
[] Attached is a list of public hearing locations that are not reasonably accessible to persons with a mobility impairment. An explanation is submitted regarding diligent efforts made to provide accessible hearing sites.						
8. Terms of rule (S	SELECT ONE SECTION):					
A. [] The full text of the rule is attached because it does not exceed 2,000 words.						
B. [] A summary of the rule is attached because the full text of the rule exceeds 2,000 words. Web posting of full text of such rule is not required [SAPA §202(1)(a)].						
C. [x] Pursuant to SAPA §202(7)(b), the agency elects to print a description of the subject, purpose and substance of the rule as defined in SAPA §102(2)(a)(ii) [Rate Making]. Web posting of full text of such rule is not required [SAPA §202(1)(a)].						
9. The text of the rul	le and any required statements and	I analyses may be obtained from:				
Agency contact						
Agency Name	Dublic Coming Commission					
Office address	3 Empire State Plaza, Albany, NY	12223-1350				
Telephone		E-mail:				
10. Submit data, vie	ews or arguments to (complete only	if different than previously named agency contact):				
Agency contact	Michelle I. Dhilling					
Agency name	Public Service Commission					
Office address 3 Empire State Plaza, Albany, NY 12223-1350		12223-1350				
Telephone	(518) 474-6530	E-mail: secretary@dps.ny.gov				
	nt will be received until:					
[x] 60 days	after publication of this notice (MI	NIMUM public comment period).				
[] 5 days aft	ter the last scheduled public hearing	required by statute (MINIMUM, with required hearing).				
[] Other: (specify)						
	ncy rule making for this action was p	previously published in the				
						
13. Additional matter required by statute:[] Yes (include below material required by statute).						
[x] No additional material required by statute.						

NOTICE OF PROPOSED RULE MAKING (Rate Making)	(1/18) PAGE 3 OF 3
14. Regulatory Agenda [See SAPA §202-d(1)]:	the following issue of the State Register
	e time this agency's Regulatory Agenda was submitted for
publication in the <i>Register</i> .	
[x] Not applicable.	
15. Regulatory Impact Statement, Regulatory Flexibil Impact Statement	lity Analysis, Rural Area Flexibility Analysis and Job
[x] Statements and analyses are not submitted with this not in section 102(2)(a)(ii) of the State Administrative Procedure	tice because the proposed rule is within the definition contained a Act.
16. PUBLIC SERVICE COMMISSION ONLY:	
SAPA NO	
AGENCY CERTIFICATION (To be completed by the person v	who PREPARED the notice.)
I have reviewed this form and the information submitted with it. The knowledge.	ne information contained in this notice is correct to the best of my
I have reviewed Article 2 of SAPA and Parts 260 through 263 of applicable provisions.	19 NYCRR, and I hereby certify that this notice complies with all
Name	Signature
Address	
Telephone	E-Mail
Date	_

Please read before submitting this notice:

- 1. Except for this form itself, all text must be typed in the prescribed format as described in the Department of State's Register procedures manual, *Rule Making in New York.*
- 2. Rule making notices, with any necessary attachments (in MS Word), should be e-filed via the Department of State website.

ATTACHMENT E Method of Service Forms Consenting to Electric Service of Documents

Method of Service

Name:					
Company/Organization:					
Mailing Address:					
Company/Organization you represent, if					
different from above:					
E-Mail Address:					
Case/Matter Number:					
Request Type ☐ New Petition/Application - I am filing a new petition/application which requires action by the Commission. ☐ Service List request — I request to be on the service list for the matter/case. ☐ Other — Type of request					
Service Information (Select one option below) ☐ Electronic Service and Waiver – Consent in Case/Matter Identified Above As duly authorized by the Participant identified above that I represent, I knowingly waive on behalf of that Participant any right under PSL §23(1) to be served personally or by regular mail with Commission orders that affect that Participant and will receive all orders by electronic means in the above Case. If participating individually, I knowingly waive any PSL §23(1) right to service of orders personally or by regular mail and will receive all orders by electronic means in the above Case. This consent remains in effect until revoked.					
Electronic Service and Waiver – Global Consent in All Cases/Matters As duly authorized by the Participant identified above that I represent, I knowingly waive on behalf of that Participant any right under PSL §23(1) to be served personally or by regular mail with Commission orders that affect that Participant and will receive all orders by electronic means in all Cases where it participates. If participating individually, I knowingly waive any PSL §23(1) right to service of orders personally or by regular mail, and will receive all orders by electronic means in all Cases where I participate. This consent remains in effect until revoked. Note: Due to the design of our system, this consent attaches to the individual named here and not to the party that may be represented by that individual. Therefore, individuals who represent multiple parties should be aware that a global consent will affect all matters in which they appear on behalf of any party.					
☐ I do not consent to receive orders electrons	☐ I do not consent to receive orders electronically				
E-Mail Preference (Select one option below) – For Case specific request E-Mail notifications include a link to filed and issued documents. □ Notify me of Commission Issued Documents in this case/matter. □ Notify me of Both Commission Issued Documents and Filings in this case/matter □ Do not send me any notifications of filed or issued documents					
Submitted by:		Date:			

Method of Service

Name:					
Company/Organization:					
Mailing Address:					
Company/Organization you represent, if					
different from above:					
E-Mail Address:					
Case/Matter Number:					
Request Type ☐ New Petition/Application - I am filing a new petition/application which requires action by the Commission. ☐ Service List request — I request to be on the service list for the matter/case. ☐ Other — Type of request					
Service Information (Select one option below) ☐ Electronic Service and Waiver – Consent in Case/Matter Identified Above As duly authorized by the Participant identified above that I represent, I knowingly waive on behalf of that Participant any right under PSL §23(1) to be served personally or by regular mail with Commission orders that affect that Participant and will receive all orders by electronic means in the above Case. If participating individually, I knowingly waive any PSL §23(1) right to service of orders personally or by regular mail and will receive all orders by electronic means in the above Case. This consent remains in effect until revoked.					
Electronic Service and Waiver – Global Consent in All Cases/Matters As duly authorized by the Participant identified above that I represent, I knowingly waive on behalf of that Participant any right under PSL §23(1) to be served personally or by regular mail with Commission orders that affect that Participant and will receive all orders by electronic means in all Cases where it participates. If participating individually, I knowingly waive any PSL §23(1) right to service of orders personally or by regular mail, and will receive all orders by electronic means in all Cases where I participate. This consent remains in effect until revoked. Note: Due to the design of our system, this consent attaches to the individual named here and not to the party that may be represented by that individual. Therefore, individuals who represent multiple parties should be aware that a global consent will affect all matters in which they appear on behalf of any party.					
☐ I do not consent to receive orders electrons	☐ I do not consent to receive orders electronically				
E-Mail Preference (Select one option below) – For Case specific request E-Mail notifications include a link to filed and issued documents. □ Notify me of Commission Issued Documents in this case/matter. □ Notify me of Both Commission Issued Documents and Filings in this case/matter □ Do not send me any notifications of filed or issued documents					
Submitted by:		Date:			