

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-1
KEDNY/ KEDLI Req. No. BULI-727

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Revenue Requirements Panel

SUBJECT: JP App. 1, Schedule 3, p. 1 and App. 2, Sched. 3, p. 1

Request:

ALJ-1. Provide the approximate percentage increases in Rate Years 2 and 3 (absent levelization) for KEDLI and KEDNY.

Response:

The approximate delivery increases would be as follows:

	<u>RY2</u>	<u>RY3</u>
KEDNY	3.5%	4.0%
KEDLI	2.6%	3.5%

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 14, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-2
KEDNY/ KEDLI Req. No. BULI-728

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Revenue Requirements Panel

SUBJECT: Case 14-G-0503 Petition & 6/28/16 Notice of Settlement Discussions

Request:

ALJ-2. Explain the reason for the difference between the \$6,439,552.84 refund total indicated in the Notice of Tax Refund filed on 11/20/14 and the refund amount referenced on page 2 of the Notice of Settlement Discussions filed 6/28/16.

Response:

The tax refund at issue in Case 14-G-0503 is for National Grid's (formerly KeySpan Corporate Services LLC) operations center in Hicksville, New York, which was/is used to support various National Grid operating companies. The property tax refund totaled \$6,439,552.84 for the years 1999 to 2004. Applying the cost allocation policies and procedures in effect during those years, KEDLI's allocable share of the refund is \$995,342.18 (the amount referenced in the Notice of Settlement Discussions). The Joint Proposal provides that KEDLI will credit customers 100 percent of KEDLI's allocable share of the refund adjusted for carrying costs and net of costs to achieve the refund.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 14, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-4
KEDNY/ KEDLI Req. No. BULI-730

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid, Revenue Requirements Panel
SUBJECT: JP Sec. IV. 7.6, p. 47

Request:

ALJ-4.Tripling & Quadrupling Provisions

To DPS Staff & Companies:

1) Explain why the issues supporting the PSC's determination in the 9/17/07 order referenced in the JP (Case 06-M-0878, pp. 143-44) no longer exist.

2) Identify the customer service performance metrics that KEDLI did not meet in recent years and support for the statement that KEDLI's customer service performance has nevertheless generally improved.

To KEDLI:

3) Explain the basis for the testimony that KEDLI missed certain customer service metrics "due to factors largely out of KEDLI's control such as Superstorm Sandy and the extreme cold weather" (Ex. 127, p. 55), and that the reasons why KEDLI missed such metrics "were essentially weather related or otherwise attributable to deployment of AMRs and/or a new call center" (Ex. 265, p. 13)

Response:

1. In the September 17, 2007 Order authorizing the merger, the Commission stated (at page 143) it was imposing the tripling and quadrupling provisions in light of possible “financial difficulties” for the Companies arising directly from the merger and because the Commission found that the financial nature of the merger posed risks for service quality and customer performance. There is no evidence in the record that either the merger itself or financial conditions attributable to the merger have affected the Companies’ ability to meet their service quality metrics over the nine years since these provisions were implemented. On the contrary, the Companies have demonstrated good performance on service quality. KEDNY has not missed a service quality metric since the merger. While KEDLI missed metrics in 2013 and 2014, it subsequently made these metrics in 2015 and, as discussed below, the missed metrics were due, at least in part, to abnormal weather conditions and/or the new customer system/AMR deployment. Further, in Case 10-E-0050, the Commission eliminated a similar provision for Niagara Mohawk, KEDNY and KEDLI’s New York affiliate, which was implemented as part of the Niagara Mohawk-National Grid merger. For these reasons, the Joint Proposal provides for the elimination of the tripling and quadrupling provisions as the circumstances the Commission was concerned about in the September 17, 2007 Order no longer exist. For KEDLI, as discussed below, the elimination of the quadrupling provision is contingent upon the Company meeting the customer satisfaction metric in 2016, which builds in an added protection for customers.
2. KEDLI missed the customer satisfaction metric in 2013 and the customer satisfaction and PSC complaint rate metric in 2014. These two instances were the only times that KEDLI missed a service quality metric since the merger and, as discussed in the response to questions 1 and 3, the reasons for missing the metrics were unrelated to the merger or any financial difficulties arising therefrom. In 2015, KEDLI met or exceeded all of its service quality metrics. To date, KEDLI is on track to meet its service quality metrics in 2016. To incent KEDLI to continue to meet the metric, the Joint Proposal conditions the elimination of the quadrupling provision on meeting the customer satisfaction metric in 2016. If KEDLI does not meet the metric, the quadrupling provision continues. The Joint Proposal also adds a new service quality metric for KEDLI – a call answer rate metric – to further enhance KEDLI’s customer service.
3. KEDLI believes its customer satisfaction results were negatively impacted in 2013 by the lingering aftereffects of SuperStorm Sandy. For example, the need to do infrastructure repair work required service interruptions to customers and delays in completing routine customer work, both of which impacted satisfaction levels. In 2014, the missed metrics were largely attributable to the combination of extreme cold temperatures from the Polar Vortex, KEDLI’s conversion to a new customer information system, and AMR deployment. The extreme cold resulted in higher usage and, therefore, higher than normal bills. At the same time, while the change to a new customer information system and AMR deployment were undertaken to improve service in the wake of the LIPA separation, in the short term, these changes also impacted the metrics. For example, customers enrolled in the budget billing program had their budgets reset, aligning

monthly budgets to actual usage, causing a spike in bill amounts. Similarly, the deployment of AMR led to higher bills for some customers because of the increased number of actual meter reads and increased meter accuracy, as well as dissatisfaction from some customers arising from concerns about AMR meters. In the long run, these changes will benefit customers through improved billing functionality and improved meter reading accuracy.

Name of Respondent:

Company (James Molloy) and Staff (questions 1 and 2)
Company (James Molloy) (question 3)

Date of Reply:

October 17, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-3
KEDNY/ KEDLI Req. No. BULI-729

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid, Revenue Requirements Panel
SUBJECT: JP Section VI.5, p. 111

Request:
ALJ-3. NY Call Centers

To KEDLI & KEDNY: 1) State whether the recommendation to allow calls to be shifted to other facilities would result in any potential loss of jobs in the originating call center. 2) Would the shifting of calls to other call centers result in any additional costs being incurred for the originating service area affiliate?

Response:

1. No. The shifting of calls will not change staffing plans for the originating call center. The ability to shift calls is desired to be able to balance work during peak intervals to better manage customer interactions. In addition, it will leverage capacity in other centers to provide call center representatives with additional time for training and coaching and enhance business continuity and storm response plans.
2. No. The Call Center is able to track call volume to ensure that the appropriate company is charged for the cost of answering the call. There is no incremental cost to the originating affiliate for shifting the call.

Name of Respondent:
Company (James Molloy)

Date of Reply:
October 14, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-5
KEDNY/ KEDLI Req. No. BULI-731

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Revenue Requirements Panel

SUBJECT: JP Sec IV. 3.6.2; V.3.6.2 and VI.21

Request:

1. Do base rates reflect recovery of any level of NYFS LAUF?
2. Explain with respect to the system description, how the NYFS LAUF differs from the LAUF discussed in JP sections IV. 3.6 and V.3.6.
3. Does the NYFS LAUF relate to any portion of the gas system that is considered as part of interstate gas system?
4. Explain whether the Commission has issued the White Paper referenced in DPS Staff Exhibit SGRP-12 (proposed Hearing Exh. 347) in any other proceeding and whether it has adopted any recommendations produced as a result of the White Paper.

Response:

1. No, the Companies' proposed base rates do not reflect recovery of LAUF on the NYFS.
2. JP Sections IV. 3.6.1 and 3.6.3 and Sections V.3.6.1 and 3.6.3 address incentives for LAUF on the Companies' gas distribution systems. The LAUF calculates the difference between receipts and deliveries on the Companies distribution systems. Because the Companies assume zero LAUF for gas transported on the NYFS transmission pipelines for purposes of the LAUF calculation, any losses associated with the NYFS do not impact the Companies' LAUF.

The Companies have agreed (Sections IV.3.6.2 and V.3.6.2) to use commercially reasonable efforts to negotiate with Consolidated Edison of New York, Inc. (Con Edison) an appropriate LAUF factor for gas transported through the NYFS in the NYFS cost sharing agreement and will address cost recovery per Section VI.21 of the JP.

3. No. The transmission facilities comprising the NYFS are severally owned and operated by the participating companies (KEDNY, KEDLI and Con Edison), and each company's segment of the NYFS is considered part of its intrastate gas system.

4. The Companies and Staff are not aware of any proceeding in which the Commission has formally adopted Staff's White Paper on Lost and Unaccounted for Gas. The Companies and Staff are aware, however, that the Commission has adopted rate plans that expressly incorporate the LAUF recommendations contained in Staff's White Paper. Examples include KEDNY's Joint Proposal adopted by the Commission in Case 12-G-0544, Niagara Mohawk Power Corporation's Joint Proposal adopted in Case 12-G-0202, and Con Edison's Joint Proposal adopted in Case 13-G-0031.

Name of Respondent:
Company (Pamela (Dise) Echenique) and Staff

Date of Reply:
October 14, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-6
KEDNY/ KEDLI Req. No. BULI-732

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Revenue Requirements Panel

SUBJECT: JP Sec IV. 6.1.4; JP Sec V. 6.1.4

Request:

ALJ-6.

Explain what the anticipated annual customer bill impact (\$) is, if any, resulting from: 1) changing the SIR recovery to a base rate allowance versus recovery via surcharge in the most recent reconciliation period; 2) allowing KEDNY to recover (via surcharge beginning in RY 2) up to 2% of the prior year's aggregate revenues (greater than the difference between actual and the \$25 M forecast expense) for Gowanus Canal and Newtown Creek.

Response:

- 1) There will be no bill impact to customers as a result of the shift from surcharge to base rate recovery for SIR costs. SIR costs will be allocated to the Companies' rate classes in the same manner.
- 2) Please see Attachment 1, which is the response to PULP-JP 5 (LBJ-82).

Name of Respondent:

Company (James Molloy and Pam (Dise)
Echenique) and Staff

Date of Reply:

October 14, 2016

Date of Request: September 8, 2016
Due Date: September 19, 2016

PULP Request No. PULP-JP5 LBJ-82
KEDNY/ KEDLI Req. No. BULI-723

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

FROM: PULP, Lisabeth Jorgensen, Esq., Staff Attorney

TO: The Signatory Parties to the Joint Proposal

Request:

THESE INFORMATION REQUESTS PERTAIN TO THE JOINT PROPOSAL FILED WITH
THE COMMISSION ON WEDNESDAY, SEPTEMBER 7, 2016.

JP Section IV, 6.1.4 & Section V, 6.1.4

- 5) Please provide the delivery bill impacts for all KEDNY customer classes (indicating the typical usages on which the bill impacts are calculated) for each of the three rate years resulting from implementation of the SIR Recovery Surcharge at forecast amounts (both non-levelized and levelized). Please show all calculations.

Response:

Please see Attachment 1 for an illustrative example of the derivation of the SIR Recovery Surcharge for 2019, assuming the \$25 million threshold has been exceeded in 2018.

Please see Attachment 2 for an illustrative example of the SIR surcharge bill impacts for each service class for 2019 based on the levelized revenue requirement. The typical bill impact range is highlighted on each sheet. Delivery bill impacts for the non-firm classes were not included because there is not a typical usage level for these customer classes.

Bill impacts based on a non-levelized revenue requirement have not been calculated.

Name of Respondent:
The Company, Staff, CPA, and GEE

Date of Reply:
September 12, 2016

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 2 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 1 to PULP-JP5 LBJ-82
Page 1 of 1

The Brooklyn Union Gas Company d/b/a National Grid NY
Illustrative Example - SIR Surcharge Calculation for RY 3

1 Total SIR Surcharge for 2019 \$31,000,000

2 SIR Surcharge Calculation:

Service Class	Total Delivery Revenues (a)	% Contribution to Delivery Revenues (b)	Total SIR Surcharge for 2019 (c) = (b * 1)	Billed Sales (Dth) (d)	Billed Sales (Therms) (e) = (d * 10)	SIR Unit (\$/Therm) (f) = (c / e)
SC1 A	\$174,414	15%	\$4,718,182	6,213,507	62,135,070	\$ 0.0759
SC1B	\$662,292	58%	\$17,916,075	78,140,061	781,400,610	\$ 0.0229
SC2-1	\$62,829	5%	\$1,699,627	13,257,420	132,574,200	\$ 0.0128
SC 2-2	\$94,559	8%	\$2,557,975	14,665,212	146,652,120	\$ 0.0174
SC3	\$133,338	12%	\$3,607,010	34,289,885	342,898,850	\$ 0.0105
SC 4A, 4A-CNG	\$17,062	1%	\$461,555	6,482,499	64,824,990	\$ 0.0071
SC 4B	\$1,429	0%	\$38,657	291,897	2,918,970	\$ 0.0132
SC7	\$34	0%	\$920	13,794	137,940	\$ 0.0067
Total	\$1,145,957	100%	\$31,000,000	153,354,275	1,533,542,750	

Notes

- 1 Appendix 6, Schedule 4, Page 1 of 1, Line 14
- 2 (a) Appendix 3, Schedule 4.3
- 2 (d) Appendix 3, Schedule 4.3

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 3 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 1 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1A - Residential Non Heat

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	\$17.53	\$18.51	\$0.97	5.56%	\$0.00	\$0.00	\$0.00	0.00%	\$17.53	\$18.51	\$0.97	5.56%	
3	\$17.58	\$18.79	\$1.21	6.90%	\$1.29	\$1.28	-\$0.01	-0.76%	\$18.87	\$20.07	\$1.20	6.37%	
5	\$20.10	\$22.60	\$2.49	12.40%	\$2.15	\$2.14	-\$0.02	-0.76%	\$22.26	\$24.73	\$2.48	11.13%	
7	\$22.63	\$26.40	\$3.77	16.67%	\$3.01	\$2.99	-\$0.02	-0.76%	\$25.64	\$29.39	\$3.75	14.62%	
Typical	10	\$26.42	\$32.11	\$5.69	21.55%	\$4.30	\$4.27	-\$0.03	-0.76%	\$30.72	\$36.38	\$5.66	18.42%
	15	\$32.74	\$41.63	\$8.89	27.17%	\$6.45	\$6.41	-\$0.05	-0.76%	\$39.19	\$48.04	\$8.84	22.57%
	20	\$39.05	\$51.15	\$12.09	30.97%	\$8.61	\$8.54	-\$0.07	-0.76%	\$47.66	\$59.69	\$12.03	25.24%
	25	\$45.37	\$60.67	\$15.30	33.71%	\$10.76	\$10.68	-\$0.08	-0.76%	\$56.13	\$71.34	\$15.21	27.10%
	30	\$51.69	\$70.18	\$18.50	35.78%	\$12.91	\$12.81	-\$0.10	-0.76%	\$64.60	\$82.99	\$18.40	28.48%
	35	\$58.01	\$79.70	\$21.70	37.40%	\$15.06	\$14.95	-\$0.11	-0.76%	\$73.07	\$94.65	\$21.58	29.54%
	40	\$64.32	\$89.22	\$24.90	38.71%	\$17.21	\$17.08	-\$0.13	-0.76%	\$81.53	\$106.30	\$24.77	30.38%
	45	\$70.64	\$98.74	\$28.10	39.78%	\$19.36	\$19.22	-\$0.15	-0.76%	\$90.00	\$117.95	\$27.95	31.05%
	50	\$76.96	\$108.25	\$31.30	40.67%	\$21.51	\$21.35	-\$0.16	-0.76%	\$98.47	\$129.61	\$31.13	31.62%
	55	\$79.81	\$112.75	\$32.94	41.28%	\$23.67	\$23.49	-\$0.18	-0.76%	\$103.48	\$136.24	\$32.76	31.66%
	60	\$82.66	\$117.25	\$34.59	41.84%	\$25.82	\$25.62	-\$0.20	-0.76%	\$108.48	\$142.87	\$34.39	31.70%
	65	\$85.52	\$121.75	\$36.23	42.37%	\$27.97	\$27.76	-\$0.21	-0.76%	\$113.49	\$149.51	\$36.02	31.74%
	70	\$88.37	\$126.25	\$37.88	42.86%	\$30.12	\$29.89	-\$0.23	-0.76%	\$118.49	\$156.14	\$37.65	31.77%
	75	\$91.23	\$130.75	\$39.52	43.33%	\$32.27	\$32.03	-\$0.25	-0.76%	\$123.50	\$162.78	\$39.28	31.81%
	80	\$94.08	\$135.25	\$41.17	43.76%	\$34.42	\$34.16	-\$0.26	-0.76%	\$128.50	\$169.41	\$40.91	31.83%
	85	\$96.93	\$139.75	\$42.82	44.17%	\$36.58	\$36.30	-\$0.28	-0.76%	\$133.51	\$176.05	\$42.54	31.86%
	90	\$99.79	\$144.25	\$44.46	44.56%	\$38.73	\$38.43	-\$0.29	-0.76%	\$138.51	\$182.68	\$44.17	31.89%
	100	\$105.50	\$153.25	\$47.75	45.26%	\$43.03	\$42.70	-\$0.33	-0.76%	\$148.53	\$195.95	\$47.42	31.93%
	2018				2019						Difference	Change	
First 3 or Less			\$15.54				\$16.25				\$0.71	4.57%	
Next 47 Therms per Therm			\$1.192000				\$1.727300				\$0.535	44.91%	
Over 50 Therms per Therm			\$0.530700				\$0.769000				\$0.238	44.90%	
Billing & Payment Processing			\$1.200000				\$1.420000				\$0.220	18.33%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge			\$0.000000				\$0.075900				\$0.076	0.00%	
Incremental State Assessment Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%	
System Benefits Charge			\$0.005400				\$0.005400				\$0.000	0.00%	
Energy Efficiency Surcharge			\$0.008900				\$0.008900				\$0.000	0.00%	
Monthly Cost of Gas			\$0.404400				\$0.400953				(\$0.003)	-0.85%	
Merchant Function Charge			\$0.015044				\$0.015298				\$0.000	1.69%	
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			0.176000%				0.176000%				\$0.000	0.00%	
MTA on Supply			0.176000%				0.176000%				\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 4 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 2 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 1B - Residential Heat

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	\$23.83	\$24.06	\$0.23	0.97%	\$0.00	\$0.00	\$0.00	0.00%	\$23.83	\$24.06	\$0.23	0.97%	
3	\$23.87	\$24.17	\$0.30	1.27%	\$1.29	\$1.28	-\$0.01	-0.76%	\$25.16	\$25.45	\$0.29	1.16%	
10	\$30.91	\$32.81	\$1.89	6.12%	\$4.30	\$4.27	-\$0.03	-0.76%	\$35.22	\$37.08	\$1.86	5.28%	
15	\$35.95	\$38.98	\$3.03	8.42%	\$6.45	\$6.41	-\$0.05	-0.76%	\$42.40	\$45.38	\$2.98	7.02%	
20	\$40.98	\$45.15	\$4.16	10.15%	\$8.61	\$8.54	-\$0.07	-0.76%	\$49.59	\$53.69	\$4.10	8.26%	
25	\$46.02	\$51.31	\$5.30	11.51%	\$10.76	\$10.68	-\$0.08	-0.76%	\$56.78	\$61.99	\$5.21	9.18%	
30	\$51.05	\$57.48	\$6.43	12.59%	\$12.91	\$12.81	-\$0.10	-0.76%	\$63.96	\$70.30	\$6.33	9.90%	
40	\$61.12	\$69.82	\$8.70	14.23%	\$17.21	\$17.08	-\$0.13	-0.76%	\$78.34	\$86.90	\$8.57	10.94%	
50	\$71.19	\$82.16	\$10.97	15.41%	\$21.51	\$21.35	-\$0.16	-0.76%	\$92.71	\$103.51	\$10.81	11.66%	
60	\$74.85	\$86.77	\$11.93	15.94%	\$25.82	\$25.62	-\$0.20	-0.76%	\$100.66	\$112.40	\$11.73	11.65%	
70	\$78.50	\$91.39	\$12.89	16.42%	\$30.12	\$29.89	-\$0.23	-0.76%	\$108.62	\$121.28	\$12.66	11.65%	
Typical	80	\$82.15	\$96.00	\$13.85	16.86%	\$34.42	\$34.16	-\$0.26	-0.76%	\$116.57	\$130.16	\$13.59	11.65%
	100	\$89.45	\$105.22	\$15.77	17.62%	\$43.03	\$42.70	-\$0.33	-0.76%	\$132.48	\$147.92	\$15.44	11.65%
	120	\$96.76	\$114.44	\$17.68	18.28%	\$51.64	\$51.24	-\$0.39	-0.76%	\$148.39	\$165.69	\$17.29	11.65%
	140	\$104.06	\$123.67	\$19.60	18.84%	\$60.24	\$59.78	-\$0.46	-0.76%	\$164.30	\$183.45	\$19.14	11.65%
	160	\$111.37	\$132.89	\$21.52	19.33%	\$68.85	\$68.32	-\$0.52	-0.76%	\$180.21	\$201.21	\$21.00	11.65%
	180	\$118.67	\$142.11	\$23.44	19.75%	\$77.45	\$76.86	-\$0.59	-0.76%	\$196.12	\$218.97	\$22.85	11.65%
	200	\$125.97	\$151.33	\$25.36	20.13%	\$86.06	\$85.40	-\$0.66	-0.76%	\$212.03	\$236.74	\$24.70	11.65%
	220	\$133.28	\$160.56	\$27.28	20.47%	\$94.67	\$93.94	-\$0.72	-0.76%	\$227.94	\$254.50	\$26.56	11.65%
	250	\$144.23	\$174.39	\$30.16	20.91%	\$107.57	\$106.76	-\$0.82	-0.76%	\$251.81	\$281.15	\$29.34	11.65%
	300	\$162.49	\$197.45	\$34.95	21.51%	\$129.09	\$128.11	-\$0.98	-0.76%	\$291.58	\$325.55	\$33.97	11.65%
	400	\$199.01	\$243.56	\$44.55	22.38%	\$172.12	\$170.81	-\$1.31	-0.76%	\$371.13	\$414.37	\$43.24	11.65%
	2018					2019				Difference	Change		
First 3 or Less				\$21.55					\$21.55	\$0.00	0.00%		
Next 47 Therms per Therm				\$0.949100					\$1.142900	\$0.194	20.42%		
Over 50 Therms per Therm				\$0.336300					\$0.405000	\$0.069	20.43%		
Billing & Payment Processing				\$1.200000					\$1.420000	\$0.220	18.33%		
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000					\$0.022900	\$0.023	0.00%		
Incremental State Assessment Surcharge				\$0.000000					\$0.000000	\$0.000	0.00%		
System Benefits Charge				\$0.003500					\$0.003500	\$0.000	0.00%		
Energy Efficiency Surcharge				\$0.008900					\$0.008900	\$0.000	0.00%		
Revenue Decoupling Mechanism				\$0.000000					\$0.000000	\$0.000	0.00%		
Monthly Cost of Gas				\$0.404400					\$0.400953	(\$0.003)	-0.85%		
Merchant Function Charge				\$0.015044					\$0.015298	\$0.000	1.69%		
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				0.176000%					0.176000%	\$0.000	0.00%		
MTA on Supply				0.176000%					0.176000%	\$0.000	0.00%		

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 5 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 3 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC IAR - Residential Non Heat Reduced Rate

Therm Usage	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
0	\$14.39	\$15.36	\$0.97	6.77%	\$0.00	\$0.00	\$0.00	0.00%	\$14.39	\$15.36	\$0.97	6.77%	
3	\$14.44	\$15.65	\$1.21	8.40%	\$1.29	\$1.28	-\$0.01	-0.76%	\$15.73	\$16.93	\$1.20	7.65%	
5	\$16.96	\$19.45	\$2.49	14.70%	\$2.15	\$2.14	-\$0.02	-0.76%	\$19.11	\$21.59	\$2.48	12.96%	
Typical	7	\$19.49	\$23.26	\$3.77	19.36%	\$3.01	\$2.99	-\$0.02	-0.76%	\$22.50	\$26.25	\$3.75	16.67%
10	\$23.28	\$28.97	\$5.69	24.46%	\$4.30	\$4.27	-\$0.03	-0.76%	\$27.58	\$33.24	\$5.66	20.52%	
15	\$29.60	\$38.49	\$8.89	30.05%	\$6.45	\$6.41	-\$0.05	-0.76%	\$36.05	\$44.89	\$8.84	24.53%	
20	\$35.91	\$48.01	\$12.09	33.68%	\$8.61	\$8.54	-\$0.07	-0.76%	\$44.52	\$56.55	\$12.03	27.02%	
25	\$42.23	\$57.52	\$15.30	36.22%	\$10.76	\$10.68	-\$0.08	-0.76%	\$52.99	\$68.20	\$15.21	28.71%	
30	\$48.55	\$67.04	\$18.50	38.10%	\$12.91	\$12.81	-\$0.10	-0.76%	\$61.46	\$79.85	\$18.40	29.94%	
35	\$54.86	\$76.56	\$21.70	39.55%	\$15.06	\$14.95	-\$0.11	-0.76%	\$69.92	\$91.51	\$21.58	30.86%	
40	\$61.18	\$86.08	\$24.90	40.69%	\$17.21	\$17.08	-\$0.13	-0.76%	\$78.39	\$103.16	\$24.77	31.59%	
45	\$67.50	\$95.59	\$28.10	41.63%	\$19.36	\$19.22	-\$0.15	-0.76%	\$86.86	\$114.81	\$27.95	32.18%	
50	\$73.81	\$105.11	\$31.30	42.40%	\$21.51	\$21.35	-\$0.16	-0.76%	\$95.33	\$126.46	\$31.13	32.66%	
55	\$76.67	\$109.61	\$32.94	42.97%	\$23.67	\$23.49	-\$0.18	-0.76%	\$100.33	\$133.10	\$32.76	32.65%	
60	\$79.52	\$114.11	\$34.59	43.50%	\$25.82	\$25.62	-\$0.20	-0.76%	\$105.34	\$139.73	\$34.39	32.65%	
65	\$82.38	\$118.61	\$36.23	43.99%	\$27.97	\$27.76	-\$0.21	-0.76%	\$110.34	\$146.37	\$36.02	32.64%	
70	\$85.23	\$123.11	\$37.88	44.44%	\$30.12	\$29.89	-\$0.23	-0.76%	\$115.35	\$153.00	\$37.65	32.64%	
75	\$88.08	\$127.61	\$39.52	44.87%	\$32.27	\$32.03	-\$0.25	-0.76%	\$120.36	\$159.63	\$39.28	32.64%	
80	\$90.94	\$132.11	\$41.17	45.27%	\$34.42	\$34.16	-\$0.26	-0.76%	\$125.36	\$166.27	\$40.91	32.63%	
85	\$93.79	\$136.61	\$42.82	45.65%	\$36.57	\$36.30	-\$0.28	-0.76%	\$130.37	\$172.90	\$42.54	32.63%	
90	\$96.65	\$141.11	\$44.46	46.00%	\$38.73	\$38.43	-\$0.29	-0.76%	\$135.37	\$179.54	\$44.17	32.63%	
100	\$102.35	\$150.11	\$47.75	46.65%	\$43.03	\$42.70	-\$0.33	-0.76%	\$145.38	\$192.81	\$47.42	32.62%	
2018				2019				Difference		Change			
First 3 or Less				\$12.54				\$13.25	\$0.71	5.66%			
Next 47 Therms per Therm				\$1.192000				\$1.727300	\$0.535	44.91%			
Over 50 Therms per Therm				\$0.530700				\$0.769000	\$0.238	44.90%			
Billing & Payment Processing				\$1.200000				\$1.420000	\$0.220	18.33%			
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.075900	\$0.076	0.00%			
Incremental State Assessment Surcharge				\$0.000000				\$0.000000	\$0.000	0.00%			
System Benefits Charge				\$0.005400				\$0.005400	\$0.000	0.00%			
Energy Efficiency Surcharge				\$0.008900				\$0.008900	\$0.000	0.00%			
Monthly Cost of Gas				\$0.404400				\$0.400953	(\$0.003)	-0.85%			
Merchant Function Charge				\$0.015044				\$0.015298	\$0.000	1.69%			
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				0.176000%				0.176000%	\$0.000	0.00%			
MTA on Supply				0.175000%				0.175000%	\$0.000	0.00%			

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 6 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 4 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC IB-DG - Residential Heat Distributed Generation

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	\$34.25	\$34.47	\$0.22	0.64%	\$0.00	\$0.00	\$0.00	0.00%	\$34.25	\$34.47	\$0.22	0.64%	
3	\$34.29	\$34.58	\$0.29	0.84%	\$1.35	\$1.34	-\$0.01	-0.76%	\$35.63	\$35.91	\$0.28	0.78%	
10	\$35.33	\$35.78	\$0.45	1.28%	\$4.49	\$4.46	-\$0.03	-0.76%	\$39.82	\$40.24	\$0.42	1.05%	
15	\$36.07	\$36.64	\$0.57	1.57%	\$6.74	\$6.68	-\$0.05	-0.76%	\$42.81	\$43.32	\$0.51	1.20%	
20	\$36.82	\$37.50	\$0.68	1.85%	\$8.98	\$8.91	-\$0.07	-0.76%	\$45.80	\$46.41	\$0.61	1.34%	
30	\$38.31	\$39.22	\$0.91	2.38%	\$13.47	\$13.37	-\$0.10	-0.76%	\$51.78	\$52.59	\$0.81	1.56%	
40	\$39.80	\$40.94	\$1.14	2.86%	\$17.96	\$17.83	-\$0.14	-0.76%	\$57.76	\$58.76	\$1.00	1.74%	
50	\$41.29	\$42.66	\$1.37	3.32%	\$22.45	\$22.28	-\$0.17	-0.76%	\$63.74	\$64.94	\$1.20	1.88%	
75	\$45.01	\$46.95	\$1.94	4.32%	\$33.68	\$33.42	-\$0.26	-0.76%	\$78.69	\$80.38	\$1.69	2.15%	
100	\$48.73	\$51.25	\$2.52	5.17%	\$44.91	\$44.57	-\$0.34	-0.76%	\$93.64	\$95.82	\$2.18	2.32%	
125	\$52.46	\$55.55	\$3.09	5.90%	\$56.13	\$55.71	-\$0.43	-0.76%	\$108.59	\$111.26	\$2.67	2.46%	
Typical	150	\$56.18	\$59.85	\$3.67	6.53%	\$67.36	\$66.85	-\$0.51	-0.76%	\$123.54	\$126.70	\$3.16	2.55%
	175	\$59.90	\$64.14	\$4.24	7.08%	\$78.59	\$77.99	-\$0.60	-0.76%	\$138.49	\$142.13	\$3.64	2.63%
	200	\$63.63	\$68.44	\$4.82	7.57%	\$89.82	\$89.13	-\$0.68	-0.76%	\$153.44	\$157.57	\$4.13	2.69%
	225	\$67.35	\$72.74	\$5.39	8.01%	\$101.04	\$100.27	-\$0.77	-0.76%	\$168.39	\$173.01	\$4.62	2.74%
	250	\$71.07	\$77.04	\$5.97	8.39%	\$112.27	\$111.41	-\$0.85	-0.76%	\$183.34	\$188.45	\$5.11	2.79%
	275	\$74.79	\$81.34	\$6.54	8.74%	\$123.50	\$122.56	-\$0.94	-0.76%	\$198.29	\$203.89	\$5.60	2.82%
	300	\$78.52	\$85.63	\$7.11	9.06%	\$134.72	\$133.70	-\$1.03	-0.76%	\$213.24	\$219.33	\$6.09	2.86%
	325	\$82.24	\$89.93	\$7.69	9.35%	\$145.95	\$144.84	-\$1.11	-0.76%	\$228.19	\$234.77	\$6.58	2.88%
	350	\$85.96	\$94.23	\$8.26	9.61%	\$157.18	\$155.98	-\$1.20	-0.76%	\$243.14	\$250.21	\$7.07	2.91%
	375	\$89.69	\$98.53	\$8.84	9.85%	\$168.40	\$167.12	-\$1.28	-0.76%	\$258.09	\$265.65	\$7.56	2.93%
	400	\$93.41	\$102.82	\$9.41	10.08%	\$179.63	\$178.26	-\$1.37	-0.76%	\$273.04	\$281.09	\$8.05	2.95%
	2018				2019						Difference	Change	
First 3 or Less				\$32.93				\$32.93			\$0.00	0.00%	
Next 47 Therms per Therm				\$0.136000				\$0.136000			\$0.000	0.00%	
Over 50 Therms per Therm				\$0.000000				\$0.000000			\$0.000	0.00%	
Billing & Payment Processing				\$1.200000				\$1.420000			\$0.220	18.33%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.022900			\$0.023	0.00%	
Incremental State Assessment Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
System Benefits Charge				\$0.003500				\$0.003500			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.008900				\$0.008900			\$0.000	0.00%	
Monthly Cost of Gas				\$0.404400				\$0.400953			(\$0.003)	-0.85%	
Merchant Function Charge				\$0.015044				\$0.015298			\$0.000	1.69%	
GRT on Delivery				0.176000%				0.176000%			\$0.000	0.00%	
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%	
MTA on Delivery				0.176000%				0.176000%			\$0.000	0.00%	
MTA on Supply				4.548000%				4.548000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 7 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 5 of 14

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)

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	\$3.93	\$4.16	\$0.23	5.87%	\$0.00	\$0.00	\$0.00	0.00%	\$3.93	\$4.16	\$0.23	5.87%	
3	\$3.97	\$4.27	\$0.30	7.62%	\$1.29	\$1.28	-\$0.01	-0.76%	\$5.26	\$5.55	\$0.29	5.56%	
Typical	10	\$11.02	\$12.91	\$1.89	17.17%	\$4.30	\$4.27	-\$0.03	-0.76%	\$15.32	\$17.18	\$1.86	12.13%
	15	\$16.05	\$19.08	\$3.03	18.85%	\$6.45	\$6.41	-\$0.05	-0.76%	\$22.50	\$25.48	\$2.98	13.23%
	20	\$21.09	\$25.25	\$4.16	19.73%	\$8.61	\$8.54	-\$0.07	-0.76%	\$29.69	\$33.79	\$4.10	13.79%
	25	\$26.12	\$31.42	\$5.30	20.27%	\$10.76	\$10.68	-\$0.08	-0.76%	\$36.88	\$42.09	\$5.21	14.14%
	30	\$31.16	\$37.59	\$6.43	20.64%	\$12.91	\$12.81	-\$0.10	-0.76%	\$44.06	\$50.40	\$6.33	14.37%
	40	\$41.23	\$49.93	\$8.70	21.10%	\$17.21	\$17.08	-\$0.13	-0.76%	\$58.44	\$67.01	\$8.57	14.66%
	50	\$51.30	\$62.26	\$10.97	21.38%	\$21.51	\$21.35	-\$0.16	-0.76%	\$72.81	\$83.62	\$10.81	14.84%
	60	\$54.95	\$66.88	\$11.93	21.71%	\$25.82	\$25.62	-\$0.20	-0.76%	\$80.76	\$92.50	\$11.73	14.53%
	70	\$58.60	\$71.49	\$12.89	21.99%	\$30.12	\$29.89	-\$0.23	-0.76%	\$88.72	\$101.38	\$12.66	14.27%
	80	\$62.25	\$76.10	\$13.85	22.24%	\$34.42	\$34.16	-\$0.26	-0.76%	\$96.67	\$110.26	\$13.59	14.05%
	100	\$69.56	\$85.32	\$15.77	22.67%	\$43.03	\$42.70	-\$0.33	-0.76%	\$112.58	\$128.02	\$15.44	13.71%
	120	\$76.86	\$94.54	\$17.68	23.01%	\$51.63	\$51.24	-\$0.39	-0.76%	\$128.49	\$145.79	\$17.29	13.46%
	140	\$84.16	\$103.77	\$19.60	23.29%	\$60.24	\$59.78	-\$0.46	-0.76%	\$144.40	\$163.55	\$19.14	13.26%
	160	\$91.47	\$112.99	\$21.52	23.53%	\$68.85	\$68.32	-\$0.52	-0.76%	\$160.31	\$181.31	\$21.00	13.10%
	180	\$98.77	\$122.21	\$23.44	23.73%	\$77.45	\$76.86	-\$0.59	-0.76%	\$176.22	\$199.07	\$22.85	12.97%
	200	\$106.08	\$131.43	\$25.36	23.91%	\$86.06	\$85.40	-\$0.66	-0.76%	\$192.13	\$216.84	\$24.70	12.86%
	220	\$113.38	\$140.66	\$27.28	24.06%	\$94.66	\$93.94	-\$0.72	-0.76%	\$208.04	\$234.60	\$26.56	12.77%
	250	\$124.34	\$154.49	\$30.16	24.25%	\$107.57	\$106.75	-\$0.82	-0.76%	\$231.91	\$261.25	\$29.34	12.65%
	300	\$142.60	\$177.55	\$34.95	24.51%	\$129.09	\$128.10	-\$0.98	-0.76%	\$271.68	\$305.65	\$33.97	12.50%
	400	\$179.12	\$223.66	\$44.55	24.87%	\$172.12	\$170.81	-\$1.31	-0.76%	\$351.23	\$394.47	\$43.24	12.31%
	2018				2019						Difference	Change	
First 3 or Less				\$2.55				\$2.55			\$0.00	0.00%	
Next 47 Therms per Therm				\$0.949100				\$1.142900			\$0.194	20.42%	
Over 50 Therms per Therm				\$0.336300				\$0.405000			\$0.069	20.43%	
Billing & Payment Processing				\$1.200000				\$1.420000			\$0.220	18.33%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.022900			\$0.023	0.00%	
Incremental State Assessment Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%	
Revenue Decoupling Mechanism				\$0.000000				\$0.000000			\$0.000	0.00%	
System Benefits Charge				\$0.003500				\$0.003500			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.008900				\$0.008900			\$0.000	0.00%	
Monthly Cost of Gas				\$0.404400				\$0.400953			(\$0.003)	-0.85%	
Merchant Function Charge				\$0.015044				\$0.015298			\$0.000	1.69%	
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				0.176000%				0.176000%			\$0.000	0.00%	
MTA on Supply				0.175000%				0.175000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 8 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 6 of 14

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 2)

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	-\$12.83	-\$12.60	\$0.23	-1.80%	\$0.00	\$0.00	\$0.00	0.00%	-\$12.83	-\$12.60	\$0.23	-1.80%	
3	-\$12.79	-\$12.49	\$0.30	-2.36%	\$1.29	\$1.28	-\$0.01	-0.76%	-\$11.50	-\$11.21	\$0.29	-2.54%	
Typical	10	-\$5.74	-\$3.85	\$1.89	-32.94%	\$4.30	\$4.27	-\$0.03	-0.76%	-\$1.44	\$0.42	\$1.86	-129.15%
	15	-\$0.71	\$2.32	\$3.03	-428.14%	\$6.45	\$6.41	-\$0.05	-0.76%	\$5.75	\$8.72	\$2.98	51.79%
	20	\$4.33	\$8.49	\$4.16	96.13%	\$8.61	\$8.54	-\$0.07	-0.76%	\$12.93	\$17.03	\$4.10	31.66%
	25	\$9.36	\$14.66	\$5.30	56.55%	\$10.76	\$10.68	-\$0.08	-0.76%	\$20.12	\$25.33	\$5.21	25.91%
	30	\$14.40	\$20.83	\$6.43	44.66%	\$12.91	\$12.81	-\$0.10	-0.76%	\$27.31	\$33.64	\$6.33	23.19%
	40	\$24.47	\$33.17	\$8.70	35.55%	\$17.21	\$17.08	-\$0.13	-0.76%	\$41.68	\$50.25	\$8.57	20.56%
	50	\$34.54	\$45.51	\$10.97	31.76%	\$21.51	\$21.35	-\$0.16	-0.76%	\$56.05	\$66.86	\$10.81	19.28%
	60	\$38.19	\$50.12	\$11.93	31.23%	\$25.82	\$25.62	-\$0.20	-0.76%	\$64.01	\$75.74	\$11.73	18.33%
	70	\$41.84	\$54.73	\$12.89	30.80%	\$30.12	\$29.89	-\$0.23	-0.76%	\$71.96	\$84.62	\$12.66	17.59%
	80	\$45.49	\$59.34	\$13.85	30.44%	\$34.42	\$34.16	-\$0.26	-0.76%	\$79.92	\$93.50	\$13.59	17.00%
	100	\$52.80	\$68.56	\$15.77	29.86%	\$43.03	\$42.70	-\$0.33	-0.76%	\$95.83	\$111.27	\$15.44	16.11%
	120	\$60.10	\$77.79	\$17.68	29.42%	\$51.63	\$51.24	-\$0.39	-0.76%	\$111.74	\$129.03	\$17.29	15.48%
	140	\$67.41	\$87.01	\$19.60	29.08%	\$60.24	\$59.78	-\$0.46	-0.76%	\$127.65	\$146.79	\$19.14	15.00%
	160	\$74.71	\$96.23	\$21.52	28.81%	\$68.85	\$68.32	-\$0.52	-0.76%	\$143.56	\$164.55	\$21.00	14.63%
	180	\$82.01	\$105.45	\$23.44	28.58%	\$77.45	\$76.86	-\$0.59	-0.76%	\$159.47	\$182.32	\$22.85	14.33%
	200	\$89.32	\$114.68	\$25.36	28.39%	\$86.06	\$85.40	-\$0.66	-0.76%	\$175.38	\$200.08	\$24.70	14.09%
	220	\$96.62	\$123.90	\$27.28	28.23%	\$94.66	\$93.94	-\$0.72	-0.76%	\$191.29	\$217.84	\$26.56	13.88%
	250	\$107.58	\$137.73	\$30.16	28.03%	\$107.57	\$106.75	-\$0.82	-0.76%	\$215.15	\$244.49	\$29.34	13.64%
	300	\$125.84	\$160.79	\$34.95	27.78%	\$129.09	\$128.10	-\$0.98	-0.76%	\$254.93	\$288.90	\$33.97	13.33%
	400	\$162.36	\$206.90	\$44.55	27.44%	\$172.12	\$170.81	-\$1.31	-0.76%	\$334.47	\$377.71	\$43.24	12.93%
	2018				2019						Difference	Change	
First 3 or Less											\$0.00	0.00%	
Next 47 Therms per Therm											\$0.194	20.42%	
Over 50 Therms per Therm											\$0.069	20.43%	
Billing & Payment Processing											\$0.220	18.33%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge											\$0.023	0.00%	
Incremental State Assessment Surcharge											\$0.000	0.00%	
Revenue Decoupling Mechanism											\$0.000	0.00%	
System Benefits Charge											\$0.000	0.00%	
Energy Efficiency Surcharge											\$0.000	0.00%	
Monthly Cost of Gas											(\$0.003)	-0.85%	
Merchant Function Charge											\$0.000	1.69%	
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 NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 9 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 7 of 14

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 3)													
	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	-\$30.63	-\$30.40	\$0.23	-0.75%	\$0.00	\$0.00	\$0.00	0.00%	-\$30.63	-\$30.40	\$0.23	-0.75%	
3	-\$30.60	-\$30.29	\$0.30	-0.99%	\$1.29	\$1.28	-\$0.01	-0.76%	-\$29.30	-\$29.01	\$0.29	-1.00%	
Typical	10	-\$23.55	-\$21.66	\$1.89	-8.03%	\$4.30	\$4.27	-\$0.03	-0.76%	-\$19.24	-\$17.38	\$1.86	-9.66%
	15	-\$18.51	-\$15.49	\$3.03	-16.35%	\$6.45	\$6.41	-\$0.05	-0.76%	-\$12.06	-\$9.08	\$2.98	-24.69%
	20	-\$13.48	-\$9.32	\$4.16	-30.87%	\$8.61	\$8.54	-\$0.07	-0.76%	-\$4.87	-\$0.78	\$4.10	-84.08%
	25	-\$8.44	-\$3.15	\$5.30	-62.73%	\$10.76	\$10.68	-\$0.08	-0.76%	\$2.32	\$7.53	\$5.21	225.10%
	30	-\$3.41	\$3.02	\$6.43	-188.78%	\$12.91	\$12.81	-\$0.10	-0.76%	\$9.50	\$15.83	\$6.33	66.63%
	40	\$6.66	\$15.36	\$8.70	130.55%	\$17.21	\$17.08	-\$0.13	-0.76%	\$23.88	\$32.44	\$8.57	35.89%
	50	\$16.73	\$27.70	\$10.97	65.55%	\$21.51	\$21.35	-\$0.16	-0.76%	\$38.25	\$49.05	\$10.81	28.25%
	60	\$20.39	\$32.31	\$11.93	58.51%	\$25.82	\$25.62	-\$0.20	-0.76%	\$46.20	\$57.94	\$11.73	25.39%
	70	\$24.04	\$36.93	\$12.89	53.62%	\$30.12	\$29.89	-\$0.23	-0.76%	\$54.16	\$66.82	\$12.66	23.37%
	80	\$27.69	\$41.54	\$13.85	50.01%	\$34.42	\$34.16	-\$0.26	-0.76%	\$62.11	\$75.70	\$13.59	21.87%
	100	\$34.99	\$50.76	\$15.77	45.05%	\$43.03	\$42.70	-\$0.33	-0.76%	\$78.02	\$93.46	\$15.44	19.79%
	120	\$42.30	\$59.98	\$17.68	41.81%	\$51.63	\$51.24	-\$0.39	-0.76%	\$93.93	\$111.22	\$17.29	18.41%
	140	\$49.60	\$69.21	\$19.60	39.52%	\$60.24	\$59.78	-\$0.46	-0.76%	\$109.84	\$128.99	\$19.14	17.43%
	160	\$56.91	\$78.43	\$21.52	37.82%	\$68.85	\$68.32	-\$0.52	-0.76%	\$125.75	\$146.75	\$21.00	16.70%
	180	\$64.21	\$87.65	\$23.44	36.51%	\$77.45	\$76.86	-\$0.59	-0.76%	\$141.66	\$164.51	\$22.85	16.13%
	200	\$71.51	\$96.87	\$25.36	35.46%	\$86.06	\$85.40	-\$0.66	-0.76%	\$157.57	\$182.28	\$24.70	15.68%
	220	\$78.82	\$106.10	\$27.28	34.61%	\$94.66	\$93.94	-\$0.72	-0.76%	\$173.48	\$200.04	\$26.56	15.31%
	250	\$89.77	\$119.93	\$30.16	33.59%	\$107.57	\$106.75	-\$0.82	-0.76%	\$197.35	\$226.68	\$29.34	14.87%
	300	\$108.03	\$142.99	\$34.95	32.35%	\$129.09	\$128.10	-\$0.98	-0.76%	\$237.12	\$271.09	\$33.97	14.33%
	400	\$144.55	\$189.10	\$44.55	30.82%	\$172.12	\$170.81	-\$1.31	-0.76%	\$316.67	\$359.91	\$43.24	13.65%
	2018				2019				Difference		Change		
First 3 or Less				-\$30.45						\$0.00	0.00%		
Next 47 Therms per Therm				\$0.949100				\$1.142900		\$0.194	20.42%		
Over 50 Therms per Therm				\$0.336300				\$0.405000		\$0.069	20.43%		
Billing & Payment Processing				\$1.200000				\$1.420000		\$0.220	18.33%		
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.022900		\$0.023	0.00%		
Incremental State Assessment Surcharge				\$0.000000				\$0.000000		\$0.000	0.00%		
Revenue Decoupling Mechanism				\$0.000000				\$0.000000		\$0.000	0.00%		
System Benefits Charge				\$0.003500				\$0.003500		\$0.000	0.00%		
Energy Efficiency Surcharge				\$0.008900				\$0.008900		\$0.000	0.00%		
Monthly Cost of Gas				\$0.404400				\$0.400953		(\$0.003)	-0.85%		
Merchant Function Charge				\$0.015044				\$0.015298		\$0.000	1.69%		
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				0.176000%				0.176000%		\$0.000	0.00%		
MTA on Supply				0.175000%				0.175000%		\$0.000	0.00%		

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 10 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 8 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 2-1 - Non Residential Non Heat

	Delivery				Commodity				Total			
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change
Therm Usage												
0	\$39.75	\$39.98	\$0.23	0.57%	\$0.00	\$0.00	\$0.00	0.00%	\$39.75	\$39.98	\$0.23	0.57%
3	\$39.80	\$40.06	\$0.27	0.67%	\$1.29	\$1.28	-\$0.01	-0.76%	\$41.09	\$41.34	\$0.26	0.62%
10	\$43.94	\$44.94	\$1.00	2.28%	\$4.30	\$4.27	-\$0.03	-0.76%	\$48.24	\$49.21	\$0.97	2.01%
30	\$55.78	\$58.89	\$3.11	5.58%	\$12.91	\$12.81	-\$0.10	-0.76%	\$68.69	\$71.70	\$3.01	4.39%
50	\$67.62	\$72.84	\$5.22	7.72%	\$21.51	\$21.35	-\$0.16	-0.76%	\$89.13	\$94.19	\$5.06	5.67%
70	\$79.46	\$86.79	\$7.33	9.23%	\$30.12	\$29.89	-\$0.23	-0.76%	\$109.58	\$116.68	\$7.10	6.48%
90	\$91.29	\$100.73	\$9.44	10.34%	\$38.73	\$38.43	-\$0.29	-0.76%	\$130.02	\$139.17	\$9.15	7.03%
110	\$99.56	\$110.54	\$10.98	11.03%	\$47.33	\$46.97	-\$0.36	-0.76%	\$146.89	\$157.51	\$10.62	7.23%
150	\$116.09	\$130.14	\$14.05	12.10%	\$64.54	\$64.05	-\$0.49	-0.76%	\$180.63	\$194.19	\$13.56	7.51%
200	\$136.75	\$154.64	\$17.89	13.08%	\$86.06	\$85.40	-\$0.66	-0.76%	\$222.81	\$240.04	\$17.24	7.74%
250	\$157.41	\$179.14	\$21.73	13.81%	\$107.57	\$106.76	-\$0.82	-0.76%	\$264.98	\$285.90	\$20.92	7.89%
300	\$178.07	\$203.65	\$25.58	14.36%	\$129.09	\$128.11	-\$0.98	-0.76%	\$307.16	\$331.75	\$24.59	8.01%
Typical	\$260.72	\$301.66	\$40.94	15.70%	\$215.15	\$213.51	-\$1.64	-0.76%	\$475.86	\$515.17	\$39.31	8.26%
700	\$343.36	\$399.67	\$56.31	16.40%	\$301.21	\$298.91	-\$2.29	-0.76%	\$644.57	\$698.58	\$54.02	8.38%
900	\$426.00	\$497.68	\$71.68	16.83%	\$387.27	\$384.32	-\$2.95	-0.76%	\$813.27	\$882.00	\$68.73	8.45%
1,100	\$508.65	\$595.69	\$87.05	17.11%	\$473.33	\$469.72	-\$3.60	-0.76%	\$981.97	\$1,065.42	\$83.44	8.50%
1,300	\$591.29	\$693.71	\$102.41	17.32%	\$559.38	\$555.13	-\$4.26	-0.76%	\$1,150.68	\$1,248.83	\$98.16	8.53%
1,500	\$673.94	\$791.72	\$117.78	17.48%	\$645.44	\$640.53	-\$4.91	-0.76%	\$1,319.38	\$1,432.25	\$112.87	8.55%
1,700	\$756.58	\$889.73	\$133.15	17.60%	\$731.50	\$725.93	-\$5.57	-0.76%	\$1,488.08	\$1,615.66	\$127.58	8.57%
1,900	\$839.23	\$987.74	\$148.52	17.70%	\$817.56	\$811.34	-\$6.22	-0.76%	\$1,656.79	\$1,799.08	\$142.29	8.59%
2,100	\$921.87	\$1,085.75	\$163.88	17.78%	\$903.62	\$896.74	-\$6.88	-0.76%	\$1,825.49	\$1,982.50	\$157.01	8.60%
3,000	\$1,293.77	\$1,526.81	\$233.04	18.01%	\$1,290.89	\$1,281.06	-\$9.83	-0.76%	\$2,584.66	\$2,807.87	\$223.21	8.64%
4,000	\$1,547.57	\$1,832.00	\$284.43	18.38%	\$1,721.18	\$1,708.08	-\$13.10	-0.76%	\$3,268.75	\$3,540.08	\$271.33	8.30%
5,000	\$1,801.37	\$2,137.20	\$335.83	18.64%	\$2,151.48	\$2,135.10	-\$16.38	-0.76%	\$3,952.85	\$4,272.30	\$319.45	8.08%
6,000	\$2,055.17	\$2,442.40	\$387.23	18.84%	\$2,581.77	\$2,562.12	-\$19.65	-0.76%	\$4,636.94	\$5,004.52	\$367.57	7.93%
7,000	\$2,308.97	\$2,747.59	\$438.62	19.00%	\$3,012.07	\$2,989.14	-\$22.93	-0.76%	\$5,321.04	\$5,736.74	\$415.70	7.81%
8,000	\$2,562.77	\$3,052.79	\$490.02	19.12%	\$3,442.37	\$3,416.16	-\$26.20	-0.76%	\$6,005.14	\$6,468.95	\$463.82	7.72%
9,000	\$2,816.57	\$3,357.99	\$541.42	19.22%	\$3,872.66	\$3,843.18	-\$29.48	-0.76%	\$6,689.23	\$7,201.17	\$511.94	7.65%
10,000	\$3,070.37	\$3,663.19	\$592.81	19.31%	\$4,302.96	\$4,270.20	-\$32.75	-0.76%	\$7,373.33	\$7,933.39	\$560.06	7.60%
11,000	\$3,324.18	\$3,968.38	\$644.21	19.38%	\$4,733.25	\$4,697.22	-\$36.03	-0.76%	\$8,057.43	\$8,665.61	\$608.18	7.55%
12,000	\$3,577.98	\$4,273.58	\$695.60	19.44%	\$5,163.55	\$5,124.24	-\$39.30	-0.76%	\$8,741.52	\$9,397.82	\$656.30	7.51%
13,000	\$3,831.78	\$4,578.78	\$747.00	19.49%	\$5,593.84	\$5,551.26	-\$42.58	-0.76%	\$9,425.62	\$10,130.04	\$704.42	7.47%
15,000	\$4,339.38	\$5,189.17	\$849.79	19.58%	\$6,454.43	\$6,405.30	-\$49.13	-0.76%	\$10,793.81	\$11,594.47	\$800.66	7.42%
20,000	\$5,608.38	\$6,715.16	\$1,106.77	19.73%	\$8,605.91	\$8,540.40	-\$65.51	-0.76%	\$14,214.30	\$15,255.56	\$1,041.27	7.33%
25,000	\$6,877.39	\$8,241.14	\$1,363.75	19.83%	\$10,757.39	\$10,675.51	-\$81.88	-0.76%	\$17,634.78	\$18,916.65	\$1,281.87	7.27%
30,000	\$8,146.39	\$9,767.13	\$1,620.74	19.90%	\$12,908.87	\$12,810.61	-\$98.26	-0.76%	\$21,055.26	\$22,577.73	\$1,522.47	7.23%
35,000	\$9,415.39	\$11,293.11	\$1,877.72	19.94%	\$15,060.35	\$14,945.71	-\$114.64	-0.76%	\$24,475.74	\$26,238.82	\$1,763.08	7.20%
40,000	\$10,684.40	\$12,819.10	\$2,134.70	19.98%	\$17,211.83	\$17,080.81	-\$131.02	-0.76%	\$27,896.22	\$29,899.91	\$2,003.68	7.18%
45,000	\$11,953.40	\$14,345.08	\$2,391.68	20.01%	\$19,363.30	\$19,215.91	-\$147.39	-0.76%	\$31,316.71	\$33,560.99	\$2,244.29	7.17%
50,000	\$13,222.41	\$15,871.07	\$2,648.66	20.03%	\$21,514.78	\$21,351.01	-\$163.77	-0.76%	\$34,737.19	\$37,222.08	\$2,484.89	7.15%
	\$1.20											
2018					2019						Difference	Change
First 3 therms			\$37.55				\$37.55				\$0.00	0.00%
Next 87 therms			\$0.562700				\$0.652700				\$0.090	15.99%
Next 2,910 therms			\$0.388500				\$0.450600				\$0.062	15.98%
Over 3,000 therms			\$0.233100				\$0.270400				\$0.037	16.00%
Billing & Payment Processing			\$1.200000				\$1.420000				\$0.220	18.33%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge			\$0.000000				\$0.012800				\$0.013	0.00%
Incremental State Assessment Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
System Benefits Charge			\$0.005400				\$0.005400				\$0.000	0.00%
Energy Efficiency Surcharge			\$0.008900				\$0.008900				\$0.000	0.00%
Monthly Cost of Gas			\$0.404400				\$0.400953				(\$0.003)	-0.85%
Merchant Function Charge			\$0.015044				\$0.015298				\$0.000	1.69%
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			0.176000%				0.176000%				\$0.000	0.00%
MTA on Supply			0.176000%				0.176000%				\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 11 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 9 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 2-2 - Non Residential Heat

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	\$39.75	\$39.98	\$0.23	0.57%	\$0.00	\$0.00	\$0.00	0.00%	\$39.75	\$39.98	\$0.23	0.57%	
3	\$39.80	\$40.08	\$0.28	0.70%	\$1.32	\$1.31	-\$0.01	-0.76%	\$41.12	\$41.39	\$0.27	0.65%	
10	\$44.10	\$45.29	\$1.19	2.71%	\$4.40	\$4.37	-\$0.03	-0.76%	\$48.50	\$49.66	\$1.16	2.39%	
15	\$47.17	\$49.02	\$1.85	3.92%	\$6.60	\$6.55	-\$0.05	-0.76%	\$53.77	\$55.57	\$1.80	3.34%	
20	\$50.24	\$52.75	\$2.50	4.98%	\$8.80	\$8.73	-\$0.07	-0.76%	\$59.04	\$61.48	\$2.44	4.13%	
25	\$53.32	\$56.47	\$3.16	5.92%	\$11.00	\$10.91	-\$0.08	-0.76%	\$64.31	\$67.39	\$3.07	4.78%	
30	\$56.39	\$60.20	\$3.81	6.76%	\$13.20	\$13.10	-\$0.10	-0.76%	\$69.59	\$73.30	\$3.71	5.33%	
40	\$62.54	\$67.66	\$5.12	8.19%	\$17.60	\$17.46	-\$0.13	-0.76%	\$80.13	\$85.12	\$4.98	6.22%	
50	\$68.68	\$75.11	\$6.43	9.36%	\$21.99	\$21.83	-\$0.17	-0.76%	\$90.68	\$96.94	\$6.26	6.90%	
60	\$74.83	\$82.56	\$7.73	10.34%	\$26.39	\$26.19	-\$0.20	-0.76%	\$101.22	\$108.76	\$7.53	7.44%	
70	\$80.97	\$90.02	\$9.04	11.17%	\$30.79	\$30.56	-\$0.23	-0.76%	\$111.77	\$120.57	\$8.81	7.88%	
80	\$87.12	\$97.47	\$10.35	11.88%	\$35.19	\$34.92	-\$0.27	-0.76%	\$122.31	\$132.39	\$10.08	8.24%	
100	\$98.38	\$111.16	\$12.77	12.98%	\$43.99	\$43.65	-\$0.33	-0.76%	\$142.37	\$154.81	\$12.44	8.74%	
120	\$108.62	\$123.62	\$15.00	13.81%	\$52.79	\$52.38	-\$0.40	-0.76%	\$161.40	\$176.00	\$14.60	9.05%	
140	\$118.85	\$136.08	\$17.23	14.50%	\$61.58	\$61.11	-\$0.47	-0.76%	\$180.44	\$197.20	\$16.76	9.29%	
160	\$129.09	\$148.54	\$19.46	15.07%	\$70.38	\$69.84	-\$0.54	-0.76%	\$199.47	\$218.39	\$18.92	9.49%	
180	\$139.32	\$161.01	\$21.69	15.57%	\$79.18	\$78.58	-\$0.60	-0.76%	\$218.50	\$239.58	\$21.08	9.65%	
Typical	200	\$149.55	\$173.47	\$23.91	15.99%	\$87.98	\$87.31	-\$0.67	-0.76%	\$237.53	\$260.77	\$23.24	9.79%
	250	\$175.14	\$204.62	\$29.48	16.83%	\$109.97	\$109.13	-\$0.84	-0.76%	\$285.11	\$313.76	\$28.65	10.05%
	280	\$190.49	\$223.32	\$32.83	17.23%	\$123.17	\$122.23	-\$0.94	-0.76%	\$313.66	\$345.55	\$31.89	10.17%
	300	\$200.72	\$235.78	\$35.05	17.46%	\$131.96	\$130.96	-\$1.00	-0.76%	\$332.69	\$366.74	\$34.05	10.23%
	400	\$251.90	\$298.09	\$46.20	18.34%	\$175.95	\$174.61	-\$1.34	-0.76%	\$427.85	\$472.70	\$44.86	10.48%
	500	\$303.07	\$360.40	\$57.34	18.92%	\$219.94	\$218.27	-\$1.67	-0.76%	\$523.01	\$578.67	\$55.66	10.64%
	600	\$354.24	\$422.71	\$68.48	19.33%	\$263.93	\$261.92	-\$2.01	-0.76%	\$618.16	\$684.63	\$66.47	10.75%
	1,000	\$558.92	\$671.96	\$113.04	20.23%	\$439.88	\$436.53	-\$3.35	-0.76%	\$998.80	\$1,108.49	\$109.69	10.98%
	1,500	\$814.77	\$983.52	\$168.75	20.71%	\$659.82	\$654.80	-\$5.02	-0.76%	\$1,474.59	\$1,638.31	\$163.72	11.10%
	2,000	\$1,070.62	\$1,295.07	\$224.45	20.96%	\$879.76	\$873.06	-\$6.70	-0.76%	\$1,950.38	\$2,168.14	\$217.75	11.16%
	2,570	\$1,362.30	\$1,650.25	\$287.95	21.14%	\$1,130.49	\$1,121.88	-\$8.61	-0.76%	\$2,492.78	\$2,772.13	\$279.35	11.21%
	3,000	\$1,582.33	\$1,918.19	\$335.86	21.23%	\$1,319.64	\$1,309.59	-\$10.05	-0.76%	\$2,901.96	\$3,227.78	\$325.82	11.23%
	5,000	\$2,274.18	\$2,770.48	\$496.31	21.82%	\$2,199.39	\$2,182.65	-\$16.74	-0.76%	\$4,473.57	\$4,953.14	\$479.57	10.72%
	9,000	\$3,657.87	\$4,475.07	\$817.20	22.34%	\$3,958.91	\$3,928.77	-\$30.14	-0.76%	\$7,616.78	\$8,403.85	\$787.07	10.33%
	10,000	\$4,003.80	\$4,901.22	\$897.42	22.41%	\$4,398.79	\$4,365.30	-\$33.48	-0.76%	\$8,402.58	\$9,266.52	\$863.94	10.28%
	30,000	\$10,922.28	\$13,424.17	\$2,501.89	22.91%	\$13,196.36	\$13,095.91	-\$100.45	-0.76%	\$24,118.64	\$26,520.08	\$2,401.44	9.96%
	50,000	\$17,840.76	\$21,947.12	\$4,106.35	23.02%	\$21,993.93	\$21,826.52	-\$167.42	-0.76%	\$39,834.70	\$43,773.63	\$3,938.94	9.89%
	75,000	\$26,488.87	\$32,600.80	\$6,111.93	23.07%	\$32,990.90	\$32,739.77	-\$251.13	-0.76%	\$59,479.77	\$65,340.57	\$5,860.81	9.85%
	100,000	\$35,136.97	\$43,254.49	\$8,117.51	23.10%	\$43,987.87	\$43,653.03	-\$334.83	-0.76%	\$79,124.84	\$86,907.52	\$7,782.68	9.84%
	150,000	\$52,433.18	\$64,561.85	\$12,128.67	23.13%	\$65,981.80	\$65,479.55	-\$502.25	-0.76%	\$118,414.98	\$130,041.40	\$11,626.42	9.82%
	200,000	\$69,729.39	\$85,869.22	\$16,139.84	23.15%	\$87,975.73	\$87,306.06	-\$669.67	-0.76%	\$157,705.12	\$173,175.29	\$15,470.17	9.81%
	250,000	\$87,025.60	\$107,176.59	\$20,150.99	23.16%	\$109,969.66	\$109,132.58	-\$837.09	-0.76%	\$196,995.26	\$216,309.17	\$19,313.91	9.80%
	500,000	\$173,506.64	\$213,713.44	\$40,206.80	23.17%	\$219,939.33	\$218,265.16	-\$1,674.17	-0.76%	\$393,445.96	\$431,978.59	\$38,532.63	9.79%
	750,000	\$259,987.68	\$320,250.28	\$60,262.61	23.18%	\$329,908.99	\$327,397.73	-\$2,511.26	-0.76%	\$589,896.67	\$647,648.02	\$57,751.35	9.79%
	2018					2019					Difference	Change	
First 3 therms				\$37.55					\$37.55		\$0.00	0.00%	
Next 87 therms				\$0.584800					\$0.694900		\$0.110	18.83%	
Next 2,910 therms				\$0.484500					\$0.575700		\$0.091	18.82%	
Over 3,000 therms				\$0.322900					\$0.383700		\$0.061	18.83%	
Billing & Payment Processing				\$1.200000					\$1.420000		\$0.220	18.33%	
Delivery Rate Adjustment									\$0.017400		\$0.017	0.00%	
Site Investigation & Remediation Surcharge				\$0.000000					\$0.000000		\$0.000	0.00%	
Incremental State Assessment Surcharge				\$0.005400					\$0.005400		\$0.000	0.00%	
System Benefits Charge				\$0.008900					\$0.008900		\$0.000	0.00%	
Energy Efficiency Surcharge				\$0.404400					\$0.400953		(\$0.003)	-0.85%	
Monthly Cost of Gas				\$0.015044					\$0.015298		\$0.000	1.69%	
Merchant Function Charge				2.407000%					2.407000%		\$0.000	0.00%	
GRT on Delivery				2.407000%					2.407000%		\$0.000	0.00%	
GRT on Supply				0.176000%					0.176000%		\$0.000	0.00%	
MTA on Delivery				2.407000%					2.407000%		\$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)

Therm Usage	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
0	\$42.64	\$42.87	\$0.23	0.54%	\$0.00	\$0.00	\$0.00	0.00%	\$42.64	\$42.87	\$0.23	0.54%	
3	\$42.68	\$42.94	\$0.26	0.62%	\$1.29	\$1.28	-\$0.01	-0.76%	\$43.97	\$44.23	\$0.25	0.58%	
10	\$45.66	\$46.36	\$0.70	1.53%	\$4.30	\$4.27	-\$0.03	-0.76%	\$49.96	\$50.63	\$0.67	1.33%	
50	\$62.66	\$65.84	\$3.19	5.09%	\$21.51	\$21.35	-\$0.16	-0.76%	\$84.17	\$87.19	\$3.02	3.59%	
100	\$83.91	\$90.20	\$6.30	7.51%	\$43.03	\$42.70	-\$0.33	-0.76%	\$126.94	\$132.91	\$5.97	4.70%	
150	\$105.16	\$114.57	\$9.41	8.95%	\$64.54	\$64.05	-\$0.49	-0.76%	\$169.70	\$178.62	\$8.92	5.25%	
200	\$126.41	\$138.93	\$12.52	9.90%	\$86.06	\$85.40	-\$0.66	-0.76%	\$212.47	\$224.33	\$11.86	5.58%	
250	\$147.66	\$163.29	\$15.63	10.58%	\$107.57	\$106.76	-\$0.82	-0.76%	\$255.23	\$270.04	\$14.81	5.80%	
300	\$168.91	\$187.65	\$18.74	11.09%	\$129.09	\$128.11	-\$0.98	-0.76%	\$298.00	\$315.75	\$17.76	5.96%	
350	\$190.16	\$212.01	\$21.85	11.49%	\$150.60	\$149.46	-\$1.15	-0.76%	\$340.76	\$361.46	\$20.70	6.08%	
400	\$211.41	\$236.37	\$24.96	11.81%	\$172.12	\$170.81	-\$1.31	-0.76%	\$383.53	\$407.18	\$23.65	6.17%	
450	\$232.66	\$260.73	\$28.07	12.07%	\$193.63	\$192.16	-\$1.47	-0.76%	\$426.29	\$452.89	\$26.60	6.24%	
500	\$253.91	\$285.09	\$31.18	12.28%	\$215.15	\$213.51	-\$1.64	-0.76%	\$469.06	\$498.60	\$29.54	6.30%	
1,000	\$466.41	\$528.70	\$62.29	13.35%	\$430.30	\$427.02	-\$3.28	-0.76%	\$896.70	\$955.72	\$59.01	6.58%	
Typical	1,500	\$624.66	\$711.24	\$86.59	13.86%	\$645.44	\$640.53	-\$4.91	-0.76%	\$1,270.10	\$1,351.77	\$81.67	6.43%
2,000	\$782.91	\$893.79	\$110.88	14.16%	\$860.59	\$854.04	-\$6.55	-0.76%	\$1,643.50	\$1,747.83	\$104.33	6.35%	
2,500	\$941.16	\$1,076.34	\$135.18	14.36%	\$1,075.74	\$1,067.55	-\$8.19	-0.76%	\$2,016.90	\$2,143.89	\$126.99	6.30%	
3,000	\$1,099.41	\$1,258.89	\$159.48	14.51%	\$1,290.89	\$1,281.06	-\$9.83	-0.76%	\$2,390.30	\$2,539.95	\$149.65	6.26%	
3,500	\$1,257.66	\$1,441.44	\$183.78	14.61%	\$1,506.03	\$1,494.57	-\$11.46	-0.76%	\$2,763.69	\$2,936.01	\$172.31	6.23%	
4,000	\$1,415.91	\$1,623.98	\$208.07	14.70%	\$1,721.18	\$1,708.08	-\$13.10	-0.76%	\$3,137.09	\$3,332.06	\$194.97	6.22%	
4,500	\$1,574.16	\$1,806.53	\$232.37	14.76%	\$1,936.33	\$1,921.59	-\$14.74	-0.76%	\$3,510.49	\$3,728.12	\$217.63	6.20%	
5,000	\$1,732.41	\$1,989.08	\$256.67	14.82%	\$2,151.48	\$2,135.10	-\$16.38	-0.76%	\$3,883.89	\$4,124.18	\$240.29	6.19%	
5,500	\$1,890.66	\$2,171.63	\$280.97	14.86%	\$2,366.63	\$2,348.61	-\$18.01	-0.76%	\$4,257.29	\$4,520.24	\$262.95	6.18%	
6,000	\$2,048.91	\$2,354.18	\$305.27	14.90%	\$2,581.77	\$2,562.12	-\$19.65	-0.76%	\$4,630.68	\$4,916.30	\$285.61	6.17%	
6,500	\$2,207.16	\$2,536.72	\$329.56	14.93%	\$2,796.92	\$2,775.63	-\$21.29	-0.76%	\$5,004.08	\$5,312.35	\$308.27	6.16%	
7,000	\$2,365.41	\$2,719.27	\$353.86	14.96%	\$3,012.07	\$2,989.14	-\$22.93	-0.76%	\$5,377.48	\$5,708.41	\$330.93	6.15%	
7,500	\$2,523.66	\$2,901.82	\$378.16	14.98%	\$3,227.22	\$3,202.65	-\$24.57	-0.76%	\$5,750.88	\$6,104.47	\$353.59	6.15%	
8,000	\$2,681.91	\$3,084.37	\$402.46	15.01%	\$3,442.37	\$3,416.16	-\$26.20	-0.76%	\$6,124.27	\$6,500.53	\$376.25	6.14%	
8,500	\$2,840.16	\$3,266.91	\$426.75	15.03%	\$3,657.51	\$3,629.67	-\$27.84	-0.76%	\$6,497.67	\$6,896.59	\$398.91	6.14%	
9,000	\$2,998.41	\$3,449.46	\$451.05	15.04%	\$3,872.66	\$3,843.18	-\$29.48	-0.76%	\$6,871.07	\$7,292.64	\$421.57	6.14%	
9,500	\$3,156.66	\$3,632.01	\$475.35	15.06%	\$4,087.81	\$4,056.69	-\$31.12	-0.76%	\$7,244.47	\$7,688.70	\$444.23	6.13%	
10,000	\$3,314.91	\$3,814.56	\$499.65	15.07%	\$4,302.96	\$4,270.20	-\$32.75	-0.76%	\$7,617.87	\$8,084.76	\$466.89	6.13%	
15,000	\$4,897.41	\$5,640.04	\$742.63	15.16%	\$6,454.43	\$6,405.30	-\$49.13	-0.76%	\$11,351.84	\$12,045.34	\$693.50	6.11%	
20,000	\$6,479.91	\$7,465.52	\$985.60	15.21%	\$8,605.91	\$8,540.40	-\$65.51	-0.76%	\$15,085.82	\$16,005.92	\$920.10	6.10%	
25,000	\$8,062.41	\$9,290.99	\$1,228.58	15.24%	\$10,757.39	\$10,675.51	-\$81.88	-0.76%	\$18,819.80	\$19,966.50	\$1,146.70	6.09%	
50,000	\$15,974.91	\$18,418.39	\$2,443.47	15.30%	\$21,514.78	\$21,351.01	-\$163.77	-0.76%	\$37,489.70	\$39,769.40	\$2,279.70	6.08%	
75,000	\$23,887.42	\$27,545.78	\$3,658.37	15.32%	\$32,272.17	\$32,026.52	-\$245.65	-0.76%	\$56,159.59	\$59,572.30	\$3,412.71	6.08%	
100,000	\$31,799.92	\$36,673.18	\$4,873.26	15.32%	\$43,029.56	\$42,702.02	-\$327.54	-0.76%	\$74,829.48	\$79,375.20	\$4,545.72	6.07%	
150,000	\$47,624.93	\$54,927.97	\$7,303.04	15.33%	\$64,544.34	\$64,053.03	-\$491.31	-0.76%	\$112,169.27	\$118,981.00	\$6,811.73	6.07%	
200,000	\$63,449.93	\$73,182.75	\$9,732.82	15.34%	\$86,059.13	\$85,404.05	-\$655.08	-0.76%	\$149,509.06	\$158,586.80	\$9,077.74	6.07%	
250,000	\$79,274.94	\$91,437.54	\$12,162.60	15.34%	\$107,573.91	\$106,755.06	-\$818.85	-0.76%	\$186,848.84	\$198,192.60	\$11,343.75	6.07%	
300,000	\$95,099.94	\$109,692.33	\$14,592.39	15.34%	\$129,088.69	\$128,106.07	-\$982.62	-0.76%	\$224,188.63	\$237,798.40	\$13,609.77	6.07%	
400,000	\$126,749.96	\$146,201.91	\$19,451.95	15.35%	\$172,118.25	\$170,808.09	-\$1,310.16	-0.76%	\$298,868.21	\$317,010.00	\$18,141.79	6.07%	
500,000	\$158,399.97	\$182,711.48	\$24,311.52	15.35%	\$215,147.81	\$213,510.11	-\$1,637.70	-0.76%	\$373,547.78	\$396,221.60	\$22,673.82	6.07%	

	2018	2019	Difference	Change
First 3 therms		\$39.51		
Next 997 therms		\$0.391500		
Over 1,000 therms		\$0.287900		
Billing & Payment Processing		\$1.200000		
Delivery Rate Adjustment				
Site Investigation & Remediation Surcharge	\$0.000000			
Incremental State Assessment Surcharge	\$0.000000	\$0.010500	\$0.011	0.00%
System Benefits Charge	\$0.005400	\$0.000000	\$0.000	0.00%
Energy Efficiency Surcharge	\$0.008900	\$0.005400	\$0.000	0.00%
Monthly Cost of Gas	\$0.404400	\$0.008900	\$0.000	0.00%
Merchant Function Charge	\$0.015044	\$0.400953	(\$0.003)	-0.85%
RT on Delivery		\$0.015298	\$0.000	1.69%
RT on Supply	4.548000%	4.548000%	\$0.000	0.00%
FA on Delivery	2.407000%	2.407000%	\$0.000	0.00%
FA on Supply	0.176000%	0.176000%	\$0.000	0.00%
		0.176000%	\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 13 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 11 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A - High Load Factor Service

Therm Usage	Delivery				Commodity				Total			
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change
0	\$252.09	\$252.31	\$0.22	0.09%	\$0.00	\$0.00	\$0.00	0.00%	\$252.09	\$252.31	\$0.22	0.09%
10	\$252.23	\$252.52	\$0.29	0.12%	\$3.26	\$3.11	-\$0.14	-4.38%	\$255.49	\$255.64	\$0.15	0.06%
50	\$262.38	\$264.44	\$2.06	0.79%	\$16.29	\$15.57	-\$0.71	-4.38%	\$278.67	\$280.02	\$1.35	0.48%
100	\$275.07	\$279.34	\$4.27	1.55%	\$32.57	\$31.15	-\$1.43	-4.38%	\$307.65	\$310.49	\$2.85	0.93%
200	\$300.45	\$309.15	\$8.70	2.89%	\$65.15	\$62.30	-\$2.85	-4.38%	\$365.60	\$371.45	\$5.85	1.60%
300	\$325.83	\$338.95	\$13.12	4.03%	\$97.72	\$93.45	-\$4.28	-4.38%	\$423.55	\$432.40	\$8.85	2.09%
400	\$351.21	\$368.76	\$17.55	5.00%	\$130.30	\$124.60	-\$5.70	-4.38%	\$481.51	\$493.35	\$11.84	2.46%
500	\$376.59	\$398.56	\$21.97	5.83%	\$162.87	\$155.75	-\$7.13	-4.38%	\$539.46	\$554.31	\$14.84	2.75%
1,000	\$503.49	\$547.58	\$44.09	8.76%	\$325.75	\$311.49	-\$14.25	-4.38%	\$829.24	\$859.07	\$29.84	3.60%
5,000	\$1,456.84	\$1,668.30	\$211.46	14.52%	\$1,628.74	\$1,557.47	-\$71.27	-4.38%	\$3,085.58	\$3,225.77	\$140.19	4.54%
10,000	\$2,648.52	\$3,069.20	\$420.68	15.88%	\$3,257.49	\$3,114.95	-\$142.54	-4.38%	\$5,906.01	\$6,184.14	\$278.14	4.71%
15,000	\$3,840.20	\$4,470.09	\$629.89	16.40%	\$4,886.23	\$4,672.42	-\$213.81	-4.38%	\$8,726.44	\$9,142.52	\$416.08	4.77%
20,000	\$5,031.89	\$5,870.99	\$839.10	16.68%	\$6,514.98	\$6,229.90	-\$285.08	-4.38%	\$11,546.86	\$12,100.89	\$554.03	4.80%
25,000	\$6,223.57	\$7,271.89	\$1,048.32	16.84%	\$8,143.72	\$7,787.37	-\$356.35	-4.38%	\$14,367.29	\$15,059.26	\$691.97	4.82%
30,000	\$7,415.25	\$8,672.79	\$1,257.53	16.96%	\$9,772.46	\$9,344.85	-\$427.62	-4.38%	\$17,187.72	\$18,017.64	\$829.92	4.83%
35,000	\$8,606.94	\$10,073.69	\$1,466.75	17.04%	\$11,401.21	\$10,902.32	-\$498.89	-4.38%	\$20,008.15	\$20,976.01	\$967.86	4.84%
40,000	\$9,798.62	\$11,474.58	\$1,675.96	17.10%	\$13,029.95	\$12,459.80	-\$570.16	-4.38%	\$22,828.57	\$23,934.38	\$1,105.81	4.84%
45,000	\$10,990.31	\$12,875.48	\$1,885.18	17.15%	\$14,658.70	\$14,017.27	-\$641.42	-4.38%	\$25,649.00	\$26,892.75	\$1,243.75	4.85%
Typical	\$12,181.99	\$14,276.38	\$2,094.39	17.19%	\$16,287.44	\$15,574.75	-\$712.69	-4.38%	\$28,469.43	\$29,851.13	\$1,381.70	4.85%
55,000	\$13,373.67	\$15,677.28	\$2,303.61	17.22%	\$17,916.18	\$17,132.22	-\$783.96	-4.38%	\$31,289.86	\$32,809.50	\$1,519.64	4.86%
60,000	\$14,565.36	\$17,078.18	\$2,512.82	17.25%	\$19,544.93	\$18,689.69	-\$855.23	-4.38%	\$34,110.28	\$35,767.87	\$1,657.59	4.86%
65,000	\$15,757.04	\$18,479.08	\$2,722.03	17.28%	\$21,173.67	\$20,247.17	-\$926.50	-4.38%	\$36,930.71	\$38,726.24	\$1,795.53	4.86%
70,000	\$16,948.72	\$19,879.97	\$2,931.25	17.29%	\$22,802.42	\$21,804.64	-\$997.77	-4.38%	\$39,751.14	\$41,684.62	\$1,933.48	4.86%
75,000	\$18,140.41	\$21,280.87	\$3,140.46	17.31%	\$24,431.16	\$23,362.12	-\$1,069.04	-4.38%	\$42,571.57	\$44,642.99	\$2,071.42	4.87%
80,000	\$19,332.09	\$22,681.77	\$3,349.68	17.33%	\$26,059.90	\$24,919.59	-\$1,140.31	-4.38%	\$45,391.99	\$47,601.36	\$2,209.37	4.87%
85,000	\$20,523.78	\$24,082.67	\$3,558.89	17.34%	\$27,688.65	\$26,477.07	-\$1,211.58	-4.38%	\$48,212.42	\$50,559.74	\$2,347.31	4.87%
90,000	\$21,715.46	\$25,483.57	\$3,768.11	17.35%	\$29,317.39	\$28,034.54	-\$1,282.85	-4.38%	\$51,032.85	\$53,518.11	\$2,485.26	4.87%
95,000	\$22,907.14	\$26,884.46	\$3,977.32	17.36%	\$30,946.14	\$29,592.02	-\$1,354.12	-4.38%	\$53,853.28	\$56,476.48	\$2,623.20	4.87%
100,000	\$24,098.83	\$28,285.36	\$4,186.54	17.37%	\$32,574.88	\$31,149.49	-\$1,425.39	-4.38%	\$56,673.71	\$59,434.85	\$2,761.15	4.87%
105,000	\$25,290.51	\$29,686.26	\$4,395.75	17.38%	\$34,203.62	\$32,706.97	-\$1,496.66	-4.38%	\$59,494.13	\$62,393.23	\$2,899.09	4.87%
110,000	\$26,482.19	\$31,087.16	\$4,604.97	17.39%	\$35,832.37	\$34,264.44	-\$1,567.93	-4.38%	\$62,314.56	\$65,351.60	\$3,037.04	4.87%
115,000	\$27,673.88	\$32,488.06	\$4,814.18	17.40%	\$37,461.11	\$35,821.92	-\$1,639.20	-4.38%	\$65,134.99	\$68,209.97	\$3,174.98	4.87%
2018					2019						Difference	Change
First 10 therms				\$250.00				\$250.00			\$0.00	0.00%
Next 990 therms				\$0.238608				\$0.275592			\$0.037	15.50%
Over 1,000 therms				\$0.223200				\$0.257796			\$0.035	15.50%
Billing & Payment Processing				\$1.200000				\$1.420000			\$0.220	18.33%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge				\$0.000000				\$0.007100			\$0.007	0.00%
Incremental Static Assessment Surcharge				\$0.000000				\$0.000000			\$0.000	0.00%
System Benefits Charge				\$0.005400				\$0.005400			\$0.000	0.00%
Energy Efficiency Surcharge				\$0.008900				\$0.008900			\$0.000	0.00%
Monthly Cost of Gas				\$0.297553				\$0.283897			(\$0.014)	-4.59%
Merchant Function Charge				\$0.013062				\$0.013127			\$0.000	0.00%
GRT on Delivery				0.176000%				0.176000%			\$0.000	0.00%
GRT on Supply				2.407000%				2.407000%			\$0.000	0.00%
MTA on Delivery				0.176000%				0.176000%			\$0.000	0.00%
MTA on Supply				2.407000%				2.407000%			\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 14 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 12 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 4A-CNG - Compressed Natural Gas Service

Therm Usage	Delivery				Commodity				Total			
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change
0	\$257.70	\$257.92	\$0.23	0.09%	\$0.00	\$0.00	\$0.00	0.00%	\$257.70	\$257.92	\$0.23	0.09%
10	\$257.70	\$258.00	\$0.30	0.12%	\$3.14	\$3.18	\$0.04	1.22%	\$260.84	\$261.18	\$0.34	0.13%
50	\$267.49	\$269.60	\$2.11	0.79%	\$15.70	\$15.89	\$0.19	1.22%	\$283.19	\$285.49	\$2.30	0.81%
100	\$279.73	\$284.10	\$4.37	1.56%	\$31.40	\$31.78	\$0.38	1.22%	\$311.13	\$315.88	\$4.75	1.53%
500	\$377.64	\$400.10	\$22.46	5.95%	\$157.00	\$158.92	\$1.91	1.22%	\$534.65	\$559.02	\$24.37	4.56%
1,000	\$500.03	\$545.10	\$45.07	9.01%	\$314.01	\$317.84	\$3.83	1.22%	\$814.04	\$862.94	\$48.90	6.01%
5,000	\$1,415.93	\$1,632.10	\$216.17	15.27%	\$1,570.04	\$1,589.19	\$19.14	1.22%	\$2,985.98	\$3,221.29	\$235.31	7.88%
10,000	\$2,560.81	\$2,990.85	\$430.04	16.79%	\$3,140.09	\$3,178.38	\$38.29	1.22%	\$5,700.89	\$6,169.23	\$468.33	8.22%
15,000	\$3,705.68	\$4,349.60	\$643.92	17.38%	\$4,710.13	\$4,767.57	\$57.43	1.22%	\$8,415.81	\$9,117.16	\$701.35	8.33%
20,000	\$4,850.55	\$5,708.34	\$857.79	17.68%	\$6,280.18	\$6,356.75	\$76.57	1.22%	\$11,130.73	\$12,065.10	\$934.37	8.39%
25,000	\$5,995.43	\$7,067.09	\$1,071.67	17.87%	\$7,850.22	\$7,945.94	\$95.72	1.22%	\$13,845.65	\$15,013.03	\$1,167.38	8.43%
30,000	\$7,140.30	\$8,425.84	\$1,285.54	18.00%	\$9,420.27	\$9,535.13	\$114.86	1.22%	\$16,560.57	\$17,960.97	\$1,400.40	8.46%
35,000	\$8,285.17	\$9,784.59	\$1,499.41	18.10%	\$10,990.31	\$11,124.32	\$134.01	1.22%	\$19,275.49	\$20,908.91	\$1,633.42	8.47%
40,000	\$9,430.05	\$11,143.33	\$1,713.29	18.17%	\$12,560.36	\$12,713.51	\$153.15	1.22%	\$21,990.41	\$23,856.84	\$1,866.44	8.49%
45,000	\$10,574.92	\$12,502.08	\$1,927.16	18.22%	\$14,130.40	\$14,302.70	\$172.29	1.22%	\$24,705.32	\$26,804.78	\$2,099.45	8.50%
50,000	\$11,719.79	\$13,860.83	\$2,141.04	18.27%	\$15,700.45	\$15,891.89	\$191.44	1.22%	\$27,420.24	\$29,752.71	\$2,332.47	8.51%
55,000	\$12,864.67	\$15,219.58	\$2,354.91	18.31%	\$17,270.49	\$17,481.07	\$210.58	1.22%	\$30,135.16	\$32,700.65	\$2,565.49	8.51%
Typical	\$14,009.54	\$16,578.32	\$2,568.78	18.34%	\$18,840.54	\$19,070.26	\$229.72	1.22%	\$32,850.08	\$35,648.59	\$2,798.51	8.52%
65,000	\$15,154.41	\$17,937.07	\$2,782.66	18.36%	\$20,410.58	\$20,659.45	\$248.87	1.22%	\$35,565.00	\$38,596.52	\$3,031.52	8.52%
70,000	\$16,299.29	\$19,295.82	\$2,996.53	18.38%	\$21,980.63	\$22,248.64	\$268.01	1.22%	\$38,279.92	\$41,544.46	\$3,264.54	8.53%
75,000	\$17,444.16	\$20,654.57	\$3,210.40	18.40%	\$23,550.67	\$23,837.83	\$287.15	1.22%	\$40,994.84	\$44,492.39	\$3,497.56	8.53%
80,000	\$18,589.03	\$22,013.31	\$3,424.28	18.42%	\$25,120.72	\$25,427.02	\$306.30	1.22%	\$43,709.75	\$47,440.33	\$3,730.58	8.53%
85,000	\$19,733.91	\$23,372.06	\$3,638.15	18.44%	\$26,690.76	\$27,016.21	\$325.44	1.22%	\$46,424.67	\$50,388.27	\$3,963.59	8.54%
90,000	\$20,878.78	\$24,730.81	\$3,852.03	18.45%	\$28,260.81	\$28,605.39	\$344.59	1.22%	\$49,139.59	\$53,336.20	\$4,196.61	8.54%
95,000	\$22,023.66	\$26,089.56	\$4,065.90	18.46%	\$29,830.85	\$30,194.58	\$363.73	1.22%	\$51,854.51	\$56,284.14	\$4,429.63	8.54%
100,000	\$23,168.53	\$27,448.30	\$4,279.77	18.47%	\$31,400.90	\$31,783.77	\$382.87	1.22%	\$54,569.43	\$59,232.07	\$4,662.65	8.54%
105,000	\$24,313.40	\$28,807.05	\$4,493.65	18.48%	\$32,970.94	\$33,372.96	\$402.02	1.22%	\$57,284.35	\$62,180.01	\$4,895.66	8.55%
110,000	\$25,458.28	\$30,165.80	\$4,707.52	18.49%	\$34,540.99	\$34,962.15	\$421.16	1.22%	\$59,999.26	\$65,127.95	\$5,128.68	8.55%
115,000	\$26,603.15	\$31,524.55	\$4,921.40	18.50%	\$36,111.03	\$36,551.34	\$440.30	1.22%	\$62,714.18	\$68,075.88	\$5,361.70	8.55%
120,000	\$27,748.02	\$32,883.29	\$5,135.27	18.51%	\$37,681.08	\$38,140.53	\$459.45	1.22%	\$65,429.10	\$71,023.82	\$5,594.72	8.55%
125,000	\$28,892.90	\$34,242.04	\$5,349.14	18.51%	\$39,251.12	\$39,729.71	\$478.59	1.22%	\$68,144.02	\$73,971.75	\$5,827.73	8.55%
130,000	\$30,037.77	\$35,600.79	\$5,563.02	18.52%	\$40,821.17	\$41,318.90	\$497.73	1.22%	\$70,858.94	\$76,919.69	\$6,060.75	8.55%
2018					2019						Difference	Change
First 10 therms			\$250.00				\$250.00				\$0.00	0.00%
Next 990 therms			\$0.238608				\$0.275592				\$0.037	15.50%
Over 1,000 therms			\$0.223200				\$0.257796				\$0.035	15.50%
Billing & Payment Processing			\$1.200000				\$1.420000				\$0.220	18.33%
Delivery Rate Adjustment												
Site Investigation & Remediation Surcharge			\$0.000000				\$0.007100				\$0.007	0.00%
Incremental State Assessment Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
System Benefits Charge			\$0.000000				\$0.000000				\$0.000	0.00%
Energy Efficiency Surcharge			\$0.000000				\$0.000000				\$0.000	0.00%
Monthly Cost of Gas			\$0.293110				\$0.296462				\$0.003	1.14%
Merchant Function Charge			\$0.012980				\$0.013360				\$0.000	2.93%
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			0.176000%				0.176000%				\$0.000	0.00%
MTA on Supply			0.176000%				0.176000%				\$0.000	0.00%

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 15 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JP5 LBJ-82 BULI-723
Page 13 of 14

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)

	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
Therm Usage													
0	\$134.59	\$134.82	\$0.23	0.17%	\$0.00	\$0.00	\$0.00	0.00%	\$134.59	\$134.82	\$0.23	0.17%	
10	\$144.53	\$146.31	\$1.78	1.23%	\$3.51	\$3.53	\$0.02	0.48%	\$148.04	\$149.84	\$1.80	1.22%	
50	\$188.61	\$197.25	\$8.64	4.58%	\$17.56	\$17.65	\$0.08	0.48%	\$206.17	\$214.90	\$8.73	4.23%	
100	\$243.71	\$260.93	\$17.22	7.07%	\$35.13	\$35.30	\$0.17	0.48%	\$278.83	\$296.22	\$17.39	6.24%	
200	\$353.91	\$388.28	\$34.37	9.71%	\$70.25	\$70.59	\$0.34	0.48%	\$424.16	\$458.87	\$34.71	8.18%	
300	\$392.16	\$433.23	\$41.07	10.47%	\$105.38	\$105.89	\$0.50	0.48%	\$497.54	\$539.12	\$41.58	8.36%	
400	\$430.42	\$478.19	\$47.77	11.10%	\$140.51	\$141.18	\$0.67	0.48%	\$570.92	\$619.37	\$48.44	8.49%	
500	\$468.67	\$523.14	\$54.47	11.62%	\$175.63	\$176.48	\$0.84	0.48%	\$644.30	\$699.62	\$55.31	8.58%	
750	\$564.31	\$635.52	\$71.22	12.62%	\$263.45	\$264.71	\$1.26	0.48%	\$827.76	\$900.24	\$72.48	8.76%	
1,000	\$659.94	\$747.91	\$87.96	13.33%	\$351.27	\$352.95	\$1.68	0.48%	\$1,011.21	\$1,100.86	\$89.65	8.87%	
1,250	\$755.58	\$860.29	\$104.71	13.86%	\$439.09	\$441.19	\$2.10	0.48%	\$1,194.67	\$1,301.48	\$106.82	8.94%	
1,500	\$851.22	\$972.68	\$121.46	14.27%	\$526.90	\$529.43	\$2.52	0.48%	\$1,378.12	\$1,502.11	\$123.98	9.00%	
1,750	\$946.85	\$1,085.06	\$138.21	14.60%	\$614.72	\$617.67	\$2.94	0.48%	\$1,561.58	\$1,702.73	\$141.15	9.04%	
2,000	\$1,042.49	\$1,197.45	\$154.95	14.86%	\$702.54	\$705.90	\$3.37	0.48%	\$1,745.03	\$1,903.35	\$158.32	9.07%	
2,250	\$1,138.13	\$1,309.83	\$171.70	15.09%	\$790.36	\$794.14	\$3.79	0.48%	\$1,928.49	\$2,103.97	\$175.49	9.10%	
2,500	\$1,233.77	\$1,422.21	\$188.45	15.27%	\$878.17	\$882.38	\$4.21	0.48%	\$2,111.94	\$2,304.59	\$192.66	9.12%	
2,750	\$1,329.40	\$1,534.60	\$205.20	15.44%	\$965.99	\$970.62	\$4.63	0.48%	\$2,295.39	\$2,505.22	\$209.82	9.14%	
Typical	3,000	\$1,425.04	\$1,646.98	\$221.94	15.57%	\$1,053.81	\$1,058.86	\$5.05	0.48%	\$2,478.85	\$2,705.84	\$226.99	9.16%
	3,250	\$1,520.68	\$1,759.37	\$238.69	15.70%	\$1,141.63	\$1,147.09	\$5.47	0.48%	\$2,662.30	\$2,906.46	\$244.16	9.17%
	3,500	\$1,616.31	\$1,871.75	\$255.44	15.80%	\$1,229.44	\$1,235.33	\$5.89	0.48%	\$2,845.76	\$3,107.08	\$261.33	9.18%
	3,750	\$1,711.95	\$1,984.14	\$272.19	15.90%	\$1,317.26	\$1,323.57	\$6.31	0.48%	\$3,029.21	\$3,307.71	\$278.50	9.19%
	4,000	\$1,807.59	\$2,096.52	\$288.93	15.98%	\$1,405.08	\$1,411.81	\$6.73	0.48%	\$3,212.67	\$3,508.33	\$295.66	9.20%
	4,250	\$1,903.22	\$2,208.90	\$305.68	16.06%	\$1,492.90	\$1,500.05	\$7.15	0.48%	\$3,396.12	\$3,708.95	\$312.83	9.21%
	4,500	\$1,998.86	\$2,321.29	\$322.43	16.13%	\$1,580.71	\$1,588.28	\$7.57	0.48%	\$3,579.57	\$3,909.57	\$330.00	9.22%
	4,750	\$2,094.50	\$2,433.67	\$339.17	16.19%	\$1,668.53	\$1,676.52	\$7.99	0.48%	\$3,763.03	\$4,110.20	\$347.17	9.23%
	5,000	\$2,190.14	\$2,546.06	\$355.92	16.25%	\$1,756.35	\$1,764.76	\$8.41	0.48%	\$3,946.48	\$4,310.82	\$364.34	9.23%
	5,250	\$2,285.77	\$2,658.44	\$372.67	16.30%	\$1,844.17	\$1,853.00	\$8.83	0.48%	\$4,129.94	\$4,511.44	\$381.50	9.24%
	5,500	\$2,381.41	\$2,770.83	\$389.42	16.35%	\$1,931.98	\$1,941.24	\$9.25	0.48%	\$4,313.39	\$4,712.06	\$398.67	9.24%
	5,750	\$2,477.05	\$2,883.21	\$406.16	16.40%	\$2,019.80	\$2,029.47	\$9.67	0.48%	\$4,496.85	\$4,912.69	\$415.84	9.25%
	6,000	\$2,572.68	\$2,995.59	\$422.91	16.44%	\$2,107.62	\$2,117.71	\$10.10	0.48%	\$4,680.30	\$5,113.31	\$433.01	9.25%
	6,250	\$2,668.32	\$3,107.98	\$439.66	16.48%	\$2,195.43	\$2,205.95	\$10.52	0.48%	\$4,863.75	\$5,313.93	\$450.18	9.26%
	6,500	\$2,763.96	\$3,220.36	\$456.41	16.51%	\$2,283.25	\$2,294.19	\$10.94	0.48%	\$5,047.21	\$5,514.55	\$467.34	9.26%
	2018				2019						Difference	Change	
First 1 therms				\$130.00				\$130.00			\$0.00	0.00%	
Next 199 therms				\$1,059,900				\$1,213,900			\$0.154	14.53%	
Over 200 therms				\$0,358,600				\$0,410,700			\$0.052	14.53%	
Billing & Payment Processing				\$1,200,000				\$1,420,000			\$0.220	18.33%	
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0,000,000				\$0,013,200			\$0.013	0.00%	
Incremental State Assessment Surcharge				\$0,000,000				\$0,000,000			\$0.000	0.00%	
System Benefits Charge				\$0,005,400				\$0,005,400			\$0.000	0.00%	
Energy Efficiency Surcharge				\$0,008,900				\$0,008,900			\$0.000	0.00%	
Monthly Cost of Gas				\$0,328,769				\$0,330,067			\$0.001	0.39%	
Merchant Function Charge				\$0,013,641				\$0,013,983			\$0.000	2.51%	
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				0.176000%				0.176000%			\$0.000	0.00%	
MTA on Supply				0.176000%				0.176000%			\$0.000	0.00%	

The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0059
Attachment 1 to ALJ-6 BULI-732
Page 16 of 16

The Brooklyn Union Gas Company
d/b/a National Grid
Case 16-G-0059
Attachment 2 to PULP-JPS LBJ-82 BULI-723
Page 14 of 14

The Brooklyn Union Gas Company d/b/a National Grid New York (KEDNY)
Monthly Bill Comparison Table
SC 7 - Seasonal Off-Peak Service

Therm Usage	Delivery				Commodity				Total				
	2018	2019	Difference	Change	2018	2019	Difference	Change	2018	2019	Difference	Change	
-	\$41.76	\$41.99	\$0.23	0.54%	\$0.00	\$0.00	\$0.00	0.00%	\$41.76	\$41.99	\$0.23	0.54%	
3	\$41.78	\$42.03	\$0.25	0.59%	\$0.89	\$0.90	\$0.02	1.80%	\$42.67	\$42.93	\$0.26	0.61%	
10	\$43.10	\$43.40	\$0.29	0.68%	\$2.95	\$3.00	\$0.05	1.80%	\$46.05	\$46.40	\$0.35	0.75%	
20	\$44.99	\$45.35	\$0.36	0.81%	\$5.90	\$6.01	\$0.11	1.80%	\$50.89	\$51.36	\$0.47	0.92%	
50	\$50.66	\$51.23	\$0.57	1.12%	\$14.76	\$15.02	\$0.27	1.80%	\$65.41	\$66.25	\$0.84	1.28%	
100	\$60.10	\$61.01	\$0.91	1.52%	\$29.51	\$30.04	\$0.53	1.80%	\$89.61	\$91.06	\$1.44	1.61%	
150	\$69.54	\$70.80	\$1.26	1.81%	\$44.27	\$45.06	\$0.80	1.80%	\$113.81	\$115.86	\$2.05	1.80%	
200	\$78.99	\$80.59	\$1.60	2.03%	\$59.02	\$60.09	\$1.06	1.80%	\$138.01	\$140.67	\$2.66	1.93%	
250	\$88.43	\$90.37	\$1.94	2.20%	\$73.78	\$75.11	\$1.33	1.80%	\$162.21	\$165.48	\$3.27	2.02%	
300	\$97.87	\$100.16	\$2.29	2.34%	\$88.53	\$90.13	\$1.59	1.80%	\$186.41	\$190.29	\$3.88	2.08%	
350	\$107.32	\$109.95	\$2.63	2.45%	\$103.29	\$105.15	\$1.86	1.80%	\$210.61	\$215.10	\$4.49	2.13%	
400	\$116.76	\$119.73	\$2.98	2.55%	\$118.05	\$120.17	\$2.13	1.80%	\$234.80	\$239.90	\$5.10	2.17%	
450	\$126.20	\$129.52	\$3.32	2.63%	\$132.80	\$135.19	\$2.39	1.80%	\$259.00	\$264.71	\$5.71	2.20%	
500	\$135.64	\$139.31	\$3.66	2.70%	\$147.56	\$150.21	\$2.66	1.80%	\$283.20	\$289.52	\$6.32	2.23%	
550	\$145.09	\$149.09	\$4.01	2.76%	\$162.31	\$165.24	\$2.92	1.80%	\$307.40	\$314.33	\$6.93	2.25%	
Typical	600	\$154.53	\$158.88	\$4.35	2.81%	\$177.07	\$180.26	\$3.19	1.80%	\$331.60	\$339.14	\$7.54	2.27%
650	\$163.97	\$168.67	\$4.69	2.86%	\$191.83	\$195.28	\$3.45	1.80%	\$355.80	\$363.95	\$8.15	2.29%	
700	\$173.42	\$178.45	\$5.04	2.90%	\$206.58	\$210.30	\$3.72	1.80%	\$380.00	\$388.75	\$8.76	2.30%	
750	\$182.86	\$188.24	\$5.38	2.94%	\$221.34	\$225.32	\$3.98	1.80%	\$404.20	\$413.56	\$9.37	2.32%	
800	\$192.30	\$198.03	\$5.72	2.98%	\$236.09	\$240.34	\$4.25	1.80%	\$428.40	\$438.37	\$9.97	2.33%	
850	\$201.75	\$207.81	\$6.07	3.01%	\$250.85	\$255.36	\$4.52	1.80%	\$452.60	\$463.18	\$10.58	2.34%	
900	\$211.19	\$217.60	\$6.41	3.04%	\$265.60	\$270.39	\$4.78	1.80%	\$476.79	\$487.99	\$11.19	2.35%	
950	\$220.63	\$227.39	\$6.76	3.06%	\$280.36	\$285.41	\$5.05	1.80%	\$500.99	\$512.80	\$11.80	2.36%	
1,000	\$230.08	\$237.18	\$7.10	3.09%	\$295.12	\$300.43	\$5.31	1.80%	\$525.19	\$537.60	\$12.41	2.36%	
1,050	\$239.52	\$246.96	\$7.44	3.11%	\$309.87	\$315.45	\$5.58	1.80%	\$549.39	\$562.41	\$13.02	2.37%	
1,100	\$248.96	\$256.75	\$7.79	3.13%	\$324.63	\$330.47	\$5.84	1.80%	\$573.59	\$587.22	\$13.63	2.38%	
1,150	\$258.41	\$266.54	\$8.13	3.15%	\$339.38	\$345.49	\$6.11	1.80%	\$597.79	\$612.03	\$14.24	2.38%	
1,200	\$267.85	\$276.32	\$8.47	3.16%	\$354.14	\$360.51	\$6.38	1.80%	\$621.99	\$636.84	\$14.85	2.39%	
1,250	\$277.29	\$286.11	\$8.82	3.18%	\$368.89	\$375.54	\$6.64	1.80%	\$646.19	\$661.65	\$15.46	2.39%	
1,300	\$286.74	\$295.90	\$9.16	3.19%	\$383.65	\$390.56	\$6.91	1.80%	\$670.39	\$686.45	\$16.07	2.40%	
1,350	\$296.18	\$305.68	\$9.50	3.21%	\$398.41	\$405.58	\$7.17	1.80%	\$694.58	\$711.26	\$16.68	2.40%	
1,400	\$305.62	\$315.47	\$9.85	3.22%	\$413.16	\$420.60	\$7.44	1.80%	\$718.78	\$736.07	\$17.29	2.40%	
2018				2019				Difference	Change				
First 3 or Less				\$39.51				\$39.51	\$0.00	0.00%			
Over 3 Therms per Therm				\$0.178700				\$0.178700	\$0.000	0.00%			
Billing & Payment Processing				\$1.200000				\$1.420000	\$0.220	18.33%			
Delivery Rate Adjustment													
Site Investigation & Remediation Surcharge				\$0.000000				\$0.006700	\$0.007	0.00%			
Incremental State Assessment Surcharge				\$0.000000				\$0.000000	\$0.000	0.00%			
System Benefits Charge				\$0.005400				\$0.005400	\$0.000	0.00%			
Energy Efficiency Surcharge				\$0.000000				\$0.000000	\$0.000	0.00%			
Monthly Cost of Gas				\$0.275028				\$0.279801	\$0.005	1.74%			
Merchant Function Charge				\$0.012645				\$0.013051	\$0.000	3.21%			
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				0.176000%				0.176000%	\$0.000	0.00%			
MTA on Supply				2.407000%				2.407000%	\$0.000	0.00%			

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-7
KEDNY/ KEDLI Req. No. BULI-733

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid, Revenue Requirements Panel
SUBJECT: Staff SIS, p. 17

Request:

ALJ-7. Please reconcile the following:

JP section IV.6.2.10 indicates that KEDNY will be allowed 270 new fulltime equivalent (FTE) positions; and, section V.6.2.6 indicates that KEDLI will be allowed 134 new FTEs. Staff notes on page 16 of its Statement in Support of the JP that the JP reflects an agreement on incremental FTE salaries to be a midpoint between the Companies' and Staff's positions, and that the JP proposes inclusion of 380 FTEs.

Response:

There are 24 FTEs shared between KEDNY and KEDLI. Therefore, this number is counted twice when KEDNY and KEDLI are viewed individually ($270 + 134 - 24 = 380$).

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 14, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-8
KEDNY/ KEDLI Req. No. BULI-734

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Revenue Requirements Panel

SUBJECT: JP Sec IV. 5.5.3; JP Sec V. 5.5.3

Request:

ALJ-8.

Explain where the Statement of Gas Safety and Reliability will be filed and how often it will be filed (i.e., annually, monthly, etc.)

Response:

Beginning in 2018, the Companies will file the Statement of Gas Safety and Reliability Surcharge via the Commission's electronic tariff system on an annual basis each March 15th.

Name of Respondent:

Company (Pamela (Dise) Echenique) and Staff

Date of Reply:

October 14, 2016

Date of Request: October 5, 2016
Due Date: October 17, 2016

ALJ Request No. ALJ-9
KEDNY/ KEDLI Req. No. BULI-735

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Revenue Requirements Panel

SUBJECT: JP Sec VI. 1.13;

Request:

ALJ-9.

Identify where the annual cost breakdown of REV Demonstration Projects is in the Joint Proposal appendices.

Response:

The Rate Year One cost breakdown for the REV Demonstration Projects is as follows:

KEDNY		
Project	Capital	O&M
Flood Zone Protection Packages	\$316,500	\$142,875
Micro CHP	\$397,012	(\$19,660)
Commercial Gas Demand Response	\$76,000	\$346,200
		1 Project Mgr (50/50 split) = \$89,805
Total	\$789,512	\$559,220

KEDLI		
Project	Capital	O&M
Flood Zone Protection Packages	\$316,500	\$142,875
Micro CHP	\$397,012	(\$19,660)
Commercial Gas Demand Response	\$38,000	\$263,100
		1 Project Mgr (50/50 split) = \$95,587
Total	\$751,512	\$481,902

There are no capital costs in Rate Years Two and Three. O&M costs for Rate Years Two and Three were adjusted for inflation.

The total capital costs for the REV Demonstration Projects set forth above can be found in Appendix 1, Schedule 5, Page 1 (KEDNY) and Appendix 2, Schedule 5, Page 1 (KEDLI) to the Joint Proposal at the line labeled "Customer – Gas REV Pilots." O&M costs for the REV Demonstration Projects are one of several initiatives included in the "Other Initiatives" line item in Appendix 1, Schedule 1, Page 2 (KEDNY) and Appendix 2, Schedule 1, Page 2 (KEDLI) to the Joint Proposal.

A detailed breakdown of the costs for the REV Demonstration Projects (as set forth above) can be found in Exhibit 155 (RRP-11), Workpapers to Exhibit RRP-3, Schedule 27, Workpaper 12, Page 1 of 2 (KEDNY) and Exhibit 168 (RRP-11), Workpapers to Exhibit RRP-3, Schedule 27, Workpaper 13, Page 1 of 2 (KEDLI). Copies of these workpapers are included as Attachments 1 (KEDNY) and 2 (KEDLI).

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 14, 2016

KeySpan Gas East Corporation d/b/a National Grid
The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0058 / 16-G-0059
Attachment 1 to ALJ-9 BULI-735

Exhibit _____ (RRP-11)
Workpapers to Exhibit RRP-3
Schedule 27
Workpaper 14
Page 1 of 2

The Brooklyn Union Gas Company d/b/a National Grid NY
Gas REV Demonstration Proposals
Customer (Products) Testimony

	KEDNY		
	FTE or Quantity	2017 Capital	O & M
Resilient, Safer and Smarter Networks			
AMI & Storm Hardening (500 per region)			
Fixed Comm Network (in Capital program)	0	\$0	
Meters	500	\$100,000	
Methane Detectors	500	\$35,000	
Shutoff Valves (in Capital Program)	0	\$0	
Flood Detector (in Capital Program)	0	\$0	
Gas Composition Sensors	50	\$5,000	
Pressure Sensor	50	\$5,000	
Installation (1-day)	500	\$171,500	
Maintenance & Repair	500		\$42,875
Usage Analysis	500		\$100,000
Subtotal		\$316,500	\$142,875
Gas Technology for Electric Constraints			
Micro CHP Heating System Integration			
Units (Estimate)	10	\$390,062	
Customer Pmts (=Blr Lease+1/2 savings)	10	\$	(23,160)
Maintenance	10	\$	3,500
Sealed (1/4 savings)	10	\$6,950	
Subtotal		\$397,012	\$ (19,660)
Customer Options for Gas Constraints			
Commercial Gas Demand Response Demonstration Program			
Materials (Devices)	20	\$56,000	\$0
Installation Labor	20	\$20,000	\$0
Outreach		\$0	\$20,000
Comms	20	\$0	\$1,200
Maintenance/Repair (annual)	20	\$0	\$5,000
Total Annual "Units" purchased; Incentive = \$400 per unit (1 unit = 1/2 DTH/hr : Quant. = # cust X DTH/cust X #activations X 2) Annual Activations = 5	800	\$0	\$320,000
NYC: 4 DTH/hr per customer avg. LI: 6 DTH/hr per customer avg.			
Subtotal		\$76,000	\$346,200
Project Management (1 Band D FTE (50/50 Split))	0.5		\$89,805
TOTAL		\$789,512	\$559,220

KeySpan Gas East Corporation d/b/a National Grid
The Brooklyn Union Gas Company d/b/a National Grid NY
Case 16-G-0058 / 16-G-0059
Attachment 2 to ALJ-7 BULI-735

Exhibit _____ (RRP-11)
Workpapers to Exhibit RRP-3
Schedule 27
Workpaper 13
Page 1 of 2

KeySpan Gas East Corporation d/b/a National Grid
Gas Rev Demonstration Proposals
Customer (Products) Testimony

	KEDLI		
	FTE or Quantity	2017 Capital	O & M
Resilient, Safer and Smarter Networks			
AMI & Storm Hardening (500 per region)			
Fixed Comm Network (in Capital program)	0	\$0	
Meters	500	\$100,000	
Methane Detectors	500	\$35,000	
Shutoff Valves (in Capital Program)	0	\$0	
Flood Detector (in Capital Program)	0	\$0	
Gas Composition Sensors	50	\$5,000	
Pressure Sensor	50	\$5,000	
Installation (1-day)	500	\$171,500	
Maintenance & Repair	500		\$42,875
Usage Analysis	500		\$100,000
Subtotal		\$316,500	\$142,875
Gas Technology for Electric Constraints			
Micro CHP Heating System Integration			
Units (Estimate)	10	\$390,062	
Customer Prmts (=Blr Lease+ 1/2 savings)	10		\$ (23,160)
Maintenance	10		\$ 3,500
Sealed (1/4 savings)	10	\$6,950	
Subtotal		\$397,012	\$ (19,660)
Customer Options for Gas Constraints			
Commercial Gas Demand Response			
Materials (Devices)	10	\$28,000	\$0
Installation Labor	10	\$10,000	\$0
Outreach		\$0	\$20,000
Comms	10	\$0	\$600
Maintenance/Repair (annual)	10	\$0	\$2,500
Total Annual "Units" purchased; Incentive = \$400 per unit (1 unit = 1/2 DTH/hr : Quant. = # cust X DTH/cust X #activations X 2) Annual Activations = 5 NYC: 4 DTH/hr per customer avg. LI: 6 DTH/hr per customer avg.	600	\$0	\$240,000
Subtotal		\$38,000	\$263,100
Project Management (1 Band D FTE (50/50 Split))	0.5		\$95,587
Total		\$751,512	\$481,902

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-10
KEDNY/ KEDLI Req. No. BULI-736

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Rate Design Panel

SUBJECT:

Request:

ALJ-10.

What is the additional monthly bill impact to SC 1A (residential non-heating) customers, if any, that would result from not freezing minimum charges to that class?

Response:

The increase to the minimum charge for SC 1A (residential non-heating) customers does not result in an additional monthly bill impact to the SC 1A class overall. The revenue target remains the same regardless of the amount collected in the minimum charge. However, the increase to the minimum charge reduces the amount that the Company needs to recover through the volumetric charges.

Name of Respondent:

Company (Pamela (Dise) Echenique) and Staff

Date of Reply:

October 21, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-11
KEDNY/ KEDLI Req. No. BULI-737

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.2.2 and V.2.2.

Request:

ALJ-11.

1) Provide an estimate of the total savings (\$) that would result from the method of accruing interest on the levelized revenue increases using 50% of N. Grid pool current money pool rate (1.16%).

2) State how this financing differs from past practice for these companies.

Response:

- 1) Using an interest rate of 50% of the National Grid money pool rate and 50% of the after tax WACC rather than 100% of the after tax WACC reduces the carrying charges by \$4.755 million for KEDNY and \$1.377 million for KEDLI.
- 2) KEDNY and KEDLI's current rate plans, which began in 2008 (Cases 06-G-1186 and 06-G-1187), do not include any levelization.

Name of Respondent:
Company (James M. Molloy) and Staff

Date of Reply:
October 24, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-12
KEDNY/ KEDLI Req. No. BULI-738

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.6.2.3 and V. 6.2.3.

Request:

ALJ-12. Re: Automatic Uploads to EPS Portfolio Manager

- 1) Describe what coordination needs to be done between NYC and the Companies and whether the information reported will be based solely on the Companies' records.
- 2) Do the Companies currently report this information to any government body in any other format?
- 3) How was the \$750,000 cost recovery cap determined?
- 4) Provide an estimate of the actual costs for each rate year.

Response:

- 1) The Companies' website will offer Energy Star "Portfolio Manager" (PM) benchmarking data uploads as a service. For buildings owned or managed by NYC, the City would need to request data through a new authorization form and connect to the PM system. This form is found on the Companies' website and includes instructions on how to submit a request to the Companies' administrator to access energy consumption data. Buildings owned or managed by other entities would connect in a similar fashion. Once these connections are made, the Companies will send historic usage data to the PM on a scheduled monthly basis. The Companies' administrator will periodically renew (or terminate) building owner certifications.

Through this connection to the Energy Star PM, Company usage data (12 months of history per meter) is provided to building owners who desire access to such data.

The City will act in an advisory role to the Companies in the configuration and implementation of the EPA Portfolio Manager automatic upload tool.

- 2) The Companies provide this data upon request through a manual process today supporting NYC Local Law 84. The Companies also reports residential usage information to the Department of Energy under its Energy Supplier Survey (ESS) program, as required by Federal Law (Public Law 93-275).
- 3) The Companies performed a preliminary review of the project, gathered information from a potential third-party vendor that has a working product designed to the Energy Star specification, and developed a high-level estimate of the work required by the IS team and the vendor.
- 4) The Companies do not have an estimate for each Rate Year. The cap of \$750,000 includes estimated setup costs together with the ongoing costs to manage the database.

Name of Respondent:

Company (James Molloy), NYC, and Staff

Date of Reply:

October 24, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-14
KEDNY/ KEDLI Req. No. BULI-740

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid, Shared Services Panel
SUBJECT: JP Sec V.7.6

Request:
ALJ-14.

- 1) Identify the customer service quality metrics and applicable years with respect to Staff's statement that KEDLI "has missed metrics in recent years" and state the basis for Staff's further statement that KEDLI's "performance has generally improved" (Staff Statement In Support, p. 53);
- 2) Identify the metrics and explain the basis for KEDLI's testimony that it missed metrics "due to factors largely out of KEDLI's control such as Superstorm Sandy and the extreme cold weather" (Ex. 127, p. 55) and that the metrics it missed "were essentially weather related or otherwise attributable to deployment of AMRs and/or a new call center" (Ex. 265, p. 13).

Response:

Please see the response to ALJ-4.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 21, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-15
KEDNY/ KEDLI Req. No. BULI-741

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.6.2.10; V.6.2.6

Request:

ALJ-15.

Explain the disparity between the number of full time equivalents listed for KEDNY as 270 and for KEDLI as 134 in the JP, and the number listed for both Companies as 380 in Staff's Statement in Support, at p. 48.

Response:

Please see the response to ALJ-7.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 21, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-16
KEDNY/ KEDLI Req. No. BULI-742

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid,
SUBJECT: JP Sec IV. 9.3; V.9.4

Request:

ALJ-16. KEDNY Customer Conversion Rebate Program and KEDLI Residential Customer Conversion Rebate Program

- 1) Explain what customers (residential, commercial and/or industrial) would be eligible to participate in this rebate program.
- 2) Explain why the KEDNY and KEDLI programs are set up differently.
- 3) What percentage of a KEDNY or KEDLI customer's costs would the rebates cover?

Response:

- 1) Residential, commercial, and industrial customers are eligible to participate in KEDNY's customer conversion rebate program. KEDLI's conversion rebate program is limited to residential customers.
- 2) Program eligibilities differ because of differences in market conditions in KEDNY and KEDLI's service territories. The amount of potential residential customers who are located near a gas main but are not connected to the gas system is significantly higher in KEDLI's service territory. As such, KEDLI's program is designed to attract new residential customers at the time main replacement work is being performed, which is beneficial from both a community and construction/cost standpoint. Unlike KEDLI's service territory, KEDNY's service territory has a high saturation of residential natural gas customers, with new construction driving the market. Therefore, KEDNY's rebate program is designed to

encourage development of combined heat and power projects, support gas air conditioning projects, and/or provide assistance to customers seeking to convert to natural gas who would be required to provide a contribution in aid of construction (“CIAC”).

- 3) For KEDLI, the rebate is intended to cover about 50 percent of a residential customer’s cost to run internal piping and connect an appliance (dryer or stove) to gas.

With respect to KEDNY, for combined heat and power projects, it is estimated that an additional incentive of \$250 per kW installed or more may be needed above what the local electric utility currently offers as a rebate. The incentive can vary based on specific project size or needs, but should cover approximately five percent of the project cost. For gas air conditioning projects, an incentive of \$400 per refrigeration ton would be roughly one-third of the capital cost of an absorption chiller. KEDNY anticipates that rebates for combined heat and power and gas air conditioning projects will utilize the majority of the program’s budget. Any remaining budget costs would be applied to assisting customers converting to natural gas with CIAC costs.

Name of Respondent:

Keith Sperling/Christopher Cavanagh

Date of Reply:

10/21/2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-18
KEDNY/ KEDLI Req. No. BULI-744

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Stephen Caldwell

SUBJECT: JP Sec IV. 6.2.8

Request:

ALJ-18. KEDNY Variable Interest Rate True-up
Why is the interest default rate based on a percentage of the then existing London Interbank Offer Rate (LIBOR)?

Response:

The NYSERDA variable rate bonds included in KEDNY's capital structure pay interest rates that, by contract, are reset at regular intervals by means of open-market auctions. The auction process is run by KEDNY's Trustee and Paying Agent for the bonds -- the Bank of New York Mellon. In each auction, if there are an insufficient number of bids to clear the number of bonds to be traded, the auction fails, and pursuant to the bond indenture, a formula rate is used to determine the interest rates paid on the bonds. By contract, the formula rate is the greater of the 1-month LIBOR or the 30-day AA Corporate Commercial Paper rate multiplied by a percentage that is based on KEDNY's credit rating. All of KEDNY's variable rate bonds apply a percentage of 175% except for the 2005 Series B bond, which applies a percentage of 250%. The LIBOR and AA Corporate Commercial Paper rates are common indices used to determine interest rates for various types of securities, including variable rate bonds.

During the current period, the auctions for the variable rate bonds have been failing and the 1-month LIBOR has served as the basis of the default rate because it has been greater than the AA Corporate Commercial Rate. The interest rates used in the JP reflect current interest rates including the LIBOR.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 21, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-20
KEDNY/ KEDLI Req. No. BULI-746

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, GIOP

SUBJECT: JP Sec IV. 5 and V. 5

Request:

ALJ-20.

Provide a breakdown of the annual Leak Prone Pipe replacement for KEDNY and KEDLI from 2015 through the three rate years.

Response:

The chart below sets forth the actual miles of Leak Prone Pipe replaced in 2015 and those scheduled to be replaced through the three rate years by activity.

KEDNY- Leak Prone Pipe					
Calendar Year	CY 2015	CY 2016 PLAN	CY 2017 PLAN	CY 2018 PLAN	CY 2019 PLAN
MRP- LPP	15.0	19.0	28.0	33.0	38.0
CSC- All Work	20.9	24.0	24.0	24.0	24.0
Reinforcement/Reliability- All Work	4.9	4.0	3.0	3.0	3.0
Water Intrusion- All Work	-	-	-	-	-
Reactive/Leak/Growth- All Work	0.3	-	-	-	-
Total	41.1	47.0	55.0	60.0	65.0

KEDLI- Leak Prone Pipe					
Calendar Year	CY 2015	CY 2016 PLAN	CY 2017 PLAN	CY 2018 PLAN	CY 2019 PLAN
MRP- LPP	72.3	87.0	107.0	127.0	147.0
CSC- LPP	2.6	4.0	4.0	4.0	4.0
Reinforcement/Reliability- LPP	4.5	3.0	3.0	3.0	3.0
Water Intrusion- LPP	-	-	-	-	-
Reactive/Leak- LPP	0.8	1.0	1.0	1.0	1.0
Total	80.2	95.0	115.0	135.0	155.0

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 21, 2016

Date of Request: October 13, 2016
Due Date: October 24, 2016

ALJ Request No. ALJ-21
KEDNY/ KEDLI Req. No. BULI-747

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Second Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid, Sean Mongan

SUBJECT: JP Sec VI. 13.

Request:

ALJ-21.

- 1) Provide an explanation of the Companies reasons for selecting low income customers in low income areas for the micro CHP programs.
- 2) What would be the unit cost increase for expanding the Micro CHP program above the 10 unit thresholds for KEDNY and KEDLI?

Response:

- 1) The Companies chose to select low income customers in low income areas to pilot the program because, in general, these customers do not have the financial resources to implement this technology on their own, but have a greater need for the energy cost savings that could be derived from such a project. The program is limited to 10 units because the Companies believe that this will provide an adequate sample to learn the impacts of CHP (*e.g.*, the potential benefits of the technology and magnitude of any obstacles to consider future solutions and applicability).
- 2) The approximate unit cost of expanding the program is \$40,000 per unit (assuming 5 kW of generation).

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 21, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-22
KEDNY/ KEDLI Req. No. BULI-748

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid (KEDLI)

SUBJECT: JP Sec V.6.1.5.

Request:

Provide a current calculation showing the amounts and allocations of tax refunds proposed to be distributed to resolve the tax refund petition proceedings in Cases 11-G-0601, 13-G-0498 and 14-G-0503.

Response: The table below sets forth the current calculation of the proposed distribution of the property tax refunds in these cases:

Case Number	Taxing Jurisdiction	Refund Amount(s) Collected	Costs to Achieve	Customer Share	Company Share
11-G-0601	Town of North Hempstead and various garbage districts located in North Hempstead	\$2,486,923	\$227,765	\$2,033,242	\$225,916
13-G-0498	Town of Oyster Bay and various garbage districts located in Oyster Bay	\$21,400,000 \$465,867	\$200,000	\$19,499,280	\$2,166,587
14-G-0503	Town of Oyster Bay property taxes for the Hicksville facility from 1999-2004	\$995,342	\$7,977	\$987,365	\$0

The Company will also allocate a total of approximately \$1.1 million of carrying charges that have accrued on these refunds to each in proportion to the amount of the refund collected.

Name of Respondent:
Company (James Molloy)

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-23
KEDNY/ KEDLI Req. No. BULI-749

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid
SUBJECT: JP Sec IV.5.3 and V.5.3.

Request:

- 1) Identify where in the record the terms of KEDNY's CISBOT and CIP Pipe Lining Programs can be found, including the capital investment levels for the Rate Years and any inspection and reporting requirements;
- 2) Identify where in the record the terms of KEDLI's CIP Pipe Lining Program can be found, including the capital investment levels for the Rate Years and any inspection and reporting requirements

Response:

1. KEDNY's CISBOT and CIP Pipe Lining Programs are described in the Direct Testimony of the Gas Infrastructure and Operations Panel ("GIOP") (Exhibit 48) at pages 30-34 and GIOP-4 (Data Sheets for Significant Capital Programs) (Exhibit 52) at pages 21-23.

The capital investment levels for the CISBOT and CIP Pipe Line Programs are set forth in KEDNY's revised Capital Investment Plans, Appendix 1, Schedule 5 (Large Diameter CI System Sealing/Lining Program):

Program (\$000)	CY17	CY18	CY19
CISBOT and CIP Lining Programs	14,340	19,282	19,682

The reporting requirements for KEDNY’s capital programs, including the CISBOT and CIP programs, are discussed in the Joint Proposal at Sections 15.2 (Quarterly Capital Reporting) and 15.3 (Annual Capital Reporting). Inspections of CISBOT and CIP-treated pipeline segments are governed by the Commission’s gas safety regulations and the Company’s operating procedures, which include pre and post-construction leak investigations.

2. KEDLI’s CIP Pipe Lining Program is described in the Direct Testimony of the Gas Infrastructure and Operations Panel (“GIOP”) (Exhibit 45) at pages 31-33 and GIOP-4 (Data Sheets for Significant Capital Programs) (Exhibit 59) at pages 18-20. The GIOP’s Corrections and Updates Testimony (Exhibit 215) updated the Rate Year budget for the CIP Pipe Lining Program (page 4).

The capital investment levels for the CIP Pipe Line Program are set forth in KEDLI’s revised Capital Investment Plans, Appendix 2, Schedule 5 (Large Diameter CI Lining Program).

Program (\$000)	CY17	CY18	CY19
CIP Pipe Lining	\$2,875	\$3,575	\$3,600

The reporting requirements for KEDLI’s capital programs, including the CIP program, are discussed in the Joint Proposal at Sections 15.2 (Quarterly Capital Reporting) and 15.3 (Annual Capital Reporting). Inspections of CIP-treated pipeline segments are governed by the Commission’s gas safety regulations and the Company’s operating procedures, which include pre and post-construction leak investigations.

Name of Respondent:
Company (James Molloy)

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-24
KEDNY/ KEDLI Req. No. BULI-750

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.5.4 and V.5.4.

Request:

State whether the unit cost savings for LPP replacements needed to accrue a positive revenue adjustment will exceed the dollar amount of the positive revenue adjustment

Response:

Yes. Under the LPP Productivity Incentive, the level of unit cost savings the Company must achieve to earn an incentive will exceed the amount of any positive revenue adjustment. For KEDLI, the potential incentives are between 10% and 20% of the cost savings (assuming 115 miles of LPP replacement). For KEDNY, the potential incentives are between 9% and 18% of the cost savings (assuming 55 miles of LPP replacement).

Name of Respondent:
Company (James M. Molloy) and Staff

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-25
KEDNY/ KEDLI Req. No. BULI-751

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.6.1.4 (b).

Request: To KEDNY:
ALJ-25.

- 1) Reconcile JP Sec IV.6.1.4 (b) and the example provided in JP Appendix 6, Schedule 4, p.1, explaining when collection of the SIR Recovery Surcharge for excess costs would not begin.
- 2) Provide an estimate, based upon the agreed upon revenue increases in the Joint Proposal, of the maximum (\$) annual surcharge amounts and the customer bill impacts (%) that would result from implementing the surcharge based on 2% of prior year's aggregate revenues.

Response:

- 1) For the SIR Recovery Surcharge to be triggered, the difference between actual SIR expense (inclusive of Gowanus Canal and Newtown Creek costs) and the rate allowance of forecast SIR expense (which does not include Gowanus Canal and Newtown Creek costs) must exceed \$25 million on a cumulative basis.

In the example presented in Appendix 6, Schedule 4, KEDNY spends \$16.1 million more in SIR costs than the rate allowance in CY2017. Because this amount is less than the \$25.0 million amount necessary to trigger the SIR Recovery Surcharge, KEDNY defers the full amount into the next year. Per the example, KEDNY spends \$32.3 million more than the rate allowance in CY2018 resulting in a cumulative overspend of \$48.4 million. Because this amount is greater than the \$25.0 million trigger, KEDNY surcharges customers \$31.0 million in CY 2019 through the SIR Surcharge, which is the maximum permitted as a result of the 2% of aggregate revenue cap. In CY2019, KEDNY underspends the rate allowance by \$26.7 million. This amount combined with the prior

years' deferrals and SIR surcharge recovery creates a liability balance of \$9.3 million. Because the CY 2019 balance is under the \$25.0 million trigger, the SIR Recovery Surcharge is set to zero and the amounts are deferred into the next year.

- 2) See the response to ALJ-6 – Part 2 (and PULPJP-5 (LBJ-82)).

Name of Respondent:

Company (James M. Molloy) and Staff

Date of Reply:

October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-26
KEDNY/ KEDLI Req. No. BULI-752

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.6.1.4 and V.6.1.4

Request:

ALJ-26.

Explain with respect to JP Appendix 1, Schedule 3, p. 1 “Levelization With SIR Adjustment 14.85%” and Appendix 3, Schedule 3, p.1 “Levelization With SIR Adjustment 8.1%” what, if any, additional customer bill impact (% increases) might result from the SIR Recovery provisions for KEDNY and KEDLI in the three rate years.

Response:

For KEDNY, beginning in Rate Year Two, to the extent that the difference between actual SIR expense (inclusive of Gowanus Canal and Newtown Creek costs) and the rate allowance of forecast SIR costs exceeds \$25 million on a cumulative basis, KEDNY will utilize its SIR Recovery Surcharge to recover the difference. The surcharge is limited to an amount no greater than two percent of KEDNY’s prior year’s aggregate revenues. Given the uncertainty regarding KEDNY’s costs to remediate the Gowanus Canal and Newtown Creek sites over the next three years and without knowing the actual aggregate revenue in any of the three years, we cannot provide a meaningful estimate of the percentage increases over the three rate years, aside from the high level estimate provided in the response to ALJ-6 – Part 2.

For KEDLI, there is no SIR Recovery Surcharge. Any difference between actual SIR costs and forecast costs will be deferred.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-27
KEDNY/ KEDLI Req. No. BULI-753

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec IV.6.1.4 and V.6.1.4

Request:

ALJ-27.

The Commission's Order Concerning Costs for Site Investigation And Remediation, issued on November 28, 2012, in Case 11-M-0034 (page 12), states "we expect Staff and the other parties to explore opportunities to allocate some portion of excess earnings to SIR costs"). In footnote 45 on page 18 of its Order Adopting Terms of a Joint Proposal, issued in Case 12-G-0544 on June 13, 2013, the Commission further stated that its expectation is that the parties would explore opportunities to aggressively allocate some portion of excess earnings to pay down deferred SIR costs.

Provide an explanation of the parties' efforts to address the Commission's expectation.

Response:

In the *Order Concerning Costs for Site Investigation And Remediation* ("SIR Generic Order"), the Commission stated that sharing of SIR costs in the context of an earnings sharing mechanism could be considered "under specific company and rate case circumstances" (page 3). Here, the rate case circumstances and the Companies' SIR practices and activities did not warrant sharing as part of the earnings sharing mechanism included in the Joint Proposal.

The Signatory Parties negotiated the Joint Proposal in good faith to achieve a reasonable, fair, and balanced settlement. In doing so, the Signatory Parties were aware of the SIR Generic Order. Without going into the specifics of confidential settlement negotiations, the Joint Proposal contains a number of tradeoffs that the Companies may not have agreed to if the earnings sharing mechanism included an SIR sharing provision. These include:

- (i) A 2 percent productivity adjustment in Rate Year One and a 1.5 percent productivity adjustment in Rate Years Two and Three;
- (ii) Changing the property tax reconciliation from a 90/10 percent sharing mechanism between customers and the Companies to an 85/15 percent sharing mechanism;
- (iii) An adjustment to the Companies' Service Company rent expense; and
- (iv) A provision that requires the Companies to file for new rates to be effective on or before July 1, 2020, and if not, (i) the earnings sharing mechanism is modified to require 100 percent of any excess earnings to be deferred to customers and (ii) the property tax reconciliations become downward only.

The Companies and Staff were the only parties to present evidence concerning the Companies' SIR costs and cost control practices. The record contains substantial evidence demonstrating the reasonableness of the Companies' SIR cost control practices, their compliance with the SIR best practices, and the prudence of their SIR costs. Further, these rate case proceedings were not the only time in the recent past that the Commission has reviewed the Companies' SIR costs and practices. The Commission reviewed the Companies SIR activities in 2012 in Cases 06-G-1185 and 1186¹ and KEDNY's activities in Case 15-G-0323,² finding that the Companies' cost control efforts appeared reasonable.

Given the absence of any evidence in the record that would warrant the Companies' absorbing additional SIR costs and the significant tradeoffs reflected in the Joint Proposal, the earnings sharing mechanism did not include a separate provision for the sharing of SIR costs.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 25, 2016

¹ Case 06-G-1185, *et al.* – *Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of The Brooklyn Union Gas Company d/b/a KeySpan Energy Delivery New York for Gas Service*, “Order Authorizing Recovery of Deferred Balances” at 6-7 (issued and effective November 28, 2012).

² Case 15-G-0323 – *Petition of the Brooklyn Union Gas Company d/b/a National Grid NY to Increase its SIR Recovery Surcharge*, “Order Approving SIR Recovery Surcharge” at 10 (issued and effective October 19, 2015).

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-28
KEDNY/ KEDLI Req. No. BULI-754

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: National Grid,
SUBJECT: JP Sec V.3.9

Request:

ALJ-28.

This provision of the JP states that KEDLI will pass 100 percent of the revenues from its agreement with Brooklyn Navy Yard Cogeneration Partners to firm sales and transportation customers through the GAC and the transportation adjustment clause (“TAC”).

DPS Staff notes in its Statement in Support of the JP (p. 26) that the current the current ratemaking treatment for the Brooklyn Navy Yard is to use the first \$3 million to offset SIR costs, with the remainder was treated as other revenue (offsetting the revenue requirement).

Explain why the first \$3 million of revenues should not continue to be applied to SIR costs.

Response:

Revenues associated with the Brooklyn Navy Yard Cogeneration Partners agreement are uncertain. To the extent these revenues continue, the Joint Proposal provides that 100 percent are passed back to customers on an annual basis through the gas adjustment and transportation adjustment clauses. The revenues would help mitigate the bill increases reflected in the case. In contrast, if the revenues were used to offset the SIR deferral balance, customers would not see a benefit until KEDLI next files to establish new rates.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-29
KEDNY/ KEDLI Req. No. BULI-755

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sec 1V.2.1 and V.2.1

Request:

ALJ-29.

- 1) Identify the overall changes in property tax assessments on existing plant and the property tax assessments on new plant added since KEDNY's and KEDLI's rates were last reset.
- 2) Explain the revenue requirement impact of these changes

Response:

Please see Exhibit 129 (SSP-2) for the actual property tax expenses from 2008 to the test year. Please see the table below for the property tax expenses reflected in the revenue requirement in each of the rate years (in millions of dollars):

	Joint Proposal		
	2017	2018	2019
KEDLI	139.792	148.748	157.923
KEDNY	140.909	151.640	165.901

Currently, any difference between actual property tax expense and the rate allowance is deferred for future refund to or recovery from customers on a 90/10 percent basis. Under the Joint Proposal, differences are shared on an 85/15 percent basis.

Name of Respondent:
Company (James M. Molloy) and Staff

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016

ALJ Request No. ALJ-30

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY
Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY
Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello
TO: PULP
SUBJECT: JP Sections IV.3.3 and V.3.3; PULP Statement in Opposition, p. 21

Request:

Identify where in your pre-filed testimony it explains that the cost of the Companies' basic services, or monthly minimum charge, has risen 164% (and noted on page 21 of your Statement in Opposition to the JP).

Answer:

The rise in cost of KEDLI's basic services, or monthly minimum charge, to 164% is discussed on page 37, lines 7 through 15, of the Testimony of William D. Yates in Case 16-G-0058 which states that:

“High Fixed Costs of Basic Service. Comparing Public Service Commission Typical Bill Reports with the Company's current rates, I calculate that the Company's monthly fixed cost of basic service (known officially as the “monthly minimum charge”) for heating customers rose from \$8.20 in January, 2006 (Exhibit 6a, Page 1) to \$21.66 in December, 2015 as reported at Exhibit RDP-4, Schedule 4, Page 2, of the Company's Rate Design Panel Testimony – that represents a 164.1% increase over 10 years in fixed costs of basic service for heating customers. The basic service charge for non-heating customers rose 29.9% during the same period, from \$10.58 (Exhibit 6a, Page 1) to \$17.66 (Company Exhibit RDP-4, Schedule 4, Page 1).”

The rise in cost of KEDNY's basic services, or monthly minimum charge, is discussed on page 43, lines 5 through 13, of Testimony of William D. Yates in Case 16-G-0059 which states that:

“High Fixed Costs of Basic Service. Comparing Public Service Commission Typical Bill Reports with the Company's current rates, I calculate that the Company's monthly fixed cost of basic service (known officially as the “monthly minimum charge”) for heating customers rose from \$11.20 in January, 2006 (Exhibit 6a, Page 1) to \$21.55 in December, 2015 as reported at Exhibit RDP-4, Schedule 3, Page 2, of the Company's Rate Design Panel Testimony – that represents a 92.4% increase over 10 years in fixed costs of basic service for heating customers. The basic service charge for non-heating customers rose 29.9% during the same period, from \$10.58 (Exhibit 6a, Page 1) to \$13.74 (Company Exhibit RDP-4, Schedule 3, Page 1).”

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-31
KEDNY/ KEDLI Req. No. BULI-757

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Section VI.4

Request: To DPS Staff, KEDNY and City of New York:
ALJ-31.

- 1) What is the cost for installation of AMI-adaptable AMR meters in New York City accounts administered by the Department of Citywide Administrative Services billing arrangement that do not currently have AMR meters?
- 2) Who is paying for those costs?
- 3) What buildings will the AMI-adaptable AMR meters be installed in.
- 4) How does the installation of AMI-adaptable AMR meters in New York City compare to the installation of such meters to other similarly-situated customers.

Response:

1. The cost is approximately \$62 per unit.
2. The costs are included in the capital plan and reflected in base rates.
3. KEDNY is deploying AMR meters for all customers. Beginning in 2016, any new AMR meters are AMI adaptable. Buildings for any New York City account administered by the Department of Citywide Administrative Services billing arrangement that do not currently have AMR meters will be converted to AMI-adaptable meters.
4. The AMR meters being installed on the City of New York's accounts are the same meters used for other similarly situated customers. The Company is accelerating the installation of AMR meters for the City's accounts to facilitate consistent billing based on actual

meter reads for these accounts, only a portion of which are currently equipped with AMR meters.

Name of Respondent:
Company (James Molloy) and Staff

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-32
KEDNY/ KEDLI Req. No. BULI-758

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY
Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Section VI.10

Request: To KEDLI, KEDNY and DPS Staff:
ALJ-32.

What justification exists to support the moratorium on new TC customers.

Response:

Both the Company and Staff proposed a moratorium on new temperature controlled (“TC”) customers during the term of the Rate Plan (see, Direct Testimony of the Rate Design Panel and Staff Gas Policy and Supply Panel (KEDNY, Exhibit 169, page 65) (KEDLI, Exhibit 185, page 67) and Direct Testimony of the Staff Gas Policy and Supply Panel (Exhibit 353, page 34)). As explained by the Staff Gas Policy and Supply Panel, recent winter seasons have highlighted non-firm customers’ difficulties replenishing fuel oil storage during periods of sustained cold weather as a result of deterioration in the fuel oil distribution system’s ability to support this service (pp. 34-35).

In addition, the parties to the JP recognize that the structure and pricing of the Company’s non-firm service offerings need to be reexamined in light of current demand and market dynamics and, therefore, have proposed a collaborative with all interested parties to examine non-firm services (JP § 10.7, Appendix 11). This collaborative has the potential to significantly change how non-firm services are designed and priced going forward, which weighs against adding new TC customers at this time.

In recognition of the fact that TC service would not be available to new customers, the JP provides for a reduction to the annual usage thresholds for interruptible (IT) service. Reducing the usage thresholds for IT service will provide additional non-firm service options for new customer who otherwise would have been served on the TC rate.

Name of Respondent:
Company (Pamela (Dise) Echenique) and Staff

Date of Reply:
October 25, 2016

Date of Request: October 20, 2016
Due Date: October 31, 2016

ALJ Request No. ALJ-33
KEDNY/ KEDLI Req. No. BULI-759

KEYSPAN GAS EAST CORPORATION d/b/a NATIONAL GRID
THE BROOKLYN UNION GAS COMPANY d/b/a NATIONAL GRID NY

Case 16-G-0058 KeySpan Gas East Corporation d/b/a National Grid
Case 16-G-0059 The Brooklyn Union Gas Company d/b/a National Grid NY

Request for Information

ALJ Third Set of Questions regarding Joint Proposal filed September 7, 2016

FROM: ALJ David Van Ort and Judge Costello

TO: National Grid,

SUBJECT: JP Sections IV.3.4
and V.3.4

Request: To KEDLI, KEDNY and DPS Staff:
ALJ-32.

- 1) Explain how rates will be affected from the modification of the rate design for TC and IT customers.

- 2) What justification exists to support the application of the MFC assessment to TC and IT customers?

Response:

- 1) The Company's rate filing included a proposal to design TC/IT delivery volumetric rates at parity to the corresponding firm service classes (see, Direct Testimony of the Rate Design Panel and Staff Gas Policy and Supply Panel (KEDNY, Exhibit 169, pages 67-68) (KEDLI, Exhibit 185, page 69-70). To achieve this parity, the JP provides that the rate design for TC and IT customers will move from the current market-based rate design to a cost of service rate design, with TC and IT volumetric delivery rates set at the otherwise applicable rate class tail block rate (JP Sections IV.3.4(a) and V.3.4(a)). Consistent with a cost of service rate, the demand charge to TC customers has been updated to reflect the Company's cost of serving these customers (there is no demand charge for IT customers); the TC/IT sales customers will be assessed the MFC charge; and customer charges have been updated to better reflect the cost of service for the TC/IT classes.

- 2) The MFC is designed to recover costs associated with the Company's role of providing gas supply procurement functions for sales customers. The revenue requirement associated with MFC is recovered outside of base delivery rates and is only paid by customers that take supply from the Company. As discussed in Question 1, TC and IT customers will be moved to a cost based rate that is set at the otherwise applicable rate class tail block rate. Because the TC/IT customers will now be paying a cost of service rate, the TC/IT sales customers taking gas supply from the Company should be charged the MFC to recover the supply procurement costs to serve these customers. If the TC and IT sales customers do not pay the MFC, they would avoid the costs the Company incurs when providing them with supply, and these costs would be picked up by the other supply customers. For these reasons, it is appropriate to charge the TC and IT sales customers the MFC.

Name of Respondent:

Company (Pamela (Dise) Echenique) and Staff

Date of Reply:

October 25, 2016