

STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

Proceeding on Motion of the Commission as to the Rates,
Charges, Rules and Regulations of KeySpan Gas East
Corp. dba Brooklyn Union of L.I. for Gas Service.

Case 16-G-0058

Proceeding on Motion of the Commission as to the Rates,
Charges, Rules and Regulations of The Brooklyn Union
Gas Company dba National Grid NY for Gas Service.

Case 16-G-0059

EXHIBITS
OF
UIU RATE PANEL

Dated: June 10, 2016
Albany, New York

UTILITY INTERVENTION UNIT
DIVISION OF CONSUMER PROTECTION
NYS DEPARTMENT OF STATE
99 WASHINGTON AVENUE
SUITE 640
ALBANY, NY 12231-0001
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Index to
URP-4 (KEDLI)
of
UIU RATE PANEL

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Keyspan Gas East Corporation
Comparison of Proposed Revenue Allocations

Line No	Customer Class	Company % Change	Staff % Change	UIU % Change
1	SC-1A Residential Non Heat	26.7%	21.6%	21.3%
2	SC-1B Residential Heat	26.7%	21.6%	21.3%
3	SC-1DG Residential DG	26.7%	21.6%	21.3%
4	SC-2A General Service Non-Heat	26.7%	21.6%	21.3%
5	SC-2B General Service Heat	26.7%	21.6%	21.3%
6	SC-3 Multi Family	26.7%	21.6%	21.3%
7	SC-4 Interruptible Sales	-53.2%	-3.1%	15.0%
8	SC-7 Interr Trans	-53.2%	-51.5%	15.0%
9	SC-9 NGV	25.0%	21.6%	15.0%
10	SC-12 TC Sales	-53.2%	-28.6%	15.0%
11	SC-13 TC Transp	-53.2%	-16.6%	15.0%
12	SC-15 High Load Factor Service	25.0%	21.6%	21.3%
13	SC-16 Yr Round Space AC	25.0%	21.6%	21.3%
14	SC-17 DG	25.0%	21.6%	21.3%
15	Total System	<u>25.8%</u>	<u>21.2%</u>	<u>21.2%</u>

Keyspan Gas East Corporation*Revenue Allocation**Company Proposed Revenue Allocation*

Line No	Customer Class	Current Delivery Revenues	Company Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 28,579	\$ 7,641	26.7%
2	SC-1B Residential Heat	338,587	90,526	26.7%
3	SC-1DG Residential DG	4	1	26.7%
4	SC-2A General Service Non-Heat	37,780	10,101	26.7%
5	SC-2B General Service Heat	104,215	27,863	26.7%
6	SC-3 Multi Family	15,132	4,046	26.7%
7	SC-4 Interruptible Sales	2,448	(1,302)	-53.2%
8	SC-7 Interr Trans	139	(74)	-53.2%
9	SC-9 NGV	5,415	1,354	25.0%
10	SC-12 TC Sales	2,906	(1,545)	-53.2%
11	SC-13 TC Transp	327	(174)	-53.2%
12	SC-15 High Load Factor Service	1,574	394	25.0%
13	SC-16 Yr Round Space AC	5,812	1,453	25.0%
14	SC-17 DG	10	2	25.0%
15	Total System	<u>\$ 542,929</u>	<u>\$ 140,286</u>	<u>25.8%</u>

Keyspan Gas East Corporation*Revenue Allocation**DPS Staff Proposed Revenue Allocation*

Line No	Customer Class	Current Delivery Revenues	Staff Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 30,586	\$ 6,608	21.6%
2	SC-1B Residential Heat	339,784	73,413	21.6%
3	SC-1DG Residential DG	3	1	21.6%
4	SC-2A General Service Non-Heat	30,944	6,686	21.6%
5	SC-2B General Service Heat	104,840	22,652	21.6%
6	SC-3 Multi Family	14,324	3,095	21.6%
7	SC-4 Interruptible Sales	2,450	(77)	-3.1%
8	SC-7 Interr Trans	139	(71)	-51.5%
9	SC-9 NGV	4,154	898	21.6%
10	SC-12 TC Sales	2,929	(838)	-28.6%
11	SC-13 TC Transp	328	(54)	-16.6%
12	SC-15 High Load Factor Service	1,918	414	21.6%
13	SC-16 Yr Round Space AC	6,784	1,466	21.6%
14	SC-17 DG	10	2	21.6%
15	Total System	<u>\$ 539,193</u>	<u>\$ 114,193</u>	<u>21.2%</u>

Keyspan Gas East Corporation*Revenue Allocation**UIU Recommended Revenue Allocation*

Line No	Customer Class	Current Delivery Revenues	UIU Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 30,586	\$ 6,513	21.3%
2	SC-1B Residential Heat	339,784	72,358	21.3%
3	SC-1DG Residential DG	3	1	21.3%
4	SC-2A General Service Non-Heat	30,944	6,590	21.3%
5	SC-2B General Service Heat	104,840	22,326	21.3%
6	SC-3 Multi Family	14,324	3,050	21.3%
7	SC-4 Interruptible Sales	2,450	367	15.0%
8	SC-7 Interr Trans	139	21	15.0%
9	SC-9 NGV	4,154	623	15.0%
10	SC-12 TC Sales	2,929	439	15.0%
11	SC-13 TC Transp	328	49	15.0%
12	SC-15 High Load Factor Service	1,918	408	21.3%
13	SC-16 Yr Round Space AC	6,784	1,445	21.3%
14	SC-17 DG	10	2	21.3%
15	Total System	<u>\$ 539,193</u>	<u>\$ 114,193</u>	<u>21.2%</u>

Keyspan Gas East Corporation*Rate of Return Comparisons*

Line No	Customer Class	UIU ECOS Study - I Rate of Return	UIU ECOS Study - II Rate of Return	Effective Rate per Therm	TC/IT % of Firm Rate
1	SC-1A Residential Non-Heat	3.53%	3.26%	1.293	
2	SC-1B Residential Heat	4.17%	4.38%	0.640	
3	SC-1DG Residential DG	-1.42%	-1.37%	0.405	
4	SC-2A General Service Non-Heat	13.71%	9.98%	0.348	
5	SC-2B General Service Heat	0.52%	0.85%	0.468	
6	SC-3A Multi Family Non-Heat	3.27%	2.44%	0.348	
7	SC-3B Multi Family Heat	-3.02%	-3.04%	0.271	
8	SC-4 Interruptible Sales	179.58%	70.46%	0.911	72.3%
9	SC-7 Interr Trans	24.15%	23.73%	0.911	144.3%
10	SC-9 NGV	101.06%	60.24%	0.466	
11	SC-12 TC Sales	74.45%	37.91%	0.911	112.1%
12	SC-13 TC Transp	164.56%	91.14%	0.911	95.9%
13	SC-15 High Load Factor Service	8.55%	2.34%	0.141	
14	SC-16 Yr Round Space AC	9.97%	5.72%	0.218	
15	SC-17 DG Sales	6.54%	2.13%	0.193	
16	Total System	3.83%	3.83%	0.548	90.7%

Keyspan Gas East Corporation*Rate Design Comparison**Current and Proposed*

Line No		Company Current Rates	Company Proposed Rates	Staff Proposed Rates	UIU Recommended Rates
SC-1A Residential Non Heat					
1	Customer Charge	\$17.65	\$19.75	\$19.75	\$17.65
2	4 - 50 Therms	0.632	0.914	0.922	1.050
3	> 50 Therms	0.150	0.420	0.219	0.303
SC-1B Residential Heat					
4	Customer Charge	\$21.66	\$21.66	\$21.66	\$21.66
5	4 - 50 Therms	0.874	1.028	1.146	1.000
6	> 50 Therms	0.200	0.420	0.262	0.341
SC-1DG Residential DG					
7	Customer Charge	\$33.04	\$33.04	\$33.04	\$33.04
8	> 3 Therms	0.126	0.281	0.224	0.224

Keyspan Gas East Corporation*Rate Design Comparison**Current and Proposed*

Line No		Company Current Rates	Company Proposed Rates	Staff Proposed Rates	UIU Recommended Rates
SC-2A General Service Non-Heat					
1	Customer Charge	\$37.66	\$37.66	\$37.66	\$37.66
2	4 – 90 Therms	1.216	1.227	1.532	1.220
3	91 – 3,000 Therms	0.250	0.353	0.315	0.320
4	> 3,000 Therms	0.150	0.310	0.189	0.269
SC-2B General Service Heat					
5	Customer Charge	\$37.66	\$37.66	\$37.66	\$37.66
6	4 – 90 Therms	1.216	1.550	1.555	1.220
7	91 – 3,000 Therms	0.300	0.415	0.384	0.410
8	> 3,000 Therms	0.200	0.350	0.256	0.327
SC-3 Multi Family					
9	Customer Charge	\$74.66	\$74.66	\$74.66	\$74.66
10	4 – 1,000 Therms	0.362	0.425	0.450	0.400
11	>1,000 Therms	0.200	0.300	0.249	0.266

Keyspan Gas East Corporation
Percent Change in Typical Bills
SC-1A Residential Non Heat

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	11.90%	11.90%	0.00%
2	4	13.03%	13.07%	2.29%
3	5	14.08%	14.17%	4.42%
4	6	15.07%	15.20%	6.42%
5	8	16.86%	17.06%	10.04%
6	10	18.45%	18.72%	13.26%
7	15	21.72%	22.12%	19.88%
8	20	24.26%	24.77%	25.03%
9	25	26.30%	26.89%	29.14%
10	30	27.96%	28.62%	32.51%
11	40	30.52%	31.28%	37.69%
12	50	32.39%	33.24%	41.49%
13	60	36.93%	33.63%	43.35%
14	70	41.19%	33.99%	45.10%
15	80	45.20%	34.34%	46.75%
16	90	48.99%	34.66%	48.31%
17	100	52.58%	34.97%	49.78%

Keyspan Gas East Corporation*Typical Bills**SC-1A Residential Non Heat*

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 17.65	\$ 19.75	\$ 19.75	\$ 17.65
2	4	18.28	20.66	20.67	18.70
3	5	18.91	21.58	21.59	19.75
4	6	19.55	22.49	22.52	20.80
5	8	20.81	24.32	24.36	22.90
6	10	22.07	26.15	26.21	25.00
7	15	25.23	30.71	30.82	30.25
8	20	28.39	35.28	35.43	35.50
9	25	31.55	39.85	40.04	40.75
10	30	34.71	44.42	44.65	46.00
11	40	41.03	53.56	53.87	56.50
12	50	47.35	62.69	63.09	67.00
13	60	48.85	66.89	65.28	70.03
14	70	50.35	71.09	67.47	73.06
15	80	51.85	75.29	69.66	76.10
16	90	53.35	79.49	71.85	79.13
17	100	54.85	83.69	74.04	82.16

Keyspan Gas East Corporation*Percent Change in Typical Bills**SC-1B Residential Heat*

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.00%	0.00%	0.00%
2	5	1.31%	2.32%	1.08%
3	10	3.87%	6.85%	3.18%
4	15	5.73%	10.15%	4.71%
5	20	7.15%	12.66%	5.87%
6	25	8.26%	14.63%	6.79%
7	30	9.16%	16.22%	7.52%
8	40	10.53%	18.63%	8.64%
9	50	11.51%	20.37%	9.45%
10	60	14.55%	20.70%	11.33%
11	70	17.41%	21.01%	13.10%
12	80	20.11%	21.31%	14.76%
13	90	22.65%	21.58%	16.33%
14	100	25.05%	21.85%	17.81%
15	150	35.32%	22.97%	24.16%
16	200	43.37%	23.84%	29.13%
17	250	49.86%	24.55%	33.14%

Keyspan Gas East Corporation*Typical Bills**SC-1B Residential Heat*

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 21.66	\$ 21.66	\$ 21.66	\$ 21.66
2	5	23.41	23.72	23.95	23.66
3	10	27.78	28.85	29.68	28.66
4	15	32.15	33.99	35.41	33.66
5	20	36.52	39.13	41.14	38.66
6	25	40.89	44.27	46.87	43.66
7	30	45.26	49.40	52.60	48.66
8	40	53.99	59.68	64.05	58.66
9	50	62.73	69.95	75.51	68.66
10	60	64.73	74.15	78.13	72.07
11	70	66.73	78.35	80.76	75.47
12	80	68.73	82.55	83.38	78.88
13	90	70.73	86.75	86.00	82.28
14	100	72.73	90.95	88.62	85.69
15	150	82.73	111.95	101.73	102.72
16	200	92.73	132.95	114.85	119.75
17	250	102.73	153.95	127.96	136.78

Keyspan Gas East Corporation
Percent Change in Typical Bills
SC-2A General Service Non-Heat

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.00%	0.00%	0.00%
2	5	0.05%	1.57%	0.02%
3	10	0.17%	4.79%	0.06%
4	15	0.25%	7.25%	0.09%
5	20	0.32%	9.20%	0.12%
6	25	0.38%	10.78%	0.14%
7	30	0.42%	12.09%	0.15%
8	40	0.49%	14.13%	0.18%
9	50	0.55%	15.65%	0.20%
10	60	0.59%	16.82%	0.21%
11	70	0.62%	17.75%	0.22%
12	80	0.65%	18.51%	0.23%
13	90	0.67%	19.14%	0.24%
14	100	1.36%	19.26%	0.72%
15	150	4.52%	19.79%	2.87%
16	200	7.21%	20.24%	4.71%
17	300	11.56%	20.97%	7.68%
18	500	17.61%	21.98%	11.81%

Keyspan Gas East Corporation
Typical Bills
SC-2A General Service Non-Heat

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 37.66	\$ 37.66	\$ 37.66	\$ 37.66
2	5	40.09	40.11	40.72	40.10
3	10	46.17	46.25	48.38	46.20
4	15	52.25	52.38	56.04	52.30
5	20	58.33	58.52	63.70	58.40
6	25	64.41	64.65	71.36	64.50
7	30	70.49	70.79	79.01	70.60
8	40	82.65	83.06	94.33	82.80
9	50	94.81	95.33	109.65	95.00
10	60	106.97	107.60	124.96	107.20
11	70	119.13	119.87	140.28	119.40
12	80	131.29	132.14	155.59	131.60
13	90	143.45	144.41	170.91	143.80
14	100	145.95	147.94	174.06	147.00
15	150	158.45	165.61	189.80	163.00
16	200	170.95	183.27	205.55	179.00
17	300	195.95	218.60	237.04	211.00
18	500	245.95	289.26	300.02	275.00

Keyspan Gas East Corporation*Percent Change in Typical Bills**SC-2B General Service Heat*

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.00%	0.00%	0.00%
2	5	1.67%	1.69%	0.02%
3	10	5.06%	5.13%	0.06%
4	20	9.73%	9.87%	0.12%
5	30	12.79%	12.97%	0.15%
6	40	14.95%	15.16%	0.18%
7	50	16.56%	16.78%	0.20%
8	60	17.80%	18.04%	0.21%
9	70	18.78%	19.04%	0.22%
10	80	19.59%	19.86%	0.23%
11	90	20.26%	20.53%	0.24%
12	100	20.82%	21.10%	0.25%
13	150	22.69%	23.00%	0.27%
14	200	23.74%	24.06%	0.28%
15	500	25.86%	26.21%	0.31%
16	1000	26.64%	27.00%	0.32%
17	3000	27.19%	27.56%	0.33%
18	5000	28.74%	27.60%	5.42%
19	10000	31.21%	27.66%	13.52%

Keyspan Gas East Corporation*Typical Bills**SC-2B General Service Heat*

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 37.66	\$ 37.66	\$ 37.66	\$ 37.66
2	5	40.09	40.76	40.77	40.10
3	10	46.17	48.51	48.54	46.20
4	20	58.33	64.01	64.09	58.40
5	30	70.49	79.51	79.63	70.60
6	40	82.65	95.01	95.18	82.80
7	50	94.81	110.51	110.72	95.00
8	60	106.97	126.01	126.27	107.20
9	70	119.13	141.51	141.82	119.40
10	80	131.29	157.01	157.36	131.60
11	90	143.45	172.51	172.91	143.80
12	100	155.61	188.01	188.45	156.00
13	150	216.41	265.51	266.18	217.00
14	200	277.21	343.01	343.91	278.00
15	500	642.01	808.01	810.28	644.00
16	1000	1,250.01	1,583.01	1,587.57	1,254.00
17	3000	3,682.01	4,683.01	4,696.72	3,694.00
18	5000	4,282.01	5,512.61	5,463.77	4,514.00
19	10000	5,782.01	7,586.61	7,381.42	6,564.00
20	15000	7,282.01	9,660.61	9,299.07	8,614.00

Keyspan Gas East Corporation
Percent Change in Typical Bills
SC-3 Multi Family

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.00%	0.00%	0.00%
2	50	3.22%	4.55%	1.96%
3	100	5.55%	7.84%	3.39%
4	150	7.22%	10.20%	4.40%
5	200	8.48%	11.97%	5.17%
6	250	9.46%	13.36%	5.77%
7	500	12.27%	17.32%	7.48%
8	1000	14.38%	20.31%	8.77%
9	1500	21.04%	21.10%	13.34%
10	2000	25.60%	21.63%	16.47%
11	2500	28.92%	22.03%	18.75%
12	3000	31.44%	22.32%	20.48%
13	4000	35.03%	22.75%	22.94%
14	5000	37.45%	23.03%	24.61%
15	7500	41.07%	23.46%	27.09%
16	10000	43.06%	23.70%	28.46%
17	15000	45.21%	23.95%	29.94%

Keyspan Gas East Corporation*Typical Bills**SC-3 Multi Family*

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 74.66	\$ 74.66	\$ 74.66	\$ 74.66
2	50	91.66	94.61	95.83	93.46
3	100	109.74	115.84	118.35	113.46
4	150	127.83	137.06	140.86	133.46
5	200	145.91	158.29	163.38	153.46
6	250	164.00	179.51	185.90	173.46
7	500	254.42	285.64	298.50	273.46
8	1000	435.27	497.89	523.68	473.46
9	1500	535.27	647.89	648.20	606.69
10	2000	635.27	797.89	772.71	739.91
11	2500	735.27	947.89	897.23	873.14
12	3000	835.27	1,097.89	1,021.75	1,006.36
13	4000	1,035.27	1,397.89	1,270.78	1,272.81
14	5000	1,235.27	1,697.89	1,519.81	1,539.26
15	7500	1,735.27	2,447.89	2,142.39	2,205.39
16	10000	2,235.27	3,197.89	2,764.97	2,871.51
17	15000	3,235.27	4,697.89	4,010.13	4,203.76

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UIU RATE PANEL

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Brooklyn Union Gas Company
Comparison of Proposed Revenue Allocations

Line No	Customer Class	Company % Change	Staff % Change	City % Change	UIU % Change
1	SC-1A Residential Non Heat	31.5%	37.2%	33.4%	20.0%
2	SC-1B Residential Heat	31.5%	37.2%	33.4%	36.5%
3	SC-1DG Residential DG	31.5%	37.2%	33.4%	36.5%
4	SC-2 1 General Service Non-Heat	31.5%	37.2%	33.4%	36.5%
5	SC-2 2 General Service Heat	31.5%	37.2%	33.4%	36.5%
6	SC-3 Multi Family	31.5%	37.2%	33.4%	36.5%
7	SC-4A High Load Factor	25.0%	37.2%	0.0%	36.5%
8	SC-4A CNG Equipment	25.0%	37.2%	0.0%	36.5%
9	SC-4B Year Round AC	25.0%	37.2%	0.0%	36.5%
10	SC-18-5A OnSys Large Vol Sales	0.0%	301.5%	0.0%	40.0%
11	SC-6C TC Comm/Ind	6.4%	1.4%	0.0%	30.0%
12	SC-6G TC Govern.	14.6%	6.4%	0.0%	30.0%
13	SC-6M TC Multi-Family	17.1%	-13.5%	0.0%	30.0%
14	SC-7 Seasonal	25.0%	37.2%	0.0%	30.0%
15	Total System	<u>30.1%</u>	<u>33.6%</u>	<u>30.1%</u>	<u>33.6%</u>

Brooklyn Union Gas Company*Revenue Allocation**Company Proposed Revenue Allocation*

Line No	Customer Class	Current Delivery Revenues	Company Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 106,958	\$ 33,731	31.5%
2	SC-1B Residential Heat	412,962	130,235	31.5%
3	SC-1DG Residential DG	2	1	31.5%
4	SC-2 1 General Service Non-Heat	40,761	12,855	31.5%
5	SC-2 2 General Service Heat	61,079	19,262	31.5%
6	SC-3 Multi Family	86,478	27,272	31.5%
7	SC-4A High Load Factor	10,322	2,580	25.0%
8	SC-4A CNG Equipment	959	240	25.0%
9	SC-4B Year Round AC	928	232	25.0%
10	SC-18-5A OnSys Large Vol Sales	1,103	1	0.0%
11	SC-6C TC Comm/Ind	7,217	461	6.4%
12	SC-6G TC Govern.	12,563	1,828	14.6%
13	SC-6M TC Multi-Family	45,157	7,739	17.1%
14	SC-7 Seasonal	30	7	25.0%
15	Total System	<u>\$ 786,521</u>	<u>\$ 236,445</u>	<u>30.1%</u>

Brooklyn Union Gas Company*Revenue Allocation**DPS Staff Proposed Revenue Allocation*

Line No	Customer Class	Current Delivery Revenues	Staff Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 107,802	\$ 40,114	37.2%
2	SC-1B Residential Heat	394,181	146,679	37.2%
3	SC-1DG Residential DG	2	1	37.2%
4	SC-2 1 General Service Non-Heat	33,541	12,481	37.2%
5	SC-2 2 General Service Heat	57,494	21,394	37.2%
6	SC-3 Multi Family	78,396	29,172	37.2%
7	SC-4A High Load Factor	8,708	3,240	37.2%
8	SC-4A CNG Equipment	906	337	37.2%
9	SC-4B Year Round AC	924	344	37.2%
10	SC-18-5A OnSys Large Vol Sales	1,103	3,327	301.5%
11	SC-6C TC Comm/Ind	7,357	106	1.4%
12	SC-6G TC Govern.	12,896	821	6.4%
13	SC-6M TC Multi-Family	46,281	(6,241)	-13.5%
14	SC-7 Seasonal	16	6	37.2%
15	Total System	<u>\$ 749,609</u>	<u>\$ 251,782</u>	<u>33.6%</u>

Brooklyn Union Gas Company
Revenue Allocation
New York City Proposed Revenue Allocation

Line No	Customer Class	Current Delivery Revenues	City Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 106,958	\$ 35,708	33.4%
2	SC-1B Residential Heat	412,962	137,867	33.4%
3	SC-1DG Residential DG	2	1	33.4%
4	SC-2 1 General Service Non-Heat	40,761	13,608	33.4%
5	SC-2 2 General Service Heat	61,079	20,391	33.4%
6	SC-3 Multi Family	86,478	28,871	33.4%
7	SC-4A High Load Factor	10,322	0	0.0%
8	SC-4A CNG Equipment	959	0	0.0%
9	SC-4B Year Round AC	928	0	0.0%
10	SC-18-5A OnSys Large Vol Sales	1,103	0	0.0%
11	SC-6C TC Comm/Ind	7,217	0	0.0%
12	SC-6G TC Govern.	12,563	0	0.0%
13	SC-6M TC Multi-Family	45,157	0	0.0%
14	SC-7 Seasonal	30	0	0.0%
15	Total System	<u>\$ 786,521</u>	<u>\$ 236,446</u>	<u>30.1%</u>

Brooklyn Union Gas Company*Revenue Allocation**UIU Recommended Revenue Allocation*

Line No	Customer Class	Current Delivery Revenues	UIU Proposed Change	Proposed Percent Change
1	SC-1A Residential Non Heat	\$ 107,802	\$ 21,560	20.0%
2	SC-1B Residential Heat	394,181	144,047	36.5%
3	SC-1DG Residential DG	2	1	36.5%
4	SC-2 1 General Service Non-Heat	33,541	12,257	36.5%
5	SC-2 2 General Service Heat	57,494	21,010	36.5%
6	SC-3 Multi Family	78,396	28,649	36.5%
7	SC-4A High Load Factor	8,708	3,182	36.5%
8	SC-4A CNG Equipment	906	331	36.5%
9	SC-4B Year Round AC	924	338	36.5%
10	SC-18-5A OnSys Large Vol Sales	1,103	441	40.0%
11	SC-6C TC Comm/Ind	7,357	2,207	30.0%
12	SC-6G TC Govern.	12,896	3,869	30.0%
13	SC-6M TC Multi-Family	46,281	13,884	30.0%
14	SC-7 Seasonal	16	5	30.0%
15	Total System	<u>\$ 749,609</u>	<u>\$ 251,782</u>	<u>33.6%</u>

Brooklyn Union Gas Company*Rate Class Comparisons*

Line No	Customer Class	UIU ECOS Study - I Rate of Return	UIU ECOS Study - II Rate of Return	Effective Rate per Therm	TC/IT % of Firm Rate
1	SC-1A Residential Non-Heat	11.91%	11.36%	1.718	
2	SC-1B Residential Heat	1.76%	2.37%	0.525	
3	SC-1DG Residential DG	-7.84%	-7.54%	0.344	
4	SC-2 I General Service Non-Heat	9.07%	7.06%	0.282	
5	SC-2 II General Service Heat	-3.58%	-3.05%	0.391	
6	SC-3 Multiple Family	-5.60%	-5.31%	0.252	
7	SC-4A High Load Factor	10.87%	5.34%	0.158	
8	SC-4A CNG Equipment	20.70%	13.50%	0.157	
9	SC-4B Year Round AC	6.94%	7.09%	0.305	
10	SC-18-5A OnSys Large Vol Sales	95.26%	5.04%	0.072	17.4%
11	SC-6C TC Comm/Ind	48.42%	25.63%	0.359	78.9%
12	SC-6G TC Govern.	36.31%	16.80%	0.349	75.2%
13	SC-6M TC Multi-Family	27.87%	13.45%	0.351	92.5%
14	SC-7 Seasonal	22.10%	14.82%	0.246	
15	Total System	2.39%	2.39%	0.448	81.6%

Brooklyn Union Gas Company

Rate Design Comparison

Current and Proposed

Line No		Company Current Rates	Company Proposed Rates	Staff Proposed Rates	UIU Recommended Rates
SC-1A Residential Non Heat					
1	Customer Charge	\$13.74	\$16.25	\$16.25	\$13.74
2	4 - 50 Therms	0.337	0.820	0.982	0.950
3	> 50 Therms	0.150	0.399	0.437	0.422
SC-1B Residential Heat					
4	Customer Charge	\$21.55	\$21.55	\$21.55	\$21.55
5	4 - 50 Therms	0.564	0.812	0.893	0.820
6	> 50 Therms	0.200	0.399	0.316	0.350
SC-1DG Residential DG					
7	Customer Charge	\$32.93	\$32.93	\$32.93	\$32.93
8	> 3 Therms	0.136	0.327	0.260	0.260

Brooklyn Union Gas Company*Rate Design Comparison**Current and Proposed*

Line No		Company Current Rates	Company Proposed Rates	Staff Proposed Rates	UIU Recommended Rates
SC-2 1 General Service Non-Heat					
1	Customer Charge	\$37.55	\$37.55	\$37.55	\$37.55
2	4 – 90 Therms	0.362	0.425	0.531	0.365
3	91 – 3,000 Therms	0.250	0.359	0.367	0.345
4	> 3,000 Therms	0.150	0.359	0.220	0.339
SC-2 2 General Service Heat					
5	Customer Charge	\$37.55	\$37.55	\$37.55	\$37.55
6	4 – 90 Therms	0.362	0.492	0.554	0.470
7	91 – 3,000 Therms	0.300	0.492	0.459	0.450
8	> 3,000 Therms	0.200	0.359	0.306	0.351
SC-3 Multi Family					
9	Customer Charge	\$39.51	\$39.51	\$39.51	\$39.51
10	4 – 1,000 Therms	0.272	0.343	0.387	0.340
11	>1,000 Therms	0.200	0.342	0.285	0.309

Brooklyn Union Gas Company
Percent Change in Typical Bills
SC-1A Residential Non Heat

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	18.3%	18.3%	0.0%
2	4	21.3%	22.4%	4.4%
3	5	24.1%	26.4%	8.5%
4	6	26.8%	30.1%	12.5%
5	8	31.9%	37.2%	19.9%
6	10	36.6%	43.6%	26.7%
7	15	46.7%	57.6%	41.4%
8	20	55.1%	69.2%	53.5%
9	25	62.1%	78.9%	63.8%
10	30	68.1%	87.2%	72.5%
11	40	77.8%	100.6%	86.6%
12	50	85.3%	111.0%	97.4%
13	60	89.2%	114.9%	101.5%
14	70	92.7%	118.4%	105.1%
15	80	95.9%	121.6%	108.5%
16	90	98.9%	124.6%	111.6%
17	100	101.6%	127.3%	114.4%

Brooklyn Union Gas Company
Typical Bills
SC-1A Residential Non Heat

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 13.74	\$ 16.25	\$ 16.25	\$ 13.74
2	4	14.08	17.07	17.23	14.69
3	5	14.41	17.89	18.21	15.64
4	6	14.75	18.71	19.20	16.59
5	8	15.42	20.35	21.16	18.49
6	10	16.10	21.99	23.12	20.39
7	15	17.78	26.09	28.03	25.14
8	20	19.47	30.19	32.94	29.89
9	25	21.15	34.29	37.85	34.64
10	30	22.84	38.39	42.76	39.39
11	40	26.21	46.59	52.58	48.89
12	50	29.57	54.79	62.40	58.39
13	60	31.07	58.78	66.77	62.61
14	70	32.57	62.77	71.14	66.83
15	80	34.07	66.76	75.51	71.04
16	90	35.57	70.75	79.88	75.26
17	100	37.07	74.74	84.25	79.48

Brooklyn Union Gas Company
Percent Change in Typical Bills
SC-1B Residential Heat

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.0%	0.0%	0.0%
2	5	2.2%	2.9%	2.3%
3	10	6.8%	9.0%	7.0%
4	15	10.5%	13.9%	10.8%
5	20	13.5%	17.9%	14.0%
6	25	16.0%	21.3%	16.6%
7	30	18.1%	24.1%	18.8%
8	40	21.6%	28.6%	22.3%
9	50	24.2%	32.1%	25.0%
10	60	27.2%	33.2%	27.0%
11	70	30.0%	34.1%	28.8%
12	80	32.5%	35.0%	30.6%
13	90	34.9%	35.8%	32.2%
14	100	37.1%	36.6%	33.6%
15	150	46.3%	39.8%	39.8%
16	200	53.1%	42.1%	44.3%
17	300	62.6%	45.4%	50.6%

Brooklyn Union Gas Company
Typical Bills
SC-1B Residential Heat

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 21.55	\$ 21.55	\$ 21.55	\$ 21.55
2	5	22.68	23.17	23.34	23.19
3	10	25.50	27.23	27.80	27.29
4	15	28.32	31.29	32.27	31.39
5	20	31.14	35.35	36.73	35.49
6	25	33.97	39.41	41.19	39.59
7	30	36.79	43.47	45.66	43.69
8	40	42.43	51.58	54.59	51.89
9	50	48.08	59.70	63.52	60.09
10	60	50.08	63.69	66.68	63.59
11	70	52.08	67.68	69.85	67.10
12	80	54.08	71.67	73.01	70.60
13	90	56.08	75.66	76.17	74.11
14	100	58.08	79.65	79.34	77.61
15	150	68.08	99.60	95.16	95.14
16	200	78.08	119.55	110.98	112.66
17	300	98.08	159.45	142.62	147.71

Brooklyn Union Gas Company
Percent Change in Typical Bills
SC-2 1 General Service Non-Heat

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.0%	0.0%	0.0%
2	5	0.3%	0.9%	0.0%
3	10	1.1%	3.0%	0.1%
4	15	1.8%	4.8%	0.1%
5	20	2.4%	6.6%	0.1%
6	25	3.0%	8.2%	0.1%
7	30	3.6%	9.6%	0.2%
8	40	4.6%	12.3%	0.2%
9	50	5.4%	14.6%	0.2%
10	60	6.2%	16.6%	0.3%
11	70	6.8%	18.3%	0.3%
12	80	7.4%	19.9%	0.3%
13	90	7.9%	21.3%	0.4%
14	100	9.2%	22.2%	1.7%
15	150	14.3%	25.8%	7.1%
16	200	18.1%	28.5%	11.1%
17	300	23.3%	32.3%	16.6%

Brooklyn Union Gas Company
Typical Bills
SC-2 1 General Service Non-Heat

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 37.55	\$ 37.55	\$ 37.55	\$ 37.55
2	5	38.27	38.40	38.61	38.28
3	10	40.08	40.53	41.27	40.11
4	15	41.90	42.65	43.92	41.93
5	20	43.71	44.78	46.58	43.76
6	25	45.52	46.90	49.24	45.58
7	30	47.33	49.03	51.89	47.41
8	40	50.95	53.28	57.20	51.06
9	50	54.57	57.53	62.51	54.71
10	60	58.19	61.78	67.83	58.36
11	70	61.81	66.03	73.14	62.01
12	80	65.43	70.28	78.45	65.66
13	90	69.05	74.53	83.76	69.31
14	100	71.55	78.12	87.43	72.76
15	150	84.05	96.07	105.76	90.01
16	200	96.55	114.02	124.10	107.26
17	300	121.55	149.92	160.77	141.76

Brooklyn Union Gas Company
Percent Change in Typical Bills
SC-2 2 General Service Heat

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.0%	0.0%	0.0%
2	5	0.7%	1.0%	0.6%
3	10	2.3%	3.4%	1.9%
4	20	5.1%	7.5%	4.2%
5	30	7.4%	11.0%	6.2%
6	40	9.4%	13.9%	7.8%
7	50	11.2%	16.5%	9.3%
8	60	12.7%	18.8%	10.6%
9	70	14.1%	20.8%	11.7%
10	80	15.3%	22.6%	12.7%
11	90	16.4%	24.2%	13.6%
12	100	17.4%	25.6%	14.4%
13	150	21.1%	31.1%	17.5%
14	200	23.5%	34.7%	19.5%
15	500	29.7%	43.9%	24.7%
16	1000	32.5%	48.0%	27.0%
17	2000	34.2%	50.4%	28.3%
18	5000	35.2%	51.9%	29.2%
19	10000	35.6%	52.5%	29.5%

Brooklyn Union Gas Company
Typical Bills
SC-2 2 General Service Heat

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 37.55	\$ 37.55	\$ 37.55	\$ 37.55
2	5	38.27	38.53	38.66	38.49
3	10	40.08	41.00	41.43	40.84
4	20	43.71	45.92	46.97	45.54
5	30	47.33	50.84	52.51	50.24
6	40	50.95	55.76	58.05	54.94
7	50	54.57	60.68	63.59	59.64
8	60	58.19	65.61	69.13	64.34
9	70	61.81	70.53	74.67	69.04
10	80	65.43	75.45	80.21	73.74
11	90	69.05	80.37	85.75	78.44
12	100	72.67	85.29	91.29	83.14
13	150	90.78	109.90	119.00	106.64
14	200	108.88	134.51	146.70	130.14
15	500	217.51	282.17	312.92	271.14
16	1000	398.56	528.27	589.95	506.14
17	2000	760.66	1,020.47	1,144.01	976.14
18	5000	1,846.96	2,497.07	2,806.20	2,386.14
19	10000	3,657.46	4,958.07	5,576.51	4,736.14
20	15000	5,467.96	7,419.07	8,346.82	7,086.14

Brooklyn Union Gas Company
Percent Change in Typical Bills
SC-3 Multi Family

Line No	Number of Therms	Company Proposed Change	Staff Proposed Change	UIU Proposed Change
1	3	0.0%	0.0%	0.0%
2	50	6.4%	10.3%	6.1%
3	100	10.5%	17.0%	10.0%
4	150	13.1%	21.3%	12.6%
5	200	15.0%	24.4%	14.4%
6	250	16.4%	26.7%	15.8%
7	500	20.2%	32.8%	19.4%
8	1000	22.8%	37.0%	21.9%
9	1500	34.6%	38.3%	29.8%
10	2000	41.8%	39.1%	34.7%
11	2500	46.6%	39.6%	38.0%
12	3000	50.0%	40.0%	40.3%
13	4000	54.7%	40.5%	43.4%
14	5000	57.7%	40.8%	45.5%
15	7500	61.9%	41.3%	48.3%
16	10000	64.1%	41.6%	49.8%
17	15000	66.4%	41.8%	51.3%

Brooklyn Union Gas Company
Typical Bills
SC-3 Multi Family

Line No	Number of Therms	Current Bill	Company Proposed Bill	Staff Proposed Bill	UIU Proposed Bill
1	3	\$ 39.51	\$ 39.51	\$ 39.51	\$ 39.51
2	50	52.29	55.63	57.70	55.49
3	100	65.88	72.77	77.05	72.49
4	150	79.48	89.92	96.40	89.49
5	200	93.07	107.06	115.76	106.49
6	250	106.67	124.21	135.11	123.49
7	500	174.64	209.93	231.87	208.49
8	1000	310.59	381.38	425.39	378.49
9	1500	410.59	552.58	567.74	533.11
10	2000	510.59	723.78	710.08	687.73
11	2500	610.59	894.98	852.43	842.35
12	3000	710.59	1,066.18	994.78	996.97
13	4000	910.59	1,408.58	1,279.47	1,306.21
14	5000	1,110.59	1,750.98	1,564.16	1,615.45
15	7500	1,610.59	2,606.98	2,275.90	2,388.55
16	10000	2,110.59	3,462.98	2,987.63	3,161.65
17	15000	3,110.59	5,174.98	4,411.10	4,707.85