

The Brooklyn Union Gas Company d/b/a National Grid  
Unit Rate Calculation

<u>Service Class</u>	<u>Write-Off</u> <u>Allocator</u>	<u>Surcharge</u> <u>Amount</u>	<u>(July 22 - June 23)</u> <u>Therms</u>	<u>Unit Rate</u> <u>\$/Therm</u>
Residential Non-Heat (SC 1A, 1AR, 17-1A, 17-1AR)	25.416%	\$3,754,694	55,552,449	\$0.0676
Residential Heat (SC 1B, 1BR, 17-1B, 17-1BR)	61.398%	\$9,070,209	767,358,918	\$0.0118
Commercial Non-Heat (SC 2-1, 17-2-1)	2.685%	\$396,624	111,504,923	\$0.0036
Commercial Heat (SC 2-2, 17-2-2)	4.514%	\$666,828	192,729,935	\$0.0035
Multi-Family (SC 3, 17-3)	1.843%	\$272,229	378,874,325	\$0.0007
Non-Firm Demand Response Service SC 22, SC 18-22 (Tier 1 & 2)	4.145%	<u>\$612,296</u>	<u>123,140,522</u>	\$0.0050
Total	100.000%	<u>\$14,772,880</u>	<u>1,629,161,072</u>	
Late Payment Charge & Other Waived Fees	\$14,650,968			
Less: Savings	<u>1,692,161</u>			
Subtotal	\$12,958,807			
Add: Interest	<u>\$1,814,073</u>			
Total Surcharge Amount	<u><u>\$14,772,880</u></u>			

The Brooklyn Union Gas Company d/b/a National Grid  
COVID-19 Financial Impact - Late Payment Charges and Other Fees Carrying Charge

Monthly Carrying Charge Calculation											
	[A]	[B]	[C]	[D]	[E] = [B] - [C] - [D]	[F] = [A] + [E]	[G] = E x Tax Factor	[H] = Rate / 12	[I] = [G] x [H]	[J] = [F] + [I]	
Period	Starting Balance	LPC & Other Waived Fees	Savings	Recoveries	Net	Adjusted Balance	Adjusted Balance, Net of Income Tax (1)	Interest Rate (2)	Interest	Ending Balance	
Apr-20	\$0	\$1,220,914	\$141,013		\$0	\$1,079,901	\$1,079,901	\$781,630	0.66%	\$5,178	\$1,085,079
May-20	\$1,085,079	\$1,220,914	\$141,013		\$0	\$1,079,901	\$2,164,979	\$1,567,008	0.66%	\$10,381	\$2,175,361
Jun-20	\$2,175,361	\$1,220,914	\$141,013		\$0	\$1,079,901	\$3,255,261	\$2,356,152	0.66%	\$15,610	\$3,270,871
Jul-20	\$3,270,871	\$1,220,914	\$141,013		\$0	\$1,079,901	\$4,350,772	\$3,149,080	0.66%	\$20,863	\$4,371,634
Aug-20	\$4,371,634	\$1,220,914	\$141,013		\$0	\$1,079,901	\$5,451,535	\$3,945,810	0.66%	\$26,141	\$5,477,676
Sep-20	\$5,477,676	\$1,220,914	\$141,013		\$0	\$1,079,901	\$6,557,576	\$4,746,361	0.66%	\$31,445	\$6,589,021
Oct-20	\$6,589,021	\$1,220,914	\$141,013		\$0	\$1,079,901	\$7,668,922	\$5,550,750	0.66%	\$36,774	\$7,705,695
Nov-20	\$7,705,695	\$1,220,914	\$141,013		\$0	\$1,079,901	\$8,785,596	\$6,358,997	0.66%	\$42,128	\$8,827,724
Dec-20	\$8,827,724	\$1,220,914	\$141,013		\$0	\$1,079,901	\$9,907,625	\$7,171,119	0.66%	\$47,509	\$9,955,134
Jan-21	\$9,955,134	\$1,220,914	\$141,013		\$0	\$1,079,901	\$11,035,034	\$7,987,136	0.66%	\$52,915	\$11,087,949
Feb-21	\$11,087,949	\$1,220,914	\$141,013		\$0	\$1,079,901	\$12,167,849	\$8,807,065	0.66%	\$58,347	\$12,226,196
Mar-21	\$12,226,196	\$1,220,914	\$141,013		\$0	\$1,079,901	\$13,306,097	\$9,630,926	0.66%	\$63,805	\$13,369,902
Apr-21	\$13,369,902	\$0	\$0	\$0	\$0	\$13,369,902	\$9,566,733	0.66%	\$62,962	\$13,432,864	
May-21	\$13,432,864	\$0	\$0	\$0	\$0	\$13,432,864	\$9,611,785	0.66%	\$63,259	\$13,496,122	
Jun-21	\$13,496,122	\$0	\$0	\$0	\$0	\$13,496,122	\$9,657,049	0.66%	\$63,556	\$13,559,679	
Jul-21	\$13,559,679	\$0	\$0	\$0	\$0	\$13,559,679	\$9,702,526	0.66%	\$63,856	\$13,623,535	
Aug-21	\$13,623,535	\$0	\$0	\$0	\$0	\$13,623,535	\$9,748,218	0.66%	\$64,156	\$13,687,691	
Sep-21	\$13,687,691	\$0	\$0	\$0	\$0	\$13,687,691	\$9,794,125	0.66%	\$64,459	\$13,752,150	
Oct-21	\$13,752,150	\$0	\$0	\$0	\$0	\$13,752,150	\$9,840,247	0.66%	\$64,762	\$13,816,912	
Nov-21	\$13,816,912	\$0	\$0	\$0	\$0	\$13,816,912	\$9,886,588	0.66%	\$65,067	\$13,881,979	
Dec-21	\$13,881,979	\$0	\$0	\$0	\$0	\$13,881,979	\$9,933,146	0.66%	\$65,374	\$13,947,352	
Jan-22	\$13,947,352	\$0	\$0	\$0	\$0	\$13,947,352	\$9,979,923	0.66%	\$65,681	\$14,013,034	
Feb-22	\$14,013,034	\$0	\$0	\$0	\$0	\$14,013,034	\$10,026,921	0.66%	\$65,991	\$14,079,024	
Mar-22	\$14,079,024	\$0	\$0	\$0	\$0	\$14,079,024	\$10,074,140	0.66%	\$66,301	\$14,145,326	
Apr-22	\$14,145,326	\$0	\$0	\$0	\$0	\$14,145,326	\$10,121,582	0.66%	\$66,614	\$14,211,940	
May-22	\$14,211,940	\$0	\$0	\$0	\$0	\$14,211,940	\$10,169,247	0.66%	\$66,927	\$14,278,867	
Jun-22	\$14,278,867	\$0	\$0	\$0	\$0	\$14,278,867	\$10,217,136	0.66%	\$67,243	\$14,346,110	
Jul-22	\$14,346,110	\$0	\$0	\$509,270	(\$509,270)	\$13,836,840	\$9,900,847	0.66%	\$65,161	\$13,902,001	
Aug-22	\$13,902,001	\$0	\$0	\$485,358	(\$485,358)	\$13,416,643	\$9,600,178	0.66%	\$63,182	\$13,479,825	
Sep-22	\$13,479,825	\$0	\$0	\$515,734	(\$515,734)	\$12,964,091	\$9,276,358	0.66%	\$61,051	\$13,025,142	
Oct-22	\$13,025,142	\$0	\$0	\$625,372	(\$625,372)	\$12,399,770	\$8,872,562	0.66%	\$58,393	\$12,458,163	
Nov-22	\$12,458,163	\$0	\$0	\$1,167,753	(\$1,167,753)	\$11,290,411	\$8,078,769	0.66%	\$53,169	\$11,343,580	
Dec-22	\$11,343,580	\$0	\$0	\$1,734,313	(\$1,734,313)	\$9,609,267	\$6,875,839	0.66%	\$45,252	\$9,654,520	
Jan-23	\$9,654,520	\$0	\$0	\$2,535,774	(\$2,535,774)	\$7,118,746	\$5,093,765	0.66%	\$33,524	\$7,152,270	
Feb-23	\$7,152,270	\$0	\$0	\$2,346,986	(\$2,346,986)	\$4,805,284	\$3,438,385	0.66%	\$22,629	\$4,827,913	
Mar-23	\$4,827,913	\$0	\$0	\$1,665,324	(\$1,665,324)	\$3,162,589	\$2,262,967	0.66%	\$14,893	\$3,177,483	
Apr-23	\$3,177,483	\$0	\$0	\$1,759,902	(\$1,759,902)	\$1,417,580	\$1,014,339	0.66%	\$6,676	\$1,424,256	
May-23	\$1,424,256	\$0	\$0	\$821,317	(\$821,317)	\$602,939	\$431,428	0.66%	\$2,839	\$605,778	
Jun-23	\$605,778	\$0	\$0	\$605,778	(\$605,778)	\$0	\$0	0.66%	\$0	\$0	
Totals		\$14,650,968	\$1,692,161	\$14,772,880					\$1,814,073		

Effective Date:	<u>April 1, 2020</u>	<u>April 1, 2021</u>	<u>April 1, 2022</u>
(1) Net of Income Tax	72.38%	71.55%	71.55%
(2) Pre-Tax WACC	7.95%	7.90%	7.90%