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DATED: January 24, 2023

ISSUED BY: /s/Neil Proudman  
Neil Proudman

EFFECTIVE: February 1, 2023

TITLE: President

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DATED: January 24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: February 1, 2023

Neil Proudman  
TITLE: President

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DATED: January 24, 2023

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ISSUED BY: /s/Neil Proudman

Neil Proudman  
TITLE: President

**22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS**

**II RATE SCHEDULES**

	Rates Effective February 1, 2023 - April 30, 2023 Winter Period				Rates Effective May 1, 2023 - October 31, 2023 Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 95</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
<b><u>Residential Non Heating - R-1</u></b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.5129	\$ 0.4525	\$ 0.1113	\$ 1.0767	\$ 0.5129	\$ 1.0269	\$ 0.1113	\$ 1.6511
<b><u>Residential Heating - R-3</u></b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.6519	\$ 0.4525	\$ 0.1113	\$ 1.2157	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
<b><u>Residential Heating - R-4</u></b>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.3585	\$ 0.2489	\$ 0.1113	\$ 0.7187	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
<b><u>Commercial/Industrial - G-41</u></b>								
Customer Charge per Month per Meter	\$ 63.30			\$ 63.30	\$ 63.30			\$ 63.30
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.5088	\$ 0.4526	\$ 0.0890	\$ 1.0504	\$ 0.5088	\$ 1.0271	\$ 0.0890	\$ 1.6249
All therms over the first block per month at	\$ 0.3550	\$ 0.4526	\$ 0.0890	\$ 0.8966	\$ 0.3550	\$ 1.0271	\$ 0.0890	\$ 1.4711
<b><u>Commercial/Industrial - G-42</u></b>								
Customer Charge per Month per Meter	\$ 189.84			\$ 189.84	\$ 189.84			\$ 189.84
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.4634	\$ 0.4526	\$ 0.0890	\$ 1.0050	\$ 0.4634	\$ 1.0271	\$ 0.0890	\$ 1.5795
All therms over the first block per month at	\$ 0.3212	\$ 0.4526	\$ 0.0890	\$ 0.8628	\$ 0.3212	\$ 1.0271	\$ 0.0890	\$ 1.4373
<b><u>Commercial/Industrial - G-43</u></b>								
Customer Charge per Month per Meter	\$ 811.98			\$ 811.98	\$ 811.98			\$ 811.98
All therms over the first block per month at	\$ 0.2863	\$ 0.4526	\$ 0.0890	\$ 0.8279	\$ 0.1441	\$ 1.0271	\$ 0.0890	\$ 1.2602
<b><u>Commercial/Industrial - G-51</u></b>								
Customer Charge per Month per Meter	\$ 63.38			\$ 63.38	\$ 63.38			\$ 63.38
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3070	\$ 0.4521	\$ 0.0890	\$ 0.8481	\$ 0.3070	\$ 1.0266	\$ 0.0890	\$ 1.4226
All therms over the first block per month at	\$ 0.2084	\$ 0.4521	\$ 0.0890	\$ 0.7495	\$ 0.2084	\$ 1.0266	\$ 0.0890	\$ 1.3240
<b><u>Commercial/Industrial - G-52</u></b>								
Customer Charge per Month per Meter	\$ 189.57			\$ 189.57	\$ 189.57			\$ 189.57
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.2647	\$ 0.4521	\$ 0.0890	\$ 0.8058	\$ 0.1978	\$ 1.0266	\$ 0.0890	\$ 1.3134
All therms over the first block per month at	\$ 0.1836	\$ 0.4521	\$ 0.0890	\$ 0.7247	\$ 0.1219	\$ 1.0266	\$ 0.0890	\$ 1.2375
<b><u>Commercial/Industrial - G-53</u></b>								
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838.52			\$ 838.52
All therms over the first block per month at	\$ 0.1851	\$ 0.4521	\$ 0.0890	\$ 0.7262	\$ 0.0968	\$ 1.0266	\$ 0.0890	\$ 1.2124
<b><u>Commercial/Industrial - G-54</u></b>								
Customer Charge per Month per Meter	\$ 839.19			\$ 839.19	\$ 839.19			\$ 839.19
All therms over the first block per month at	\$ 0.0705	\$ 0.4521	\$ 0.0890	\$ 0.6116	\$ 0.0409	\$ 1.0266	\$ 0.0890	\$ 1.1565

DATED: January 24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: February 1, 2023

Neil Proudman  
TITLE: President

**24 FIRM RATE SCHEDULES – MANAGED EXPANSION PROGRAM - EXCLUDING KEENE CUSTOMERS**

**II RATE SCHEDULES**

	Rates Effective February 1, 2023 - April 30, 2023 Winter Period				Rates Effective May 1, 2023 - October 31, 2023 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b>Residential Non Heating - R-5</b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All therms	\$ 0.6668	\$ 0.4525	\$ 0.1113	\$ 1.2306	\$ 0.6668	\$ 1.0269	\$ 0.1113	\$ 1.8050
<b>Residential Heating - R-6</b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.8475	\$ 0.4525	\$ 0.1113	\$ 1.4113	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
<b>Residential Heating - R-7</b>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4661	\$ 0.2489	\$ 0.1113	\$ 0.8263	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
<b>Commercial/Industrial - G-44</b>								
Customer Charge per Month per Meter	\$ 82.29			\$ 82.29	\$ 82.29			\$ 82.29
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.6614	\$ 0.4526	\$ 0.0890	\$ 1.2030	\$ 0.6614	\$ 1.0271	\$ 0.0890	\$ 1.7775
All therms over the first block per month at	\$ 0.4614	\$ 0.4526	\$ 0.0890	\$ 1.0030	\$ 0.4614	\$ 1.0271	\$ 0.0890	\$ 1.5775
<b>Commercial/Industrial - G-45</b>								
Customer Charge per Month per Meter	\$ 246.78			\$ 246.78	\$ 246.78			\$ 246.78
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.6023	\$ 0.4526	\$ 0.0890	\$ 1.1439	\$ 0.6023	\$ 1.0271	\$ 0.0890	\$ 1.7184
All therms over the first block per month at	\$ 0.4175	\$ 0.4526	\$ 0.0890	\$ 0.9591	\$ 0.4175	\$ 1.0271	\$ 0.0890	\$ 1.5336
<b>Commercial/Industrial - G-46</b>								
Customer Charge per Month per Meter	\$ 1,055.58			\$ 1,055.58	\$ 1,055.58			\$ 1,055.58
All therms over the first block per month at	\$ 0.3722	\$ 0.4526	\$ 0.0890	\$ 0.9138	\$ 0.1873	\$ 1.0271	\$ 0.0890	\$ 1.3034
<b>Commercial/Industrial - G-55</b>								
Customer Charge per Month per Meter	\$ 82.39			\$ 82.39	\$ 82.39			\$ 82.39
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3992	\$ 0.4521	\$ 0.0890	\$ 0.9403	\$ 0.3992	\$ 1.0266	\$ 0.0890	\$ 1.5148
All therms over the first block per month at	\$ 0.2710	\$ 0.4521	\$ 0.0890	\$ 0.8121	\$ 0.2710	\$ 1.0266	\$ 0.0890	\$ 1.3866
<b>Commercial/Industrial - G-56</b>								
Customer Charge per Month per Meter	\$ 246.43			\$ 246.43	\$ 246.43			\$ 246.43
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.3442	\$ 0.4521	\$ 0.0890	\$ 0.8853	\$ 0.2572	\$ 1.0266	\$ 0.0890	\$ 1.3728
All therms over the first block per month at	\$ 0.2387	\$ 0.4521	\$ 0.0890	\$ 0.7798	\$ 0.1585	\$ 1.0266	\$ 0.0890	\$ 1.2741
<b>Commercial/Industrial - G-57</b>								
Customer Charge per Month per Meter	\$ 1,090.08			\$ 1,090.08	\$ 1,090.08			\$ 1,090.08
All therms over the first block per month at	\$ 0.2407	\$ 0.4521	\$ 0.0890	\$ 0.7818	\$ 0.1259	\$ 1.0266	\$ 0.0890	\$ 1.2415
<b>Commercial/Industrial - G-58</b>								
Customer Charge per Month per Meter	\$ 1,090.95			\$ 1,090.95	\$ 1,090.95			\$ 1,090.95
All therms over the first block per month at	\$ 0.0916	\$ 0.4521	\$ 0.0890	\$ 0.6327	\$ 0.0531	\$ 1.0266	\$ 0.0890	\$ 1.1687

DATED: January 24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: February 1, 2023

Neil Proudman  
TITLE: President

**30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE  
EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIRM SALES COST OF GAS RATE  
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023  
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 127,589,939	
Projected Prorated Sales (11/01/2022 - 04/30/2023)	92,780,984	
<b>Direct Cost of Gas Rate</b>		<b>\$ 1.3752 per therm</b>
<b>Demand Cost of Gas Rate</b>	<b>\$ 12,510,219</b>	<b>\$ 0.1348 per therm</b>
<b>Commodity Cost of Gas Rate</b>	<b>117,533,374</b>	<b>\$ 1.2668 per therm</b>
<b>Adjustment Cost of Gas Rate</b>	<b>3,568,556</b>	<b>\$ 0.0385 per therm</b>
<b>Hedge Contract (Savings)</b>	<b>(6,022,210)</b>	<b>\$ (0.0649) per therm</b>
<b>Total Direct Cost of Gas Rate</b>	<b>\$ 127,589,939</b>	<b>\$ 1.3752 per therm</b>
Total Anticipated Indirect Cost of Gas	\$ 5,082,758	
Projected Prorated Sales (11/01/2022 - 04/30/2023)	92,780,984	
<b>Indirect Cost of Gas</b>		<b>\$ 0.0548 per therm</b>
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22</b>		<b>\$ 1.4300 per therm</b>
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/22</b>	<b>COGwr</b>	<b>\$ 1.4300 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.1749)
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 12/01/22</b>	<b>COGwr</b>	<b>\$ 1.2551 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0741
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 01/01/23</b>	<b>COGwr</b>	<b>\$ 1.3292 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.8767)
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 02/01/23</b>	<b>COGwr</b>	<b>\$ 0.4525 /therm</b>
	Maximum (COG + 25%)	\$ 1.7875
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22</b>	<b>COGwr</b>	<b>\$ 0.7865 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.0962)
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 12/01/22</b>	<b>COGwr</b>	<b>\$ 0.6903 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0408
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 01/01/23</b>	<b>COGwr</b>	<b>\$ 0.7311 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.4822)
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 02/01/23</b>	<b>COGwr</b>	<b>\$ 0.2489 /therm</b>
	Maximum (COG + 25%)	\$ 0.9831
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/22</b>	<b>COGwh</b>	<b>\$ 1.4301 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.1749)
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 12/01/22</b>	<b>COGwh</b>	<b>\$ 1.2552 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0741
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 01/01/23</b>	<b>COGwh</b>	<b>\$ 1.3293 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.8767)
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 02/01/23</b>	<b>COGwh</b>	<b>\$ 0.4526 /therm</b>
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348	Maximum (COG + 25%) \$ 1.7876
Times: High Winter Use Ratio (Winter)	1.0005	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	\$ 0.1349	
Commodity Cost of Gas Rate	\$ 1.2668	
Adjustment Cost of Gas Rate	\$ 0.0385	
Indirect Cost of Gas Rate	\$ 0.0548	
Hedge Contract (Savings)	\$ (0.0649)	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 1.4301	
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/22</b>	<b>COGwl</b>	<b>\$ 1.4296 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.1749)
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 12/01/22</b>	<b>COGwl</b>	<b>\$ 1.2547 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0741
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 01/01/23</b>	<b>COGwl</b>	<b>\$ 1.3288 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.8767)
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 02/01/23</b>	<b>COGwl</b>	<b>\$ 0.4521 /therm</b>
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348	Maximum (COG + 25%) \$ 1.7870
Times: Low Winter Use Ratio (Winter)	0.9971	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	\$ 0.1344	
Commodity Cost of Gas Rate	\$ 1.2668	
Adjustment Cost of Gas Rate	\$ 0.0385	
Indirect Cost of Gas Rate	\$ 0.0548	
Hedge Contract (Savings)	\$ (0.0649)	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 1.4296	

DATED: January 24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: February 1, 2023

Neil Proudman  
TITLE: President

**Liberty Utilities (EnergyNorth Natural Gas) Corp.**

**d/b/a Liberty**

Calculation of the Projected Over or Under Collection of the  
2022-2023 Winter Cost of Gas Filing

DG 22-045

February 01, 2023

Under/(Over) Collection as of 01/01/2023		\$	(13,242,990)
Forecasted firm Residential therm sales 02/01/2023 to 04/30/2023	22,271,710		
Residential Cost of Gas Rate per therm	\$ (1.3292)	\$	(29,603,557)
Forecasted firm Residential (GAP) therm sales 02/01/2023 to 04/30/2023	1,601,060		
Residential (GAP) Cost of Gas Rate per therm	\$ (0.7311)	\$	(1,170,535)
Forecasted firm C&I High Winter Use therm sales 02/01/2023 to 04/30/2023	15,035,760		
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.3293)	\$	(19,987,036)
Forecasted firm C&I Low Winter Use therm sales 02/01/2023 to 04/30/2023	3,087,842		
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.3288)	\$	(4,103,124)
Forecasted firm Residential therm sales 01/2023	11,185,990		
Residential Cost of Gas Rate per therm	\$ (1.3292)	\$	(14,868,418)
Forecasted firm Residential (GAP) therm sales 01/2023	788,260		
Residential (GAP) Cost of Gas Rate per therm	\$ (0.7311)	\$	(576,297)
Forecasted firm C&I High Winter Use therm sales 01/2023	7,697,990		
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.3293)	\$	(10,232,938)
Forecasted firm C&I Low Winter Use therm sales 01/2023	1,356,967		
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.3288)	\$	(1,803,138)
Forecast recovered costs at current rate 01/2023		\$	(82,345,043)
Estimated FPO Premium 01/01/2023 to 04/30/2023		\$	(13,737)
Projected gas costs 01/01/2023 to 04/30/2023		\$	58,757,820
Estimated interest charged (credited) to customers 01/01/2023 to 04/30/2023		\$	24,070
Projected under / (over) collection as of 04/30/2023 (A)		\$	<b>(36,819,880)</b>

Actual Gas Costs through 01/01/2023	\$	33,802,165
Revised projected gas costs 01/01/2023 to 04/30/2023	\$	<u>58,781,890</u>
Estimated total adjusted gas costs 01/01/2023 to 04/30/2023 (B)	\$	<b>92,584,055</b>

Under/ (over) collection as percent of total gas costs (A/B)	-39.77%
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Projected under / (over) collection as of 04/30/2023 (A)	\$	(36,819,880)
Forecasted firm therm sales 02/01/2023 to 04/30/2023		41,996,372
Change in rate used to reduce forecast under/(over) collection	\$	(0.8767)
Current Cost of Gas Rate 01/2023	\$	1.3292
Revised Cost of Gas Rate	\$	0.4525
Cap - Residential Cost of Gas Rate	\$	1.7875

Revised as follows:

The revised projected gas costs include the January 2023 - April 2023 NYMEX settled strip prices as of January 19, 2023.

**Liberty Utilities (EnergyNorth Natural Gas) Corp.**  
**d/b/a Liberty Utilities**  
 Projected Over or Under Collection

Without Rate Adjustment	Apr-22 Ending Balance Under/(Over)	May to Oct-22 (Actual)	Nov-22 (Actual)	Dec-22 (Actual)	Jan-23 (Estimate)	Feb-23 (Estimate)	Mar-23 (Estimate)	Apr-23 (Estimate)	Total Peak Includes prior Under/(Over)	Last Filing 12/22/2022 Including Beginning Balances	Change 1/24/2023
Total Gas Costs	\$ 5,378,797	\$ 3,852,900	\$ 6,227,945	\$ 17,938,271	\$ 24,054,396	\$ 17,319,125	\$ 10,505,259	\$ 3,341,712	\$ 88,618,404	\$ 121,366,324	\$ (32,747,920)
Adjustments and Indirect Costs											
Refunds & Adjustments				\$ (887,245)					\$ (887,245)		\$ (887,245)
COG Bad Debt											
Return on Inventory per DG 20-105			\$ 83,406	\$ 83,406	\$ 85,935	\$ 85,935	\$ 85,935	\$ 85,935	\$ 510,552	\$ 513,080	\$ (2,528)
Transportation Revenue											
Broker Revenue											
Off System and Capacity Release											
Fixed Price Option Admin.		40,685							40,685	40,685	
Bad Debt Costs	(170,565.5)	(51,867)	53,768	162,577	129,527	129,527	129,527	129,527	512,020	705,091	(193,071)
Working Capital	(30,998)	(16,939)	24,149	69,557	54,628	54,628	54,628	54,628	264,279	350,723	(86,443)
Misc Overhead											
Production & Storage			614,243	614,243	614,243	614,243	614,243	614,243	3,685,458	3,685,458	
Total Indirect Costs	\$ (201,564)	\$ (28,121)	\$ 775,567	\$ 42,538	\$ 884,332	\$ 884,332	\$ 884,332	\$ 884,332	\$ 4,125,749	\$ 5,295,037	\$ (1,169,288)
Interest		\$ (8,683)	\$ (54,672)	\$ (120,813)	\$ 7,444	\$ 16,868	\$ 11,235	\$ (11,478)	\$ (160,098)	\$ (158,329)	\$ (1,769)
Total Gas Costs plus Indirect Costs	\$ 5,177,233	\$ 3,816,096	\$ 6,948,840	\$ 17,859,996	\$ 24,946,171	\$ 18,220,325	\$ 11,400,826	\$ 4,214,567	\$ 92,584,055	\$ 126,503,031	\$ (33,918,976)
Current month unbilled volumes estimate			10,489,536	16,155,628							
Total Actual/Forecasted Sales Volumes (including unbilled)			16,383,192	17,903,315	21,029,207	17,732,977	15,124,179	9,139,216	97,312,086	97,326,000	(13,914)
Total Actual/Forecasted Collections (including unbilled)	\$ 1,356,641	\$ 1,356,641	\$ 20,597,104	\$ 25,091,410	\$ 27,484,706	\$ 23,174,558	\$ 19,767,557	\$ 11,931,959	\$ 129,403,935	\$ 121,831,816	\$ 7,572,120
Ending Balance	\$ 5,177,233	\$ 7,636,688	\$ (6,011,577)	\$ (13,242,990)	\$ (15,781,525)	\$ (20,735,757)	\$ (29,102,488)	\$ (36,819,880)	\$ (36,819,880)	\$ 4,671,216	\$ (41,491,096)
With Rate Adjustment											
Total Gas Costs	\$ 5,378,797	\$ 3,852,900	\$ 6,227,945	\$ 17,938,271	\$ 24,054,396	\$ 17,319,125	\$ 10,505,259	\$ 3,341,712	\$ 88,618,404	\$ 121,366,324	\$ (32,747,920)
Adjustments and Indirect Costs											
Refunds & Adjustments	\$ -	\$ -	\$ -	\$ (887,245)	\$ -	\$ -	\$ -	\$ -	\$ (887,245)	\$ -	\$ (887,245)
COG Bad Debt	-	-	-	-	-	-	-	-	-	-	-
Inventory Financing	-	-	83,406	83,406	85,935	85,935	85,935	85,935	510,552	513,080	(2,528)
Transportation Revenue	-	-	-	-	-	-	-	-	-	-	-
Broker Revenue	-	-	-	-	-	-	-	-	-	-	-
Off System and Capacity Release	-	-	-	-	-	-	-	-	-	-	-
Fixed Price Option Admin.	-	40,685	-	-	-	-	-	-	40,685	40,685	-
Bad Debt Costs	(170,566)	(51,867)	53,768	162,577	129,527	129,527	129,527	129,527	512,020	705,091	(193,071)
Working Capital	(30,998)	(16,939)	24,149	69,557	54,628	54,628	54,628	54,628	264,279	350,723	(86,443)
Misc Overhead	-	-	-	-	-	-	-	-	-	-	-
Production & Storage	-	-	614,243	614,243	614,243	614,243	614,243	614,243	3,685,458	3,685,458	-
Total Indirect Costs	\$ (201,564)	\$ (28,121)	\$ 775,567	\$ 42,538	\$ 884,332	\$ 884,332	\$ 884,332	\$ 884,332	\$ 4,125,749	\$ 5,295,037	\$ (1,169,288)
Interest	-	(8,683)	(54,672)	(120,813)	7,444	16,868	11,235	(11,478)	(160,098)	(158,329)	(1,769)
Total Gas Costs plus Indirect Costs	\$ 5,177,233	\$ 3,816,096	\$ 6,948,840	\$ 17,859,996	\$ 24,946,171	\$ 18,220,325	\$ 11,400,826	\$ 4,214,567	\$ 92,584,055	\$ 126,503,031	\$ (33,918,976)
Total Actual/Forecasted Sales Volumes (including unbilled)			16,383,192	17,903,315	21,029,207	17,732,977	15,124,179	9,139,216	97,312,086	97,326,000	(13,914)
Total Actual/Forecasted Collections (including unbilled)	\$ 1,356,641	\$ 1,356,641	\$ 20,597,104	\$ 25,091,410	\$ 27,484,706	\$ 7,892,115	\$ 6,731,638	\$ 4,063,719	\$ 93,217,334	\$ 126,422,447	\$ (33,205,114)
Ending Balance	\$ 5,177,233	\$ 7,636,688	\$ (6,011,577)	\$ (13,242,990)	\$ (15,781,525)	\$ (5,453,315)	\$ (784,127)	\$ (633,279)	\$ (633,279)	\$ 80,584	\$ (713,863)



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TOC ii	Original
TOC iii	First Revised
TOC iv	Original
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2	Third Revised
3	Thirty- <del>sixth</del> <sup>seventh</sup> Revised
4	Thirty- <del>second</del> <sup>third</sup> Revised
5	Second Revised
6	Original
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DATED: January ~~13~~<sup>24</sup>, 2023

ISSUED BY: /s/Neil Proudman  
Neil Proudman  
TITLE: President

EFFECTIVE: ~~January~~<sup>February</sup> 1, 2023

Authorized by NHPUC Order Nos. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and by NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057. Authorized by NHPUC ~~Order No. 26,745 dated December 14, 2022, in Docket No. DE 22-081~~

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DATED: January ~~13~~24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~January-February~~ 1, 2023

Neil Proudman  
TITLE: President

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DATED: January ~~13~~24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~January~~February 1, 2023

Neil Proudman  
TITLE: President

**22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS**

		<b>II RATE SCHEDULES</b>							
		<b>Rates Effective January 1, 2023 – April 30, 2023</b>				<b>Rates Effective May 1, 2023 - October 31, 2023</b>			
		<b>Winter Period</b>				<b>Summer Period</b>			
	<b>Delivery Charge</b>	<b>Cost of Gas Rate Page 95</b>	<b>LDAC Page 101</b>	<b>Total Rate</b>	<b>Delivery Charge</b>	<b>Cost of Gas Rate Page 92</b>	<b>LDAC Page 101</b>	<b>Total Rate</b>	
<b><u>Residential Non Heating - R-1</u></b>									
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39	
All therms	\$ 0.5129	\$ 0.4525	\$ 0.1113	\$ 1.0767	\$ 0.5129	\$ 1.0269	\$ 0.1113	\$ 1.6511	
		<del>\$ -1.3292</del>		<del>\$ -1.9534</del>					
<b><u>Residential Heating - R-3</u></b>									
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39	
Therms in the first block per month at	\$ 0.6519	\$ 0.4525	\$ 0.1113	\$ 1.2157	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901	
		<del>\$ -1.3292</del>		<del>\$ -2.0924</del>					
<b><u>Residential Heating - R-4</u></b>									
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39	
Therms in the first block per month at	\$ 0.3585	\$ 0.2489	\$ 0.1113	\$ 0.7187	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901	
		<del>\$ -0.7311</del>		<del>\$ -1.2009</del>					
<b><u>Commercial/Industrial - G-41</u></b>									
Customer Charge per Month per Meter	\$ 63.30			\$ 63.30	\$ 63.30			\$ 63.30	
Size of the first block									
100 Therms					20 Therms				
Therms in the first block per month at	\$ 0.5088	\$ 0.4526	\$ 0.0890	\$ 1.0504	\$ 0.5088	\$ 1.0271	\$ 0.0890	\$ 1.6249	
		<del>\$ -1.3293</del>		<del>\$ -1.9271</del>					
All therms over the first block per month at	\$ 0.3550	\$ 0.4526	\$ 0.0890	\$ 0.8966	\$ 0.3550	\$ 1.0271	\$ 0.0890	\$ 1.4711	
		<del>\$ -1.3293</del>		<del>\$ -1.7733</del>					
<b><u>Commercial/Industrial - G-42</u></b>									
Customer Charge per Month per Meter	\$ 189.84			\$ 189.84	\$ 189.84			\$ 189.84	
Size of the first block									
1000 Therms					400 Therms				
Therms in the first block per month at	\$ 0.4634	\$ 0.4526	\$ 0.0890	\$ 1.0050	\$ 0.4634	\$ 1.0271	\$ 0.0890	\$ 1.5795	
		<del>\$ -1.3293</del>		<del>\$ -1.8817</del>					
All therms over the first block per month at	\$ 0.3212	\$ 0.4526	\$ 0.0890	\$ 0.8628	\$ 0.3212	\$ 1.0271	\$ 0.0890	\$ 1.4373	
		<del>\$ -1.3293</del>		<del>\$ -1.7395</del>					
<b><u>Commercial/Industrial - G-43</u></b>									
Customer Charge per Month per Meter	\$ 811.98			\$ 811.98	\$ 811.98			\$ 811.98	
All therms over the first block per month at	\$ 0.2863	\$ 0.4526	\$ 0.0890	\$ 0.8279	\$ 0.1441	\$ 1.0271	\$ 0.0890	\$ 1.2602	
		<del>\$ -1.3293</del>		<del>\$ -1.7046</del>					
<b><u>Commercial/Industrial - G-51</u></b>									
Customer Charge per Month per Meter	\$ 63.38			\$ 63.38	\$ 63.38			\$ 63.38	
Size of the first block									
100 Therms					100 Therms				
Therms in the first block per month at	\$ 0.3070	\$ 0.4521	\$ 0.0890	\$ 0.8481	\$ 0.3070	\$ 1.0266	\$ 0.0890	\$ 1.4226	
		<del>\$ -1.3288</del>		<del>\$ -1.7248</del>					
All therms over the first block per month at	\$ 0.2084	\$ 0.4521	\$ 0.0890	\$ 0.7495	\$ 0.2084	\$ 1.0266	\$ 0.0890	\$ 1.3240	
		<del>\$ -1.3288</del>		<del>\$ -1.6262</del>					
<b><u>Commercial/Industrial - G-52</u></b>									
Customer Charge per Month per Meter	\$ 189.57			\$ 189.57	\$ 189.57			\$ 189.57	
Size of the first block									
1000 Therms					1000 Therms				
Therms in the first block per month at	\$ 0.2647	\$ 0.4521	\$ 0.0890	\$ 0.8058	\$ 0.1978	\$ 1.0266	\$ 0.0890	\$ 1.3134	
		<del>\$ -1.3288</del>		<del>\$ -1.6825</del>					
All therms over the first block per month at	\$ 0.1836	\$ 0.4521	\$ 0.0890	\$ 0.7247	\$ 0.1219	\$ 1.0266	\$ 0.0890	\$ 1.2375	
		<del>\$ -1.3288</del>		<del>\$ -1.6014</del>					
<b><u>Commercial/Industrial - G-53</u></b>									
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838.52			\$ 838.52	
All therms over the first block per month at	\$ 0.1851	\$ 0.4521	\$ 0.0890	\$ 0.7262	\$ 0.0968	\$ 1.0266	\$ 0.0890	\$ 1.2124	
		<del>\$ -1.3288</del>		<del>\$ -1.6029</del>					
<b><u>Commercial/Industrial - G-54</u></b>									
Customer Charge per Month per Meter	\$ 839.19			\$ 839.19	\$ 839.19			\$ 839.19	
All therms over the first block per month at	\$ 0.0705	\$ 0.4521	\$ 0.0890	\$ 0.6116	\$ 0.0409	\$ 1.0266	\$ 0.0890	\$ 1.1565	
		<del>\$ -1.3288</del>		<del>\$ -1.4883</del>					

DATED: January ~~13~~24, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~January~~ February 1, 2023

Neil Proudman  
TITLE: President

**24 FIRM RATE SCHEDULES – MANAGED EXPANSION PROGRAM - EXCLUDING  
KEENE CUSTOMERS**

	<b>II RATE SCHEDULES</b>							
	<b>Rates Effective January 1, 2023 – April 30, 2023</b>				<b>Rates Effective May 1, 2023 - October 31, 2023</b>			
	<b>Winter Period</b>				<b>Summer Period</b>			
	<b>Delivery Charge</b>	<b>Cost of Gas Rate Page 95</b>	<b>LDAC Page 101</b>	<b>Total Rate</b>	<b>Delivery Charge</b>	<b>Cost of Gas Rate Page 92</b>	<b>LDAC Page 101</b>	<b>Total Rate</b>
<b><u>Residential Non Heating - R-5</u></b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All therms	\$ 0.6668	\$ 0.4525 <del>\$ -1.3292</del>	\$ 0.1113	\$ 1.2306 <del>\$ -2.1073</del>	\$ 0.6668	\$ 1.0269	\$ 0.1113	\$ 1.8050
<b><u>Residential Heating - R-6</u></b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.8475	\$ 0.4525 <del>\$ -1.3292</del>	\$ 0.1113	\$ 1.4113 <del>\$ -2.2880</del>	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
<b><u>Residential Heating - R-7</u></b>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4661	\$ 0.2489 <del>\$ -0.7311</del>	\$ 0.1113	\$ 0.8263 <del>\$ -1.3085</del>	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
<b><u>Commercial/Industrial - G-44</u></b>								
Customer Charge per Month per Meter	\$ 82.29			\$ 82.29	\$ 82.29			\$ 82.29
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.6614	\$ 0.4526 <del>\$ -1.3293</del>	\$ 0.0890	\$ 1.2030 <del>\$ -2.0797</del>	\$ 0.6614	\$ 1.0271	\$ 0.0890	\$ 1.7775
All therms over the first block per month at	\$ 0.4614	\$ 0.4526 <del>\$ -1.3293</del>	\$ 0.0890	\$ 1.0030 <del>\$ -1.8797</del>	\$ 0.4614	\$ 1.0271	\$ 0.0890	\$ 1.5775
<b><u>Commercial/Industrial - G-45</u></b>								
Customer Charge per Month per Meter	\$ 246.78			\$ 246.78	\$ 246.78			\$ 246.78
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.6023	\$ 0.4526 <del>\$ -1.3293</del>	\$ 0.0890	\$ 1.1439 <del>\$ -2.0206</del>	\$ 0.6023	\$ 1.0271	\$ 0.0890	\$ 1.7184
All therms over the first block per month at	\$ 0.4175	\$ 0.4526 <del>\$ -1.3293</del>	\$ 0.0890	\$ 0.9591 <del>\$ -1.8358</del>	\$ 0.4175	\$ 1.0271	\$ 0.0890	\$ 1.5336
<b><u>Commercial/Industrial - G-46</u></b>								
Customer Charge per Month per Meter	\$ 1,055.58			\$ 1,055.58	\$ 1,055.58			\$ 1,055.58
All therms over the first block per month at	\$ 0.3722	\$ 0.4526 <del>\$ -1.3293</del>	\$ 0.0890	\$ 0.9138 <del>\$ -1.7905</del>	\$ 0.1873	\$ 1.0271	\$ 0.0890	\$ 1.3034
<b><u>Commercial/Industrial - G-55</u></b>								
Customer Charge per Month per Meter	\$ 82.39			\$ 82.39	\$ 82.39			\$ 82.39
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3992	\$ 0.4521 <del>\$ -1.3288</del>	\$ 0.0890	\$ 0.9403 <del>\$ -1.8170</del>	\$ 0.3992	\$ 1.0266	\$ 0.0890	\$ 1.5148
All therms over the first block per month at	\$ 0.2710	\$ 0.4521 <del>\$ -1.3288</del>	\$ 0.0890	\$ 0.8121 <del>\$ -1.6888</del>	\$ 0.2710	\$ 1.0266	\$ 0.0890	\$ 1.3866
<b><u>Commercial/Industrial - G-56</u></b>								
Customer Charge per Month per Meter	\$ 246.43			\$ 246.43	\$ 246.43			\$ 246.43
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.3442	\$ 0.4521 <del>\$ -1.3288</del>	\$ 0.0890	\$ 0.8853 <del>\$ -1.7620</del>	\$ 0.2572	\$ 1.0266	\$ 0.0890	\$ 1.3728
All therms over the first block per month at	\$ 0.2387	\$ 0.4521 <del>\$ -1.3288</del>	\$ 0.0890	\$ 0.7798 <del>\$ -1.6565</del>	\$ 0.1585	\$ 1.0266	\$ 0.0890	\$ 1.2741
<b><u>Commercial/Industrial - G-57</u></b>								
Customer Charge per Month per Meter	\$ 1,090.08			\$ 1,090.08	\$ 1,090.08			\$ 1,090.08
All therms over the first block per month at	\$ 0.2407	\$ 0.4521 <del>\$ -1.3288</del>	\$ 0.0890	\$ 0.7818 <del>\$ -1.6585</del>	\$ 0.1259	\$ 1.0266	\$ 0.0890	\$ 1.2415
<b><u>Commercial/Industrial - G-58</u></b>								
Customer Charge per Month per Meter	\$ 1,090.95			\$ 1,090.95	\$ 1,090.95			\$ 1,090.95
All therms over the first block per month at	\$ 0.0916	\$ 0.4521 <del>\$ -1.3288</del>	\$ 0.0890	\$ 0.6327 <del>\$ -1.5094</del>	\$ 0.0531	\$ 1.0266	\$ 0.0890	\$ 1.1687

DATED: January ~~13~~24, 2023

ISSUED BY: /s/Neil Proudman  
Neil Proudman  
TITLE: President

EFFECTIVE: ~~January~~ February 1, 2023

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045  
and by NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057  
~~and by NHPUC Order No. 26,745 dated December 14, 2022, in Docket No. DE 22-081~~

**30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE  
EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIRM SALES COST OF GAS RATE  
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023  
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 127,589,939	
Projected Prorated Sales (11/01/2022 - 04/30/2023)	92,780,984	
<b>Direct Cost of Gas Rate</b>		\$ 1.3752 per therm
<b>Demand Cost of Gas Rate</b>	\$ 12,510,219	\$ 0.1348 per therm
<b>Commodity Cost of Gas Rate</b>	117,533,374	\$ 1.2668 per therm
<b>Adjustment Cost of Gas Rate</b>	3,568,556	\$ 0.0385 per therm
<b>Hedge Contract (Savings)</b>	(6,022,210)	\$ (0.0649) per therm
<b>Total Direct Cost of Gas Rate</b>	\$ 127,589,939	\$ 1.3752 per therm
Total Anticipated Indirect Cost of Gas	\$ 5,082,758	
Projected Prorated Sales (11/01/2022 - 04/30/2023)	92,780,984	
<b>Indirect Cost of Gas</b>		\$ 0.0548 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22</b>		<b>\$ 1.4300 per therm</b>
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/22</b>	<b>COGwr</b>	<b>\$ 1.4300 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.1749)
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 12/01/22</b>	<b>COGwr</b>	<b>\$ 1.2551 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0741
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 01/01/23</b>	<b>COGwr</b>	<b>\$ 1.3292 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.8767)
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 02/01/23</b>	<b>COGwr</b>	<b>\$ 0.4525 /therm</b>
Maximum (COG + 25%)		\$ 1.7875
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22</b>	<b>COGwr</b>	<b>\$ 0.7865 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.0962)
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 12/01/22</b>	<b>COGwr</b>	<b>\$ 0.6903 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0408
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 01/01/23</b>	<b>COGwr</b>	<b>\$ 0.7311 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.4822)
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 02/01/23</b>	<b>COGwr</b>	<b>\$ 0.2489 /therm</b>
Maximum (COG + 25%)		\$ 0.9831
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/22</b>	<b>COGwh</b>	<b>\$ 1.4301 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.1749)
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 12/01/22</b>	<b>COGwh</b>	<b>\$ 1.2552 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0741
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 01/01/23</b>	<b>COGwh</b>	<b>\$ 1.3293 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.8767)
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 02/01/23</b>	<b>COGwh</b>	<b>\$ 0.4526 /therm</b>
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348	Maximum (COG + 25%) \$ 1.7876
Times: High Winter Use Ratio (Winter)	1.0005	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	\$ 0.1349	
Commodity Cost of Gas Rate	\$ 1.2668	
Adjustment Cost of Gas Rate	\$ 0.0385	
Indirect Cost of Gas Rate	\$ 0.0548	
Hedge Contract (Savings)	\$ (0.0649)	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 1.4301	
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/22</b>	<b>COGwl</b>	<b>\$ 1.4296 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.1749)
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 12/01/22</b>	<b>COGwl</b>	<b>\$ 1.2547 /therm</b>
Change in rate due to revised under/over recovery projection		\$ 0.0741
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 01/01/23</b>	<b>COGwl</b>	<b>\$ 1.3288 /therm</b>
Change in rate due to revised under/over recovery projection		\$ (0.8767)
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 02/01/23</b>	<b>COGwl</b>	<b>\$ 0.4521 /therm</b>
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348	Maximum (COG + 25%) \$ 1.7870
Times: Low Winter Use Ratio (Winter)	0.9971	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	\$ 0.1344	
Commodity Cost of Gas Rate	\$ 1.2668	
Adjustment Cost of Gas Rate	\$ 0.0385	
Indirect Cost of Gas Rate	\$ 0.0548	
Hedge Contract (Savings)	\$ (0.0649)	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 1.4296	

DATED: January 13~~24~~, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January-February 1, 2023

Neil Proudman  
President