

Page	Revision
Title	Original
TOC i	First Revised
TOC ii	Original
TOC iii	First Revised
TOC iv	Original
1	Thirty-fifth Revised
2	Second Revised
3	Thirty-third Revised
4	Thirty-first Revised
5	Second Revised
6	Original
7	Original
8	Original
9	First Revised
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original
25	Original
26	Original

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: January 1, 2023

TITLE: President

<u>Page</u>	<u>Revision</u>
58	Original
59	Second Revised
60	Original
61	Second Revised
62	Original
63	Second Revised
64	Original
65	Second Revised
66	Original
67	Second Revised
68	Original
69	Second Revised
70	Original
71	Second Revised
72	Original
73	Third Revised
74	Original
75	Second Revised
76	Original
77	Second Revised
78	Original
79	Second Revised
80	Original
81	Second Revised
82	Original
83	Second Revised
84	Original
85	Second Revised
86	Original
87	Eighteenth Revised
88	Twentieth Revised
89	Eighteenth Revised

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ISSUED BY: /s/Neil Proudman

Neil Proudman
TITLE: President

<u>Page</u>	<u>Revision</u>
90	Original
91	Second Revised
92	Fourth Revised
93	Eighth Revised
94	Second Revised
95	Ninth Revised
96	Second Revised
97	Seventh Revised
98	Second Revised
99	Second Revised
100	Second Revised
101	Seventh Revised
102	Original
103	Original
104	Original
105	Original
106	Original
107	Original
108	Original
109	Original
110	Original
111	Original
112	Original
113	Original
114	Original
115	Original
116	Original
117	Original
118	Original
119	Original
120	Original
121	Original
122	Original
123	Original

DATED: February 7, 2023

EFFECTIVE: January 1, 2023

ISSUED BY: /s/Neil Proudman

Neil Proudman
TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective January 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
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.5129	\$ 1.3292	\$ 0.1113	\$ 1.9534	\$ 0.5129	\$ 1.0269	\$ 0.1113	\$ 1.6511
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.6519	\$ 1.3292	\$ 0.1113	\$ 2.0924	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.3585	\$ 0.7311	\$ 0.1113	\$ 1.2009	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
<u>Commercial/Industrial - G-41</u>								
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	\$ 1.3293	\$ 0.0890	\$ 1.9271	\$ 0.5088	\$ 1.0271	\$ 0.0890	\$ 1.6249
All therms over the first block per month at	\$ 0.3550	\$ 1.3293	\$ 0.0890	\$ 1.7733	\$ 0.3550	\$ 1.0271	\$ 0.0890	\$ 1.4711
<u>Commercial/Industrial - G-42</u>								
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	\$ 1.3293	\$ 0.0890	\$ 1.8817	\$ 0.4634	\$ 1.0271	\$ 0.0890	\$ 1.5795
All therms over the first block per month at	\$ 0.3212	\$ 1.3293	\$ 0.0890	\$ 1.7395	\$ 0.3212	\$ 1.0271	\$ 0.0890	\$ 1.4373
<u>Commercial/Industrial - G-43</u>								
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	\$ 1.3293	\$ 0.0890	\$ 1.7046	\$ 0.1441	\$ 1.0271	\$ 0.0890	\$ 1.2602
<u>Commercial/Industrial - G-51</u>								
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	\$ 1.3288	\$ 0.0890	\$ 1.7248	\$ 0.3070	\$ 1.0266	\$ 0.0890	\$ 1.4226
All therms over the first block per month at	\$ 0.2084	\$ 1.3288	\$ 0.0890	\$ 1.6262	\$ 0.2084	\$ 1.0266	\$ 0.0890	\$ 1.3240
<u>Commercial/Industrial - G-52</u>								
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	\$ 1.3288	\$ 0.0890	\$ 1.6825	\$ 0.1978	\$ 1.0266	\$ 0.0890	\$ 1.3134
All therms over the first block per month at	\$ 0.1836	\$ 1.3288	\$ 0.0890	\$ 1.6014	\$ 0.1219	\$ 1.0266	\$ 0.0890	\$ 1.2375
<u>Commercial/Industrial - G-53</u>								
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	\$ 1.3288	\$ 0.0890	\$ 1.6029	\$ 0.0968	\$ 1.0266	\$ 0.0890	\$ 1.2124
<u>Commercial/Industrial - G-54</u>								
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	\$ 1.3288	\$ 0.0890	\$ 1.4883	\$ 0.0409	\$ 1.0266	\$ 0.0890	\$ 1.1565

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2023

Neil Proudman
TITLE: President

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

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

II RATE SCHEDULES

	Rates Effective January 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
Residential Non Heating - R-5								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All therms	\$ 0.6668	\$ 1.3292	\$ 0.1113	\$ 2.1073	\$ 0.6668	\$ 1.0269	\$ 0.1113	\$ 1.8050
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.8475	\$ 1.3292	\$ 0.1113	\$ 2.2880	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
Residential Heating - R-7								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4661	\$ 0.7311	\$ 0.1113	\$ 1.3085	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
Commercial/Industrial - G-44								
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	\$ 1.3293	\$ 0.0890	\$ 2.0797	\$ 0.6614	\$ 1.0271	\$ 0.0890	\$ 1.7775
All therms over the first block per month at	\$ 0.4614	\$ 1.3293	\$ 0.0890	\$ 1.8797	\$ 0.4614	\$ 1.0271	\$ 0.0890	\$ 1.5775
Commercial/Industrial - G-45								
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	\$ 1.3293	\$ 0.0890	\$ 2.0206	\$ 0.6023	\$ 1.0271	\$ 0.0890	\$ 1.7184
All therms over the first block per month at	\$ 0.4175	\$ 1.3293	\$ 0.0890	\$ 1.8358	\$ 0.4175	\$ 1.0271	\$ 0.0890	\$ 1.5336
Commercial/Industrial - G-46								
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	\$ 1.3293	\$ 0.0890	\$ 1.7905	\$ 0.1873	\$ 1.0271	\$ 0.0890	\$ 1.3034
Commercial/Industrial - G-55								
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	\$ 1.3288	\$ 0.0890	\$ 1.8170	\$ 0.3992	\$ 1.0266	\$ 0.0890	\$ 1.5148
All therms over the first block per month at	\$ 0.2710	\$ 1.3288	\$ 0.0890	\$ 1.6888	\$ 0.2710	\$ 1.0266	\$ 0.0890	\$ 1.3866
Commercial/Industrial - G-56								
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	\$ 1.3288	\$ 0.0890	\$ 1.7620	\$ 0.2572	\$ 1.0266	\$ 0.0890	\$ 1.3728
All therms over the first block per month at	\$ 0.2387	\$ 1.3288	\$ 0.0890	\$ 1.6565	\$ 0.1585	\$ 1.0266	\$ 0.0890	\$ 1.2741
Commercial/Industrial - G-57								
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	\$ 1.3288	\$ 0.0890	\$ 1.6585	\$ 0.1259	\$ 1.0266	\$ 0.0890	\$ 1.2415
Commercial/Industrial - G-58								
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	\$ 1.3288	\$ 0.0890	\$ 1.5094	\$ 0.0531	\$ 1.0266	\$ 0.0890	\$ 1.1687

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 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	
Direct Cost of Gas Rate		\$ 1.3752 per therm
Demand Cost of Gas Rate	\$ 12,510,219	\$ 0.1348 per therm
Commodity Cost of Gas Rate	117,533,374	\$ 1.2668 per therm
Adjustment Cost of Gas Rate	3,568,556	\$ 0.0385 per therm
Hedge Contract (Savings)	(6,022,210)	\$ (0.0649) per therm
Total Direct Cost of Gas Rate	\$ 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	
Indirect Cost of Gas		\$ 0.0548 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22		\$ 1.4300 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/22	COGwr	\$ 1.4300 /therm
Change in rate due to revised under/over recovery projection		\$ (0.1749)
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 12/01/22	COGwr	\$ 1.2551 /therm
Change in rate due to revised under/over recovery projection		\$ 0.0741
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 01/01/23	COGwr	\$ 1.3292 /therm
	Maximum (COG + 25%)	\$ 1.7875
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22	COGwr	\$ 0.7865 /therm
Change in rate due to revised under/over recovery projection		\$ (0.0962)
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 12/01/22	COGwr	\$ 0.6903 /therm
Change in rate due to revised under/over recovery projection		\$ 0.0408
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 01/01/23	COGwr	\$ 0.7311 /therm
	Maximum (COG + 25%)	\$ 0.9831
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22	COGwh	\$ 1.4301 /therm
Change in rate due to revised under/over recovery projection		\$ (0.1749)
C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22	COGwh	\$ 1.2552 /therm
Change in rate due to revised under/over recovery projection		\$ 0.0741
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23	COGwh	\$ 1.3293 /therm
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	
C&I LOW WINTER USE COST OF GAS RATE - 11/01/22	COGwl	\$ 1.4296 /therm
Change in rate due to revised under/over recovery projection		\$ (0.1749)
C&I LOW WINTER USE COST OF GAS RATE - 12/01/22	COGwl	\$ 1.2547 /therm
Change in rate due to revised under/over recovery projection		\$ 0.0741
C&I LOW WINTER USE COST OF GAS RATE - 01/01/23	COGwl	\$ 1.3288 /therm
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: February 7, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 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

January 01, 2023

Under/(Over) Collection as of 12/01/2022		\$	(6,011,577)
Forecasted firm Residential therm sales 01/01/2023 to 04/30/2023	33,457,700		
Residential Cost of Gas Rate per therm	\$ (1.2551)	\$	(41,992,759)
Forecasted firm Residential (GAP) therm sales 01/01/2023 to 04/30/2023	2,389,320		
Residential (GAP) Cost of Gas Rate per therm	\$ (0.6903)	\$	(1,649,348)
Forecasted firm C&I High Winter Use therm sales 01/01/2023 to 04/30/2023	22,733,750		
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.2552)	\$	(28,535,403)
Forecasted firm C&I Low Winter Use therm sales 01/01/2023 to 04/30/2023	4,444,809		
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.2547)	\$	(5,576,902)
Forecasted firm Residential therm sales 12/2022	9,549,630		
Residential Cost of Gas Rate per therm	\$ (1.2551)	\$	(11,985,741)
Forecasted firm Residential (GAP) therm sales 12/2022	673,650		
Residential (GAP) Cost of Gas Rate per therm	\$ (0.6903)	\$	(465,021)
Forecasted firm C&I High Winter Use therm sales 12/2022	6,423,480		
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.2552)	\$	(8,062,752)
Forecasted firm C&I Low Winter Use therm sales 12/2022	1,270,469		
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.2547)	\$	(1,594,057)
Forecast recovered costs at current rate 12/2022		\$	(99,861,982)
Estimated FPO Premium 12/01/2022 to 04/30/2023		\$	(16,088)
Projected gas costs 12/01/2022 to 04/30/2023		\$	110,655,837
Estimated interest charged (credited) to customers 12/01/2022 to 04/30/2023		\$	(94,974)
Projected under / (over) collection as of 04/30/2023 (A)		\$	4,671,216

Actual Gas Costs through 12/01/2022	\$	15,942,169
Revised projected gas costs 12/01/2022 to 04/30/2023	\$	110,560,863
Estimated total adjusted gas costs 12/01/2022 to 04/30/2023 (B)	\$	126,503,031

Under/ (over) collection as percent of total gas costs (A/B)	3.69%
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Projected under / (over) collection as of 04/30/2023 (A)	\$	4,671,216
Forecasted firm therm sales 01/01/2023 to 04/30/2023		63,025,579
Change in rate used to reduce forecast under/(over) collection	\$	0.0741
Current Cost of Gas Rate 12/2022	\$	1.2551
Revised Cost of Gas Rate	\$	1.3292
Cap - Residential Cost of Gas Rate	\$	1.7875

Revised as follows:

The revised projected gas costs include the December 2022 - April 2023
NYMEX settled strip prices as of December 16, 2022.

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 (Estimate)	Jan-23 (Estimate)	Feb-23 (Estimate)	Mar-23 (Estimate)	Apr-23 (Estimate)	Total Peak Includes prior Under/(Over)	Last Filing 11/23/2022 Including Beginning Balances	Change 12/22/2022
Total Gas Costs	\$ 5,378,797	\$ 3,852,900	\$ 6,227,945	\$ 19,298,295	\$ 29,320,744	\$ 30,662,055	\$ 21,182,870	\$ 5,442,718	\$ 121,366,324	\$ 110,981,101	\$ 10,385,223
Adjustments and Indirect Costs											
Refunds & Adjustments											
COG Bad Debt											
Return on Inventory per DG 20-105			\$ 83,406	\$ 85,935	\$ 85,935	\$ 85,935	\$ 85,935	\$ 85,935	\$ 513,080	\$ 515,609	\$ (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	174,751	174,751	174,751	174,751	174,751	705,091	814,804	(109,713)
Working Capital	(30,998)	(16,939)	24,149	74,902	74,902	74,902	74,902	74,902	350,723	390,109	(39,386)
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	\$ 949,831	\$ 949,831	\$ 949,831	\$ 949,831	\$ 949,831	\$ 5,295,037	\$ 5,405,980	\$ (110,943)
Interest		\$ (8,683)	\$ (54,672)	\$ (43,005)	\$ (40,376)	\$ (14,126)	\$ 7,562	\$ (5,029)	\$ (158,329)	\$ (117,654)	\$ (40,675)
Total Gas Costs plus Indirect Costs	\$ 5,177,233	\$ 3,816,096	\$ 6,948,840	\$ 20,205,121	\$ 30,230,199	\$ 31,597,760	\$ 22,140,263	\$ 6,387,520	\$ 126,503,031	\$ 116,269,426	\$ 10,233,605
Total Actual/Forecasted Sales Volumes (including unbilled)			16,383,192	17,917,229	21,029,207	17,732,977	15,124,179	9,139,216	97,326,000	92,780,984	4,545,016
Total Actual/Forecasted Collections (including unbilled)	\$ 1,356,641	\$ 1,356,641	\$ 20,597,104	\$ 22,109,922	\$ 25,952,690	\$ 21,882,834	\$ 18,665,717	\$ 11,266,907	\$ 121,831,816	\$ 130,430,036	\$ (8,598,221)
Ending Balance	\$ 5,177,233	\$ 7,636,688	\$ (6,011,577)	\$ (7,916,377)	\$ (3,638,869)	\$ 6,076,057	\$ 9,550,603	\$ 4,671,216	\$ 4,671,216	\$ (14,160,610)	\$ 18,831,826
With Rate Adjustment	Apr-22 Under/(Over)	May to Oct-22 (Actual)	Nov-22 (Actual)	Dec-22 (Estimate)	Jan-23 (Estimate)	Feb-23 (Estimate)	Mar-23 (Estimate)	Apr-23 (Estimate)	Total Peak		
Total Gas Costs	\$ 5,378,797	\$ 3,852,900	\$ 6,227,945	\$ 19,298,295	\$ 29,320,744	\$ 30,662,055	\$ 21,182,870	\$ 5,442,718	\$ 121,366,324	\$ 110,981,101	\$ 10,385,223
Adjustments and Indirect Costs											
Refunds & Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt	-	-	-	-	-	-	-	-	-	-	-
Inventory Financing	-	-	83,406	85,935	85,935	85,935	85,935	85,935	513,080	515,609	(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	174,751	174,751	174,751	174,751	174,751	705,091	814,804	(109,713)
Working Capital	(30,998)	(16,939)	24,149	74,902	74,902	74,902	74,902	74,902	350,723	390,109	(39,386)
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	\$ 949,831	\$ 949,831	\$ 949,831	\$ 949,831	\$ 949,831	\$ 5,295,037	\$ 5,405,980	\$ (110,943)
Interest	-	(8,683)	(54,672)	(43,005)	(40,376)	(14,126)	7,562	(5,029)	(158,329)	(117,654)	(40,675)
Total Gas Costs plus Indirect Costs	\$ 5,177,233	\$ 3,816,096	\$ 6,948,840	\$ 20,205,121	\$ 30,230,199	\$ 31,597,760	\$ 22,140,263	\$ 6,387,520	\$ 126,503,031	\$ 116,269,426	\$ 10,233,605
Total Actual/Forecasted Sales Volumes (including unbilled)			16,383,192	17,917,229	21,029,207	17,732,977	15,124,179	9,139,216	97,326,000	92,780,984	4,545,016
Total Actual/Forecasted Collections (including unbilled)	\$ 1,356,641	\$ 1,356,641	\$ 20,597,104	\$ 22,109,922	\$ 27,484,706	\$ 23,174,558	\$ 19,767,557	\$ 11,931,959	\$ 126,422,447	\$ 116,514,195	\$ 9,908,252
Ending Balance	\$ 5,177,233	\$ 7,636,688	\$ (6,011,577)	\$ (7,916,378)	\$ (5,170,885)	\$ 3,252,317	\$ 5,625,023	\$ 80,584	\$ 80,584	\$ (244,769)	\$ 325,353

<u>Page</u>	<u>Revision</u>
Title	Original
TOC i	First Revised
TOC ii	Original
TOC iii	First Revised
TOC iv	Original
1	Thirty- fourth-fifth Revised
2	Second Revised
3	Thirty- second-third Revised
4	Thirtieth-Thirty-first Revised
5	Second Revised
6	Original
7	Original
8	Original
9	First Revised
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original
25	Original
26	Original

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~December 1, 2022~~ January 1, 2023

TITLE: President

<u>Page</u>	<u>Revision</u>
58	Original
59	Second Revised
60	Original
61	Second Revised
62	Original
63	Second Revised
64	Original
65	Second Revised
66	Original
67	Second Revised
68	Original
69	Second Revised
70	Original
71	Second Revised
72	Original
73	Third Revised
74	Original
75	Second Revised
76	Original
77	Second Revised
78	Original
79	Second Revised
80	Original
81	Second Revised
82	Original
83	Second Revised
84	Original
85	Second Revised
86	Original
87	Seventeenth ^{Eighteenth} Revised
88	Twentieth Revised
89	Seventeenth ^{Eighteenth} Revised

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~December 1, 2022~~^{January 1, 2023}

Neil Proudman
TITLE: President

<u>Page</u>	<u>Revision</u>
90	Original
91	Second Revised
92	Fourth Revised
93	Eighth Revised
94	Second Revised
95	Eighth-Ninth Revised
96	Second Revised
97	Seventh Revised
98	Second Revised
99	Second Revised
100	Second Revised
101	Seventh Revised
102	Original
103	Original
104	Original
105	Original
106	Original
107	Original
108	Original
109	Original
110	Original
111	Original
112	Original
113	Original
114	Original
115	Original
116	Original
117	Original
118	Original
119	Original
120	Original
121	Original
122	Original
123	Original

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~December 1, 2022~~January 1, 2023

TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

		II RATE SCHEDULES							
		Rates Effective December 1, 2022 – April 30, 2023				Rates Effective May 1, 2023 - October 31, 2023			
		Rates Effective January 1, 2023 - April 30, 2023				Rates Effective May 1, 2023 - October 31, 2023			
		Winter Period				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
Residential Non Heating - R-1									
Customer Charge per Month per Meter		\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms		\$ 0.5129	\$ 1.3292	\$ 0.1113	\$ 1.9534	\$ 0.5129	\$ 1.0269	\$ 0.1113	\$ 1.6511
			\$ -1.2554	\$ -0.1086	\$ -1.8766		\$ 1.0269	\$ -0.1086	\$ -1.6484
Residential Heating - R-3									
Customer Charge per Month per Meter		\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Therms in the first block per month at		\$ 0.6519	\$ 1.3292	\$ 0.1113	\$ 2.0924	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
			\$ -1.2554	\$ -0.1086	\$ -2.0456		\$ 1.0269	\$ -0.1086	\$ -1.7874
Residential Heating - R-4									
Customer Charge per Month per Meter		\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Therms in the first block per month at		\$ 0.3585	\$ 0.7311	\$ 0.1113	\$ 1.2009	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
			\$ -0.6903	\$ -0.1086	\$ -1.1574		\$ 1.0269	\$ -0.1086	\$ -1.7874
Commercial/Industrial - G-41									
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	\$ 1.3293	\$ 0.0890	\$ 1.9271	\$ 0.5088	\$ 1.0271	\$ 0.0890	\$ 1.6249
			\$ -1.2552	\$ -0.0872	\$ -1.8542		\$ 1.0271	\$ -0.0872	\$ -1.6234
All therms over the first block per month at		\$ 0.3550	\$ 1.3293	\$ 0.0890	\$ 1.7733	\$ 0.3550	\$ 1.0271	\$ 0.0890	\$ 1.4711
			\$ -1.2552	\$ -0.0872	\$ -1.6974		\$ 1.0271	\$ -0.0872	\$ -1.4693
Commercial/Industrial - G-42									
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	\$ 1.3293	\$ 0.0890	\$ 1.8817	\$ 0.4634	\$ 1.0271	\$ 0.0890	\$ 1.5795
			\$ -1.2552	\$ -0.0872	\$ -1.9058		\$ 1.0271	\$ -0.0872	\$ -1.5777
All therms over the first block per month at		\$ 0.3212	\$ 1.3293	\$ 0.0890	\$ 1.7395	\$ 0.3212	\$ 1.0271	\$ 0.0890	\$ 1.4373
			\$ -1.2552	\$ -0.0872	\$ -1.6636		\$ 1.0271	\$ -0.0872	\$ -1.4356
Commercial/Industrial - G-43									
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	\$ 1.3293	\$ 0.0890	\$ 1.7046	\$ 0.1441	\$ 1.0271	\$ 0.0890	\$ 1.2602
			\$ -1.2552	\$ -0.0872	\$ -1.6287		\$ 1.0271	\$ -0.0872	\$ -1.2584
Commercial/Industrial - G-51									
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	\$ 1.3288	\$ 0.0890	\$ 1.7248	\$ 0.3070	\$ 1.0266	\$ 0.0890	\$ 1.4226
			\$ -1.2547	\$ -0.0872	\$ -1.6489		\$ 1.0266	\$ -0.0872	\$ -1.4208
All therms over the first block per month at		\$ 0.2084	\$ 1.3288	\$ 0.0890	\$ 1.6262	\$ 0.2084	\$ 1.0266	\$ 0.0890	\$ 1.3240
			\$ -1.2547	\$ -0.0872	\$ -1.5503		\$ 1.0266	\$ -0.0872	\$ -1.3222
Commercial/Industrial - G-52									
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	\$ 1.3288	\$ 0.0890	\$ 1.6825	\$ 0.1978	\$ 1.0266	\$ 0.0890	\$ 1.3134
			\$ -1.2547	\$ -0.0872	\$ -1.6066		\$ 1.0266	\$ -0.0872	\$ -1.3116
All therms over the first block per month at		\$ 0.1836	\$ 1.3288	\$ 0.0890	\$ 1.6014	\$ 0.1219	\$ 1.0266	\$ 0.0890	\$ 1.2375
			\$ -1.2547	\$ -0.0872	\$ -1.5255		\$ 1.0266	\$ -0.0872	\$ -1.2357
Commercial/Industrial - G-53									
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	\$ 1.3288	\$ 0.0890	\$ 1.6029	\$ 0.0968	\$ 1.0266	\$ 0.0890	\$ 1.2124
			\$ -1.2547	\$ -0.0872	\$ -1.5270		\$ 1.0266	\$ -0.0872	\$ -1.2106
Commercial/Industrial - G-54									
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	\$ 1.3288	\$ 0.0890	\$ 1.4883	\$ 0.0409	\$ 1.0266	\$ 0.0890	\$ 1.1565
			\$ -1.2547	\$ -0.0872	\$ -1.4124		\$ 1.0266	\$ -0.0872	\$ -1.1547

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~December 1, 2022~~ January 1, 2023

TITLE: President

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

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

		II RATE SCHEDULES							
		Rates Effective December 1, 2022 – April 30, 2023				Rates Effective May 1, 2023 - October 31, 2023			
		Rates Effective January 1, 2023 - April 30, 2023				Winter Period			
						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	
Residential Non Heating - R-5									
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01	
All therms	\$ 0.6668	\$ 1.3292	\$ 0.1113	\$ 2.1073	\$ 0.6668	\$ 1.0269	\$ 0.1113	\$ 1.8050	
		\$ -1.2554	\$ -0.1086	\$ -2.0305		\$ -1.0269	\$ -0.1086	\$ -1.8023	
Residential Heating - R-6									
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01	
Therms in the first block per month at	\$ 0.8475	\$ 1.3292	\$ 0.1113	\$ 2.2880	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857	
		\$ -1.2554	\$ -0.1086	\$ -2.2112		\$ -1.0269	\$ -0.1086	\$ -1.9830	
Residential Heating - R-7									
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01	
Therms in the first block per month at	\$ 0.4661	\$ 0.7311	\$ 0.1113	\$ 1.3085	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857	
		\$ -0.6903	\$ -0.1086	\$ -1.2650		\$ -1.0269	\$ -0.1086	\$ -1.9830	
Commercial/Industrial - G-44									
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	\$ 1.3293	\$ 0.0890	\$ 2.0797	\$ 0.6614	\$ 1.0271	\$ 0.0890	\$ 1.7775	
		\$ -1.2552	\$ -0.0872	\$ -2.0038		\$ -1.0271	\$ -0.0872	\$ -1.7757	
All therms over the first block per month at	\$ 0.4614	\$ 1.3293	\$ 0.0890	\$ 1.8797	\$ 0.4614	\$ 1.0271	\$ 0.0890	\$ 1.5775	
		\$ -1.2552	\$ -0.0872	\$ -1.8038		\$ -1.0271	\$ -0.0872	\$ -1.5757	
Commercial/Industrial - G-45									
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	\$ 1.3293	\$ 0.0890	\$ 2.0206	\$ 0.6023	\$ 1.0271	\$ 0.0890	\$ 1.7184	
		\$ -1.2552	\$ -0.0872	\$ -1.9447		\$ -1.0271	\$ -0.0872	\$ -1.7466	
All therms over the first block per month at	\$ 0.4175	\$ 1.3293	\$ 0.0890	\$ 1.8358	\$ 0.4175	\$ 1.0271	\$ 0.0890	\$ 1.5336	
		\$ -1.2552	\$ -0.0872	\$ -1.7599		\$ -1.0271	\$ -0.0872	\$ -1.5318	
Commercial/Industrial - G-46									
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	\$ 1.3293	\$ 0.0890	\$ 1.7905	\$ 0.1873	\$ 1.0271	\$ 0.0890	\$ 1.3034	
		\$ -1.2552	\$ -0.0872	\$ -1.7146		\$ -1.0271	\$ -0.0872	\$ -1.3016	
Commercial/Industrial - G-55									
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	\$ 1.3288	\$ 0.0890	\$ 1.8170	\$ 0.3992	\$ 1.0266	\$ 0.0890	\$ 1.5148	
		\$ -1.2547	\$ -0.0872	\$ -1.7411		\$ -1.0266	\$ -0.0872	\$ -1.5130	
All therms over the first block per month at	\$ 0.2710	\$ 1.3288	\$ 0.0890	\$ 1.6888	\$ 0.2710	\$ 1.0266	\$ 0.0890	\$ 1.3866	
		\$ -1.2547	\$ -0.0872	\$ -1.6129		\$ -1.0266	\$ -0.0872	\$ -1.3848	
Commercial/Industrial - G-56									
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	\$ 1.3288	\$ 0.0890	\$ 1.7620	\$ 0.2572	\$ 1.0266	\$ 0.0890	\$ 1.3728	
		\$ -1.2547	\$ -0.0872	\$ -1.6861		\$ -1.0266	\$ -0.0872	\$ -1.3710	
All therms over the first block per month at	\$ 0.2387	\$ 1.3288	\$ 0.0890	\$ 1.6565	\$ 0.1585	\$ 1.0266	\$ 0.0890	\$ 1.2741	
		\$ -1.2547	\$ -0.0872	\$ -1.5806		\$ -1.0266	\$ -0.0872	\$ -1.2723	
Commercial/Industrial - G-57									
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	\$ 1.3288	\$ 0.0890	\$ 1.6585	\$ 0.1259	\$ 1.0266	\$ 0.0890	\$ 1.2415	
		\$ -1.2547	\$ -0.0872	\$ -1.5826		\$ -1.0266	\$ -0.0872	\$ -1.2397	
Commercial/Industrial - G-58									
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	\$ 1.3288	\$ 0.0890	\$ 1.5094	\$ 0.0531	\$ 1.0266	\$ 0.0890	\$ 1.1687	
		\$ -1.2547	\$ -0.0872	\$ -1.4335		\$ -1.0266	\$ -0.0872	\$ -1.1669	

DATED: February 7, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~December 1, 2022~~ January 1, 2023

TITLE: President

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057, and NHPUC Ni/Si 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	
Direct Cost of Gas Rate			\$ 1.3752 per therm
Demand Cost of Gas Rate		\$ 12,510,219	\$ 0.1348 per therm
Commodity Cost of Gas Rate		117,533,374	\$ 1.2668 per therm
Adjustment Cost of Gas Rate		3,568,556	\$ 0.0385 per therm
Hedge Contract (Savings)		(6,022,210)	\$ (0.0649) per therm
Total Direct Cost of Gas Rate		\$ 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	
Indirect Cost of Gas			\$ 0.0548 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22			\$ 1.4300 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/22	COGwr		\$ 1.4300 /therm
Change in rate due to revised under/over recovery projection			\$ (0.1749)
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 12/01/22	COGwr		\$ 1.2551 /therm
Change in rate due to revised under/over recovery projection			\$ 0.0741
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 01/01/23	COGwr		\$ 1.3292 /therm
	Maximum (COG + 25%)		\$ 1.7875
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22	COGwr		\$ 0.7865 /therm
Change in rate due to revised under/over recovery projection			\$ (0.0962)
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 12/01/22	COGwr		\$ 0.6903 /therm
Change in rate due to revised under/over recovery projection			\$ 0.0408
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 01/01/23	COGwr		\$ 0.7311 /therm
	Maximum (COG + 25%)		\$ 0.9831
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22	COGwh		\$ 1.4301 /therm
Change in rate due to revised under/over recovery projection			\$ (0.1749)
C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22	COGwh		\$ 1.2552 /therm
Change in rate due to revised under/over recovery projection			\$ 0.0741
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23	COGwh		\$ 1.3293 /therm
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		
C&I LOW WINTER USE COST OF GAS RATE - 11/01/22	COGwl		\$ 1.4296 /therm
Change in rate due to revised under/over recovery projection			\$ (0.1749)
C&I LOW WINTER USE COST OF GAS RATE - 12/01/22	COGwl		\$ 1.2547 /therm
Change in rate due to revised under/over recovery projection			\$ 0.0741
C&I LOW WINTER USE COST OF GAS RATE - 01/01/23	COGwl		\$ 1.3288 /therm
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: February 7, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~December 1, 2022~~ January 1, 2023

TITLE: President