<u>Page</u>	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 Neil Proudr President

<u>Page</u>	Revision
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

DATED: February 7, 2023 ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman

EFFECTIVE: January 1, 2023 Reil Proudma President Proudma

<u>Page</u>	Revision									
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 ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: January 1, 2023 Neil Proudman

TITLE: President

### 22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

#### **II RATE SCHEDULES**

	R	ates Effe	ctiv	e January Winter		2023 - Ap riod	ril 3	0, 2023	Rates Effective May 1, 2023 - October 31, 20 Summer Period											
		elivery Charge	G	Cost of Gas Rate <u>Page 95</u>		LDAC Page 101		Total <u>Rate</u>		elivery Charge	G	Cost of Gas Rate Page 92		LDAC age 101		Total Rate				
Residential Non Heating - R-1 Customer Charge per Month per Meter All therms		15.39 0.5129	\$	1.3292	\$	0.1113	\$	15.39 1.9534	\$ \$	15.39 0.5129	\$	1.0269	\$	0.1113	\$ \$	15.39 1.6511				
Residential Heating - R-3 Customer Charge per Month per Meter Therms in the first block per month at	\$	15.39 0.6519	\$	1.3292	\$	0.1113	\$	15.39 2.0924	\$ \$	15.39 0.6519	\$	1.0269	\$	0.1113	\$ \$	15.39 1.7901				
Residential Heating - R-4 Customer Charge per Month per Meter Therms in the first block per month at	\$	8.47 0.3585	\$	0.7311	\$	0.1113	\$ \$	8.47 1.2009	\$ \$	15.39 0.6519	\$	1.0269	\$	0.1113	\$ \$	15.39 1.7901				
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 100 \$	63.30 Thems 0.5088	\$	1.3293	\$	0.0890	\$	63.30 1.9271	\$ 20 1 \$	63.30 Therms 0.5088	\$	1.0271	\$	0.0890	\$	63.30 1.6249				
All therms over the first block per month at  Commercial/Industrial - G-42  Customer Charge per Month per Meter	\$	0.3550	\$	1.3293	\$	0.0890	\$	1.7733	\$	0.3550	\$	1.0271	\$	0.0890	\$	1.4711				
Size of the first block Therms in the first block per month at All therms over the first block per month at	-	0 Therms 0.4634 0.3212	\$	1.3293 1.3293	\$	0.0890 0.0890	\$ \$	1.8817 1.7395	-	Therms 0.4634 0.3212	\$ \$	1.0271 1.0271	\$	0.0890 0.0890	\$ \$	1.5795 1.4373				
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	811.98 0.2863	\$	1.3293	\$	0.0890	\$	811.98 1.7046	\$ \$	811.98 0.1441	\$	1.0271	\$	0.0890	\$	811.98 1.2602				
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 100 \$	63.38 Therms 0.3070	\$	1.3288	\$	0.0890	\$	63.38 1.7248	\$ 100 \$	63.38 Therms 0.3070	\$	1.0266	\$	0.0890	\$	63.38 1.4226				
All therms over the first block per month at  Commercial/Industrial - G-52  Customer Charge per Month per Meter	\$	0.2084	\$	1.3288	\$	0.0890	\$	1.6262	\$	0.2084	\$	1.0266	\$	0.0890	\$	1.3240				
Size of the first block Therms in the first block per month at All therms over the first block per month at	-	0 Therms 0.2647 0.1836	\$	1.3288 1.3288	\$	0.0890 0.0890	\$	1.6825 1.6014	-	0 Thems 0.1978 0.1219	\$ \$	1.0266 1.0266	\$	0.0890 0.0890	\$ \$	1.3134 1.2375				
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	838.52 0.1851	\$	1.3288	\$	0.0890	\$	838.52 1.6029	\$ \$	838.52 0.0968	\$	1.0266	\$	0.0890	\$	838.52 1.2124				
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	839.19 0.0705	\$	1.3288	\$	0.0890	\$ \$	839.19 1.4883	\$ \$	839.19 0.0409	\$	1.0266	\$	0.0890	\$ \$	839.19 1.1565				

February 7, 2023 DATED: ISSUED BY: /s/Neil Proudman

Neil Proudman

EFFECTIVE: January 1, 2023 TITLE: President

# 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												
		elivery Charge	G	ost of as Rate age 95		LDAC age 101		Total <u>Rate</u>		elivery Charge	G	Cost of as Rate age 92		LDAC age 101		Total <u>Rate</u>						
Residential Non Heating - R-5 Customer Charge per Month per Meter All therms	\$ \$	20.01 0.6668	\$	1.3292	\$	0.1113	\$	20.01 2.1073	\$	20.01 0.6668	\$	1.0269	\$	0.1113	\$ \$	20.01 1.8050						
Residential Heating - R-6 Customer Charge per Month per Meter Therms in the first block per month at	\$	20.01 0.8475	\$	1.3292	\$	0.1113	\$ \$	20.01 2.2880	\$	20.01 0.8475	\$	1.0269	\$	0.1113	\$ \$	20.01 1.9857						
Residential Heating - R-7 Customer Charge per Month per Meter Therms in the first block per month at	\$	11.01 0.4661	\$	0.7311	\$	0.1113	\$	11.01 1.3085	\$	20.01 0.8475	\$	1.0269	\$	0.1113	\$	20.01 1.9857						
Commercial/Industrial - G-44 Customer Charge per Month per Meter Size of the first block		82.29 Therms					\$	82.29		82.29 Therms					\$	82.29						
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.6614 0.4614	\$	1.3293 1.3293	\$ \$	0.0890 0.0890	\$	2.0797 1.8797	\$ \$	0.6614 0.4614	\$ \$	1.0271 1.0271	\$ \$	0.0890 0.0890	\$	1.7775 1.5775						
Commercial/Industrial - G-45 Customer Charge per Month per Meter Size of the first block		246.78 0 Therms					\$	246.78		246.78 Therms					\$	246.78						
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.6023 0.4175	\$ \$	1.3293 1.3293	\$ \$	0.0890 0.0890	\$	2.0206 1.8358	\$ \$	0.6023 0.4175	\$ \$	1.0271 1.0271	\$ \$	0.0890 0.0890	\$ \$	1.7184 1.5336						
Commercial/Industrial - G-46 Customer Charge per Month per Meter All therms over the first block per month at	\$	1,055.58 0.3722	\$	1.3293	\$	0.0890	\$	1,055.58 1.7905	\$	1,055.58 0.1873	\$	1.0271	\$	0.0890	\$	1,055.58 1.3034						
Commercial/Industrial - G-55 Customer Charge per Month per Meter Size of the first block	\$ 100	82.39 Therms					\$	82.39	\$ 10	82.39 Therms					\$	82.39						
Therms in the first block per month at All therms over the first block per month at	\$	0.3992 0.2710	\$ \$	1.3288 1.3288	\$ \$	0.0890 0.0890	\$ \$	1.8170 1.6888	\$	0.3992 0.2710	\$ \$	1.0266 1.0266	\$ \$	0.0890 0.0890	\$ \$	1.5148 1.3866						
Commercial/Industrial - G-56 Customer Charge per Month per Meter Size of the first block	\$ 100	246.43 0 Therms					\$	246.43	\$ 10	246.43 00 Therms					\$	246.43						
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.3442 0.2387	\$ \$	1.3288 1.3288	\$ \$	0.0890 0.0890	\$ \$	1.7620 1.6565	\$ \$	0.2572 0.1585	\$ \$	1.0266 1.0266	\$ \$	0.0890 0.0890	\$ \$	1.3728 1.2741						
Commercial/Industrial - G-57 Customer Charge per Month per Meter All therms over the first block per month at	\$	1,090.08 0.2407	\$	1.3288	\$	0.0890	\$	1,090.08 1.6585	\$ \$	1,090.08 0.1259	\$	1.0266	\$	0.0890	\$	1,090.08 1.2415						
Commercial/Industrial - G-58 Customer Charge per Month per Meter All therms over the first block per month at	\$	1,090.95 0.0916	\$	1.3288	\$	0.0890	\$ \$	1,090.95 1.5094	\$ \$	1,090.95 0.0531	\$	1.0266	\$	0.0890	\$ \$	1,090.95 1.1687						

DATED: February 7, 2023 ISSUED BY: /s/Neil Proudman

Neil Proudman EFFECTIVE: January 1, 2023 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 Antic ipated Direct Cost of Gas Projected Prorated Sales (11/01/2022 - 04/30/2023) Direct Cost of Gas Rate		\$	127,589,939 92,780,984	\$	1.3752	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Hedge Contract (Savings) Total Direct Cost of Gas Rate		\$	12,510,219 117,533,374 3,568,556 (6,022,210) 127,589,939	\$ \$ \$	1.2668 0.0385 (0.0649)	per therm per therm per therm per therm per therm
Total Antic ipated Indirect Cost of Gas Projected Prorated Sales (11/01/2022 - 04/30/2023) Indirect Cost of Gas		\$	5,082,758 92,780,984	\$	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	!	coo	iwr	\$		/therm
Change in rate due to revised under/over recovery projection				\$	(0.1749)	
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 12/01/22	!	cog	iwr	\$		/therm
Change in rate due to revised under/over recovery projection		606		\$	0.0741	/Alacarea
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 01/01/23	1	cog	iwr	\$	1.3292	/therm
		Maximum (CO	3 + 25%)	\$	1.7875	
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22	2	COG	iwr	\$		/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	2	COG	iwr	\$		/therm
Change in rate due to revised under/over recovery projection				\$	0.0408	/41
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 01/01/23	)	COG	WI	\$	0.7311	/therm
		Maximum (CO	G + 25%)	\$	0.9831	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22		COG	iwh	\$	1.4301	/therm
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22 Change in rate due to revised under/over recovery projection		COG	iwh	_	(0.1749)	
		cog		_	(0.1749)	
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection				\$	(0.1749) <b>1.2552</b> 0.0741	/therm
Change in rate due to revised under/over recovery projection C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22			iwh	\$	(0.1749) <b>1.2552</b> 0.0741	
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection	\$ 0.1348 1.0005 1.0001 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649) \$ 1.4301	coo	iwh	\$ \$	(0.1749) <b>1.2552</b> 0.0741	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)	1.0005 1.0001 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649)	COG	iwh iwh 3 + 25%)	\$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&ILOW WINTER USE COST OF GAS RATE - 11/01/22	1.0005 1.0001 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649)	COG Maximum (COG	iwh iwh 3 + 25%)	\$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876	/therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection	1.0005 1.0001 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649)	COG	iwh iwh (3 + 25%)	\$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876	/therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&ILOW WINTER USE COST OF GAS RATE - 11/01/22	1.0005 1.0001 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649)	COG Maximum (COG	iwh iwh (3 + 25%)	\$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876	/therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22	1.0005 1.0001 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649)	COG	iwh  iwh  3 + 25%)	\$ \$ \$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741	/therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate	\$ 0.1348 \$ 0.005 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649) \$ 1.4301 \$ 0.1348 0.9971 1.0001 \$ 0.1344 \$ 1.2668 \$ 0.0385 \$ 0.0548	COG	iwh iwh is + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Commodity Cost of Gas Rate	\$ 0.1348 \$ 0.005 \$ 0.1349 \$ 1.2668 \$ 0.0385 \$ 0.0548 \$ (0.0649) \$ 1.4301 \$ 0.1348 0.9971 1.0001 \$ 0.1344 \$ 1.2668 \$ 0.0385 \$ 0.0548	COG  COG  COG	iwh iwh is + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm

DATED: February 7, 2023 ISSUED BY: /s/Neil Proudman

Neil Proudman

EFFECTIVE: January 1, 2023 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	

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

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 Revised Cost of Gas Rate Cap - Residential Cost of Gas Rate	\$ \$ \$	1.2551 1.3292 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	May to C	)ct-22		Nov-22		Dec-22		Jan-23		Feb-23		Mar-23		Apr-23		Total Peak		Last Filing		Change
William Rate / Lajastinent		ding Balance	(Actu			(Actual)		(Estimate)		(Estimate)		(Estimate)		(Estimate)		(Estimate)		ncludes prior		11/23/2022	4	12/22/2022
		der/(Over)	(,,,,,,,	u.,		(Fiorage)		(Loumato)	,	(Loumato)		(Louinato)		(Louinato)		(Lournato)		Under/(Over)		Including Begin		
Total Gas Costs	\$	5,378,797	\$ 3,85	2,900	\$	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
10111 040 0000	Ĭ *	0,0.0,.0.	φ 0,00	2,000	Ψ.	0,227,010	۳	.0,200,200	Ψ.	20,020,1	۳	00,002,000	•	21,102,010	•	0, 112,110	Ψ.	121,000,021	۳	,	Ψ.	.0,000,220
Adjustments and Indirect Costs																						
Refunds & Adjustments																						
COG Bad Debt																						
Return on Inventory per DG 20-105					\$	83,406	¢	85,935	¢	85,935	¢	85,935	œ	85,935	œ	85,935	œ	513,080	œ	515,609	æ	(2,528
Transportation Revenue					φ	03,400	φ	05,955	φ	05,955	φ	05,955	φ	05,955	φ	05,955	φ	313,000	φ	313,009	φ	(2,520
Broker Revenue								-		-		-		-		-		-				-
Off System and Capacity Release								-		-		-		-		-		-				-
				0.005				-		-		-		-		-		40.005				40,685
Fixed Price Option Admin.		(470 505 5)		0,685		-		-		-		-		-		-		40,685		044.004		
Bad Debt Costs		(170,565.5)		1,867)		53,768		174,751		174,751		174,751		174,751		174,751		705,091		814,804		(109,713
Working Capital		(30,998)	(1	6,939)		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	Ļ	3,685,458		<u>-</u>
Total Indirect Costs	\$	(201,564)	\$ (2	8,121)	\$	775,567	\$	949,831	\$	949,831	\$	949,831	\$	949,831	\$	949,831	\$	5,295,037	\$	5,405,980	\$	(110,943
																			١.			
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	\$ 3,81	6,096	\$	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 (in						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 (inclu-	ding u	ınbilled)	\$ 1,35	6,641	\$	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	\$ 7,63	6,688	\$	(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	May to C	Oct-22		Nov-22		Dec-22		Jan-23		Feb-23		Mar-23		Apr-23						
	Un	der/(Over)	(Actu	al)		(Actual)		(Estimate)	(	(Estimate)		(Estimate)		(Estimate)		(Estimate)		Total Peak				
		, ,	,	,																		
Total Gas Costs	\$	5,378,797	\$ 3,85	2,900	\$	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.		-	4	0.685		_		_		_		_		_		_		40.685		_		40.685
Bad Debt Costs		(170,566)		1,867)		53,768		174,751		174,751		174,751		174,751		174,751		705,091		814,804		(109,713
Working Capital		(30,998)		6,939)		24,149		74,902		74,902		74,902		74,902		74,902		350,723		390,109		(39,386
Misc Overhead		(22,230)	l (,	-		,		,		,		,		,		,		,-20		-		(00,000
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)	\$ 12	8,121)	\$	775,567	\$	- , .	\$	949,831	\$	949,831	\$	949,831	\$	949,831	\$	5,295,037	\$	-,,	\$	(110,943
	*	(20.,004)	- \2	-, /)	*	0,001	۳	0.0,001	Ψ	0.0,001	Ψ	0.0,001	Ÿ	0.0,001	Ť	0.0,001	Ť	0,200,001	*	5, .00,000	Ψ	(,040
Interest	1	_	1	8,683)		(54,672)		(43,005)		(40,376)		(14,126)		7,562		(5,029)	\$	(158,329)	\$	(117,654)	\$	(40,675
			l '	(5,000)		(04,072)		(40,000)		(40,070)		(14,120)		7,002		(0,029)	Ψ	(100,020)	Ψ	(117,004)	Ψ	(-10,070
Total Gas Costs plus Indirect Costs	\$	5,177,233	3 21	6,096	_	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 Gua Goata piua iliulieot Goata	Ψ	0,111,200	3,01	0,000		0,040,040		20,200,121		00,200,100		01,001,100		22,170,200		0,007,020	Ψ	120,000,001	Ψ	110,200,420	Ψ	10,233,000
Total Actual/Forecasted Sales Volumes (ii	l neludi:	na unhilled)				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
	iiciudli	ng unblied)	ı			10,303,192		17,917,229		Z1,UZ9,ZU/		11,132,911		13,124,179		5. ISS.Z ID		91,320,000		52,100,584		
	dina ··	(اممالنطمر	¢ 405	C C 1 1	¢.	20 507 404	¢.	22 100 022	Φ.	27 404 700	¢.	22 474 552	¢.	10 767 FF7	œ.		œ.	106 400 447	¢.	116 514 105	Φ.	0.000.000
Total Actual/Forecasted Collections (included Ending Balance	ding u	inbilled) 5,177,233		- , -	\$	20,597,104 (6,011,577)	_	, , .	\$	27,484,706 (5,170,885)	\$	23,174,558 3,252,317	\$	19,767,557 5,625,023	\$	11,931,959 80,584		126,422,447 80,584		116,514,195 (244,769)		9,908,252 325,353

<u>Page</u>	Revision
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: <u>/s/Neil Proudman</u>

Neil Proudman
TITLE: President

EFFECTIVE: December 1, 2022 January 1, 2023

Page	Revision
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: <u>/s/Neil Proudman</u>

EFFECTIVE: December 1, 2022 January 1, 2023

Neil Proudman TITLE: President

<u>Page</u>	Revision
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
TITLE: President

### 22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

#### **II RATE SCHEDULES**

					y 1,	<del>, <mark>2022 - A</mark></del> 2023 - Ap riod			F	Rates Effe	ectiv	ve May 1, Summe		3 - Octobe riod	er 31	1, 2023
		elivery Charge	G	Cost of Sas Rate Page 95	<u>P</u>	LDAC Page 101		Total Rate		elivery Charge	G	Cost of as Rate Page 92		LDAC age 101		Total <u>Rate</u>
Residential Non Heating - R-1	45	18 in Card					45	100 189	45	155,089					43	15a 189
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
Desidential Heatier B 2			\$	1.2551	\$	0.1086	\$	1.8766					\$	<del>0.1086</del>	\$_	1.6484
Residential Heating - R-3	\$	15.39					\$	15.39	\$	15.39					\$	15.39
Customer Charge per Month per Meter Therms in the first block per month at	\$	0.6519	\$	1.3292	\$	0.1113	\$	2.0924	\$	0.6519	\$	1.0269	\$	0.1113	\$	1.7901
mans in the hist block partibilitiat	4	0.0019	Š	1.2551	\$	0.1113	Š.	2.0324 2.0156	5	0.0519	9	1.0203	Š.	0.1113	š_	1.7874
Residential Heating - R-4			•	1.2001	•	0.1000	43	83.654					•	0. 1000		1156 (89)
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
	4		\$	0.6903	\$	0.1086	\$	1.1574	40		4		\$	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	Thems							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	\$	1.8512					\$	0.0872	\$	1.6231
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	\$	<del> 1.6974</del>					\$	0.0872	\$	<del>1.4693</del>
Commercial/Industrial - G-42																
Customer Charge per Month per Meter	\$	189.84					\$	189.84	\$	189.84					\$	189.84
Size of the first block		00 Therms								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
	43	0.4834	\$	1.2552	\$	<del>0.0872</del>	\$	1.8058	(\$5	0.42834	45	J. ODSAL	\$	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
0			\$	1.2552	\$	0.0872	\$	<del> 1.6636</del>					\$	0.0872	\$	<del>1.4355</del>
Commercial/Industrial - G-43	\$						\$	011 00	\$						\$	011.00
Customer Charge per Month per Meter	\$	811.98 0.2863	•	1 2202	\$	0.0000	\$	811.98 1.7046	\$	811.98 0.1441	\$	1.0271	\$	0.0890	\$	811.98 1.2602
All therms over the first block per month at	3	0.2003	\$	1.3293 1.2552	\$	0.0890	\$	1.7046 	3	0.1441	3	1.0271	\$	0.0890	\$	1.2584
Commercial/Industrial - G-51			9	1.2002	9	<del>0.0012</del>	•	1.0201					9	U. UO1 Z	4	1.2004
Customer Charge per Month per Meter	\$	63.38					\$	63.38	\$	63.38					\$	63.38
Size of the first block	-	) Therms					•	00.00	-	Therms					•	00.00
Therms in the first block per month at	\$	0.3070	\$	1.3288	\$	0.0890	\$	1.7248	\$	0.3070	\$	1.0266	\$	0.0890	\$	1.4226
	45	0.07070	Š.	1.2547	Š	0.0872	Š.	1.6489	40	013090	4	1.00883	s	0.0872	s_	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	\$	<del>1.5503</del>					\$	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		00 Therms								0 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
	43		\$	1.2547	\$	0.0872	\$	<del>1.6066</del>	(5)		43		\$	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					\$	0.0872	\$_	1.2357
Commercial/Industrial - G-53	45	(社会社会社					4	estate care	45	10001005					45	that in
Customer Charge per Month per Meter	\$	838.52				0.005-	\$	838.52	\$	838.52				0.000-	\$	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
Commonic III advertical Co. 54			\$	1.2547	\$	0.0872	\$	<del>1.5270</del>					\$	0.0872	\$_	1.2106
Commercial/Industrial - G-54	\$	020.10					•	020.10		020.10					0	020.10
Customer Charge per Month per Meter	\$	839.19	•	1 2200	•	0.0000	\$	839.19 1.4883	\$ \$	839.19	•	1.0266	\$	0.0000	\$ \$	839.19 1.1565
All therms over the first block per month at	3	0.0705	\$	1.3288 	\$	0.0890 	\$	1.4883 	3	0.0409	\$	1.0200	\$	0.0890 	\$	1.1505 
			9	1.204/	9	<del>∪.∪ŏ1∠</del>	9	1.4124					9	<u>∪.∪ŏ/ ∠</u>	9	1.10/1/

DATED: February 7, 2023 ISSUED BY: /s/Neil Proudman

Neil Proudman TITLE: President

EFFECTIVE: December 1, 2022 January 1, 2023

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

	_							II RATE S	CHEDU	<u>ES</u>						
					1,	<del>, 2022 - A</del> 2023 - Ap riod			F	ates Effe			2023	3 - Octobe riod		
		elivery Charge	G	Cost of as Rate Page 95	E	LDAC Page 101		Total <u>Rate</u>		elivery <u>Charge</u>	G	Cost of as Rate Page 92		LDAC age 101		Total <u>Rate</u>
Residential Non Heating - R-5																
Customer Charge per Month per Meter All therms	\$	20.01 0.6668	\$	1.3292	\$	0.1113 0.1086	\$	20.01 2.1073 	\$	20.01 0.6668	\$	1.0269	\$	0.1113 -0.1086	\$	20.01 1.8050 -1.8023
Residential Heating - R-6			Ť	2001	Ť	0.1000	4	540t Orl					Ť	0. 1000	43	0)0101
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	S	0.1113	\$	1.9857
Residential Heating - R-7			\$	1.2551	\$	0.1086	\$	<del>2.2112</del>					\$	<del>0.1086</del>	\$	1.9830
Customer Charge per Month per Meter	S	11.01					S	11.01	s	20.01					\$	20.01
Therms in the first block per month at	\$	0.4661	\$	0.7311	\$	0.1113	\$	1.3085	s	0.8475	\$	1.0269	\$	0.1113	\$	1.9857
	40	0.4881	\$	0.6903	\$	0.1086	S	1.2650	40	0.03466	45	1 (128)	\$	0.1086	\$	1.9830
Commercial/Industrial - G-44																
Customer Charge per Month per Meter Size of the first block	\$ 100	82.29 Therms					\$	82.29	\$ 20	82.29 Therms					\$	82.29
Therms in the first block per month at	\$	0.6614	\$	1.3293	\$	0.0890	\$	2.0797	\$	0.6614	\$	1.0271	\$	0.0890	\$	1.7775
And 0.5.11.1	-	0.1014	\$	1.2552	\$	0.0872	\$	<del>2.0038</del>		0.1014		4 0074	\$	0.0872	\$	1.7757
All therms over the first block per month at	\$	0.4614	\$	1.3293	\$	0.0890 	\$	1.8797 — <u>1.8038</u>	\$	0.4614	\$	1.0271	\$	0.0890 	\$	1.5775 
Commercial/Industrial - G-45			<del>-</del>	1.2002	<del>&gt;</del>	0.0872	9	1.8038					<del>-</del>	<del>0.087.2</del>	4	1.0707 (3.342 1243
Customer Charge per Month per Meter	\$	246.78					\$	246.78	\$	246.78					\$	246.78
Size of the first block	1000	0 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
	45	10000000000000000000000000000000000000	\$	1.2552	\$	0.0872	\$	1.9447	43	0.090168	45	J. ORAGA	\$	0.0872	\$	1.7166
All therms over the first block per month at	\$	0.4175	\$	1.3293 1.2552	\$	0.0890 	\$	1.8358 —1.7599	\$	0.4175	\$	1.0271	\$	0.0890 	\$	1.5336 
Commercial/Industrial - G-46			<del>-</del>	1.2002	9	0.0872	•	1.7589 4 mag and					<del>-</del>	<del>0.087.2</del>	-	1.0318
Customer Charge per Month per Meter	\$ 1	1.055.58					S	1.055.58	S	1.055.58					S	1.055.58
All therms over the first block per month at	\$	0.3722	\$	1.3293	\$	0.0890	\$	1.7905	s	0.1873	\$	1.0271	\$	0.0890	\$	1.3034
			\$	1.2552	\$	0.0872	\$	1.7146					\$	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		Thems		4.0000			_	4.0470		Therms		4 0000		0.0000		4.5440
Therms in the first block per month at	\$	0.3992	\$	1.3288	\$	0.0890	\$	1.8170 1.7411	\$	0.3992	\$	1.0266	\$	0.0890	\$	1.5148 1.5130
All therms over the first block per month at	\$	0.2710	Š	1.3288	Š	0.0890	\$	1.6888	\$	0.2710	\$	1.0266	Š	0.0890	Š	1.3866
7 il dicitio over the first block per fibrial at	45	0.2710	Š	1.2547	Š		Š	1.6129	45	0.2710	45	1.0200	Š	0.0872	Š	1.3848
Commercial/Industrial - G-56							45	246 43					•		43	Children all a
Customer Charge per Month per Meter	\$	246.43					\$	246.43	\$	246.43					\$	246.43
Size of the first block		0 Therms								0 Therms						
Therms in the first block per month at	\$	0.3442	\$	1.3288 	\$	0.0890 	\$	1.7620 — <u>1.6861</u>	\$	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
			\$	1.2547	\$	0.0872	\$	1.5806					\$	0.0872	\$	1.2723
Commercial/Industrial - G-57		Localors					-	1,020.03	43	[,020,03					45	1,020,02
Customer Charge per Month per Meter		1,090.08		4 0000	^	0.0000		1,090.08	_	1,090.08		4 0000	•	0.0000	-	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			9	1.2017	9	<del>U.U872</del>	-	1.5826					9	<del>U. UU1 2</del>	43	4 monitors
Customer Charge per Month per Meter		1,090.95					\$	1,090.95	\$	1,090.95					S	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
F-7 1101101	45	m 027156	Š.	1.2547		0.0872	\$		43	0.05381	4	1.00283		0.0872		1.1669

DATED: February 7, 2023 ISSUED BY: /s/Neil Proudman

Neil Proudman TITLE: President

EFFECTIVE: December 1, 2022 January 1, 2023

## 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 Projected Prorated Sales (11/01/2022 - 04/30/2023)				\$	127,589,939 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				Ψ	117.533.374	\$		per therm
Adjustment Cost of Gas Rate					3,568,556	\$		per therm
Hedge Contract (Savings)					(6,022,210)			per therm
Total Direct Cost of Gas Rate				\$	127,589,939	\$		per therm
Total Anticipated Indirect Cost of Gas				\$	5,082,758			
Projected Prorated Sales (11/01/2022 - 04/30/2023)				Ψ	92,780,984			
Indirect Cost of Gas					02,700,004	\$	0.0548	per therm
						Ψ	0.00.0	por anomin
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	?			COG	iwr	\$		/therm
Change in rate due to revised under/over recovery projection					·	\$	(0.1749)	
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 12/01/22	<u> </u>			COG	wr	\$		/therm
Change in rate due to revised under/over recovery projection						\$	0.0741	M1
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 01/01/23	5			COG	iwr	\$	1.3292	/therm
			Maximum	(COC	G + 25%)	\$	1.7875	
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22	2			COG	iwr	\$	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	2			COG	iwr	\$		/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	3			COG	iwr	\$	0.7311	/therm
			Maximum	(COC	G + 25%)	\$	0.9831	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22				COG	iwh	\$	1.4301	/therm
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22 Change in rate due to revised under/over recovery projection				COG	wh	<b>\$</b>	<b>1.4301</b> (0.1749)	
				cog		_	(0.1749) <b>1.2552</b>	
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection				cog	iwh	\$ \$	(0.1749) <b>1.2552</b> 0.0741	/therm
Change in rate due to revised under/over recovery projection C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22					iwh	\$	(0.1749) <b>1.2552</b> 0.0741	
Change in rate due to revised under/over recovery projection C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22 Change in rate due to revised under/over recovery projection C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23	•	0.4240		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22	\$	0.1348	Maximum	cog	swh	\$ \$	(0.1749) <b>1.2552</b> 0.0741	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)	\$	1.0005		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor		1.0005 1.0001		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)	\$	1.0005		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor		1.0005 1.0001		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22 Change in rate due to revised under/over recovery projection C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$	1.0005 1.0001 0.1349		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	\$	1.0005 1.0001 0.1349 1.2668		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate	\$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate	\$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548		cog	swh	\$ \$ \$	(0.1749) 1.2552 0.0741 1.3293	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		COG (COC	swh S + 25%)	\$ \$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		cog	swh S + 25%)	\$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		COG	iwh 3 + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		COG (COC	iwh 3 + 25%)	\$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		COG	iwh is + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		COG	iwh is + 25%)	\$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547	/therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 10/101/23	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/23  Average Demand Cost of Gas Rate Effective 11/01/22	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjusted Demand Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)	\$ \$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301 0.1348 0.9971	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate	* * * * * * *	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301 0.1348 0.9971 1.0001 0.1344	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	\$ \$\$\$\$\$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301 0.1348 0.9971 1.0001 0.1344 1.2668	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate	\$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301 0.1348 0.9971 1.0001 0.1344 1.2668 0.0385	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate	\$ \$\$\$\$\$\$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301 0.1348 0.9971 1.0001 0.1344 1.2668 0.0385 0.0548	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm
Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I HIGH WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate  Hedge Contract (Savings)  Adjusted C&I High Winter Use Cost of Gas Rate  C&I LOW WINTER USE COST OF GAS RATE - 11/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 12/01/22  Change in rate due to revised under/over recovery projection  C&I LOW WINTER USE COST OF GAS RATE - 01/01/23  Average Demand Cost of Gas Rate Effective 11/01/22  Times: Low Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate	\$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649) 1.4301 0.1348 0.9971 1.0001 0.1344 1.2668 0.0385	Maximum	COG	swh S+ 25%) Swl	\$ \$ \$ \$ \$ \$ \$	1.4296 (0.1749) 1.2552 0.0741 1.3293 1.7876 1.4296 (0.1749) 1.2547 0.0741 1.3288	/therm /therm /therm

DATED: February 7, 2023 ISSUED BY: <u>/s/Neil Proudman</u>

Neil Proudman President

EFFECTIVE: December 1, 2022 January 1, 2023 TITLE: Preside