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DATED: December 21, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2022

Neil Proudman
TITLE: President

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22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	Rates Effective January 1, 2022 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 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	\$ 0.3844	\$ 0.7246	\$ 0.1012	\$ 1.2102	\$ 0.3844	\$ 0.5587	\$ 0.1012	\$ 1.0443
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Size of the first block	all therms							
Therms in the first block per month at	\$ 0.5632	\$ 0.7246	\$ 0.1012	\$ 1.3890	\$ 0.5632	\$ 0.5587	\$ 0.1012	\$ 1.2231
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Size of the first block	all therms							
Therms in the first block per month at	\$ 0.3098	\$ 0.3986	\$ 0.1012	\$ 0.8096	\$ 0.5632	\$ 0.5587	\$ 0.1012	\$ 1.2231
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms							
Therms in the first block per month at	\$ 0.4688	\$ 0.7248	\$ 0.0749	\$ 1.2685	\$ 0.4688	\$ 0.5593	\$ 0.0749	\$ 1.1030
All therms over the first block per month at	\$ 0.3149	\$ 0.7248	\$ 0.0749	\$ 1.1146	\$ 0.3149	\$ 0.5593	\$ 0.0749	\$ 0.9491
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	400 therms							
Therms in the first block per month at	\$ 0.4261	\$ 0.7248	\$ 0.0749	\$ 1.2258	\$ 0.4261	\$ 0.5593	\$ 0.0749	\$ 1.0603
All therms over the first block per month at	\$ 0.2839	\$ 0.7248	\$ 0.0749	\$ 1.0836	\$ 0.2839	\$ 0.5593	\$ 0.0749	\$ 0.9181
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 0.7248	\$ 0.0749	\$ 1.0617	\$ 0.1198	\$ 0.5593	\$ 0.0749	\$ 0.7540
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms							
Therms in the first block per month at	\$ 0.2819	\$ 0.7231	\$ 0.0749	\$ 1.0799	\$ 0.2819	\$ 0.5580	\$ 0.0749	\$ 0.9148
All therms over the first block per month at	\$ 0.1833	\$ 0.7231	\$ 0.0749	\$ 0.9813	\$ 0.1833	\$ 0.5580	\$ 0.0749	\$ 0.8162
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms							
Therms in the first block per month at	\$ 0.2428	\$ 0.7231	\$ 0.0749	\$ 1.0408	\$ 0.1759	\$ 0.5580	\$ 0.0749	\$ 0.8088
All therms over the first block per month at	\$ 0.1617	\$ 0.7231	\$ 0.0749	\$ 0.9597	\$ 0.1000	\$ 0.5580	\$ 0.0749	\$ 0.7329
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 0.7231	\$ 0.0749	\$ 0.9677	\$ 0.0814	\$ 0.5580	\$ 0.0749	\$ 0.7143
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 0.7231	\$ 0.0749	\$ 0.8628	\$ 0.0352	\$ 0.5580	\$ 0.0749	\$ 0.6681

DATED: December 21, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2022

Neil Proudman
TITLE: President

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

	Rates Effective January 1, 2022 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 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	\$ 0.4997	\$ 0.7246	\$ 0.1012	\$ 1.3255	\$ 0.4997	\$ 0.5587	\$ 0.1012	\$ 1.1596
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	\$ 0.7322	\$ 0.7246	\$ 0.1012	\$ 1.5580	\$ 0.7322	\$ 0.5587	\$ 0.1012	\$ 1.3921
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	\$ 0.4027	\$ 0.3986	\$ 0.1012	\$ 0.9025	\$ 0.7322	\$ 0.5587	\$ 0.1012	\$ 1.3921
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6094	\$ 0.7248	\$ 0.0749	\$ 1.4091	\$ 0.6094	\$ 0.5593	\$ 0.0749	\$ 1.2436
All therms over the first block per month at	\$ 0.4094	\$ 0.7248	\$ 0.0749	\$ 1.2091	\$ 0.4094	\$ 0.5593	\$ 0.0749	\$ 1.0436
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5539	\$ 0.7248	\$ 0.0749	\$ 1.3536	\$ 0.5539	\$ 0.5593	\$ 0.0749	\$ 1.1881
All therms over the first block per month at	\$ 0.3691	\$ 0.7248	\$ 0.0749	\$ 1.1688	\$ 0.3691	\$ 0.5593	\$ 0.0749	\$ 1.0033
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10			\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 0.7248	\$ 0.0749	\$ 1.1403	\$ 0.1557	\$ 0.5593	\$ 0.0749	\$ 0.7899
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3665	\$ 0.7231	\$ 0.0749	\$ 1.1645	\$ 0.3665	\$ 0.5580	\$ 0.0749	\$ 0.9994
All therms over the first block per month at	\$ 0.2383	\$ 0.7231	\$ 0.0749	\$ 1.0363	\$ 0.2383	\$ 0.5580	\$ 0.0749	\$ 0.8712
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3157	\$ 0.7231	\$ 0.0749	\$ 1.1137	\$ 0.2287	\$ 0.5580	\$ 0.0749	\$ 0.8616
All therms over the first block per month at	\$ 0.2102	\$ 0.7231	\$ 0.0749	\$ 1.0082	\$ 0.1300	\$ 0.5580	\$ 0.0749	\$ 0.7629
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 0.7231	\$ 0.0749	\$ 1.0187	\$ 0.1059	\$ 0.5580	\$ 0.0749	\$ 0.7388
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.0842	\$ 0.7231	\$ 0.0749	\$ 0.8822	\$ 0.0457	\$ 0.5580	\$ 0.0749	\$ 0.6786

DATED: December 21, 2021
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Neil Proudman
TITLE: President

30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE - EXCLUDING

**CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 94,810,891	
Projected Prorated Sales (11/01/2021 - 04/30/22)	87,443,741	
Direct Cost of Gas Rate		\$ 1.0843 per therm
Demand Cost of Gas Rate	\$ 13,868,897	\$ 0.1586 per therm
Commodity Cost of Gas Rate	80,780,853	\$ 0.9238 per therm
Adjustment Cost of Gas Rate	161,141	\$ 0.0018 per therm
Total Direct Cost of Gas Rate	\$ 94,810,891	\$ 1.0843 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,338,002	
Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
Indirect Cost of Gas		\$ 0.0496 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/21		\$ 1.1339 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/21	COGwr	\$ 1.1339 /therm
Change in rate due to change in under/over recovery		\$ (0.1166)
RESIDENTIAL COST OF GAS RATE - 12/01/2021	COGsr	\$ 1.0173 /therm
Change in Rate due to change in under/over recovery		\$ (0.2927)
	Maximum (COG + 25%)	\$ 1.4174
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/21	COGwr	\$ 0.6236 /therm
Change in rate due to change in under/over recovery		\$ (0.0641)
RESIDENTIAL COST OF GAS RATE - 12/01/2021	COGsr	\$ 0.5595 /therm
Change in Rate due to change in under/over recovery		\$ (0.1610)
RESIDENTIAL COST OF GAS RATE - 01/01/2022	COGwr	\$ 0.3986 /therm
	Maximum (COG + 25%)	\$ 0.7796
C&I LOW WINTER USE COST OF GAS RATE - 11/1/2021	COGwl	\$ 1.1324 /therm
Change in rate due to change in under/over recovery		\$ (0.1166)
C&I LOW WINTER USE COST OF GAS RATE - 12/01/2021	COGsl	\$ 1.0158 /therm
Change in Rate due to change in under/over recovery		\$ (0.2927)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2022	COGsl	\$ 0.7231 /therm
Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586	
Times: Low Winter Use Ratio (Winter)	0.9910	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	\$ 0.1572	
		Maximum (COG + 25%) \$ 1.4155
Commodity Cost of Gas Rate	\$ 0.9238	
Adjustment Cost of Gas Rate	\$ 0.0018	
Indirect Cost of Gas Rate	\$ 0.0496	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 1.1324	
C&I HIGH WINTER USE COST OF GAS RATE - 11/1/2021	COGwh	\$ 1.1341 /therm
Change in rate due to change in under/over recovery		\$ (0.1166)
C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2021	COGsh	\$ 1.0175 /therm
Change in Rate due to change in under/over recovery		\$ (0.2927)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2022	COGwh	\$ 0.7248 /therm
Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586	
Times: High Winter Use Ratio (Winter)	1.0017	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	\$ 0.1589	
		Maximum (COG + 25%) \$ 1.4176
Commodity Cost of Gas Rate	\$ 0.9238	
Adjustment Cost of Gas Rate	\$ 0.0018	
Indirect Cost of Gas Rate	\$ 0.0496	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 1.1341	

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Compare Results

Old File:

Current 2022-12 EN COG Trigger Filing effective 12-1-2021.pdf

8 pages (259 KB)
12/22/2021 3:32:48 PM

versus

New File:

2022-01 EN COG Trigger Filing effective 1-1-2022.pdf

8 pages (375 KB)
12/22/2021 12:20:20 PM

Total Changes

89

Text only comparison

Content

71 Replacements
13 Insertions
5 Deletions

Styling and Annotations

0 Styling
0 Annotations

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Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities

Calculation of the Projected Over or Under Collection of the
 2021 - 2022 Winter Cost of Gas Filing
 DG 21-130

January 1, 2022

Under/(Over) Collection as of 11/30/21		\$ (9,846,397)
Forecasted firm Residential therm sales 1/01/2022 - 4/30/2022	35,311,415	
Residential Cost of Gas Rate per therm	\$ (1.0173)	
Forecasted firm C&I High Winter Use therm sales 1/01/2022 - 4/30/2022	23,701,368	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.0175)	
Forecasted firm C&I Low Winter therm sales 1/01/2022 - 4/30/2022	4,993,504	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.0158)	
Forecasted firm GAP-R4 Winter therm sales 1/01/2022 - 4/30/2022	2,529,700	
GAP R-4 Cost of Gas Rate per therm	\$ (0.5595)	
Forecasted firm Residential therm sales 12/2021	9,503,470	
Residential Cost of Gas Rate per therm	\$ (1.0173)	
Forecasted firm C&I High Winter Use therm sales 12/2021	6,328,450	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.0175)	
Forecasted firm C&I Low Winter Use therm sales 12/2021	1,240,000	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.0158)	
Forecasted firm GAP-R4 Winter therm sales 12/2021	670,430	
GAP R-4 Cost of Gas Rate per therm	\$ (0.5595)	
Forecast recovered costs at current rate 12/01/2021 - 04/30/2022		(84,267,999)
maybe		
Estimated FPO Premium 12/01/2021 - 04/30/2022		105,699
Revised projected gas costs 12/01/2021 - 04/30/2022		74,496,580
Estimated interest charged (credited) to customers 12/01/2021 - 04/30/2022		40,051
Projected under / (over) collection as of 04/30/2022 (A)		\$ (19,472,066)

Actual Gas Costs through 11/30/21	\$ 8,208,820
Revised projected gas costs 12/01/2021 - 04/30/2022	\$ 74,536,630
Estimated total adjusted gas costs 11/01/2021 - 04/30/2021 (B)	\$ 82,745,451

Under/ (over) collection as percent of total gas costs (A/B)	-23.53%
--	---------

Projected under / (over) collections as of 04/30/2022 (A)	\$ (19,472,066)
Forecasted firm therm sales 01/01/2022 - 04/30/2022	66,535,987
Change in rate used to reduce forecast under/(over) collection	\$ (0.2927)
Current Cost of Gas Rate	\$ 1.0173
Revised Cost of Gas Rate	\$ 0.7246
Cap - Residential Cost of Gas Rate	\$ 1.4174

Revised as follows:

The revised projected gas costs include the December 2021 - April 2022 NYMEX settled strip prices as of December 13, 2021.

Liberty Utilities (EnergyNorth Natural Gas) Corp.

d/b/a Liberty Utilities

Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	Nov-21 (Actual)	Dec-21 (Estimate)	Jan-22 (Estimate)	Feb-22 (Estimate)	Mar-22 (Estimate)	Apr-22 (Estimate)	Total Peak
Total Gas Costs		\$ 7,525,569	\$ 23,418,667	\$ 20,505,004	\$ 13,680,200	\$ 9,546,460	\$ 4,699,723	\$ 79,375,624
Forecasted firm Residential therm sales								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Return on Inventory per DG 20-105		54,342	55,945	55,945	55,945	55,944.5	55,944.5	334,065
Forecasted Transportation Revenue		-	(2,342)	(2,636)	(2,201)	(2,101)	(1,563)	(10,842)
Broker Revenue		-	(624)	(751)	(816)	(757)	(605)	(3,553)
Forecasted Off System and Capacity Release		-	(281,555)	(281,431)	(280,359)	(277,123)	(277,216)	(1,397,684)
Fixed Price Option Admin.		10,331	6,133	6,133	6,133	6,133	6,133	40,998
Bad Debt Costs		43,370	165,976	145,534	97,651	68,649	34,644	555,824
Working Capital		12,614	53,632	46,959	31,330	21,863	10,763	177,160
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		579,555	614,243	614,243	614,243	614,243	614,243	3,650,770
Total Indirect Costs		\$ 700,212	\$ 611,408	\$ 583,997	\$ 521,925	\$ 486,851	\$ 442,344	\$ 3,346,737
Interest		(16,961)	7,882	17,117	13,804	5,605	(4,358)	\$ 23,090
Total Gas Costs plus Indirect Costs	\$ (3,447,842)	8,208,820	24,037,958	21,106,119	14,215,929	10,038,916	5,137,709	\$ 79,297,608
Total Forecasted Sales Volumes		9,442,214	17,742,350	20,761,510	17,503,620	14,926,060	13,344,797	93,720,551
Total Forecasted Collections		14,607,375	17,726,377	20,737,437	17,476,636	14,906,419	13,315,431	\$ 98,769,674
		(9,846,397.16)	(3,534,816)	(3,166,135)	(6,426,842)	(11,294,345)	(19,472,066)	
With Rate Adjustment	Beginning Under/(Over)	Nov-21 (Actual)	Dec-21 (Estimate)	Jan-22 (Estimate)	Feb-22 (Estimate)	Mar-22 (Estimate)	Apr-22 (Estimate)	Total Peak
Total Gas Costs		\$ 7,525,569	\$ 23,418,667	\$ 20,505,004	\$ 13,680,200	\$ 9,546,460	\$ 4,699,723	\$ 79,375,624
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory Financing		54,342	55,945	55,945	55,945	55,945	55,945	334,065
Transportation Revenue		-	(2,342)	(2,636)	(2,201)	(2,101)	(1,563)	(10,842)
Broker Revenue		-	(624)	(751)	(816)	(757)	(605)	(3,553)
Off System and Capacity Release		-	(281,555)	(281,431)	(280,359)	(277,123)	(277,216)	(1,397,684)
Fixed Price Option Admin.		10,331	6,133	6,133	6,133	6,133	6,133	40,998
Bad Debt Costs		43,370	165,976	145,534	97,651	68,649	34,644	555,824
Working Capital		12,614	53,632	46,959	31,330	21,863	10,763	177,160
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		579,555	614,243	614,243	614,243	614,243	614,243	3,650,770
Total Indirect Costs		\$ 700,212	\$ 611,408	\$ 583,997	\$ 521,925	\$ 486,851	\$ 442,344	\$ 3,346,737
Interest		(16,961)	7,882	17,117	13,804	5,605	(4,473)	\$ 22,975
Total Gas Costs plus Indirect Costs	\$ (3,447,842)	8,208,820	24,037,958	21,106,119	14,215,929	10,038,916	5,137,594	\$ 79,297,493
Total Forecasted Sales Volumes		9,442,214	17,742,350	20,761,510	17,503,620	14,926,060	13,344,797	93,720,551
Total Forecasted Collections		14,607,375	17,726,377	14,661,449	12,354,090	10,538,212	9,409,990	\$ 79,297,493

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92	First Revised
93	Second Revised
94	First Revised
95	Third Revised
96	First Revised
97	Second Revised
98	First Revised
99	First Revised
100	First Revised
101	Second 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: December 21, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2022

Neil Proudman
TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	Rates Effective January 1, 2022 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 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	\$ 0.3844	\$ 0.7246	\$ 0.1012	\$ 1.2102	\$ 0.3844	\$ 0.5587	\$ 0.1012	\$ 1.0443
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Size of the first block	all therms							
Therms in the first block per month at	\$ 0.5632	\$ 0.7246	\$ 0.1012	\$ 1.3890	\$ 0.5632	\$ 0.5587	\$ 0.1012	\$ 1.2231
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Size of the first block	all therms							
Therms in the first block per month at	\$ 0.3098	\$ 0.3986	\$ 0.1012	\$ 0.8096	\$ 0.5632	\$ 0.5587	\$ 0.1012	\$ 1.2231
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms							
Therms in the first block per month at	\$ 0.4688	\$ 0.7248	\$ 0.0749	\$ 1.2685	\$ 0.4688	\$ 0.5593	\$ 0.0749	\$ 1.1030
All therms over the first block per month at	\$ 0.3149	\$ 0.7248	\$ 0.0749	\$ 1.1146	\$ 0.3149	\$ 0.5593	\$ 0.0749	\$ 0.9491
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	400 therms							
Therms in the first block per month at	\$ 0.4261	\$ 0.7248	\$ 0.0749	\$ 1.2258	\$ 0.4261	\$ 0.5593	\$ 0.0749	\$ 1.0603
All therms over the first block per month at	\$ 0.2839	\$ 0.7248	\$ 0.0749	\$ 1.0836	\$ 0.2839	\$ 0.5593	\$ 0.0749	\$ 0.9181
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 0.7248	\$ 0.0749	\$ 1.0617	\$ 0.1198	\$ 0.5593	\$ 0.0749	\$ 0.7540
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms							
Therms in the first block per month at	\$ 0.2819	\$ 0.7231	\$ 0.0749	\$ 1.0799	\$ 0.2819	\$ 0.5580	\$ 0.0749	\$ 0.9148
All therms over the first block per month at	\$ 0.1833	\$ 0.7231	\$ 0.0749	\$ 0.9813	\$ 0.1833	\$ 0.5580	\$ 0.0749	\$ 0.8162
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms							
Therms in the first block per month at	\$ 0.2428	\$ 0.7231	\$ 0.0749	\$ 1.0408	\$ 0.1759	\$ 0.5580	\$ 0.0749	\$ 0.8088
All therms over the first block per month at	\$ 0.1617	\$ 0.7231	\$ 0.0749	\$ 0.9597	\$ 0.1000	\$ 0.5580	\$ 0.0749	\$ 0.7329
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 0.7231	\$ 0.0749	\$ 0.9677	\$ 0.0814	\$ 0.5580	\$ 0.0749	\$ 0.7143
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 0.7231	\$ 0.0749	\$ 0.8628	\$ 0.0352	\$ 0.5580	\$ 0.0749	\$ 0.6681

DATED: December 21, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2022

Neil Proudman
TITLE: President

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

	Rates Effective January 1, 2022 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 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	\$ 0.4997	\$ 0.7246	\$ 0.1012	\$ 1.3255	\$ 0.4997	\$ 0.5587	\$ 0.1012	\$ 1.1596
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	\$ 0.7322	\$ 0.7246	\$ 0.1012	\$ 1.5580	\$ 0.7322	\$ 0.5587	\$ 0.1012	\$ 1.3921
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	\$ 0.4027	\$ 0.3986	\$ 0.1012	\$ 0.9025	\$ 0.7322	\$ 0.5587	\$ 0.1012	\$ 1.3921
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6094	\$ 0.7248	\$ 0.0749	\$ 1.4091	\$ 0.6094	\$ 0.5593	\$ 0.0749	\$ 1.2436
All therms over the first block per month at	\$ 0.4094	\$ 0.7248	\$ 0.0749	\$ 1.2091	\$ 0.4094	\$ 0.5593	\$ 0.0749	\$ 1.0436
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5539	\$ 0.7248	\$ 0.0749	\$ 1.3536	\$ 0.5539	\$ 0.5593	\$ 0.0749	\$ 1.1881
All therms over the first block per month at	\$ 0.3691	\$ 0.7248	\$ 0.0749	\$ 1.1688	\$ 0.3691	\$ 0.5593	\$ 0.0749	\$ 1.0033
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10			\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 0.7248	\$ 0.0749	\$ 1.1403	\$ 0.1557	\$ 0.5593	\$ 0.0749	\$ 0.7899
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3665	\$ 0.7231	\$ 0.0749	\$ 1.1645	\$ 0.3665	\$ 0.5580	\$ 0.0749	\$ 0.9994
All therms over the first block per month at	\$ 0.2383	\$ 0.7231	\$ 0.0749	\$ 1.0363	\$ 0.2383	\$ 0.5580	\$ 0.0749	\$ 0.8712
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3157	\$ 0.7231	\$ 0.0749	\$ 1.1137	\$ 0.2287	\$ 0.5580	\$ 0.0749	\$ 0.8616
All therms over the first block per month at	\$ 0.2102	\$ 0.7231	\$ 0.0749	\$ 1.0082	\$ 0.1300	\$ 0.5580	\$ 0.0749	\$ 0.7629
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 0.7231	\$ 0.0749	\$ 1.0187	\$ 0.1059	\$ 0.5580	\$ 0.0749	\$ 0.7388
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.0842	\$ 0.7231	\$ 0.0749	\$ 0.8822	\$ 0.0457	\$ 0.5580	\$ 0.0749	\$ 0.6786

DATED: December 21, 2021

EFFECTIVE: January 1, 2022

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

30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE - EXCLUDING

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022
(Refer to Text in Section 17 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 94,810,891	
Projected Prorated Sales (11/01/2021 - 04/30/22)	87,443,741	
Direct Cost of Gas Rate		\$ 1.0843 per therm
Demand Cost of Gas Rate	\$ 13,868,897	\$ 0.1586 per therm
Commodity Cost of Gas Rate	80,780,853	\$ 0.9238 per therm
Adjustment Cost of Gas Rate	161,141	\$ 0.0018 per therm
Total Direct Cost of Gas Rate	\$ 94,810,891	\$ 1.0843 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,338,002	
Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
Indirect Cost of Gas		\$ 0.0496 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/21		\$ 1.1339 per therm

RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/21	COGwr	\$ 1.1339 /therm
Change in rate due to change in under/over recovery		\$ (0.1166)
RESIDENTIAL COST OF GAS RATE - 12/01/2021	COGsr	\$ 1.0173 /therm
Change in Rate due to change in under/over recovery		\$ (0.2927)

Maximum (COG + 25%) \$ 1.4174

GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/21	COGwr	\$ 0.6236 /therm
Change in rate due to change in under/over recovery		\$ (0.0641)
RESIDENTIAL COST OF GAS RATE - 12/01/2021	COGsr	\$ 0.5595 /therm
Change in Rate due to change in under/over recovery		\$ (0.1610)
RESIDENTIAL COST OF GAS RATE - 01/01/2022	COGwr	\$ 0.3986 /therm

Maximum (COG + 25%) \$ 0.7796

C&I LOW WINTER USE COST OF GAS RATE - 11/1/2021	COGwl	\$ 1.1324 /therm
Change in rate due to change in under/over recovery		\$ (0.1166)
C&I LOW WINTER USE COST OF GAS RATE - 12/01/2021	COGsl	\$ 1.0158 /therm
Change in Rate due to change in under/over recovery		\$ (0.2927)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2022	COGsl	\$ 0.7231 /therm

Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586		
Times: Low Winter Use Ratio (Winter)	0.9910	Maximum (COG + 25%)	\$ 1.4155
Times: Correction Factor	1.0001		
Adjusted Demand Cost of Gas Rate	<u>\$ 0.1572</u>		

Commodity Cost of Gas Rate	\$ 0.9238
Adjustment Cost of Gas Rate	\$ 0.0018
Indirect Cost of Gas Rate	<u>\$ 0.0496</u>
Adjusted C&I Low Winter Use Cost of Gas Rate	<u>\$ 1.1324</u>

C&I HIGH WINTER USE COST OF GAS RATE - 11/1/2021	COGwh	\$ 1.1341 /therm
Change in rate due to change in under/over recovery		\$ (0.1166)
C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2021	COGsh	\$ 1.0175 /therm
Change in Rate due to change in under/over recovery		\$ (0.2927)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2022	COGwh	\$ 0.7248 /therm

Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586		
Times: High Winter Use Ratio (Winter)	1.0017	Maximum (COG + 25%)	\$ 1.4176
Times: Correction Factor	1.0001		
Adjusted Demand Cost of Gas Rate	<u>\$ 0.1589</u>		

Commodity Cost of Gas Rate	\$ 0.9238
Adjustment Cost of Gas Rate	\$ 0.0018
Indirect Cost of Gas Rate	<u>\$ 0.0496</u>
Adjusted C&I High Winter Use Cost of Gas Rate	<u>\$ 1.1341</u>

DATED: December 21, 2021

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: January 1, 2022

TITLE: President