Page	Revision
Title	Original
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TOC iii	First Revised
TOC iv	Original
1	Thirty-first Revised
2	Second Revised
3	Twenty-ninth Revised
4	Twenty-seventh Revised
5	First Revised
6	Original
7	Original
8	Original
9	First Revised
10	Original
11	Original
12	Original
13	Original
14	Original
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17	Original
18	Original
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DATED: ISSUED BY: <u>/s/Neil Proudman</u>
Neil Proudman

<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	Fifteenth Revised
88	Seventeenth Revised
89	Fifteenth Revised

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<u>Page</u>	Revision
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92	Fourth Revised
93	Eighth Revised
94	Second Revised
95	Seventh Revised
96	Second Revised
97	Fifth Revised
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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

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EFFECTIVE: November 1, 2022 TITLE: President

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141	Original
142	Original
143	Original
144	Original
145	Original
146	Original
147	Original
148	Original
149	Original
150	Original
151	Original
152	Original
153	Second Revised
154	Second Revised

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Neil Proudman

EFFECTIVE: November 1, 2022 TITLE: President

Effective: November 1, 2022

# II RATE SCHEDULES FIRM RATE SCHEDULES FIRM RATE SCHEDULES EXCLUDING KEENE CUSTOMERS

	Rates Effective November 1, 2022 - April 30, 2023 Winter Period					Rates Effective May 1, 2023 - October 31, 2023 Summer Period								
		livery narge	Cost of Gas Rate Page 95		LDAC Page 101		Total <u>Rate</u>	•		Delivery Gas Rate		LDAC Page 101		Total <u>Rate</u>
Residential Non Heating - R-1 Customer Charge per Month per Meter All therms	\$ \$	15.39 0.5129	\$1.4300	\$	0.1065	\$	15.39 2.0494	\$ \$	15.39 0.5129	\$	1.0269	\$ 0.1065	\$	15.39 1.6463
Residential Heating - R-3 Customer Charge per Month per Meter Therms in the first block per month at	\$ \$	15.39 0.6519	\$1.4300	\$	0.1065	\$	15.39 2.1884	\$ \$	15.39 0.6519	\$	1.0269	\$ 0.1065	\$	15.39 1.7853
Residential Heating - R-4 Customer Charge per Month per Meter Therms in the first block per month at	\$ \$	8.47 0.3585	\$0.7865	\$	0.1065	\$	8.47 1.2515	\$ \$	15.39 0.6519	\$	1.0269	\$ 0.1065	\$	15.39 1.7853
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block	\$ 100 Th	63.30 nerms				\$	63.30	\$	63.30 0 therms				\$	63.30
Therms in the first block per month at All therms over the first block per month at	\$	0.5088 0.3550	\$1.4301 \$1.4301	\$ \$	0.0843 0.0843	\$ \$	2.0232 1.8694	\$ \$	0.5088 0.3550	\$ \$	1.0271 1.0271	\$ 0.0843 \$ 0.0843		1.6202 1.4664
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block	\$ 1000 T	189.84 Therms				\$	189.84	\$ 40	189.84 0 therms				\$	189.84
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.4634 0.3212	\$1.4301 \$1.4301	\$ \$	0.0843 0.0843	\$	1.9778 1.8356	\$ \$	0.4634 0.3212	\$ \$	1.0271 1.0271	\$ 0.0843 \$ 0.0843		1.5748 1.4326
<u>Commercial/Industrial - G-43</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	811.98 0.2863	\$1.4301	\$	0.0843	\$ \$	811.98 1.8007	\$ \$	811.98 0.1441	\$	1.0271	\$ 0.0843		811.98 1.2555
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block	\$ 100 th	63.38 nerms				\$	63.38	\$ 100	63.38 ) therms				\$	63.38
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.3070 0.2084	\$1.4296 \$1.4296	\$ \$	0.0843 0.0843	\$ \$	1.8209 1.7223	\$	0.3070 0.2084	\$ \$	1.0266 1.0266	\$ 0.0843 \$ 0.0843		1.4179 1.3193
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block	\$ 1000 t	189.57 herms				\$	189.57	\$ 100	189.57 0 therms				\$	189.57
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.2647 0.1836	\$1.4296 \$1.4296	\$ \$	0.0843 0.0843	\$ \$	1.7786 1.6975	\$ \$	0.1978 0.1219	\$ \$	1.0266 1.0266	\$ 0.0843 \$ 0.0843		1.3087 1.2328
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	838.52 0.1851	\$1.4296	\$	0.0843	\$ \$	838.52 1.6990	\$ \$	838.52 0.0968	\$	1.0266	\$ 0.0843		838.52 1.2077
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	839.19 0.0705	\$1.4296	\$	0.0843	\$	839.19 1.5844	\$ \$	839.19 0.0409	\$	1.0266	\$ 0.0843		839.19 1.1518
Issued:								Issu	ied by:	Neil I	Proudman	ı		
E# # 4 0000										_				

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2022 in Docket DG 22-045

Title:

President

Effective November 1, 2022

# II RATE SCHEDULES FIRM RATE SCHEDULES FIRM RATE SCHEDULES EXCLUDING KEENE CUSTOMERS

Rates Effective November 1, 2022 - April 30, 2023 Winter Period					Rates Effective May 1, 2023 - October 31, 2023 Summer Period							
Delivery <u>Charge</u>	Cost of Gas Rate Page 95				Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 92</u>	LDAC Page 101	Total <u>Rate</u>				
\$ 20.01 \$ 0.6668	\$ 1.4300	\$ 0.1065	\$ \$	20.01 2.2033			\$ 0.1065	\$ 20.01 \$ 1.8002				
\$ 20.01 \$ 0.8475	\$ 1.4300	\$ 0.1065	\$ \$	20.01 2.3840			\$ 0.1065	\$ 20.01 \$ 1.8002				
\$ 11.01 \$ 0.4531	\$ 0.7865	\$ 0.1065	\$ \$	11.01 1.3461			\$ 0.1065	\$ 20.01 \$ 1.8002				
\$ 82.29 100 therms \$ 0.6614	\$ 1.4301	\$ 0.0843	\$	82.29 2.1758	20 therm	s	\$ 0.0843	\$ 82.29 \$ 1.7728				
\$ 0.4614 \$ 246.78	\$ 1.4301	\$ 0.0843		1.9758 246.78	\$ 0.4614	\$ 1.0271	\$ 0.0843	\$ 1.5728 \$ 246.78				
				2.1167 1.9319	\$ 0.6023	\$ 1.0271	\$ 0.0843 \$ 0.0843	\$ 1.7137 \$ 1.5289				
\$ 1,055.58 \$ 0.3722	\$ 1.4301	\$ 0.0843		,055.58 1.8866			\$ 0.0843	\$ 1,055.58 \$ 1.2987				
\$ 82.39 100 therms	\$ 1,4296	¢ 0.0843	\$	82.39	100 therm	s	\$ 0.0843	\$ 82.39 \$ 1.5101				
		\$ 0.0843		1.7849			\$ 0.0843	\$ 1.3819				
\$ 246.43 1000 therms \$ 0.3442		\$ 0.0843		246.43 1.8581	1000 therm \$ 0.2572	s \$ 1.0266	\$ 0.0843	\$ 246.43 \$ 1.3681				
	\$ 1.4296	\$ 0.0843			·	·	\$ 0.0843	\$ 1.2694				
\$ 1,090.08 \$ 0.2407	\$ 1.4296	\$ 0.0843		,090.08 1.7546			\$ 0.0843	\$ 1,090.08 \$ 1.2368				
\$ 1,090.95 \$ 0.0916	\$ 1.4296	\$ 0.0843		,090.95 1.6055	, ,		\$ 0.0843	\$ 1,090.95 \$ 1.1640				
					Issued by:	Neil Proudmar	1					
	Delivery Charge  \$ 20.01 \$ 0.6668  \$ 20.01 \$ 0.8475  \$ 11.01 \$ 0.4531  \$ 82.29 100 therms \$ 0.6614 \$ 0.4614  \$ 246.78 1000 therms \$ 0.6023 \$ 0.4175  \$ 1,055.58 \$ 0.3722  \$ 82.39 100 therms \$ 0.3992 \$ 0.2710  \$ 246.43 1000 therms \$ 0.3992 \$ 0.2710  \$ 1,090.95	Delivery Charge	Delivery Charge         Cost of Gas Rate Page 95         LDAC Page 101           \$ 20.01 \$ 0.6668 \$ 1.4300 \$ 0.1065         \$ 0.6668 \$ 1.4300 \$ 0.1065           \$ 20.01 \$ 0.8475 \$ 1.4300 \$ 0.1065         \$ 0.1065           \$ 20.01 \$ 0.8475 \$ 1.4300 \$ 0.1065         \$ 0.1065           \$ 20.01 \$ 0.8475 \$ 0.7865 \$ 0.1065         \$ 0.4531 \$ 0.7865 \$ 0.1065           \$ 82.29 \$ 100 therms         \$ 0.6614 \$ 1.4301 \$ 0.0843           \$ 0.6614 \$ 1.4301 \$ 0.0843         \$ 0.4614 \$ 1.4301 \$ 0.0843           \$ 0.6023 \$ 1.4301 \$ 0.0843         \$ 0.0843           \$ 1,055.58 \$ 0.3722 \$ 1.4301 \$ 0.0843         \$ 0.0843           \$ 0.3992 \$ 1.4296 \$ 0.0843         \$ 0.3992 \$ 1.4296 \$ 0.0843           \$ 246.43 \$ 1000 therms         \$ 0.3442 \$ 1.4296 \$ 0.0843           \$ 0.3442 \$ 1.4296 \$ 0.0843         \$ 0.0843           \$ 1,090.08 \$ 0.2407 \$ 1.4296 \$ 0.0843           \$ 1,090.08 \$ 0.2407 \$ 1.4296 \$ 0.0843           \$ 1,090.95	Delivery Charge         Cost of Gas Rate Page 95         LDAC Page 101           \$ 20.01 \$ 0.6668 \$ 1.4300 \$ 0.1065 \$           \$ 20.01 \$ 0.8475 \$ 1.4300 \$ 0.1065 \$           \$ 20.01 \$ 0.8475 \$ 1.4300 \$ 0.1065 \$           \$ 11.01 \$ 0.7865 \$ 0.1065 \$           \$ 82.29 \$ 100 therms \$ 0.6614 \$ 1.4301 \$ 0.0843 \$ 0.4614 \$ 1.4301 \$ 0.0843 \$           \$ 0.4614 \$ 1.4301 \$ 0.0843 \$ 0.4014 \$ 1.4301 \$ 0.0843 \$           \$ 0.6023 \$ 1.4301 \$ 0.0843 \$ 0.4175 \$ 1.4301 \$ 0.0843 \$           \$ 1,055.58 \$ 0.3722 \$ 1.4301 \$ 0.0843 \$ 100 therms \$ 0.3992 \$ 1.4296 \$ 0.0843 \$ 100 therms \$ 0.3992 \$ 1.4296 \$ 0.0843 \$ 1000 therms \$ 0.3992 \$ 1.4296 \$ 0.0843 \$ 1000 therms \$ 0.3992 \$ 1.4296 \$ 0.0843 \$ 1000 therms \$ 0.3442 \$ 1.4296 \$ 0.0843 \$ 1000 ther	Delivery Charge         Cost of Gas Rate Page 95         LDAC Page 101         Total Rate           \$ 20.01 (\$ 0.6668 (\$ 1.4300 (\$ 0.1065 (\$ 2.2033))         \$ 20.01 (\$ 2.2033)         \$ 20.01 (\$ 2.2033)           \$ 20.01 (\$ 0.8475 (\$ 1.4300 (\$ 0.1065 (\$ 2.3840))         \$ 20.01 (\$ 2.3840)           \$ 11.01 (\$ 0.4531 (\$ 0.7865 (\$ 0.1065 (\$ 1.3461)           \$ 82.29 (\$ 82.29 (\$ 82.29 (\$ 1000 therms (\$ 0.6614 (\$ 1.4301 (\$ 0.0843 (\$ 2.1758 (\$ 0.4614 (\$ 1.4301 (\$ 0.0843 (\$ 1.9758)           \$ 246.78 (\$ 0.6023 (\$ 1.4301 (\$ 0.0843 (\$ 2.1167 (\$ 0.4175 (\$ 0.4175 (\$ 1.4301 (\$ 0.0843 (\$ 1.9319 (\$ 0.3722 (\$ 1.4301 (\$ 0.0843 (\$ 1.9319 (\$ 0.3722 (\$ 1.4301 (\$ 0.0843 (\$ 1.9319 (\$ 0.3992 (\$ 1.4296 (\$ 0.0843 (\$ 1.9131 (\$ 0.2710 (\$ 1.4296 (\$ 0.0843 (\$ 1.9131 (\$ 0.3442 (\$ 1.4296 (\$ 0.0843 (\$ 1.8581 (\$ 0.3442 (\$ 1.4296 (\$ 0.0843 (\$ 1.8581 (\$ 0.2387 (\$ 1.4296 (\$ 0.0843 (\$ 1.8581 (\$ 0.2387 (\$ 1.4296 (\$ 0.0843 (\$ 1.7526 (\$ 1.752	Delivery Charge         Cost of Gas Rate Page 95         LDAC Page 101         Total Rate         Delivery Charge           \$ 20.01         \$ 20.01         \$ 20.01         \$ 20.01         \$ 20.01         \$ 20.01           \$ 0.6668         \$ 1.4300         \$ 0.1065         \$ 2.2033         \$ 0.6668           \$ 20.01         \$ 20.01         \$ 20.01         \$ 20.01           \$ 0.8475         \$ 1.4300         \$ 0.1065         \$ 2.3840         \$ 0.6668           \$ 11.01         \$ 20.01         \$ 20.01         \$ 20.01         \$ 20.01           \$ 0.4531         \$ 0.7865         \$ 0.1065         \$ 1.3461         \$ 0.6668           \$ 82.29         \$ 82.29         \$ 82.29         \$ 82.29         20 therm           \$ 0.6614         \$ 1.4301         \$ 0.0843         \$ 2.1758         \$ 0.6614           \$ 0.4614         \$ 1.4301         \$ 0.0843         \$ 2.1167         \$ 0.6023           \$ 0.6023         \$ 1.4301         \$ 0.0843         \$ 2.1167         \$ 0.6023           \$ 0.4175         \$ 1.4301         \$ 0.0843         \$ 1.9319         \$ 0.4175           \$ 1,055.58         \$ 0.3722         \$ 1.4301         \$ 0.0843         \$ 1.9319         \$ 0.4175           \$ 0.3992         \$ 1.4296	Delivery Charge         Cost of Gas Rate Page 95         LDAC Page 101         Total Rate         Delivery Charge         Cost of Gas Rate Page 92           \$ 20.01         \$ 0.6668         \$ 1.4300         \$ 0.1065         \$ 20.01         \$ 20.01         \$ 20.01         \$ 1.0269           \$ 20.01         \$ 0.8475         \$ 1.4300         \$ 0.1065         \$ 2.3840         \$ 0.6668         \$ 1.0269           \$ 11.01         \$ 0.4531         \$ 0.7865         \$ 0.1065         \$ 11.01         \$ 20.01	Delivery Charge				

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2022 in Docket DG 22-045

Title:

President

## Anticipated Cost of Gas PERIOD COVERED: SUMMER PERIOD, MAY 1, 2023 THROUGH OCTOBER 31, 2023 (REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)		(Col 2)		(Col 3)	
ANTICIDATED DIDECT COST OF CAS					
ANTICIPATED DIRECT COST OF GAS Purchased Gas:					
Demand Costs:	\$	3,233,514			
Supply Costs:	\$	9,171,762			
Storage Gas:	\$				
Demand, Capacity: Commodity Costs:	\$ \$	-			
Commounty Costs.	Ψ	_			
Produced Gas:	\$	152,643			
Hedged Contract (Savings)/Loss	\$	-			
Unadjusted Anticipated Cost of Gas			\$	12,557,918	
Adjustments:					
Prior Period (Over)/Under Recovery (as of 9/1/2022 estimated COG)	\$	10,637,079			
Interest	\$	457,126			
Prior Period Adjustments	\$	-			
Broker Revenues	\$	-			
Refunds from Suppliers	\$	-			
Fuel Financing	\$	-			
Transportation CGA Revenues	\$ \$	-			
Interruptible Sales Margin Capacity Release Margin	\$	-			
Hedging Costs	\$	_			
Fixed Price Option Administrative Costs	\$	_			
Total Adjustments			\$	11,094,205	
Total Anticipated Direct Cost of Gas			\$	23,652,124	
Anticipated Indirect Cost of Gas					
Working Capital:					
Total Unadjusted Anticipated Cost of Gas 05/01/23 - 10/31/23)	\$	12,557,918			
Working Capital Rate - Lead Lag Days / 365	\$	0			
Prime Rate	\$	0			
Working Capital Percentage	\$	0			
Working Capital	\$	2,677			
Plus: Working Capital Reconciliation (Acct 1163-1424)	\$	47,458			
Total Working Capital Allowance	•	,	\$	50,135	
3 - 1			·	,	
Bad Debt:					
Total Unadjusted Anticipated Cost of Gas 05/01/23 - 10/31/23)	\$	12,557,918			
Less: Refunds	\$	-			
Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery	\$ \$	50,135			
Subtotal	\$	10,637,079 23,245,132			
Jubiolai	Ψ	25,245,152			
Bad Debt Percentage	\$	0			
Bad Debt Allowance	\$	200,176			
Plus: Bad Debt Reconciliation (Acct 1163-1754)	\$	337,560			
Total Bad Debt Allowance			\$	537,736	
Production and Storage Capacity			\$	_	
			7		
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$	-			
Times Summer Sales	\$	23,649			
Divided by Total Sales	\$	116,430	_		
Miscellaneous Overhead			\$	-	
Total Anticipated Indirect Cost of Gas			\$	587,870	
Total Cost of Gas			\$	24,239,994	
Issued:			Issu	ied by:	Neil Dec. 1
Effective: November 1, 2022			Title	<b>2</b> :	Neil Proudman President

## CALCULATION OF FIRM SALES COST OF GAS RATE

## (Refer to Text in Section 17 Cost of Gas Clause)

				(Col 3)			
Total Anticipated Direct Cost of Projected Prorated Sales (05/0 Direct Cost of Gas Rate				\$ 23,652,124 \$ 23,648,905	5	1.0001	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate	•			\$ 3,233,514 \$ 9,324,405 \$ 11,094,205 \$ 23,652,124	5 \$ 5 \$	0.3943 0.4691	per therm per therm per therm per therm
Total Anticipated Indirect Cost Projected Prorated Sales (05/0 Indirect Cost of Gas				\$ 634,259 23,648,905	5	0.0268	per therm
TOTAL PERIOD AVERAGE C	OST OF GAS EFFECTIVE 05/01/23				\$	1.0269	per therm
RESIDENTIAL COST OF GAS	RATE - 05/01/2023			COGsr	\$	1.0269	/therm
							-
COM/IND HIGH WINTER USE	COST OF GAS RATE - 05/01/2023			COGsh	\$	1.0271	/therm
	Average Demand Cost of Gas Rate Effective 05/01/23 'Times: High Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate	\$ \$ \$	0.1367 1.0005 1.0009 0.1369	(COG + 25%)	\$	1.2839	
	Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ \$	0.4691 0.0268 1.0271				
				(COG + 25%)	\$	1.2836	
COM/IND LOW WINTER USE	COST OF GAS RATE - 05/01/2023			COGsl	\$	1.0266	/therm
	Average Demand Cost of Gas Rate Effective 05/01/23 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ \$	0.1367 0.9971 1.0009 0.1364	(COG + 25%)	\$	1.2833	
	Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ \$	0.3943 0.4691 0.0268 1.0266				
Issued:  Effective: November 1, 2022				Neil Proudman President			

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# II. RATE SCHEDULES CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(	(Col 3)
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) 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 Underground Storage Contract (Savings)/Loss Total Direct Cost of Gas Rate	\$ 12,510,219 117,533,374 3,568,556 \$ (6,022,210) \$ 127,589,939	\$ \$ \$	0.1348 per therm 1.2668 per therm 0.0385 per therm (0.0472) per therm 1.3752 per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) 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
Calculation of FPO Excluding Low Income - Rate Code R-3 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO Risk Premium TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22)		\$ \$ \$	<b>1.4300</b> 0.0200 <b>1.7535</b>
RESIDENTIALFPO COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22	COGwr	\$	1.4500 /therm
Calculation of FPO for Gas Assistance Program - Rate Code R-4  TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO (Line 13 * 0.55)  FPO Risk Premium (Line 14 * 0.55)  TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22) (Line 15 * 0.55)		\$ \$ \$	0.7865 0.0110 0.7975
RESIDENTIAL FPO COST OF GAS RATE - LOW INCOME - (R-4) 11/01/22	COGwr	\$	0.7975 /therm
Issued:	Issued by:	Neilf	Proudman
Effective: November 1, 2022	Title:	Presi	

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2022 in Docket DG 22-045

Effective: November 1, 2022

# 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)

(italiar to row in t						
(Col 1)			(Col 2)		(Col 3)	
Total Anticipated Direct Cost of Gas		\$	127,589,939			
Projected Prorated Sales (11/01/2022 - 04/30/2023)  Direct Cost of Gas Rate			92,780,984	\$	1 2752	nor thorm
Direct Cost of Gas Rate				Ф	1.3752	per therm
Demand Cost of Gas Rate		\$	12,510,219			per therm
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate			117,533,374 3,568,556		1.2668 0.0385	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				\$	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		CC	Gwr	S	1 4300	/therm
REGIDENTIAL GOOT OF GAO NATE - EXCEDDING EON INCOME - THUIZE			-CWI	Ψ	1.4000	/tileiiii
		Maximum (Co	OG + 25%)	\$	1.7875	
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22		CC	Gwr	\$	0.7865	/therm
		Maximum (Co	ng + 25%)	\$	0.9831	
		Maximum (Co	33 ( 2370)	Ψ	0.9031	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22		CC	Gwh	\$	1 // 301	/therm
CRITICITY WINTER USE COST OF GAS RATE - 11/01/22			OWII	Ψ	1.4301	/tileiiii
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348			_		
Times: High Winter Use Ratio (Winter) Times: Correction Factor	1.0005 1.0001	Maximum (Co	OG + 25%)	\$	1.7876	
Adjusted Demand Cost of Gas Rate	\$ 0.1349					
Overview (The Overtee Cover De te	<b>4</b> 4 0000					
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$ 1.2668 \$ 0.0385					
Indirect Cost of Gas Nate	\$ 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		CC	Gwl	\$	1.4296	/therm
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348					
Times: Low Winter Use Ratio (Winter)	0.9971	Maximum (Co	OG + 25%)	\$	1.7870	
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					
L4				Iss	ued by:	N. II D.
Issued:						Neil Proudma

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2022 in Docket DG 22-045

Title:

President

Anticipated Cost of Gas PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)

(Col 1)		(Col 2)	(	Col 3)	
ANTICIPATED DIRECT COST OF GAS					
Purchased Gas:					
Demand Costs:	\$	11,510,320			
Supply Costs:		93,418,619			
Storage Gas:					
Demand, Capacity:	\$	999,899			
Commodity Costs:		11,469,453			
Produced Gas:		12,645,303			
Hedged Contract (Saving)/Loss		(6,022,210)			
Hedge Underground Storage Contract (Saving)/Loss		<u> </u>			
Unadjusted Anticipated Cost of Gas			\$	124,021,383	
Adjustments:					
Prior Period (Over)/Under Recovery (as of 05/01/20)	\$	5,378,797			
Interest		(283,633)			
Fuel Inventory Revenue Requirement		515,609			
Broker Revenues Refunds from Suppliers		(3,600)			
Fuel Financing		-			
Transportation CGA Revenues		(422,021)			
Interruptible Sales Margin		-			
Capacity Release and Off System Sales Margins		(1,676,512)			
Hedging Costs  Fixed Price Ontion Administrative Costs		- F0.017			
Fixed Price Option Administrative Costs  Total Adjustments		59,917		3,568,556	
Total Pajaotinonio				0,000,000	
Total Anticipated Direct Cost of Gas			\$	127,589,939	
Anticipated Indirect Cost of Gas					
Working Capital:					
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$	124,021,383			
Working Capital Rate: Lead Lag Days / 365		0.0705			
Prime Rate		5.50%			
Working Capital Percentage	Φ.	0.388%			
Working Capital	\$	480,659			
Plus: Working Capital Reconciliation (Acct 142.20)		(30,998)			
Total Working Capital Allowance				449,661	
Dod Dobt					
Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$	124,021,383			
Less: Refunds	Ψ	-			
Plus: Total Working Capital		449,661			
Plus: Prior Period (Over)/Under Recovery		5,378,797			
Subtotal	\$	129,849,841			
Bad Debt Percentage		0.86%			
Bad Debt Allowance	\$	1,118,204			
Plus: Bad Debt Reconciliation (Acct 175.52)	•	(170,566)			
Total Bad Debt Allowance			\$	947,639	
Production and Storage Capacity			\$	3,685,458	
Miscellaneous Overhead 11/01/202- 04/30/23	\$				
Times Winter Sales	Φ	92,781			
Divided by Total Sales		116,430			
Miscellaneous Overhead		,		-	
Total Anticipated Indirect Cost of Gas			\$	5,082,758	
·			•	400.070.05=	
Total Cost of Gas		:	\$	132,672,697	=
			Issued by:		
Issued:			issueu by.		Neil Proudman
Effectives Neverbard 2000			Title:		President
Effective: November 1, 2022					

## II. RATE SCHEDULES

# Calculation of Firm Transportation Cost of Gas Rate PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)		(Col 3)		(	Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:						
PROPANE	\$ 2,297,840					
LNG	10,347,463					
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	12,645,303 <u>8.7%</u> \$ 1,100,141					
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	92,780,984 43,122,920 135,903,904		68.3% <u>31.7%</u> 100.0%			
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x	\$1,100,141	=	\$	349,080
PRIOR (OVER) OR UNDER COLLECTION					_	72,941
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS					\$	422,021
PROJECTED FIRM TRANSPORTATION THROUGHPUT					43,	122,920
FIRM TRANSPORTATION COST OF GAS					\$	0.0098
Issued: October xx, 2022			lss	sued by:		Proudma
Effective: November 1, 2022				Title:		sident

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2022 in Docket DG 22-045

Neil Proudman

## 34. ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS Environmental Surcharge

## **Manufactured Gas Plants**

Required Annual Environmental Increase \$983,056

DG 19-145 Audit

approved by Order \$341,389

Estimated Ending Balance on October 31, 2022 \$89,763

Environmental Subtotal \$1,414,208

Overall Annual Net Increase to Rates \$1,414,208

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/2023 - sales and transportation 186,338,561 therms

MGP Surcharge per therm \$0.0076 per therm

Gasholder and pond at Gas Street, Concord, NH

Required Annual Environmental Increase \$69,514

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/2023 - sales and transportation 186,338,561 therms

Gasholder and pond at Gas Street, Concord, NH Surcharge per therm \$0.0004 per therm

Total Environmental Surcharge \$0.0080

Issued: Issued by:

Effective: November 1, 2022 Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045

## NHPUC NO. 11 - GAS LIBERTY UTILITIES

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty
Local Distribution Adjustment Charge (LDAC) decrease due to Rate Case Expense and Recoupment
For LDAC effective November 1, 2022 - October 31, 2023

<u>Description</u>			<u>Total</u>
Prior Period Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of October 31, 2022		\$	129,039
Rate Case Expense DG 17-048		\$	(4,836)
Rate Case Expense DG 20-105		\$	680,768
Rate Case Expense to Recover as of August 31, 2022		\$	675,932
Desirated Description of (Data Costs Francisco Description)		•	004.074
Projected Recoupment/Rate Case Expense Recovery		\$	804,971
Projected Interest		*	17,048
Total Projected Recovery, November 1, 2022 - October 31, 2023		\$	822,018
Forecast Throughput (Therms)		18	6,338,561
RCE Factor (\$/Therm)			\$0.0044
Issued:	Issued by:		
	,	Neil	Proudman
Effective: November 1, 2022	Title:	Pres	sident

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-xxx.

## 36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

## **Local Delivery Adjustment Charge Calculation**

Local I	Delivery Adjustment Charge Calculation		
		Sales	Transportation
		Customers	<u>Customers</u>
Residential Non Heating Rates - R-1			
Energy Efficiency Charge	0.0664		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)		0.0664	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0076		
Environmental Surcharge (ES)	0.0070	0.0076	
• ,			
Revenue Decoupling Adjustment Factor (RDAF)		0.0000	
Property Tax Adjustment Mechanism (PTAM)		0.0124	
Rate Case Expense Factor (RCEF)		0.0044	
Gas Assistance Program (GAP)	<u>-</u>	0.0203	
LDAC		0.1110	per therm
Residential Heating Rates - R-3, R-4, R-6, R-7			
Energy Efficiency Charge	0.0664		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	0.0000	0.0664	
	0.0000	0.0004	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0076		
Environmental Surcharge (ES)		0.0076	
Revenue Decoupling Adjustment Factor (RDAF)		0.0000	
Property Tax Adjustment Mechanism (PTAM)		0.0124	
Rate Case Expense Factor (RCEF)		0.0044	
Gas Assistance Program (GAP)		0.0203	
LDAC	-		per therm
EBAG		0.1110	por unorm
Commercial/Industrial Low Annual Has Betsa C 44 C E4 C	44 C EE		
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-			
Energy Efficiency Charge	0.0442		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)		0.0442	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0076		
Environmental Surcharge (ES)		0.0076	0.007589455
Revenue Decoupling Adjustment Factor (RDAF)		0.0000	0
Property Tax Adjustment Mechanism (PTAM)		0.0124	0.012353063
Rate Case Expense Factor (RCEF)		0.0044	0.0044
Gas Assistance Program (GAP)	-	0.0203	0.0203
LDAC		0.0888	0.088842518 per therm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52	2, G-45, G-56		
Energy Efficiency Charge	0.0442		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)		0.0442	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0076		
	0.0070	0.0076	0.007590455
Environmental Surcharge (ES)		0.0076	0.007589455
Revenue Decoupling Adjustment Factor (RDAF)		0.0000	0
Property Tax Adjustment Mechanism (PTAM)		0.0124	0.012353063
Rate Case Expense Factor (RCEF)		0.0044	0.0044
Gas Assistance Program (GAP)		0.0203	0.0203
LDAC	-	0.0888	0.088842518 per therm
			•
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G	G-54, G-46, G-56, G-57, G-58		
Energy Efficiency Charge	0.0442		
Demand Side Management Charge	0.0000		
	0.0000	0.0440	0.0440
Conservation Charge (CCx)		0.0442	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0076		
Environmental Surcharge (ES)		0.0076	0.007589455
Revenue Decoupling Adjustment Factor (RDAF)		0.0000	0
Property Tax Adjustment Mechanism (PTAM)		0.0124	0.012353063
Rate Case Expense Factor (RCEF)		0.0044	0.0044
			0.0203
Gas Assistance Program (GAP)	-	0.0203	
LDAC		0.0888	0.088842518 per therm

Issued: Issued by: Neil Proudman Effective: November 1, 2022 President

Issued in compliance with NHPUC Order No. xx,xxx dated xxx xx, 2022, in Docket DG 22-045

## **III DELIVERY TERMS AND CONDITIONS**

	ATTACHMENT B Schedule of Admini	strative Fees and Charges		
	I.	Supplier Balancing Charge:	\$ 0.21	per MMBtu of Daily Imbalance Volumes")
	II.	Capacity Mitigation Fee	15%	of the Proceeds from the Marketing of
	III.	Peaking Demand Charge	\$ 56.69	MMBTU of Peak MDQ
	IV.	Company Allowance Calculation (per Schedule 25)	66,126,573	Total Sendout - Therms Jul-2021 - Jun-2022 Total Throughput - Therms Jul-2021 - Jun-2022 Variance (Sendout - Throughput)
		Company Allowance Percentage 2022-23	, ,	Variance / Total Sendout
Issued:				Issued by: Neil Proudman
Effective:	November 1, 2022			Title: President

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## **III DELIVERY TERMS AND CONDITIONS**

## **ATTACHMENT C**

## **CAPACITY ALLOCATORS**

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual /High Winter Use	71.5%	17.4%	11.0%	100.0%
G-51	Low Annual /Low Winter Use	79.5%	12.6%	7.9%	100.0%
G-42	Medium Annual / High Winter	71.5%	17.4%	11.0%	100.0%
G-52	High Annual / Low Winter Use	79.5%	12.6%	7.9%	100.0%
G-43	High Annual / High Winter	71.5%	17.4%	11.0%	100.0%
G-53	High Annual / Load Factor < 90%	79.5%	12.6%	7.9%	100.0%
G-54	High Annual / Load Factor < 90%	79.5%	12.6%	7.9%	100.0%

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2022 in Docket DG 22-045

<u>Page</u>	Revision
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TOC i	First Revised
TOC ii	Original
TOC iii	First Revised
TOC iv	Original
1	Thirty-firstieth Revised
2	Second Revised
3	Twenty-nintheight Revised
4	Twenty-seventh fifth Revised
5	First Revised Original
6	Original
7	Original
8	Original
9	First Revised
10	Original
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22	Original
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DATED: September 27, 2022 ISSUED BY: /s/Neil Proudman Neil Proudman

EFFECTIVE: November October 1, 2022 TITLE: President

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59	Second Revised
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81	Second Revised
82	Original
83	Second Revised
84	Original
85	Second Revised
86	Original
87	Fifteenthourteenth Revised
88	Seventeenthixteenth Revised
89	Fifteenth Revised

DATED: September 27, 2022 ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2022 October 1, 2022

TITLE: President

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90	Original
91	SecondFirst Revised
92	Fourth Third Revised
93	EighthSeventh Revised
94	SecondFirst Revised
95	SeventhSixth Revised
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98	SecondFirst Revised
99	SecondFirst Revised
100	SecondFirst Revised
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114	Original
115	Original
116	Original
117	Original
118	Original
119	Original
120	Original
121	Original
122	Original
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DATED: September 26, 2022 ISSUED BY: /s/Neil Proudman Neil Proudman

EFFECTIVE: November October 1, 2022 TITLE: President

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149	Original
150	Original
151	Original
152	Original
153	SecondFirst Revised
154	SecondFirst Revised

DATED: November 12, 2021

EFFECTIVE:November 1, 20224

ISSUED BY: /s/Neil Proudman
Neil Proudman
President

## II RATE SCHEDULES FIRM RATE SCHEDULES

Rates effective November 1, 2022 - April 30, 2023 Winter Period Rates Effective May 1, 2023 - October 31, 2023 Summer Period

	willter Period			Summer Period				
	046		Con		Cost of	04-6		
	Delivery <u>Charge</u>	Cost of Gas Rate Page 95	LDAC Page 101	Total <u>Rate</u>	Delivery <u>Charge</u>	Cost of Gas Rate Page 92	LDAC Page 101	Total <u>Rate</u>
Residential Non Heating - R-1 Customer Charge per Month per Meter All Therms	\$ 15.39 \$ 0.5129		\$ 0.1065 \$ 0.1318	\$ 15.39 \$ 2.0494 \$ 1.3065	\$ 15.39 \$ 0.5129 \$ 0.4873		\$ \$ 0.1065 \$ \$ 0.1318 \$	15.39 1.6463 - 1.8486
Residential Heating - R-3 Customer Charge per Month per Meter All Therms	\$ 15.39 \$ 0.65		\$ 0.1065 \$ 0.1318	\$ 15.39 \$ 2.1884 \$ 1.3065	\$ 15.39 \$ 0.6519		\$ \$ 0.1065 \$ \$ 0.1318 \$	15.39 1.7853 ————————————————————————————————————
Residential Heating - R-4 Customer Charge per Month per Meter All Therms	\$ 8.47 \$ 0.36		\$ 0.1065 \$ 0.1318	\$ 8.47 \$ 1.2515 \$ 0.7779	\$ 15.39 \$ 0.6519		\$ \$ 0.1065 \$ \$ 0.1318 \$	15.39 1.7853 1.3613
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 63.30 100 Therms \$ 0.51	\$ 1.4301	\$ 0.0843	\$ 63.30 \$ 2.0232	\$ 63.30 20 therms \$ 0.5088	\$ 1.0271	\$ \$ 0.0843 \$	63.30 1.6202
All therms over the first block per month at	\$ 0.36	\$ 1.1749 \$ 1.4301	\$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 1.2740 \$ 1.8694 \$ 1.2740	\$ 0.3550	\$ 1.2303 \$ 1.0271	\$ 0.0991 \$ \$ 0.0843 \$ \$ 0.0991 \$	1.3294 1.4664 1.3294
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 189.84 1000 therms \$ 0.4634		\$ 0.0843	\$ 189.84 \$ 1.9778	\$ 189.84 400 therms \$ 0.4634	\$ 1.0271	\$ \$ 0.0843 \$	189.84 1.5748
All therms over the first block per month at	\$ 0.3212	\$ 1.4301	\$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 1.2740 \$ 1.8356 \$ 1.2740	\$ 0.3212	\$ 1.0271	\$ 0.0991 \$ 0.0843 \$ 0.0991 \$ 0.0991 \$	1.3294 1.4326 1.3294
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$ 811.98 \$ 0.2863		\$ 0.0843 \$ 0.0991	\$ 811.98 \$ 1.8007 \$ 1.2740	\$ 811.98 \$ 0.1441	\$ 1.0271 \$ 1.2303	\$ \$ 0.0843 \$ \$ 0.0991 \$	811.98 1.2555 1.3294
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 63.38 100 therms \$ 0.3070		\$ 0.0843	\$ 63.38 \$ 1.8209	\$ 63.38 100 therms \$ 0.3070	\$ 1.0266	\$ \$ 0.0843 \$	63.38 1.4179
All therms over the first block per month at	\$ 0.2084	\$ 1.1732 \$ 1.4296	\$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 1.2723 \$ 1.7223 \$ 1.2723	\$ 0.2084	\$ 1.2284 \$ 1.0266	\$ 0.0991 \$ \$ 0.0843 \$ \$ 0.0991 \$	1.3275 1.3193 1.3275
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 189.57 1000 therms \$ 0.2647		\$ 0.0843	\$ 189.57 \$ 1.7786	\$ 189.57 1000 therms \$ 0.1978	\$ 1.0266	\$ \$ 0.0843 \$	189.57 1.3087
All therms over the first block per month at	\$ 0.1836	\$ 1.1732 \$ 1.4296	\$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 1.2723 \$ 1.6975 \$ -1.2723	\$ 0.1219	\$ 1.2284	\$ 0.0991 \$ 0.0843 \$ 0.0991	1.2328
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$ 838.52 \$ 0.1851		\$ 0.0843 \$ 0.0991	\$ 838.52 \$ 1.6990 \$ 1.2723	\$ 838.52 \$ 0.0968		\$ \$ 0.0843 \$ \$ 0.0991 \$	838.52 1.2077 1.3275
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$ 839.19 \$ 0.0705		\$ 0.0843 \$ 0.0991	\$ 839.19 \$ 1.5844 \$ 1.2723	\$ 839.19 \$ 0.0409		\$ \$ 0.0843 \$ \$ 0.0991 \$	839.19 1.1518 ———————————————————————————————————

Issued by: Title:

Neil Proudman President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,654 dated July 27, 2022 in Docket DG 20-105

## II RATE SCHEDULES FIRM RATE SCHEDULES

	Rates effective November 1, 2022 - April 30, 2023 Winter Period				Rates Effective May 1, 2023 - October 31, 2023 Summer Period			
	Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 95</u>	LDAC Page 101	Total <u>Rate</u>	Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 92</u>	LDAC Page 101	Total <u>Rate</u>
Residential Non Heating - R-5 Customer Charge per Month per Meter All Therms	\$ 20.01 \$ 0.6668 \$		0.1065 \$ 0.1318 \$	2.2033	\$ 20.01 \$ 0.6668	\$ 1.0269 \$ 1.2295		\$ 20.01 \$ 1.8002 \$ 1.3613
Residential Heating - R-6 Customer Charge per Month per Meter Therms in the first block per month at Residential Heating - R-7	\$ 20.01 \$ 0.8475 \$	1.4300 \$	0.1065 \$ 		\$ 20.01 \$ 0.8475 \$ 0.8238	\$ 1.0269 \$ 1.2295		\$ 20.01 \$ 1.9809 \$ 2.1851
Customer Charge per Month per Meter Therms in the first block per month at	\$ 11.01 \$ 0.4531 \$	0.7865 \$ 0.6461 \$	0.1065 \$ 	1.3461	\$ 20.01 \$ 0.8475	\$ 1.0269 \$ 1.2295		\$ 20.01 \$ 1.9809 \$ 1.3613
Commercial/Industrial - G-44 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at  All therms over the first block per month at	\$ 82.29 100 therms \$ 0.6614 \$ \$ 0.4614 \$	1.1749 \$ 1.4301 \$	0.0843 \$ 0.0991 \$ 0.0843 \$	2.1758 1.2740 1.9758	\$ 82.29 20 therms \$ 0.6614 \$ 0.4614	\$ 1.0271 \$ 1.2303 \$ 1.0271 \$ 1.2303	\$ 0.0843 \$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 82.29 \$ 1.7728 \$ 1.3294 \$ 1.5728 \$ 1.3294
Commercial/Industrial - G-45 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 246.78 1000 therms \$ 0.6023 \$ \$ 0.4175 \$	1.1749 \$	0.0843 \$ 0.0991 \$ 0.0843 \$	2.1167 1.2740	\$ 246.78 400 therms \$ 0.6023 \$ 0.4175	\$ 1.0271 \$ 1.2303 \$ 1.0271	\$ 0.0843	\$ 246.78 \$ 1.7137 \$ 1.3294 \$ 1.5289
Commercial/Industrial - G-46 Customer Charge per Month per Meter All therms over the first block per month at	\$ 1,055.58 \$ 0.3722 \$	1.1749 \$ 1.4301 \$ 1.1749 \$	0.0991 \$ 0.0843 \$ 0.0991 \$	1,055.58	\$ 1,055.58 \$ 0.1873	\$ 1.2303 \$ 1.0271 \$ 1.2303	\$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 1,055.58 \$ 1,2987 \$ 1.3294
Commercial/Industrial - G-55 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 82.39 100 therms \$ 0.3992 \$	1.4296 \$	0.0843 \$	1.9131	\$ 82.39 100 therms \$ 0.3992	\$ 1.0266 \$ 1.2284	\$ 0.0843 \$ 0.0991	\$ 82.39 \$ 1.5101 \$ 1.3275
All therms over the first block per month at Commercial/Industrial - G-56	\$ 0.2387 \$	1.4296 \$	0.0843	1.7526	\$ 0.2387	\$ 1.0266 \$ 1.2284	\$ 0.0843	\$ 1.3496 \$ 1.3275
Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 246.43 1000 therms \$ 0.3442 \$ \$ 0.2387 \$	1.1732 \$	0.0843 \$	1.8581 1.2723 1.7526	\$ 246.43 1000 therms \$ 0.2572 \$ 0.1585		\$ 0.0843 \$ 0.0991 \$ 0.0843 \$ 0.0991	\$ 246.43 \$ 1.3681 \$ 1.3275 \$ 1.2694 \$ 1.3275
Commercial/Industrial - G-57 Customer Charge per Month per Meter All therms over the first block per month at	\$ 1,090.08 \$ 0.2407 \$		0.0843 \$	1,090.08	\$ 1,090.08 \$ 0.1259	\$ 1.0266 \$ 1.2284	\$ 0.0843 \$ 0.0991	\$ 1,090.08 \$ 1.2368 \$
Commercial/Industrial - G-58 Customer Charge per Month per Meter All therms over the first block per month at	\$ 1,090.95 \$ 0.0916 \$		0.0843 \$ 	1.6055	\$ 1,090.95 \$ 0.0531	\$ 1.0266 \$ 1.2284	\$ 0.0843 \$ 0.0991	\$ 1,090.95 \$ 1.1640 \$ 1.3275
Issued: October xx, 2021  Effective: Nevember 1, 2021  November 1, 2022						Issued by:	Neil Proudman President	

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,654 dated July 27, 2022 in Docket DG 20-105-

132 141

\$ 15,157,985

Total Anticipated Indirect Cost of Gas

Total Cost of Gas

**Anticipated Cost of Gas** PERIOD COVERED: SUMMER PERIOD, MAY 1, 2023 THROUGH OCTOBER 31, 2023 PERIOD COVERED: SUMMER PERIOD, MAY 1, 2022 THROUGH OCTOBER 31, 2022 (REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE) (Col 1) (Col 2) (Col 3) (Col 2) (Col 3) ANTICIPATED DIRECT COST OF GAS Purchased Gas: Demand Costs: \$ 3,276,842 \$ Supply Costs: 6,971,475 Storage Gas: Demand, Capacity: Commodity Costs: Produced Gas: 82 504 **Hedged Contract Savings Unadjusted Anticipated Cost of Gas** \$ 10,330,821 \$ Adjustments: Prior Period (Over)/Under Recovery as of September 1, 2021 September 01, 2022 \$ 4,472,186 \$ Interest 222,837 \$ Prior Period Adjustments \$ Broker Revenues \$ Refunds from Suppliers \$ Fuel Financing \$ Transportation CGA Revenues \$ Interruptible Sales Margin \$ Capacity Release and Off System Sales Margin \$ Hedging Costs \$ Fixed Price Option Administrative Costs \$ **Total Adjustments Total Anticipated Direct Cost of Gas** \$ 15,025,844 \$ **Anticipated Indirect Cost of Gas** Working Capital: Total anticipated Direct Cost of Gas (05/01/22 - 10/31/22)(05/01/23 - 10/31/23) \$ 10.330.821 \$ Working Capital Rate 0.0000 0.00% Prime Rate 3.25% Working Capital Percentage 0.007% Working Capital \$ 769 Plus: Working Capital Reconciliation (Acct 142.20) (Acct 1163-1424) 4,555 Total Working Capital Allowance 5.324 **Bad Debt:** Total anticipated Direct Cost of Gas (05/01/22 - 10/31/22)(05/01/23 - 10/31/23) \$ 10,330,821 \$ Less: Refunds \$ Plus: Total Working Capital 5,324 \$ Plus: Prior Period (Over)/Under Recovery 4,472,186 Subtotal \$ 14 808 331 Bad Debt Percentage 0.70% 0.00% Bad Debt Allowance 103.658 Plus: Bad Debt Reconciliation (Acct 175.52) (Acct 1163-1754) 23.159 Total Bad Debt Allowance 126,817 Production and Storage Capacity Miscellaneous Overhead (05/01/22 - 10/31/22) (05/01/23 - 10/31/23) \$ Times Summer Winter Sales 23 366 \$ Divided by Total Sales 115.043 Miscellaneous Overhead

Issued:		Issued by:	
	October xx, 2021		Neil Proudman
Effective:	November 1, 2022	Title:	President
	November 1, 2021		

# CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: SUMMER PERIOD, MAY 1, 2023 THROUGH OCTOBER 31, 2023 PERIOD COVERED: SUMMER PERIOD, MAY 1, 2022 THROUGH OCTOBER 31, 2022 (Refer to Text in Section 17 Cost of Gas Clause)

(Col 1)		<del>(Col 2)</del>	(Col 3)	(Col 2)		(Col 3)	
Total Anticipated Direct Cost of G Projected Prorated Sales (05/01/2 Direct Cost of Gas Rate	ias 23 - 10/31/23) (05/01/22 - 10/31/22)	\$9,653,380 20,973,031	<del>\$ 0.4603</del>	\$23,652,124 \$23,648,905	\$	1 0001	per therm
Direct Gost of Gas Nate			Ψ 0.4000		Ψ	1.0001	per mem
Demand Cost of Gas Rate		<del>\$4,548,346</del>	<del>\$ 0.2169</del>	\$ 3,233,514	\$	0.1367	
Commodity Cost of Gas Rate		<del>-3,136,847</del>	<del>\$ 0.1496</del>	\$ 9,324,405	\$	0.3943	
Adjustment Cost of Gas Rate		<del>-1,968,188</del>	<del>\$ 0.0938</del>	\$11,094,205	\$	0.4691	
Total Direct Cost of Gas Rate		<del>\$9,653,380</del>	<del>\$ 0.4603</del>	\$23,652,124	\$	1.0001	
Total Anticipated Indirect Cost of Projected Prorated Sales (05/01/	Gas '23 - 10/31/23) (05/01/22 - 10/31/22)	<del>\$ (174,652)</del> <del>20,973,031</del>		\$ 634,259 23,648,905			
Indirect Cost of Gas	, (		\$(0.0083)		\$	0.0268	per therm
	ST OF GAS EFFECTIVE 05/01/23 ST OF GAS EFFECTIVE 05/01/22		\$ 0.4520		\$	1 0269	per Therm
TOTAL TERIOD AVERAGE GOO	OF GROEFFEOTIVE GOTOTIE		Ψ 0.4020		Ψ	1.0203	per mem
RESIDENTIAL COST OF GAS R	ATE - 05/01/2023			COGsr	\$	1.0269	/therm
COM/IND HIGH WINTER USE CO	OST OF GAS RATE - 05/01/2023			COGsh	\$	1.0271	/therm
	Average Demand Cost of Gas Rate Effecti 'Times: High Winter Use Ratio (Summer) Times: Correction Factor	ive 05/01/23	\$ 0.1367 \$ 1.0005 \$ 1.0009	(COG + 25%)	\$	1.2839	
				_			

COM/IND LOW WINT	TER USE COST OF GAS RATE - 10/01/2023		COGsI	\$ 1.0266 /therm
	Average Demand Cost of Gas Rate Effective 05/01/23	\$ 0.1367		
	'Times: Low Winter Use Ratio (Summer)	\$ 0.9971	(COG + 25%)	\$ 1.2833
	Times: Correction Factor	\$ 1.0009		
	Adjusted Demand Cost of Gas Rate	\$ 0.1364		
	Commodity Cost of Gas Rate	\$ 0.3943		
	Adjustment Cost of Gas Rate	\$ 0.4691		
	Indirect Cost of Gas Rate	\$ 0.0268		
	Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 1.0266		

\$ 0.1369

\$ 0.3943 \$ 0.4691

\$ 0.0268

\$ 1.0271

Adjusted Demand Cost of Gas Rate

Adjusted Com/Ind High Winter Use Cost of Gas Rate

Commodity Cost of Gas Rate Adjustment Cost of Gas Rate

Indirect Cost of Gas Rate

Issued: October xx, 2021 Issued by:

Neil Proudman
Title: President

Effective: November 1, 2021

November 1, 2022

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,649 dated July 15, 2022 in Docket DG 21-130

October xx, 2021 November 1, 2022 November 1, 2021

Effective:

# II. RATE SCHEDULES CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) Direct Cost of Gas Rate	\$ 74,822,730 — 92,780,984	\$ 0.8557	\$ 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 Underground Storage Contract (Savings)/Loss Total Direct Cost of Gas Rate	\$—13,859,546 —60,820,831 ——142,353 ———— \$—74,822,730	\$ 0.1585 \$ 0.6955 \$ 0.0016 \$ \$ 0.8557		\$ 0.1348 per therm \$ 1.2668 per therm \$ 0.0385 per therm \$ (0.0472) per therm \$ 1.3752 per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) Indirect Cost of Gas	\$—4,360,293 —87,443,741	\$ 0.0499	\$ 5,082,758 92,780,984	\$ 0.0548 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)		\$ 0.9056		\$ 1.4300
Calculation of FPO Excluding Low Income - Rate Code R-3  TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)  FPO Risk Premium  TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22)		\$ 0.9056 \$ 0.0200 \$ 0.9256		\$ 1.4300 \$ 0.0200 \$ 1.7535
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22		\$ 0.9256	COGwr	\$ 1.4500 /therm
Calculation of FPO for Gas Assistance Program - Rate Code R-4 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO (Line 13 * 0.55) FPO Risk Premium (Line 14 * 0.55) TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22) (Line 15 * 0.55)	55)			\$ 0.7865 \$ 0.0110 \$ 0.7975
RESIDENTIAL COST OF GAS RATE - LOW INCOME - (R-4) 11/01/22			COGwr	\$ 0.7975 /therm
Issued:			Issued by:	N. T. Davidson

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,541 dated October 29, 2021 in Docket DG 21-130

Neil Proudman

President

Title:

## 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	<del>2)</del>	(Col 3)	(Col 2)		(Col 3)	
Total Anticipate	d Direct Cost of Gas		\$ 94,81	0.891		\$ 127,589,939			
	ted Sales (11/01/21 - 04/30/22) <del>(11/01/20 - 04/30/21)</del>			3,741		\$ 92,780,984			
Direct Cost of	Gas Rate				1.0843		\$	1.3752	per therm
Demand Cost	of Gas Rato		¢ 13.86	8,897	0.1586	\$ 12,510,219	Φ.	0.1348	
Commodity Co				0,853	0.9238	\$ 117,533,374		1.2668	
Adjustment Co			-	31,141	0.0018	\$ 3,568,556		0.0385	
Hedge Contrac						\$ (6,022,210	) \$	(0.0649)	)
Total Direct Co	est of Gas Rate		\$ 94,81	0,891	1.0843	\$ 127,589,939	\$	1.3752	
Total Anticipate	d Indirect Cost of Gas		\$ 4.33	88,002		\$ 5,082,758			
	ted Sales (11/01/21 - 04/30/22) (11/01/20 - 04/30/21)			3,741		92,780,984			
Indirect Cost o	f Gas				<del>\$ 0.0496</del>		\$	0.0548	per therm
TOTAL PERIO	O AVERAGE COST OF GAS EFFECTIVE 11/01/22						\$	1 // 300	per Therm
	O AVERAGE COST OF GAS EFFECTIVE 11/01/21				\$ <u>1.1339</u>		Ψ	1.4300	per memi
RESIDENTIAL	COST OF GAS RATE - 11/01/22					COGwr	\$	1.4300	/therm
RESIDENTIAL	COST OF GAS RATE - 11/01/21					COGwr	\$	1.1339	<del>/therm</del>
					Maximum	(COG + 25%)	\$	1.4174	\$ 1.7875
GAS ASSISTA	NCE PLAN RESIDENTIAL COST OF GAS RATE R-4 & R-7 -	11/01/22					) \$	0.7865	/therm
							•	0000	74.101111
GAS ASSISTA	NCE PLAN RESIDENTIAL COST OF GAS RATE R-4 & R-7 -	11/01/21					\$	0.6236	/therm
					Maximum	(COG + 25%)	\$	0.7796	\$ 0.9831
						<u> </u>			
C&I HIGH WINT	TER USE COST OF GAS RATE - 11/01/22					COGwr	\$	1.4301	/therm
C&I HIGH WINT	FER USE COST OF GAS RATE - 11/01/21					COGwh	\$	1.1341	/therm
C&I HIGH WINT									
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0				Maximum	(COG + 25%)	\$ \$		\$ 1.7876
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 44/01/24 11/0 Times: High Winter Use Ratio (Winter)	<del>1.0017</del>	1	.0005	Maximum				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0		1 1		Maximum				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 41/01/24 11/0 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate		1 1 \$ 0	.0005 .0001 0.1349	-				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/01 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate		1 1 \$ 0 \$ 1	.0005 .0001 0.1349	Minimum				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/01 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		\$ 0 \$ 1 0	.0005 .0001 0.1349 1.2668 0.0385	-				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/01 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate		\$ 0 \$ 1 0 0	.0005 .0001 0.1349	- Minimum Maximum				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/01 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		\$ 0 \$ 1 0 0 (0	.0005 .0001 0.1349 1.2668 0.0385 0.0548	- Minimum Maximum				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 14/01/21 11/0 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)		\$ 0 \$ 1 0 0 (0	.0005 .0001 0.1349 1.2668 0.0385 0.0548 0.0649)	- Minimum Maximum				
C&I HIGH WINT	Average Demand Cost of Gas Rate Effective 14/01/21 11/0 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)		\$ 0 \$ 1 0 0 (0	.0005 .0001 0.1349 1.2668 0.0385 0.0548 0.0649)	- Minimum Maximum				
	Average Demand Cost of Gas Rate Effective 14/01/21 11/0 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)		\$ 0 \$ 1 0 0 (0	.0005 .0001 0.1349 1.2668 0.0385 0.0548 0.0649)	- Minimum Maximum			1.4176	
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/01 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		\$ 0 \$ 1 0 0 (0	.0005 .0001 0.1349 1.2668 0.0385 0.0548 0.0649)	- Minimum Maximum	(COG + 25%)	\$	1.4296	\$ 1.7876
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/01 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		\$ 0 \$ 1 0 0 (0	.0005 .0001 0.1349 1.2668 0.0385 0.0548 0.0649)	- Minimum Maximum	(COG + 25%)	\$	1.4296	\$ 1.7876
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341	\$ 0 \$ 1 0 0 0 (0 \$ 1	0005 0001 1349 2668 0385 0548 0649) 4950	- Minimum Maximum	(COG + 25%)	\$	1.4176	\$ 1.7876
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/20 11/0 Times: Low Winter Use Ratio (Winter)	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341	\$ 1 0 0 0 0 0 0 0 0	0005 0001 1349 2668 0385 0548 0649) 4950	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  TER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/20 11/0 Times: Low Winter Use Ratio (Winter) Times: Correction Factor	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.00496 \$-1.1341 1 \$-0.1586 -0.9910 -1.0001	\$ 1 \$ 0 \$ 1 \$ 0 (0 \$ 1	.0005 .0001 .1349 .2668 .0385 .0548 .0649) .4950	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/20 11/0 Times: Low Winter Use Ratio (Winter)	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341	\$ 1 \$ 0 \$ 1 \$ 0 (0 \$ 1	0005 0001 1349 2668 0385 0548 0649) 4950	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  TER USE COST OF GAS RATE - 11/01/22  ER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/29 11/0 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341 1 \$-0.1586 -0.9910 -1.0001 \$-0.1572 \$-0.9238	\$ 0 \$ 1 \$ 0 \$ 1 \$ 0 \$ 1 \$ 0 \$ 1	.0005 .0001 .1349 .2668 .0385 .0.548 .0.0649 .4950 .1348 .9971 .1344 .0001	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  TER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/20 11/0 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 Adjustment Cost of Gas Rate	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341 1 \$-0.1586 -0.9910 -1.0001 \$-0.1572 \$-0.9238 -0.0018	\$ 1 \$ 0 \$ 1 0 0 0 (0 \$ 1 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	.0005 .0001 .1349 .2668 .0385 .0548 .0649) .4950 .1348 .0971 .0001 .1344 .2668	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/29 11/0 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	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341 1 \$-0.1586 -0.9910 -1.0001 \$-0.1572 \$-0.9238	\$ 1 \$ 0 \$ 1 \$ 0 \$ 1 \$ 0 \$ 1 \$ 0 \$ 1	.0005 .0001 .1349 .2668 .00385 .00548 .00649 .4950 .1344 .0001 .1344 .2668 .0385 .00548	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  TER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/20 11/0 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 Adjustment Cost of Gas Rate	1.0017 -1.0001 \$-0.1589 \$-0.9238 -0.0018 -0.0496 \$-1.1341 1 \$-0.1586 -0.9910 -1.0001 \$-0.1572 \$-0.9238 -0.0018	\$ 00 \$ 1 \$ 0 (00 \$ 1 \$ 0 \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0005 .0001 .1349 .2668 .0385 .0548 .0649) .4950 .1348 .0971 .0001 .1344 .2668	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 44/04/24 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 41/01/20 11/0 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 Indirect Cost of Gas Rate Hedge Contract (Savings)	1.0017 -1.0001 \$ -0.1589 \$ -0.9238 -0.0018 -0.0496 \$ -1.1341 1 \$ -0.1586 -0.9910 -1.0001 \$ -0.1572 \$ -0.9238 -0.0018 -0.00496	\$ 00 \$ 1 \$ 0 (00 \$ 1 \$ 0 \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0005 .0001 .1349 .2668 .0385 .0548 .0.649) .4950 .1344 .2668 .0385 .0385 .0385 .0385 .0385	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 44/04/24 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 41/01/20 11/0 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 Indirect Cost of Gas Rate Hedge Contract (Savings)	1.0017 -1.0001 \$ -0.1589 \$ -0.9238 -0.0018 -0.0496 \$ -1.1341 1 \$ -0.1586 -0.9910 -1.0001 \$ -0.1572 \$ -0.9238 -0.0018 -0.00496	\$ 00 \$ 1 \$ 0 (00 \$ 1 \$ 0 \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0005 .0001 .1349 .2668 .0385 .0548 .0.649) .4950 .1344 .2668 .0385 .0385 .0385 .0385 .0385	Minimum Maximum	(COG + 25%)  COGsh  COGw!  (COG + 25%)	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 44/04/24 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 41/01/20 11/0 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 Indirect Cost of Gas Rate Hedge Contract (Savings)	1.0017 -1.0001 \$ -0.1589 \$ -0.9238 -0.0018 -0.0496 \$ -1.1341 1 \$ -0.1586 -0.9910 -1.0001 \$ -0.1572 \$ -0.9238 -0.0018 -0.00496	\$ 00 \$ 1 \$ 0 (00 \$ 1 \$ 0 \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0005 .0001 .1349 .2668 .0385 .0548 .0.649) .4950 .1344 .2668 .0385 .0385 .0385 .0385 .0385	Minimum Maximum	(COG + 25%)  COGsh  COGwl	\$	1.4176	\$ 1.7876 /therm
C&I LOW WINT	Average Demand Cost of Gas Rate Effective 11/01/21 11/0 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  FER USE COST OF GAS RATE - 11/01/22  FER USE COST OF GAS RATE - 11/01/21  Average Demand Cost of Gas Rate Effective 11/01/20 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 Indirect Cost of Gas Rate Hedge Contract (Savings) Adjusted C&I Low Winter Use Cost of Gas Rate	1.0017 -1.0001 \$ -0.1589 \$ -0.9238 -0.0018 -0.0496 \$ -1.1341 1 \$ -0.1586 -0.9910 -1.0001 \$ -0.1572 \$ -0.9238 -0.0018 -0.00496	\$ 00 \$ 1 \$ 0 (00 \$ 1 \$ 0 \$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0005 .0001 .1349 .2668 .0385 .0548 .0.649) .4950 .1344 .2668 .0385 .0385 .0385 .0385 .0385	Minimum Maximum	(COG + 25%)  COGsh  COGw!  (COG + 25%)	\$	1.4296 1.41324 1.4155	\$ 1.7876 /therm

#### Anticipated Cost of Gas PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)

(Col 1)	<del>(Col 2)</del>	(Col 3)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas: Demand Costs: Supply Costs:	\$ 12,887,000 		\$ 11,510,320 93,418,619	
Storage Gas: Demand, Capacity:	\$ 981,898 		\$ 999,899	
Commodity Costs:			11,469,453	
Produced Gas:	2,299,384		12,645,303	
Hedged Contract (Saving)/Loss Hedge Underground Storage Contract (Saving)/Loss			(6,022,210	)) -
Unadjusted Anticipated Cost of Gas		\$ 94,649,751		\$ 124,021,383
Adjustments:				
Prior Period (Over)/Under Recovery (as of 05/01/22) Interest	\$ 1,431,639 44,085		\$ 5,378,797 \$ (283,633	
Fuel Inventory Revenue Requirement	335.667		\$ (283,633 \$ 515,609	
Broker Revenues	(3,600)		\$ (3,600	
Refunds from Suppliers Fuel Financing	<del></del>		\$ - \$ -	
Transportation CGA Revenues	(6,938)		\$ (422,021	1)
Interruptible Sales Margin			\$ -	
Capacity Release and Off System Sales Margins Hedging Costs	(1,676,512)		\$ (1,676,512 \$ -	2)
Fixed Price Option Administrative Costs	36,800	_	\$ 59,917	<u>,                                     </u>
Total Adjustments		<del>161,141</del>		3,568,556
Total Anticipated Direct Cost of Gas		\$ 94,810,891		\$ 127,589,939
Anticipated Indirect Cost of Gas				
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$ 94,649,751		\$ 124,021,383	<b>.</b>
Working Capital Rate: Lead Lag Days / 365	0.0705		\$ 124,021,363	
Prime Rate	3.25%		\$ 0	
Working Capital Percentage Working Capital	9.229% \$ 216,761		\$ 480,659	
			\$ -	
Plus: Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance	(14,859) -	201,902	\$ (30,998	449,661
Bad Debt:				
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$ 94,649,751		\$ 124,021,383	3
Less: Refunds Plus: Total Working Capital	201.902		449.661	
Plus: Prior Period (Over)/Under Recovery	1,431,639		5,378,797	
Subtotal	\$ 96,283,291		\$ 129,849,841	Ī
Bad Debt Percentage	0.70%		0.869	/6
Bad Debt Allowance	\$ 673,983		\$ 1,118,204	
Plus: Bad Debt Reconciliation (Acct 175.52)	(223,340)		\$ (170,566	
Total Bad Debt Allowance	-	\$ 450,643		\$ 947,639
Production and Storage Capacity		\$ 3,685,458		\$ 3,685,458
Miscellaneous Overhead 11/01/202- 04/30/23	\$		\$ -	
Times Winter Sales	91,677		\$ 92,781	
Divided by Total Sales Miscellaneous Overhead	115,043	_	\$ 116,430	
Total Anticipated Indirect Cost of Gas		\$ 4,338,002		\$ 5,082,758
Total Cost of Gas		\$ 99,148,894		\$ 132,672,697
			=	
			Issued by:	
Issued: October xx, 2021			Title:	Neil Proudman President
Effective: November 1, 2022 November 1, 2021			nuo.	i issidelli

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-xxx.

## II. RATE SCHEDULES Calculation of Firm Transportation Cost of Gas Rate #REF!

#REF!

(Refer to text in Section16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	<del>(Col 2)</del>	(Col 3)	(Col 4)	(Col 2)	(Col 3)		(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:							
PROPANE	<del>\$ 920,459</del>			\$ 2,297,840			
LNG	<u>\$ 1,378,925</u>			10,347,463			
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>-2,299,384</u> 8.7% \$-200,046			12,645,303 <u>8.7%</u> \$ 1,100,141			
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	-91,676,680 -42,583,790 134,260,470	68.3% <u>31.7%</u> 100.0%		92,780,984 43,122,920 135,903,904	68.3% <u>31.7%</u> 100.0%		
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	<del>31.7%</del> ×	<del>200,046</del> =	\$ 63,449	31.7% x	\$ 1,100,141	= \$	349,080
PRIOR (OVER) OR UNDER COLLECTION			(56,511)			_	72,941
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTON	MERS		\$ 6,938			\$	422,021
PROJECTED FIRM TRANSPORTATION THROUGHPUT			-42,583,790				43,122,920
FIRM TRANSPORTATION COST OF GAS			\$ 0.0002			\$	0.0098
Issued: October xx, 2021  Effective: November 1, 2021 November 1, 2022					Issued by: Title:	Neil I Pres	Proudman ident
Issued in compliance with NHPUC O	order No. xx,xxx date	ed xxxx xx, 202	2 in Docket DG	22-045			

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,541 dated October 29, 2021 in Docket DG-21-130

## 34. ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS **Environmental Surcharge**

## **Manufactured Gas Plants**

\$983,056 Required Annual Environmental Increase \$ 2.351.805

DG 19-145 Audit adjustment of \$1,024,167 amortized over 3 years,

approved

Estimated Ending Balance on October 31, 2022

July 2020 - June 2021 recovery difference between actual and estimate

Environmental Subtotal

Overall Annual Net Increase to Rates

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/2023 - sales and transportation

MGP Surcharge per therm

Gasholder and pond at Gas Street, Concord, NH

Required Annual Environmental Increase

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/2023 - sales and transportation

Gasholder and pond at Gas Street, Concord, NH Surcharge per therm

**Total Environmental Surcharge** 

Issued: November 12, 2021

Effective:

November 1, 2022 November 1, 2021

\$ 341.389

\$341,389

\$89,763 139,028 \$1,414,208

2,832,222 \$1,414,208 2,832,222

186,338,561 therms

182,829,872

\$0.0076 per therm 0.0155

\$69,514

186,338,561 therms

\$0.0004 per therm

\$0.0080 0.0155

Issued by:

Title:

Neil Proudman

President

November- October xx, 2022

November November 1, 2022

Issued by:

Neil Proudman

Title:

President

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty
Local Distribution Adjustment Charge (LDAC) decrease due to Rate Case Expense and Recoupment
For LDAC effective November 1, 2022 - October 31, 2023
For LDAC effective November 1, 2021 - October 31, 2022

<u>Description</u>	<u>Total</u>	<u>Total</u>
Prior Period Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of October 31, 2022	\$ 72,693	\$ 129,039
Rate Case Expense DG 17-048 Rate Case Expense DG 20-105 Rate Case Expense to Recover as of August 31, 2022	\$ (4,836) \$ 848,198 \$ 843,361	\$ 680,768
Projected Recoupment/Rate Case Expense Recovery Projected Interest Total Projected Recovery, November 1, 2022 - October 31, 2023	\$ 916,054 \$ 21,445 \$ 937,499	\$ 17,048
Forecast Throughput (Therms)	<del>\$ 186,338,56</del> 1	186,338,561
RCE Factor (\$/Therm)	\$ 0.0050	\$0.0044
Issued:	Issued by:	Neil Proudman
Effective: November 1, 2022 November 1, 2021	Title:	President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,541 dated October 29, 2021 in Docket DG 21-130

Effective: November 1, 2022

November 1, 2021

# 36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION 36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION Local Delivery Adjustment Charge Calculation

Local Delivery Adjustment Charge	Calculation	<u>1</u>					
				Sales		Transportation	1
				Customers		Customers	
Residential Non Heating Rates - R-1							
Energy Efficiency Charge			0.0664				
Demand Side Management Charge			0.0000	0.0004			
Conservation Charge (CCx)	•		0.0000	0.0664			
Relief Holder and pond at Gas Street, Concord, NH	0.0455		0.0000				
Manufactured Gas Plants	0.0155	0.0455	0.0076	0.0070			
Environmental Surcharge (ES)		0.0155 0.0152		0.0076 0.0000			
Revenue Decoupling Adjustment Factor (RDAF)		0.0142		0.0000			
Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF)		0.0074		0.0124			
Gas Assistance Program (GAP)		0.0156		0.0203			
LDAC	_	0.0678		0.0203			per therm
LDAG		0.0010		0.1110			per therm
Residential Heating Rates - R-3, R-4, R-6, R-7							
Energy Efficiency Charge			0.0664				
Demand Side Management Charge			0.0000				
Conservation Charge (CCx)			0.0000	0.0664			
Relief Holder and pond at Gas Street, Concord, NH	0		0.0000	0.0001			
Manufactured Gas Plants	<del>0.0155</del>		0.0076				
Environmental Surcharge (ES)	0.0100	0.0155	0.0010	0.0076			
Revenue Decoupling Adjustment Factor (RDAF)		0.0152		0.0000			
Property Tax Adjustment Mechanism (PTAM)		0.0142		0.0124			
Rate Case Expense Factor (RCEF)		0.0074		0.0044			
Gas Assistance Program (GAP)		0.0156		0.0203			
LDAC	-	0.0678		0.1110			per therm
							•
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55							
Energy Efficiency Charge	0.0426		0.0442				
Demand Side Management Charge	0		0.0000				
Conservation Charge (CCx)		0.0426		0.0442	0.04255	0.0442	2
Relief Holder and pond at Gas Street, Concord, NH	0		0.0000				
Manufactured Gas Plants	0.0155		0.0076				
Environmental Surcharge (ES)		0.0155		0.0076	0.01545	0.0076	3
Revenue Decoupling Adjustment Factor (RDAF)		0.0039		0.0000	0.0039	0.0000	)
Property Tax Adjustment Mechanism (PTAM)		0.0142		0.0124	0.0142	0.0124	1
Rate Case Expense Factor (RCEF)		0.0074		0.0044	0.0074	0.0044	1
Gas Assistance Program (GAP)	_	0.0156		0.0203	0.0156	0.0203	<u>3</u>
LDAC		0.0991		0.0888	0.0991	0.0888	3 per therm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56							
Energy Efficiency Charge	0.0426		0.0442				
Demand Side Management Charge	<u> </u>		0.0000				_
Conservation Charge (CCx)	_	0.0426		0.0442	0.04255	0.0442	2
Relief Holder and pond at Gas Street, Concord, NH	0		0.0000				
Manufactured Gas Plants	0.0155		0.0076				
Environmental Surcharge (ES)		0.0155		0.0076	0.01545	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)		0.0039		0.0000	0.0039	0.0000	
Property Tax Adjustment Mechanism (PTAM)		0.0142		0.0124	0.0142	0.0124	
Rate Case Expense Factor (RCEF)		0.0074		0.0044	0.0074	0.0044	
Gas Assistance Program (GAP)  LDAC	_	0.0156 0.0991		0.0203 <b>0.0888</b>	0.0156	0.0203	_
LDAC		<del>0.088 I</del>		0.0000	0.0991	0.0000	3 per therm
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58							
Energy Efficiency Charge	0.0426		0.0442				
Demand Side Management Charge	0.0420		0.0000				
Conservation Charge (CCx)		0.0426	0.0000	0.0442	0.04255	0.0442	)
Relief Holder and pond at Gas Street, Concord, NH	θ	0.0420	0.0000	0.0442	0.04200	0.0442	_
Manufactured Gas Plants	0.0155		0.0076				
Environmental Surcharge (ES)	0.0100	0.0155	0.0010	0.0076	0.01545	0.0076	3
Revenue Decoupling Adjustment Factor (RDAF)		0.0039		0.0076	0.0039	0.0000	
Property Tax Adjustment Mechanism (PTAM)		0.0142		0.0000	0.0033	0.0124	
Rate Case Expense Factor (RCEF)		0.0074		0.0124	0.0074	0.0124	
Gas Assistance Program (GAP)		0.0116		0.0203	0.0116	0.0203	
LDAC	_	0.0991		0.0203	0.0991		per therm
		2.200 T		2.0000	J.500T	0.0000	, ,
Issued:					Issued by:		
						N 7 D 1	

Issued in compliance with NHPUC Order No. xx,xxx dated xxx xx, 2022, in Docket DG 22-045
Authorized by House Bill #549 signed February 24, 2022-

Neil Proudman

President

Title:

## **III DELIVERY TERMS AND CONDITIONS**

### 2 ATTACHMENT B Schedule of Administrative Fees and Charges

l.	Supplier Balancing (	Charge:	\$	0.18	\$ 0.21	
II.	Capacity Mitigation I	Fee		15%	15%	of the Proceeds from the Marketing of Capacity for Mitigation.
III.	Peaking Demand C	harge	\$	54.72	\$ 56.69	
IV.	Company Allowance	e Calculation (per Schedule 25)				
		,	<del>-165,</del> 8	59,380	170,377,710	Total Sendout - Therms Jul-2021 - Jun-2022
			163,8	31,092	166,126,573	Total Throughput - Therms Jul-2021 - Jun-2022
			2,0	28,288	4,251,137	Variance (Sendout - Throughput)
Company Allowan	ce Percentage	2022-23 2021-22		1.2%	2.5%	Variance / Total Sendout

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,541 dated October 29, 2021 in Docket DG 21-130

NHPUC NO. 11 - GAS LIBERTY UTILITIES Proposed First Second Revised Page 154 Superseding Original First Revised Page 154

## ATTACHMENT C

## CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
		69.1%	<del>16.8%</del>	<del>14.1%</del>	
G-41	Low Annual /High Winter Use	71.5%	17.4%	11.0%	100.0%
		<del>76.2%</del>	<del>12.9%</del>	<del>10.9%</del>	
G-51	Low Annual /Low Winter Use	79.5%	12.6%	7.9%	100.0%
		<del>69.1%</del>	<del>16.8%</del>	<del>14.1%</del>	
G-42	Medium Annual / High Winter	71.5%	17.4%	11.0%	100.0%
		<del>76.2%</del>	<del>12.9%</del>	<del>10.9%</del>	
G-52	High Annual / Low Winter Use	79.5%	12.6%	7.9%	100.0%
		<del>69.1%</del>	<del>16.8%</del>	<del>14.1%</del>	
G-43	High Annual / High Winter	71.5%	17.4%	11.0%	100.0%
		<del>76.2%</del>	<del>12.9%</del>	<del>10.9%</del>	
G-53	High Annual / Load Factor < 90%	79.5%	12.6%	7.9%	100.0%
		<del>76.2%</del>	<del>12.9%</del>	<del>10.9%</del>	
G-54	High Annual / Load Factor > 90%	79.5%	12.6%	7.9%	100.0%

> Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2022 in Docket DG 22-045 Issued in compliance with NHPUC Order No. 26,541 dated October 29, 2021 in Docket DG 21-130