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Neil Proudman

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**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 Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b><u>Residential Non Heating - R-1</u></b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.5129	\$ 1.4300	\$ 0.1065	\$ 2.0494	\$ 0.5129	\$ 1.0269	\$ 0.1065	\$ 1.6463
<b><u>Residential Heating - R-3</u></b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.6519	\$ 1.4300	\$ 0.1065	\$ 2.1884	\$ 0.6519	\$ 1.0269	\$ 0.1065	\$ 1.7853
<b><u>Residential Heating - R-4</u></b>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.3585	\$ 0.7865	\$ 0.1065	\$ 1.2515	\$ 0.6519	\$ 1.0269	\$ 0.1065	\$ 1.7853
<b><u>Commercial/Industrial - G-41</u></b>								
Customer Charge per Month per Meter	\$ 63.30			\$ 63.30	\$ 63.30			\$ 63.30
Size of the first block	100 Therms				20 therms			
Therms in the first block per month at	\$ 0.5088	\$ 1.4301	\$ 0.0843	\$ 2.0232	\$ 0.5088	\$ 1.0271	\$ 0.0843	\$ 1.6202
All therms over the first block per month at	\$ 0.3550	\$ 1.4301	\$ 0.0843	\$ 1.8694	\$ 0.3550	\$ 1.0271	\$ 0.0843	\$ 1.4664
<b><u>Commercial/Industrial - G-42</u></b>								
Customer Charge per Month per Meter	\$ 189.84			\$ 189.84	\$ 189.84			\$ 189.84
Size of the first block	1000 Therms				400 therms			
Therms in the first block per month at	\$ 0.4634	\$ 1.4301	\$ 0.0843	\$ 1.9778	\$ 0.4634	\$ 1.0271	\$ 0.0843	\$ 1.5748
All therms over the first block per month at	\$ 0.3212	\$ 1.4301	\$ 0.0843	\$ 1.8356	\$ 0.3212	\$ 1.0271	\$ 0.0843	\$ 1.4326
<b><u>Commercial/Industrial - G-43</u></b>								
Customer Charge per Month per Meter	\$ 811.98			\$ 811.98	\$ 811.98			\$ 811.98
All therms over the first block per month at	\$ 0.2863	\$ 1.4301	\$ 0.0843	\$ 1.8007	\$ 0.1441	\$ 1.0271	\$ 0.0843	\$ 1.2555
<b><u>Commercial/Industrial - G-51</u></b>								
Customer Charge per Month per Meter	\$ 63.38			\$ 63.38	\$ 63.38			\$ 63.38
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3070	\$ 1.4296	\$ 0.0843	\$ 1.8209	\$ 0.3070	\$ 1.0266	\$ 0.0843	\$ 1.4179
All therms over the first block per month at	\$ 0.2084	\$ 1.4296	\$ 0.0843	\$ 1.7223	\$ 0.2084	\$ 1.0266	\$ 0.0843	\$ 1.3193
<b><u>Commercial/Industrial - G-52</u></b>								
Customer Charge per Month per Meter	\$ 189.57			\$ 189.57	\$ 189.57			\$ 189.57
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2647	\$ 1.4296	\$ 0.0843	\$ 1.7786	\$ 0.1978	\$ 1.0266	\$ 0.0843	\$ 1.3087
All therms over the first block per month at	\$ 0.1836	\$ 1.4296	\$ 0.0843	\$ 1.6975	\$ 0.1219	\$ 1.0266	\$ 0.0843	\$ 1.2328
<b><u>Commercial/Industrial - G-53</u></b>								
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838.52			\$ 838.52
All therms over the first block per month at	\$ 0.1851	\$ 1.4296	\$ 0.0843	\$ 1.6990	\$ 0.0968	\$ 1.0266	\$ 0.0843	\$ 1.2077
<b><u>Commercial/Industrial - G-54</u></b>								
Customer Charge per Month per Meter	\$ 839.19			\$ 839.19	\$ 839.19			\$ 839.19
All therms over the first block per month at	\$ 0.0705	\$ 1.4296	\$ 0.0843	\$ 1.5844	\$ 0.0409	\$ 1.0266	\$ 0.0843	\$ 1.1518

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**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			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 95</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
<b><u>Residential Non Heating - R-5</u></b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All Therms	\$ 0.6668	\$ 1.4300	\$ 0.1065	\$ 2.2033	\$ 0.6668	\$ 1.0269	\$ 0.1065	\$ 1.8002
<b><u>Residential Heating - R-6</u></b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.8475	\$ 1.4300	\$ 0.1065	\$ 2.3840	\$ 0.6668	\$ 1.0269	\$ 0.1065	\$ 1.8002
<b><u>Residential Heating - R-7</u></b>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4531	\$ 0.7865	\$ 0.1065	\$ 1.3461	\$ 0.6668	\$ 1.0269	\$ 0.1065	\$ 1.8002
<b><u>Commercial/Industrial - G-44</u></b>								
Customer Charge per Month per Meter	\$ 82.29			\$ 82.29	\$ 82.29			\$ 82.29
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6614	\$ 1.4301	\$ 0.0843	\$ 2.1758	\$ 0.6614	\$ 1.0271	\$ 0.0843	\$ 1.7728
All therms over the first block per month at	\$ 0.4614	\$ 1.4301	\$ 0.0843	\$ 1.9758	\$ 0.4614	\$ 1.0271	\$ 0.0843	\$ 1.5728
<b><u>Commercial/Industrial - G-45</u></b>								
Customer Charge per Month per Meter	\$ 246.78			\$ 246.78	\$ 246.78			\$ 246.78
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.6023	\$ 1.4301	\$ 0.0843	\$ 2.1167	\$ 0.6023	\$ 1.0271	\$ 0.0843	\$ 1.7137
All therms over the first block per month at	\$ 0.4175	\$ 1.4301	\$ 0.0843	\$ 1.9319	\$ 0.4175	\$ 1.0271	\$ 0.0843	\$ 1.5289
<b><u>Commercial/Industrial - G-46</u></b>								
Customer Charge per Month per Meter	\$ 1,055.58			\$ 1,055.58	\$ 1,055.58			\$ 1,055.58
All therms over the first block per month at	\$ 0.3722	\$ 1.4301	\$ 0.0843	\$ 1.8866	\$ 0.1873	\$ 1.0271	\$ 0.0843	\$ 1.2987
<b><u>Commercial/Industrial - G-55</u></b>								
Customer Charge per Month per Meter	\$ 82.39			\$ 82.39	\$ 82.39			\$ 82.39
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3992	\$ 1.4296	\$ 0.0843	\$ 1.9131	\$ 0.3992	\$ 1.0266	\$ 0.0843	\$ 1.5101
All therms over the first block per month at	\$ 0.2710	\$ 1.4296	\$ 0.0843	\$ 1.7849	\$ 0.2710	\$ 1.0266	\$ 0.0843	\$ 1.3819
<b><u>Commercial/Industrial - G-56</u></b>								
Customer Charge per Month per Meter	\$ 246.43			\$ 246.43	\$ 246.43			\$ 246.43
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3442	\$ 1.4296	\$ 0.0843	\$ 1.8581	\$ 0.2572	\$ 1.0266	\$ 0.0843	\$ 1.3681
All therms over the first block per month at	\$ 0.2387	\$ 1.4296	\$ 0.0843	\$ 1.7526	\$ 0.1585	\$ 1.0266	\$ 0.0843	\$ 1.2694
<b><u>Commercial/Industrial - G-57</u></b>								
Customer Charge per Month per Meter	\$ 1,090.08			\$ 1,090.08	\$ 1,090.08			\$ 1,090.08
All therms over the first block per month at	\$ 0.2407	\$ 1.4296	\$ 0.0843	\$ 1.7546	\$ 0.1259	\$ 1.0266	\$ 0.0843	\$ 1.2368
<b><u>Commercial/Industrial - G-58</u></b>								
Customer Charge per Month per Meter	\$ 1,090.95			\$ 1,090.95	\$ 1,090.95			\$ 1,090.95
All therms over the first block per month at	\$ 0.0916	\$ 1.4296	\$ 0.0843	\$ 1.6055	\$ 0.0531	\$ 1.0266	\$ 0.0843	\$ 1.1640

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**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)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>			
<b>Purchased Gas:</b>			
Demand Costs:		\$ 3,233,514	
Supply Costs:		\$ 9,171,762	
<b>Storage Gas:</b>			
Demand, Capacity:		\$ -	
Commodity Costs:		\$ -	
<b>Produced Gas:</b>		\$ 152,643	
<b>Hedged Contract (Savings)/Loss</b>		\$ -	
<b>Unadjusted Anticipated Cost of Gas</b>			\$ 12,557,918
<b>Adjustments:</b>			
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		\$ -	
<b>Total Adjustments</b>			\$ 11,094,205
<b>Total Anticipated Direct Cost of Gas</b>			\$ 23,652,124
<b>Anticipated Indirect Cost of Gas</b>			
<b>Working Capital:</b>			
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
<b>Bad Debt:</b>			
Total Unadjusted Anticipated Cost of Gas 05/01/23 - 10/31/23)		\$ 12,557,918	
Less: Refunds		\$ -	
Plus: Total Working Capital		\$ 50,135	
Plus: Prior Period (Over)/Under Recovery		\$ 10,637,079	
Subtotal		\$ 23,245,132	
Bad Debt Percentage		\$ 0	
Bad Debt Allowance		\$ 200,176	
Plus: Bad Debt Reconciliation (Acct 1163-1754)		\$ 337,560	
Total Bad Debt Allowance			\$ 537,736
<b>Production and Storage Capacity</b>			\$ -
Miscellaneous Overhead (05/01/19 - 10/31/19)		\$ -	
Times Summer Sales		\$ 23,649	
Divided by Total Sales		\$ 116,430	
<b>Miscellaneous Overhead</b>			\$ -
<b>Total Anticipated Indirect Cost of Gas</b>			\$ 587,870
<b>Total Cost of Gas</b>			\$ 24,239,994

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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 Gas	\$	23,652,124		
Projected Prorated Sales (05/01/23 - 10/31/23)	\$	23,648,905		
<b>Direct Cost of Gas Rate</b>			\$ 1.0001	per therm
<b>Demand Cost of Gas Rate</b>	\$	3,233,514	\$ 0.1367	per therm
<b>Commodity Cost of Gas Rate</b>	\$	9,324,405	\$ 0.3943	per therm
<b>Adjustment Cost of Gas Rate</b>	\$	11,094,205	\$ 0.4691	per therm
<b>Total Direct Cost of Gas Rate</b>	\$	23,652,124	\$ 1.0001	per therm
Total Anticipated Indirect Cost of Gas	\$	634,259		
Projected Prorated Sales (05/01/23 - 10/31/23)		23,648,905		
<b>Indirect Cost of Gas</b>			\$ 0.0268	per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/23</b>			<b>\$ 1.0269</b>	<b>per therm</b>

<b>RESIDENTIAL COST OF GAS RATE - 05/01/2023</b>	<b>COGsr</b>	<b>\$ 1.0269</b>	/therm
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<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2023</b>	<b>COGsh</b>	<b>\$ 1.0271</b>	/therm
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Average Demand Cost of Gas Rate Effective 05/01/23	\$	0.1367		
*Times: High Winter Use Ratio (Summer)	\$	1.0005	(COG + 25%)	\$ 1.2839
Times: Correction Factor	\$	1.0009		
Adjusted Demand Cost of Gas Rate	\$	0.1369		
Commodity Cost of Gas Rate	\$	0.3943		
Adjustment Cost of Gas Rate	\$	0.4691		
Indirect Cost of Gas Rate	\$	0.0268		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$	1.0271		

(COG + 25%) \$ 1.2836

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2023</b>	<b>COGsl</b>	<b>\$ 1.0266</b>	/therm
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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		

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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	\$ 127,589,939	
Projected Prorated Sales (11/01/22 - 04/30/23)	92,780,984	
<b>Direct Cost of Gas Rate</b>		\$ 1.3752 per therm
<b>Demand Cost of Gas Rate</b>	\$ 12,510,219	\$ 0.1348 per therm
<b>Commodity Cost of Gas Rate</b>	117,533,374	\$ 1.2668 per therm
<b>Adjustment Cost of Gas Rate</b>	3,568,556	\$ 0.0385 per therm
<b>Hedge Underground Storage Contract (Savings)/Loss</b>	<u>\$ (6,022,210)</u>	<u>(0.0472) per therm</u>
<b>Total Direct Cost of Gas Rate</b>	\$ 127,589,939	\$ 1.3752 per therm
Total Anticipated Indirect Cost of Gas	\$ 5,082,758	
Projected Prorated Sales (11/01/22 - 04/30/23)	92,780,984	
<b>Indirect Cost of Gas</b>		\$ 0.0548 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)</b>		<b>\$ 1.4300</b>
<u>Calculation of FPO Excluding Low Income - Rate Code R-3</u>		
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)</b>		<b>\$ 1.4300</b>
<b>FPO Risk Premium</b>		<b>\$ 0.0200</b>
<b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22)</b>		<b>\$ 1.7535</b>
<b>RESIDENTIAL FPO COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22</b>		
	<b>COGwr</b>	<b>\$ 1.4500 /therm</b>
<u>Calculation of FPO for Gas Assistance Program - Rate Code R-4</u>		
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO (Line 13 * 0.55)</b>		<b>\$ 0.7865</b>
<b>FPO Risk Premium (Line 14 * 0.55)</b>		<b>\$ 0.0110</b>
<b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22) (Line 15 * 0.55)</b>		<b>\$ 0.7975</b>
<b>RESIDENTIAL FPO COST OF GAS RATE - LOW INCOME - (R-4) 11/01/22</b>		
	<b>COGwr</b>	<b>\$ 0.7975 /therm</b>

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

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 127,589,939	
Projected Prorated Sales (11/01/2022 - 04/30/2023)	92,780,984	
<b>Direct Cost of Gas Rate</b>		\$ 1.3752 per therm
<b>Demand Cost of Gas Rate</b>	\$ 12,510,219	\$ 0.1348 per therm
<b>Commodity Cost of Gas Rate</b>	117,533,374	\$ 1.2668 per therm
<b>Adjustment Cost of Gas Rate</b>	3,568,556	\$ 0.0385
<b>Hedge Contract (Savings)</b>	<u>\$ (6,022,210)</u>	<u>\$ (0.0649)</u> per therm
<b>Total Direct Cost of Gas Rate</b>	\$ 127,589,939	\$ 1.3752 per therm
Total Anticipated Indirect Cost of Gas	\$ 5,082,758	
Projected Prorated Sales (11/01/2022 - 04/30/2023)	92,780,984	
<b>Indirect Cost of Gas</b>		\$ 0.0548 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22</b>		<b>\$ 1.4300 per therm</b>
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/22</b>		
	<b>COGwr</b>	<b>\$ 1.4300 /therm</b>
	Maximum (COG + 25%)	\$ 1.7875
<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/22</b>		
	<b>COGwr</b>	<b>\$ 0.7865 /therm</b>
	Maximum (COG + 25%)	\$ 0.9831
<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/22</b>		
	<b>COGwh</b>	<b>\$ 1.4301 /therm</b>
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348	
Times: High Winter Use Ratio (Winter)	1.0005	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	<u>\$ 0.1349</u>	
Commodity Cost of Gas Rate	\$ 1.2668	
Adjustment Cost of Gas Rate	\$ 0.0385	
Indirect Cost of Gas Rate	\$ 0.0548	
Hedge Contract (Savings)	<u>\$ (0.0649)</u>	
Adjusted C&I High Winter Use Cost of Gas Rate	<u>\$ 1.4301</u>	
<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/22</b>		
	<b>COGwl</b>	<b>\$ 1.4296 /therm</b>
Average Demand Cost of Gas Rate Effective 11/01/22	\$ 0.1348	
Times: Low Winter Use Ratio (Winter)	0.9971	
Times: Correction Factor	1.0001	
Adjusted Demand Cost of Gas Rate	<u>\$ 0.1344</u>	
Commodity Cost of Gas Rate	\$ 1.2668	
Adjustment Cost of Gas Rate	\$ 0.0385	
Indirect Cost of Gas Rate	\$ 0.0548	
Hedge Contract (Savings)	<u>\$ (0.0649)</u>	
Adjusted C&I Low Winter Use Cost of Gas Rate	<u>\$ 1.4296</u>	

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

**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)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$ 11,510,320	
Supply Costs:	93,418,619	
<b>Storage Gas:</b>		
Demand, Capacity:	\$ 999,899	
Commodity Costs:	11,469,453	
<b>Produced Gas:</b>	12,645,303	
<b>Hedged Contract (Saving)/Loss</b>	(6,022,210)	
<b>Hedge Underground Storage Contract (Saving)/Loss</b>	-	
<b>Unadjusted Anticipated Cost of Gas</b>		\$ 124,021,383
<b>Adjustments:</b>		
Prior Period (Over)/Under Recovery (as of 05/01/20)	\$ 5,378,797	
Interest	(283,633)	
Fuel Inventory Revenue Requirement	515,609	
Broker Revenues	(3,600)	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	(422,021)	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(1,676,512)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	59,917	
<b>Total Adjustments</b>		<u>3,568,556</u>
<b>Total Anticipated Direct Cost of Gas</b>		\$ 127,589,939
<b>Anticipated Indirect Cost of Gas</b>		
<b>Working Capital:</b>		
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	0.388%	
Working Capital	\$ 480,659	
Plus: Working Capital Reconciliation (Acct 142.20)	(30,998)	
Total Working Capital Allowance		449,661
<b>Bad Debt:</b>		
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$ 124,021,383	
Less: Refunds	-	
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
<b>Production and Storage Capacity</b>		\$ 3,685,458
Miscellaneous Overhead 11/01/202- 04/30/23	\$ -	
Times Winter Sales	92,781	
Divided by Total Sales	116,430	
<b>Miscellaneous Overhead</b>		-
<b>Total Anticipated Indirect Cost of Gas</b>		\$ 5,082,758
<b>Total Cost of Gas</b>		<u>\$ 132,672,697</u>

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Neil Proudman  
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	<u>10,347,463</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	12,645,303		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	<u>8.7%</u>		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 1,100,141</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	92,780,984	68.3%	
FIRM TRANSPORTATION SUBJECT TO FTCG	<u>43,122,920</u>	<u>31.7%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	135,903,904	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x	\$ 1,100,141 = \$ 349,080
PRIOR (OVER) OR UNDER COLLECTION			<u>72,941</u>
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

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**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	<u>\$89,763</u>
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
<b>MGP Surcharge per therm</b>	<b><u>\$0.0076 per therm</u></b>
<b><u>Gasholder and pond at Gas Street, Concord, NH</u></b>	
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
<b>Gasholder and pond at Gas Street, Concord, NH Surcharge per therm</b>	<b><u>\$0.0004 per therm</u></b>
<b><u>Total Environmental Surcharge</u></b>	<b><u>\$0.0080</u></b>

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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	<u>\$ 675,932</u>
Projected Recoupment/Rate Case Expense Recovery	\$ 804,971
Projected Interest	\$ 17,048
Total Projected Recovery, November 1, 2022 - October 31, 2023	<u>\$ 822,018</u>
Forecast Throughput (Therms)	186,338,561
RCE Factor (\$/Therm)	\$0.0044

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Effective: November 1, 2022

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**36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION**

**Local Delivery Adjustment Charge Calculation**

		<b>Sales Customers</b>	<b>Transportation Customers</b>
<b><u>Residential Non Heating Rates - R-1</u></b>			
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	<u>0.0076</u>		
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)		<u>0.0203</u>	
<b>LDAC</b>		<b>0.1110 per therm</b>	
<b><u>Residential Heating Rates - R-3, R-4, R-6, R-7</u></b>			
Energy Efficiency Charge	0.0664		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		0.0664	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0076</u>		
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)		<u>0.0203</u>	
<b>LDAC</b>		<b>0.1110 per therm</b>	
<b><u>Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55</u></b>			
Energy Efficiency Charge	0.0442		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		0.0442	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0076</u>		
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)		<u>0.0203</u>	0.0203
<b>LDAC</b>		<b>0.0888</b>	<b>0.088842518 per therm</b>
<b><u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56</u></b>			
Energy Efficiency Charge	0.0442		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		0.0442	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0076</u>		
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)		<u>0.0203</u>	0.0203
<b>LDAC</b>		<b>0.0888</b>	<b>0.088842518 per therm</b>
<b><u>Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58</u></b>			
Energy Efficiency Charge	0.0442		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		0.0442	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0076</u>		
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)		<u>0.0203</u>	0.0203
<b>LDAC</b>		<b>0.0888</b>	<b>0.088842518 per therm</b>

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Title:

Neil Proudman  
President

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III DELIVERY TERMS AND CONDITIONS

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ATTACHMENT B  
Schedule of Administrative Fees and Charges

I.	Supplier Balancing Charge:	\$	0.21	per MMBtu of Daily Imbalance Volumes")
II.	Capacity Mitigation Fee		15%	<u>of the Proceeds</u> from the Marketing of
III.	Peaking Demand Charge	\$	56.69	MMBTU of Peak MDQ
IV.	Company Allowance Calculation (per Schedule 25)			
			170,377,710	Total Sendout - Therms Jul-2021 - Jun-2022
			<u>166,126,573</u>	Total Throughput - Therms Jul-2021 - Jun-2022
			4,251,137	Variance (Sendout - Throughput)
	Company Allowance Percentage 2022-23		2.5%	Variance / Total Sendout

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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%

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1	Thirty- <del>fist</del> <sup>first</sup> <del>eth</del> Revised
2	Second Revised
3	Twenty- <del>ninth</del> <sup>eight</sup> <del>th</del> Revised
4	Twenty- <del>seventh</del> <sup>fifth</sup> <del>th</del> Revised
5	<del>First Revised</del> <sup>Original</sup>
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DATED: ~~September 27, 2022~~

ISSUED BY: /s/Neil Proudman  
Neil Proudman

EFFECTIVE: ~~November~~<sup>October</sup> 1, 2022

TITLE: President

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87	<del>Fifteenth</del> <del>fourteenth</del> Revised
88	<del>Seventeenth</del> <del>sixteenth</del> Revised
89	Fifteenth Revised

DATED: ~~September 27, 2022~~

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

EFFECTIVE: ~~November 1, 2022~~~~October 1, 2022~~

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DATED: ~~September 26, 2022~~

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TITLE: President

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Neil Proudman  
TITLE: President

Authorized by NHPUC Order No. ~~26,541~~ dated ~~October 29, 2021~~, in Docket No. DG ~~21-130~~

**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 Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b>Residential Non Heating - R-1</b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All Therms	\$ 0.5129	\$ 1.4300	\$ 0.1065	\$ 2.0494	\$ 0.5129	\$ 1.0269	\$ 0.1065	\$ 1.6463
		<del>\$ 1.1747</del>	<del>\$ 0.1318</del>	<del>\$ 1.3065</del>		<del>\$ 1.2296</del>	<del>\$ 0.1318</del>	<del>\$ 1.3613</del>
<b>Residential Heating - R-3</b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All Therms	\$ 0.65	\$ 1.4300	\$ 0.1065	\$ 2.1884	\$ 0.6519	\$ 1.0269	\$ 0.1065	\$ 1.7853
		<del>\$ 1.1747</del>	<del>\$ 0.1318</del>	<del>\$ 1.3065</del>		<del>\$ 1.2296</del>	<del>\$ 0.1318</del>	<del>\$ 1.3613</del>
<b>Residential Heating - R-4</b>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
All Therms	\$ 0.36	\$ 0.7865	\$ 0.1065	\$ 1.2515	\$ 0.6519	\$ 1.0269	\$ 0.1065	\$ 1.7853
		<del>\$ 0.6464</del>	<del>\$ 0.1318</del>	<del>\$ 0.7779</del>		<del>\$ 1.2296</del>	<del>\$ 0.1318</del>	<del>\$ 1.3613</del>
<b>Commercial/Industrial - G-41</b>								
Customer Charge per Month per Meter	\$ 63.30			\$ 63.30	\$ 63.30			\$ 63.30
Size of the first block	100 Therms				20 therms			
Therms in the first block per month at	\$ 0.51	\$ 1.4301	\$ 0.0843	\$ 2.0232	\$ 0.5088	\$ 1.0271	\$ 0.0843	\$ 1.6202
		<del>\$ 1.1749</del>	<del>\$ 0.0994</del>	<del>\$ 1.2740</del>		<del>\$ 1.2303</del>	<del>\$ 0.0994</del>	<del>\$ 1.3294</del>
All therms over the first block per month at	\$ 0.36	\$ 1.4301	\$ 0.0843	\$ 1.8694	\$ 0.3550	\$ 1.0271	\$ 0.0843	\$ 1.4664
		<del>\$ 1.1749</del>	<del>\$ 0.0994</del>	<del>\$ 1.2740</del>		<del>\$ 1.2303</del>	<del>\$ 0.0994</del>	<del>\$ 1.3294</del>
<b>Commercial/Industrial - G-42</b>								
Customer Charge per Month per Meter	\$ 189.84			\$ 189.84	\$ 189.84			\$ 189.84
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4634	\$ 1.4301	\$ 0.0843	\$ 1.9778	\$ 0.4634	\$ 1.0271	\$ 0.0843	\$ 1.5748
		<del>\$ 1.1749</del>	<del>\$ 0.0994</del>	<del>\$ 1.2740</del>		<del>\$ 1.2303</del>	<del>\$ 0.0994</del>	<del>\$ 1.3294</del>
All therms over the first block per month at	\$ 0.3212	\$ 1.4301	\$ 0.0843	\$ 1.8356	\$ 0.3212	\$ 1.0271	\$ 0.0843	\$ 1.4326
		<del>\$ 1.1749</del>	<del>\$ 0.0994</del>	<del>\$ 1.2740</del>		<del>\$ 1.2303</del>	<del>\$ 0.0994</del>	<del>\$ 1.3294</del>
<b>Commercial/Industrial - G-43</b>								
Customer Charge per Month per Meter	\$ 811.98			\$ 811.98	\$ 811.98			\$ 811.98
All therms over the first block per month at	\$ 0.2863	\$ 1.4301	\$ 0.0843	\$ 1.8007	\$ 0.1441	\$ 1.0271	\$ 0.0843	\$ 1.2555
		<del>\$ 1.1749</del>	<del>\$ 0.0994</del>	<del>\$ 1.2740</del>		<del>\$ 1.2303</del>	<del>\$ 0.0994</del>	<del>\$ 1.3294</del>
<b>Commercial/Industrial - G-51</b>								
Customer Charge per Month per Meter	\$ 63.38			\$ 63.38	\$ 63.38			\$ 63.38
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3070	\$ 1.4296	\$ 0.0843	\$ 1.8209	\$ 0.3070	\$ 1.0266	\$ 0.0843	\$ 1.4179
		<del>\$ 1.1732</del>	<del>\$ 0.0994</del>	<del>\$ 1.2723</del>		<del>\$ 1.2284</del>	<del>\$ 0.0994</del>	<del>\$ 1.3276</del>
All therms over the first block per month at	\$ 0.2084	\$ 1.4296	\$ 0.0843	\$ 1.7223	\$ 0.2084	\$ 1.0266	\$ 0.0843	\$ 1.3193
		<del>\$ 1.1732</del>	<del>\$ 0.0994</del>	<del>\$ 1.2723</del>		<del>\$ 1.2284</del>	<del>\$ 0.0994</del>	<del>\$ 1.3276</del>
<b>Commercial/Industrial - G-52</b>								
Customer Charge per Month per Meter	\$ 189.57			\$ 189.57	\$ 189.57			\$ 189.57
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2647	\$ 1.4296	\$ 0.0843	\$ 1.7786	\$ 0.1978	\$ 1.0266	\$ 0.0843	\$ 1.3087
		<del>\$ 1.1732</del>	<del>\$ 0.0994</del>	<del>\$ 1.2723</del>		<del>\$ 1.2284</del>	<del>\$ 0.0994</del>	<del>\$ 1.3276</del>
All therms over the first block per month at	\$ 0.1836	\$ 1.4296	\$ 0.0843	\$ 1.6975	\$ 0.1219	\$ 1.0266	\$ 0.0843	\$ 1.2328
		<del>\$ 1.1732</del>	<del>\$ 0.0994</del>	<del>\$ 1.2723</del>		<del>\$ 1.2284</del>	<del>\$ 0.0994</del>	<del>\$ 1.3276</del>
<b>Commercial/Industrial - G-53</b>								
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838.52			\$ 838.52
All therms over the first block per month at	\$ 0.1851	\$ 1.4296	\$ 0.0843	\$ 1.6990	\$ 0.0968	\$ 1.0266	\$ 0.0843	\$ 1.2077
		<del>\$ 1.1732</del>	<del>\$ 0.0994</del>	<del>\$ 1.2723</del>		<del>\$ 1.2284</del>	<del>\$ 0.0994</del>	<del>\$ 1.3276</del>
<b>Commercial/Industrial - G-54</b>								
Customer Charge per Month per Meter	\$ 839.19			\$ 839.19	\$ 839.19			\$ 839.19
All therms over the first block per month at	\$ 0.0705	\$ 1.4296	\$ 0.0843	\$ 1.5844	\$ 0.0409	\$ 1.0266	\$ 0.0843	\$ 1.1518
		<del>\$ 1.1732</del>	<del>\$ 0.0994</del>	<del>\$ 1.2723</del>		<del>\$ 1.2284</del>	<del>\$ 0.0994</del>	<del>\$ 1.3276</del>

Issued: October xx, 2022  
~~October xx, 2024~~  
Effective: November 1, 2022  
~~November 1, 2024~~

Issued by: \_\_\_\_\_  
Neil Proudman  
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. 26,654 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

	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 95</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
<b><u>Residential Non Heating - R-5</u></b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All Therms	\$ 0.6668	\$ 1.4300	\$ 0.1065	\$ 2.2033	\$ 0.6668	\$ 1.0269	\$ 0.1065	\$ 1.8002
		\$ 1.1747	\$ 0.1318	\$ 1.3065		\$ 1.2295	\$ 0.1318	\$ 1.3613
<b><u>Residential Heating - R-6</u></b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.8475	\$ 1.4300	\$ 0.1065	\$ 2.3840	\$ 0.8475	\$ 1.0269	\$ 0.1065	\$ 1.9809
		\$ 1.1747	\$ 0.1318	\$ 1.3065	\$ 0.8238	\$ 1.2295	\$ 0.1318	\$ 1.1851
<b><u>Residential Heating - R-7</u></b>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4531	\$ 0.7865	\$ 0.1065	\$ 1.3461	\$ 0.8475	\$ 1.0269	\$ 0.1065	\$ 1.9809
		\$ 0.6461	\$ 0.1318	\$ 0.7779		\$ 1.2295	\$ 0.1318	\$ 1.3613
<b><u>Commercial/Industrial - G-44</u></b>								
Customer Charge per Month per Meter	\$ 82.29			\$ 82.29	\$ 82.29			\$ 82.29
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6614	\$ 1.4301	\$ 0.0843	\$ 2.1758	\$ 0.6614	\$ 1.0271	\$ 0.0843	\$ 1.7728
		\$ 1.1749	\$ 0.0991	\$ 1.2740		\$ 1.2303	\$ 0.0991	\$ 1.3294
All therms over the first block per month at	\$ 0.4614	\$ 1.4301	\$ 0.0843	\$ 1.9758	\$ 0.4614	\$ 1.0271	\$ 0.0843	\$ 1.5728
		\$ 1.1749	\$ 0.0991	\$ 1.2740		\$ 1.2303	\$ 0.0991	\$ 1.3294
<b><u>Commercial/Industrial - G-45</u></b>								
Customer Charge per Month per Meter	\$ 246.78			\$ 246.78	\$ 246.78			\$ 246.78
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.6023	\$ 1.4301	\$ 0.0843	\$ 2.1167	\$ 0.6023	\$ 1.0271	\$ 0.0843	\$ 1.7137
		\$ 1.1749	\$ 0.0991	\$ 1.2740		\$ 1.2303	\$ 0.0991	\$ 1.3294
All therms over the first block per month at	\$ 0.4175	\$ 1.4301	\$ 0.0843	\$ 1.9319	\$ 0.4175	\$ 1.0271	\$ 0.0843	\$ 1.5289
		\$ 1.1749	\$ 0.0991	\$ 1.2740		\$ 1.2303	\$ 0.0991	\$ 1.3294
<b><u>Commercial/Industrial - G-46</u></b>								
Customer Charge per Month per Meter	\$ 1,055.58			\$ 1,055.58	\$ 1,055.58			\$ 1,055.58
All therms over the first block per month at	\$ 0.3722	\$ 1.4301	\$ 0.0843	\$ 1.8866	\$ 0.1873	\$ 1.0271	\$ 0.0843	\$ 1.2987
		\$ 1.1749	\$ 0.0991	\$ 1.2740		\$ 1.2303	\$ 0.0991	\$ 1.3294
<b><u>Commercial/Industrial - G-55</u></b>								
Customer Charge per Month per Meter	\$ 82.39			\$ 82.39	\$ 82.39			\$ 82.39
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3992	\$ 1.4296	\$ 0.0843	\$ 1.9131	\$ 0.3992	\$ 1.0266	\$ 0.0843	\$ 1.5101
		\$ 1.1732	\$ 0.0991	\$ 1.2723		\$ 1.2284	\$ 0.0991	\$ 1.3275
All therms over the first block per month at	\$ 0.2387	\$ 1.4296	\$ 0.0843	\$ 1.7526	\$ 0.2387	\$ 1.0266	\$ 0.0843	\$ 1.3496
		\$ 1.1732	\$ 0.0991	\$ 1.2723		\$ 1.2284	\$ 0.0991	\$ 1.3275
<b><u>Commercial/Industrial - G-56</u></b>								
Customer Charge per Month per Meter	\$ 246.43			\$ 246.43	\$ 246.43			\$ 246.43
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3442	\$ 1.4296	\$ 0.0843	\$ 1.8581	\$ 0.2572	\$ 1.0266	\$ 0.0843	\$ 1.3681
		\$ 1.1732	\$ 0.0991	\$ 1.2723		\$ 1.2284	\$ 0.0991	\$ 1.3275
All therms over the first block per month at	\$ 0.2387	\$ 1.4296	\$ 0.0843	\$ 1.7526	\$ 0.1585	\$ 1.0266	\$ 0.0843	\$ 1.2694
		\$ 1.1732	\$ 0.0991	\$ 1.2723		\$ 1.2284	\$ 0.0991	\$ 1.3275
<b><u>Commercial/Industrial - G-57</u></b>								
Customer Charge per Month per Meter	\$ 1,090.08			\$ 1,090.08	\$ 1,090.08			\$ 1,090.08
All therms over the first block per month at	\$ 0.2407	\$ 1.4296	\$ 0.0843	\$ 1.7546	\$ 0.1259	\$ 1.0266	\$ 0.0843	\$ 1.2368
		\$ 1.1732	\$ 0.0991	\$ 1.2723		\$ 1.2284	\$ 0.0991	\$ 1.3275
<b><u>Commercial/Industrial - G-58</u></b>								
Customer Charge per Month per Meter	\$ 1,090.95			\$ 1,090.95	\$ 1,090.95			\$ 1,090.95
All therms over the first block per month at	\$ 0.0916	\$ 1.4296	\$ 0.0843	\$ 1.6055	\$ 0.0531	\$ 1.0266	\$ 0.0843	\$ 1.1640
		\$ 1.1732	\$ 0.0991	\$ 1.2723		\$ 1.2284	\$ 0.0991	\$ 1.3275

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Title: Neil Proudman  
President

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**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)
<b>ANTICIPATED DIRECT COST OF GAS</b>					
<b>Purchased Gas:</b>					
Demand Costs:		\$ 3,276,842		\$ -	
Supply Costs:		<u>6,971,475</u>		\$ -	
<b>Storage Gas:</b>					
Demand, Capacity:		_____		-	
Commodity Costs:		_____		-	
<b>Produced Gas:</b>		<u>82,504</u>		-	
<b>Hedged Contract Savings</b>		_____		-	
		_____		_____	
<b>Unadjusted Anticipated Cost of Gas</b>		\$ 10,330,821		\$ -	
<b>Adjustments:</b>					
Prior Period (Over)/Under Recovery as of September 1, 2021 September 01, 2022		\$ 4,472,186		\$ -	
Interest		<u>222,837</u>		\$ -	
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		_____		\$ -	
<b>Total Adjustments</b>		<u>4,695,023</u>		_____	-
<b>Total Anticipated Direct Cost of Gas</b>		\$ 15,025,844		\$ -	
<b>Anticipated Indirect Cost of Gas</b>					
<b>Working Capital:</b>					
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		-	
Prime Rate		3.25%		0.00%	
Working Capital Percentage		<u>0.007%</u>		-	
Working Capital		769		\$ -	
Plus: Working Capital Reconciliation (Acct 142.20) (Acct 1163-1424)		<u>4,555</u>		-	
Total Working Capital Allowance		\$ 5,324		\$ -	
<b>Bad Debt:</b>					
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		<u>5,324</u>		\$ -	
Plus: Prior Period (Over)/Under Recovery		<u>4,472,186</u>		\$ -	
Subtotal		\$ 14,808,331		\$ -	
Bad Debt Percentage		0.70%		0.00%	
Bad Debt Allowance		<u>103,658</u>		-	
Plus: Bad Debt Reconciliation (Acct 175.52) (Acct 1163-1754)		<u>23,159</u>		-	
Total Bad Debt Allowance		<u>126,817</u>		-	
Production and Storage Capacity		_____		-	
Miscellaneous Overhead (05/01/22 - 10/31/22) (05/01/23 - 10/31/23)		\$ _____		\$ -	
Times Summer Winter Sales		<u>23,366</u>		\$ -	
Divided by Total Sales		<u>115,043</u>		\$ -	
Miscellaneous Overhead		_____		-	
Total Anticipated Indirect Cost of Gas		\$ 132,141		\$ -	
<b>Total Cost of Gas</b>		<u>\$ 15,157,985</u>		<u>\$ -</u>	

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Neil Proudman

Title:

President

**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)	(Col-2)	(Col-3)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$9,653,380		\$23,652,124	
Projected Prorated Sales (05/01/23 - 10/31/23) (05/01/22 - 10/31/22)	20,973,031		\$23,648,905	
<b>Direct Cost of Gas Rate</b>		\$ 0.4603		\$ 1.0001 per therm
<b>Demand Cost of Gas Rate</b>	\$4,548,346	\$ 0.2169	\$ 3,233,514	\$ 0.1367
<b>Commodity Cost of Gas Rate</b>	3,136,847	\$ 0.1496	\$ 9,324,405	\$ 0.3943
<b>Adjustment Cost of Gas Rate</b>	1,968,188	\$ 0.0938	\$ 11,094,205	\$ 0.4691
<b>Total Direct Cost of Gas Rate</b>	\$9,653,380	\$ 0.4603	\$23,652,124	\$ 1.0001
Total Anticipated Indirect Cost of Gas	\$ (174,652)		\$ 634,259	
Projected Prorated Sales (05/01/23 - 10/31/23) (05/01/22 - 10/31/22)	20,973,031		23,648,905	
<b>Indirect Cost of Gas</b>		\$ (0.0083)		\$ 0.0268 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/23</b>				
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/22</b>		\$ 0.4520		\$ 1.0269 per Therm

<b>RESIDENTIAL COST OF GAS RATE - 05/01/2023</b>	<b>COGsr</b>	<b>\$ 1.0269 /therm</b>
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<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2023</b>	<b>COGsh</b>	<b>\$ 1.0271 /therm</b>
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Average Demand Cost of Gas Rate Effective 05/01/23	\$ 0.1367		
Times: High Winter Use Ratio (Summer)	\$ 1.0005	(COG + 25%)	\$ 1.2839
Times: Correction Factor	\$ 1.0009		
Adjusted Demand Cost of Gas Rate	\$ 0.1369		
Commodity Cost of Gas Rate	\$ 0.3943		
Adjustment Cost of Gas Rate	\$ 0.4691		
Indirect Cost of Gas Rate	\$ 0.0268		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 1.0271		

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/2023</b>	<b>COGsl</b>	<b>\$ 1.0266 /therm</b>
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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		

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November 1, 2022

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Neil Proudman  
Title: 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)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 74,822,730		\$ 127,589,939	
Projected Prorated Sales (11/01/22 - 04/30/23)	92,780,984		92,780,984	
<b>Direct Cost of Gas Rate</b>		\$ 0.8557		\$ 1.3752 per therm
<b>Demand Cost of Gas Rate</b>	\$ 13,859,546	\$ 0.1585	\$ 12,510,219	\$ 0.1348 per therm
<b>Commodity Cost of Gas Rate</b>	60,820,831	0.6955	117,533,374	1.2668 per therm
<b>Adjustment Cost of Gas Rate</b>	142,353	0.0046	3,568,556	0.0385 per therm
<b>Hedge Underground Storage Contract (Savings)/Loss</b>			(6,022,210)	(0.0472) per therm
<b>Total Direct Cost of Gas Rate</b>	\$ 74,822,730	\$ 0.8557	\$ 127,589,939	\$ 1.3752 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,360,293		\$ 5,082,758	
Projected Prorated Sales (11/01/22 - 04/30/23)	87,443,741		92,780,984	
<b>Indirect Cost of Gas</b>		\$ 0.0499		\$ 0.0548 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)</b>		\$ 0.9056		\$ 1.4300
<b>Calculation of FPO Excluding Low Income - Rate Code R-3</b>				
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)</b>		\$ 0.9056		\$ 1.4300
<b>FPO Risk Premium</b>		\$ 0.0200		\$ 0.0200
<b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22)</b>		\$ 0.9256		\$ 1.7535
<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22</b>				
		\$ 0.9256	<b>COGwr</b>	<b>\$ 1.4500 /therm</b>
<b>Calculation of FPO for Gas Assistance Program - Rate Code R-4</b>				
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO (Line 13 * 0.55)</b>				\$ 0.7865
<b>FPO Risk Premium (Line 14 * 0.55)</b>				\$ 0.0110
<b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22) (Line 15 * 0.55)</b>				\$ 0.7975
<b>RESIDENTIAL COST OF GAS RATE - LOW INCOME - (R-4) 11/01/22</b>				
			<b>COGwr</b>	<b>\$ 0.7975 /therm</b>

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November 1, 2024

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Title: President

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

(Col 1)	(Col 2)	(Col 3)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 94,810,891		\$ 127,589,939	
Projected Prorated Sales (11/01/21 - 04/30/22) (11/01/20 - 04/30/21)	87,443,741		92,780,984	
<b>Direct Cost of Gas Rate</b>		1.0843		\$ 1.3752 per therm
<b>Demand Cost of Gas Rate</b>	\$ 13,868,897	0.1586	\$ 12,510,219	\$ 0.1348
<b>Commodity Cost of Gas Rate</b>	80,780,853	0.9238	\$ 117,533,374	\$ 1.2668
<b>Adjustment Cost of Gas Rate</b>	161,141	0.0018	\$ 3,568,556	\$ 0.0385
<b>Hedge Contract (Savings)</b>			\$ (6,022,210)	\$ (0.0649)
<b>Total Direct Cost of Gas Rate</b>	\$ 94,810,891	1.0843	\$ 127,589,939	\$ 1.3752
Total Anticipated Indirect Cost of Gas	\$ 4,338,002		\$ 5,082,758	
Projected Prorated Sales (11/01/21 - 04/30/22) (11/01/20 - 04/30/21)	87,443,741		92,780,984	
<b>Indirect Cost of Gas</b>		0.0496		\$ 0.0548 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22</b>				\$ 1.4300 per Therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/21</b>		1.4339		

<b>RESIDENTIAL COST OF GAS RATE - 11/01/22</b>	<b>COGwr</b>	<b>\$ 1.4300 /therm</b>
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<b>RESIDENTIAL COST OF GAS RATE - 11/01/21</b>	<b>COGwr</b>	<b>\$ 1.4339 /therm</b>
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Maximum (COG + 25%) \$ 1.4474 \$ 1.7875

<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 &amp; R-7 - 11/01/22</b>	<b>0</b>	<b>\$ 0.7865 /therm</b>
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<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 &amp; R-7 - 11/01/21</b>	<b>\$ 0.6236 /therm</b>
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Maximum (COG + 25%) \$ 0.7796 \$ 0.9831

<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/22</b>	<b>COGwr</b>	<b>\$ 1.4301 /therm</b>
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<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwh</b>	<b>\$ 1.4341 /therm</b>
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Average Demand Cost of Gas Rate Effective 11/01/21 - 11/01/22	\$ 0.1586	\$ 0.1348	Maximum	(COG + 25%)	\$ 1.4176	\$ 1.7876
Times: High Winter Use Ratio (Winter)	1.0017	1.0005				
Times: Correction Factor	1.0001	1.0001				
Adjusted Demand Cost of Gas Rate	\$ 0.1589	\$ 0.1349				
Commodity Cost of Gas Rate	\$ 0.9238	\$ 1.2668	Minimum			
Adjustment Cost of Gas Rate	0.0018	0.0385	Maximum			
Indirect Cost of Gas Rate	0.0496	0.0548				
Hedge Contract (Savings)		(0.0649)				
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 1.4341	\$ 1.4950				

<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/22</b>	<b>COGsh</b>	<b>\$ 1.4296 /therm</b>
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<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwl</b>	<b>\$ 1.4324 /therm</b>
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Average Demand Cost of Gas Rate Effective 11/01/20 - 11/01/21	\$ 0.1586	\$ 0.1348	Maximum	(COG + 25%)	\$ 1.4155	\$ 1.7870
Times: Low Winter Use Ratio (Winter)	0.9910	0.9971				
Times: Correction Factor	1.0001	1.0001				
Adjusted Demand Cost of Gas Rate	\$ 0.1572	\$ 0.1344				
Commodity Cost of Gas Rate	\$ 0.9238	\$ 1.2668				
Adjustment Cost of Gas Rate	0.0018	0.0385				
Indirect Cost of Gas Rate	0.0496	0.0548				
Hedge Contract (Savings)		(0.0649)				
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 1.4324	\$ 1.4296				

Issued:	October xx, 2024	Issued by:	Neil Proudman
Effective:	November 1, 2022	Title:	President
	November 1, 2024		

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)	(Col 2)	(Col 3)
<b>ANTICIPATED DIRECT COST OF GAS</b>				
<b>Purchased Gas:</b>				
Demand Costs:	\$ 12,887,000		\$ 11,510,320	
Supply Costs:	72,351,034		93,418,619	
<b>Storage Gas:</b>				
Demand, Capacity:	\$ 981,898		\$ 999,899	
Commodity Costs:	6,130,435		11,469,453	
<b>Produced Gas:</b>	2,299,384		12,645,303	
<b>Hedged Contract (Saving)/Loss</b>			(6,022,210)	
<b>Hedge Underground Storage Contract (Saving)/Loss</b>			-	
<b>Unadjusted Anticipated Cost of Gas</b>		\$ 94,649,754		\$ 124,021,383
<b>Adjustments:</b>				
Prior Period (Over)/Under Recovery (as of 05/01/22)	\$ 1,431,639		\$ 5,378,797	
Interest	44,985		(283,633)	
Fuel Inventory Revenue Requirement	335,667		515,609	
Broker Revenues	(3,600)		(3,600)	
Refunds from Suppliers			-	
Fuel Financing			-	
Transportation CGA Revenues	(6,938)		(422,021)	
Interruptible Sales Margin			-	
Capacity Release and Off System Sales Margins	(1,676,512)		(1,676,512)	
Hedging Costs			-	
Fixed Price Option Administrative Costs	36,899		59,917	
<b>Total Adjustments</b>		161,144		3,568,556
<b>Total Anticipated Direct Cost of Gas</b>		\$ 94,810,894		\$ 127,589,939
<b>Anticipated Indirect Cost of Gas</b>				
<b>Working Capital:</b>				
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$ 94,649,754		\$ 124,021,383	
Working Capital Rate: Lead Lag Days / 365	0.0705		0	
Prime Rate	3.25%		0	
Working Capital Percentage	0.229%		0	
Working Capital	\$ 216,764		\$ 480,659	
Plus: Working Capital Reconciliation (Acct 142.20)	(14,859)		(30,998)	
Total Working Capital Allowance	-	201,902		449,661
<b>Bad Debt:</b>				
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$ 94,649,754		\$ 124,021,383	
Less: Refunds			-	
Plus: Total Working Capital	201,902		449,661	
Plus: Prior Period (Over)/Under Recovery	1,431,639		5,378,797	
Subtotal	\$ 96,283,294		\$ 129,849,841	
Bad Debt Percentage	0.70%		0.86%	
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
<b>Production and Storage Capacity</b>		\$ 3,685,458		\$ 3,685,458
Miscellaneous Overhead 11/01/2022- 04/30/23	\$		\$ -	
Times Winter Sales	91,677		92,781	
Divided by Total Sales	115,043		116,430	
<b>Miscellaneous Overhead</b>				-
<b>Total Anticipated Indirect Cost of Gas</b>		\$ 4,338,002		\$ 5,082,758
<b>Total Cost of Gas</b>		\$ 99,148,894		\$ 132,672,697

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**II. RATE SCHEDULES**  
**Calculation of Firm Transportation Cost of Gas Rate**

#REF!

#REF!

(Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 2)	(Col 3)	(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:						
PROPANE	\$ 920,469			\$ 2,297,840		
LNG	\$ 1,378,925			10,347,463		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	2,299,394			12,645,303		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	8.7%			8.7%		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	\$ 200,046			\$ 1,100,141		
PROJECTED FIRM THROUGHPUT (THERMS):						
FIRM SALES	91,676,680	68.3%		92,780,984	68.3%	
FIRM TRANSPORTATION SUBJECT TO FTCC	42,583,790	31.7%		43,122,920	31.7%	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	134,260,470	100.0%		135,903,904	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x	200,046 = \$ 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 CUSTOMERS			\$ 6,938			\$ 422,021
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,583,790			43,122,920
FIRM TRANSPORTATION COST OF GAS			\$ 0.0002			\$ 0.0098

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34. ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS  
Environmental Surcharge

Manufactured Gas Plants

Required Annual Environmental Increase	\$ -2,351,805	\$983,056
DG 19-145 Audit adjustment of \$1,024,167 amortized over 3 years, approved	\$ -341,389	\$341,389
Estimated Ending Balance on October 31, 2022		\$89,763
<del>July 2020 - June 2021 recovery difference between actual and estimate</del>		<del>\$ -139,028</del>
Environmental Subtotal		\$1,414,208
		<del>\$ -2,832,222</del>
Overall Annual Net Increase to Rates		\$1,414,208
		<del>\$ -2,832,222</del>
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2023 - sales and transportation		186,338,561 therms
		<del>182,829,872</del>
<b>MGP Surcharge per therm</b>		<b>\$0.0076 per therm</b>
		<del>\$ -0.0155</del>
<u>Gasholder and pond at Gas Street, Concord, NH</u>		
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
<b>Gasholder and pond at Gas Street, Concord, NH Surcharge per therm</b>		<b>\$0.0004 per therm</b>
<u>Total Environmental Surcharge</u>		<u>\$0.0080</u>
		<del>\$ -0.0155</del>

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Title:

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	\$ (4,836)	\$ (4,836)
Rate Case Expense DG 20-105	\$ 848,198	\$ 680,768
Rate Case Expense to Recover as of August 31, 2022	\$ 843,361	\$ 675,932
Projected Recoupment/Rate Case Expense Recovery	\$ 946,054	\$ 804,971
Projected Interest	\$ 21,445	\$ 17,048
Total Projected Recovery, November 1, 2022 - October 31, 2023	\$ 937,499	\$ 822,018
Forecast Throughput (Therms)	\$ 186,338,561	186,338,561
RCE Factor (\$/Therm)	\$ 0.0050	\$0.0044

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

		<u>Sales Customers</u>	<u>Transportation Customers</u>
<b><u>Residential Non Heating Rates - R-1</u></b>			
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	0.0000	
Manufactured Gas Plants	<u>0.0155</u>	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0155	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)	<u>0.0156</u>	<u>0.0203</u>	
<b>LDAC</b>	<b>0.0678</b>	<b>0.1110</b>	per therm

<b><u>Residential Heating Rates - R-3, R-4, R-6, R-7</u></b>			
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	0.0000	
Manufactured Gas Plants	<u>0.0155</u>	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0155	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)	<u>0.0156</u>	<u>0.0203</u>	
<b>LDAC</b>	<b>0.0678</b>	<b>0.1110</b>	per therm

<b><u>Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55</u></b>				
Energy Efficiency Charge	0.0426	0.0442		
Demand Side Management Charge	<u>0</u>	<u>0.0000</u>		
Conservation Charge (CCx)	0.0426	0.0442	0.04255	0.0442
Relief Holder and pond at Gas Street, Concord, NH	0	0.0000		
Manufactured Gas Plants	<u>0.0155</u>	<u>0.0076</u>		
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)	<u>0.0156</u>	<u>0.0203</u>	<u>0.0156</u>	<u>0.0203</u>
<b>LDAC</b>	<b>0.0991</b>	<b>0.0888</b>	<b>0.0991</b>	<b>0.0888</b> per therm

<b><u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56</u></b>					
Energy Efficiency Charge	0.0426	0.0442			
Demand Side Management Charge	<u>0</u>	<u>0.0000</u>			
Conservation Charge (CCx)	0.0426	0.0442	0.04255	0.0442	
Relief Holder and pond at Gas Street, Concord, NH	0	0.0000			
Manufactured Gas Plants	<u>0.0155</u>	<u>0.0076</u>			
Environmental Surcharge (ES)	0.0155	0.0076	0.01545	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)	0.0039	0.0000	0.0039	0.0000	-0.0213
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)	<u>0.0156</u>	<u>0.0203</u>	<u>0.0156</u>	<u>0.0203</u>	
<b>LDAC</b>	<b>0.0991</b>	<b>0.0888</b>	<b>0.0991</b>	<b>0.0888</b>	per therm

<b><u>Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58</u></b>					
Energy Efficiency Charge	0.0426	0.0442			
Demand Side Management Charge	<u>0</u>	<u>0.0000</u>			
Conservation Charge (CCx)	0.0426	0.0442	0.04255	0.0442	
Relief Holder and pond at Gas Street, Concord, NH	0	0.0000			
Manufactured Gas Plants	<u>0.0155</u>	<u>0.0076</u>			
Environmental Surcharge (ES)	0.0155	0.0076	0.01545	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)	0.0039	0.0000	0.0039	0.0000	-0.0213
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)	<u>0.0156</u>	<u>0.0203</u>	<u>0.0156</u>	<u>0.0203</u>	
<b>LDAC</b>	<b>0.0991</b>	<b>0.0888</b>	<b>0.0991</b>	<b>0.0888</b>	per therm

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Neil Proudman  
President

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Authorized by House Bill #549 signed February 24, 2022

III DELIVERY TERMS AND CONDITIONS

2 ATTACHMENT B  
Schedule of Administrative Fees and Charges

I.	Supplier Balancing Charge:	\$	<del>0.18</del>	\$	0.21	
II.	Capacity Mitigation Fee		15%		15%	of the Proceeds from the Marketing of Capacity for Mitigation.
III.	Peaking Demand Charge	\$	<del>54.72</del>	\$	56.69	
IV.	Company Allowance Calculation (per Schedule 25)					
			<u>165,859,380</u>	170,377,710	Total Sendout - Therms Jul-2021 - Jun-2022	
			<u>163,831,092</u>	<u>166,126,573</u>	Total Throughput - Therms Jul-2021 - Jun-2022	
			<u>2,028,288</u>	4,251,137	Variance (Sendout - Throughput)	
Company Allowance Percentage	2022-23	2024-22	4.2%	2.5%	Variance / Total Sendout	

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### III DELIVERY TERMS AND CONDITIONS

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
G-41	Low Annual /High Winter Use	<del>69.4%</del> 71.5%	<del>46.8%</del> 17.4%	<del>44.4%</del> 11.0%	100.0%
G-51	Low Annual /Low Winter Use	<del>76.2%</del> 79.5%	<del>42.9%</del> 12.6%	<del>40.9%</del> 7.9%	100.0%
G-42	Medium Annual / High Winter	<del>69.4%</del> 71.5%	<del>46.8%</del> 17.4%	<del>44.4%</del> 11.0%	100.0%
G-52	High Annual / Low Winter Use	<del>76.2%</del> 79.5%	<del>42.9%</del> 12.6%	<del>40.9%</del> 7.9%	100.0%
G-43	High Annual / High Winter	<del>69.4%</del> 71.5%	<del>46.8%</del> 17.4%	<del>44.4%</del> 11.0%	100.0%
G-53	High Annual / Load Factor < 90%	<del>76.2%</del> 79.5%	<del>42.9%</del> 12.6%	<del>40.9%</del> 7.9%	100.0%
G-54	High Annual / Load Factor > 90%	<del>76.2%</del> 79.5%	<del>42.9%</del> 12.6%	<del>40.9%</del> 7.9%	100.0%

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