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DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

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TITLE: President

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DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

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DATED: November 19, 2021

EFFECTIVE: November 1, 2021

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**22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS**

	Rates Effective November 1, 2021 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b>Residential Non Heating - R-1</b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.3844	\$ 1.1339	\$ 0.1397	\$ 1.6580	\$ 0.3844	\$ 0.5587	\$ 0.1397	\$ 1.0828
<b>Residential Heating - R-3</b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.5632	\$ 1.1339	\$ 0.1397	\$ 1.8368	\$ 0.5632	\$ 0.5587	\$ 0.1397	\$ 1.2616
<b>Residential Heating - R-4</b>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.3098	\$ 0.6236	\$ 0.1397	\$ 1.0731	\$ 0.5632	\$ 0.5587	\$ 0.1397	\$ 1.2616
<b>Commercial/Industrial - G-41</b>								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4688	\$ 1.1341	\$ 0.0831	\$ 1.6860	\$ 0.4688	\$ 0.5593	\$ 0.0831	\$ 1.1112
All therms over the first block per month at	\$ 0.3149	\$ 1.1341	\$ 0.0831	\$ 1.5321	\$ 0.3149	\$ 0.5593	\$ 0.0831	\$ 0.9573
<b>Commercial/Industrial - G-42</b>								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4261	\$ 1.1341	\$ 0.0831	\$ 1.6433	\$ 0.4261	\$ 0.5593	\$ 0.0831	\$ 1.0685
All therms over the first block per month at	\$ 0.2839	\$ 1.1341	\$ 0.0831	\$ 1.5011	\$ 0.2839	\$ 0.5593	\$ 0.0831	\$ 0.9263
<b>Commercial/Industrial - G-43</b>								
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 1.1341	\$ 0.0831	\$ 1.4792	\$ 0.1198	\$ 0.5593	\$ 0.0831	\$ 0.7622
<b>Commercial/Industrial - G-51</b>								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2819	\$ 1.1324	\$ 0.0831	\$ 1.4974	\$ 0.2819	\$ 0.5580	\$ 0.0831	\$ 0.9230
All therms over the first block per month at	\$ 0.1833	\$ 1.1324	\$ 0.0831	\$ 1.3988	\$ 0.1833	\$ 0.5580	\$ 0.0831	\$ 0.8244
<b>Commercial/Industrial - G-52</b>								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2428	\$ 1.1324	\$ 0.0831	\$ 1.4583	\$ 0.1759	\$ 0.5580	\$ 0.0831	\$ 0.8170
All therms over the first block per month at	\$ 0.1617	\$ 1.1324	\$ 0.0831	\$ 1.3772	\$ 0.1000	\$ 0.5580	\$ 0.0831	\$ 0.7411
<b>Commercial/Industrial - G-53</b>								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 1.1324	\$ 0.0831	\$ 1.3852	\$ 0.0814	\$ 0.5580	\$ 0.0831	\$ 0.7225
<b>Commercial/Industrial - G-54</b>								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 1.1324	\$ 0.0831	\$ 1.2803	\$ 0.0352	\$ 0.5580	\$ 0.0831	\$ 0.6763

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

	Rates Effective November 1, 2021 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b>Residential Non Heating - R-5</b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All Therms	\$ 0.4997	\$ 1.1339	\$ 0.1397	\$ 1.7733	\$ 0.4997	\$ 0.5587	\$ 0.1397	\$ 1.1981
<b>Residential Heating - R-6</b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.7322	\$ 1.1339	\$ 0.1397	\$ 2.0058	\$ 0.7322	\$ 0.5587	\$ 0.1397	\$ 1.4306
<b>Residential Heating - R-7</b>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4027	\$ 0.6236	\$ 0.1397	\$ 1.1660	\$ 0.7322	\$ 0.5587	\$ 0.1397	\$ 1.4306
<b>Commercial/Industrial - G-44</b>								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6094	\$ 1.1341	\$ 0.0831	\$ 1.8266	\$ 0.6094	\$ 0.5593	\$ 0.0831	\$ 1.2518
All therms over the first block per month at	\$ 0.4094	\$ 1.1341	\$ 0.0831	\$ 1.6266	\$ 0.4094	\$ 0.5593	\$ 0.0831	\$ 1.0518
<b>Commercial/Industrial - G-45</b>								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5539	\$ 1.1341	\$ 0.0831	\$ 1.7711	\$ 0.5539	\$ 0.5593	\$ 0.0831	\$ 1.1963
All therms over the first block per month at	\$ 0.3691	\$ 1.1341	\$ 0.0831	\$ 1.5863	\$ 0.3691	\$ 0.5593	\$ 0.0831	\$ 1.0115
<b>Commercial/Industrial - G-46</b>								
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10			\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 1.1341	\$ 0.0831	\$ 1.5578	\$ 0.1557	\$ 0.5593	\$ 0.0831	\$ 0.7981
<b>Commercial/Industrial - G-55</b>								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3665	\$ 1.1324	\$ 0.0831	\$ 1.5820	\$ 0.3665	\$ 0.5580	\$ 0.0831	\$ 1.0076
All therms over the first block per month at	\$ 0.2383	\$ 1.1324	\$ 0.0831	\$ 1.4538	\$ 0.2383	\$ 0.5580	\$ 0.0831	\$ 0.8794
<b>Commercial/Industrial - G-56</b>								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3157	\$ 1.1324	\$ 0.0831	\$ 1.5312	\$ 0.2287	\$ 0.5580	\$ 0.0831	\$ 0.8698
All therms over the first block per month at	\$ 0.2102	\$ 1.1324	\$ 0.0831	\$ 1.4257	\$ 0.1300	\$ 0.5580	\$ 0.0831	\$ 0.7711
<b>Commercial/Industrial - G-57</b>								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 1.1324	\$ 0.0831	\$ 1.4362	\$ 0.1059	\$ 0.5580	\$ 0.0831	\$ 0.7470
<b>Commercial/Industrial - G-58</b>								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.0842	\$ 1.1324	\$ 0.0831	\$ 1.2997	\$ 0.0457	\$ 0.5580	\$ 0.0831	\$ 0.6868

DATED: November 19, 2021  
EFFECTIVE: November 1, 2021

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Neil Proudman  
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**26 ANTICIPATED SUMMER PERIOD COST OF GAS EXCLUDING KEENE CUSTOMERS  
OR GAS LIGHTING**

<b>Anticipated Cost of Gas</b>		
<b>PERIOD COVERED: SUMMER PERIOD, MAY 1, 2022 THROUGH OCTOBER 31, 2022</b>		
<b>(REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)</b>		
(Col 1)	(Col 2)	(Col 3)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$ 3,276,842	
Supply Costs:	6,971,475	
<b>Storage Gas:</b>		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
<b>Produced Gas:</b>		
	\$ 82,504	
<b>Hedged Contract (Savings)/Loss</b>		
	<u>\$ -</u>	
<b>Unadjusted Anticipated Cost of Gas</b>		\$ 10,330,821
<b>Adjustments:</b>		
Prior Period (Over)/Under Recovery (as of April 30, 2019)	\$ 4,472,186	
Interest	222,837	
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>		<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 Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19	\$ 10,330,821	
Working Capital Rate - Lead Lag Days / 365	0.0023	
Prime Rate	3.25%	
Working Capital Percentage	0.007%	
Working Capital	\$ 769	
Plus: Working Capital Reconciliation (Acct 1163-1424)	<u>4,555</u>	
<b>Total Working Capital Allowance</b>		\$ 5,324
<b>Bad Debt:</b>		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19	\$ 10,330,821	
Less: Refunds	-	
Plus: Total Working Capital	5,324	
Plus: Prior Period (Over)/Under Recovery	<u>4,472,186</u>	
<b>Subtotal</b>	<u>\$ 14,808,331</u>	
Bad Debt Percentage	<u>0.70%</u>	
Bad Debt Allowance	\$ 103,658	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	<u>23,159</u>	
<b>Total Bad Debt Allowance</b>		126,817
<b>Production and Storage Capacity</b>		
		-
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$ -	
Times Summer Sales	23,366	
Divided by Total Sales	<u>115,043</u>	
<b>Miscellaneous Overhead</b>		<u>-</u>
<b>Total Anticipated Indirect Cost of Gas</b>		\$ 132,141
<b>Total Cost of Gas</b>		\$ 15,157,985

DATED: November 19, 2021

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EFFECTIVE: November 1, 2021

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TITLE: President

**27 CALCULATION OF FIRM SALES SUMMER PERIOD COST OF GAS RATE  
EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIRM SALES COST OF GAS RATE  
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)
Total Anticipated Direct Cost of Gas	\$ 15,025,844	
Projected Prorated Sales (05/01/22 - 10/31/22)	27,125,444	
<b>Direct Cost of Gas Rate</b>		<b>\$ 0.5539 per therm</b>
<b>Demand Cost of Gas Rate</b>	<b>\$ 3,276,842</b>	<b>\$ 0.1208 per therm</b>
<b>Commodity Cost of Gas Rate</b>	<b>7,053,979</b>	<b>\$ 0.2601 per therm</b>
<b>Adjustment Cost of Gas Rate</b>	<b>4,695,023</b>	<b>\$ 0.1731 per therm</b>
<b>Total Direct Cost of Gas Rate</b>	<b>\$ 15,025,844</b>	<b>\$ 0.5539 per therm</b>
Total Anticipated Indirect Cost of Gas	\$ 131,366	
Projected Prorated Sales (05/01/22 - 10/31/22)	27,125,444	
<b>Indirect Cost of Gas</b>		<b>\$ 0.0048 per therm</b>
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/22</b>		<b>\$ 0.5587 per therm</b>
<b>RESIDENTIAL COST OF GAS RATE - 05/01/2022</b>		<b>COGsr \$ 0.5587 /therm</b>
	Maximum (COG + 25%)	\$ 0.6984
<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2022</b>		<b>COGsl \$ 0.5580 /therm</b>

Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208		
Times: Low Winter Use Ratio (Summer)	0.9910	Maximum (COG + 25%)	\$ 0.6975
Times: Correction Factor	1.0027		
Adjusted Demand Cost of Gas Rate	\$ 0.1200		
Commodity Cost of Gas Rate	\$ 0.2601		
Adjustment Cost of Gas Rate	0.1731		
Indirect Cost of Gas Rate	0.0048		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.5580		

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2022</b>		<b>COGsh \$ 0.5593 /therm</b>
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Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208		
Times: High Winter Use Ratio (Summer)	1.0017	Maximum (COG + 25%)	\$ 0.6991
Times: Correction Factor	1.0027		
Adjusted Demand Cost of Gas Rate	\$ 0.1213		
Commodity Cost of Gas Rate	\$ 0.2601		
Adjustment Cost of Gas Rate	0.1731		
Indirect Cost of Gas Rate	0.0048		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.5593		

DATED: November 19, 2021

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EFFECTIVE: November 1, 2021

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**29 CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE EXCLUDING  
KEENE CUSTOMERS**

**CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE  
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022  
(Refer to Text in Section 17(A) Fixed Price Option Program)**

(Col 1)	(Col 2)	(Col 3)
1 Total Anticipated Direct Cost of Gas	\$94,810,891	
2 Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
3 <b>Direct Cost of Gas Rate</b>		\$ 1.0843 per therm
4 <b>Demand Cost of Gas Rate</b>	\$ 13,868,897	\$ 0.1586 per therm
5 <b>Commodity Cost of Gas Rate</b>	80,780,853	\$ 0.9238 per therm
6 <b>Adjustment Cost of Gas Rate</b>	161,141	\$ 0.0018 per therm
7 <b>Total Direct Cost of Gas Rate</b>	\$94,810,891	\$ 1.0843 per therm
8 Total Anticipated Indirect Cost of Gas	\$ 4,338,002	
9 Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
10 <b>Indirect Cost of Gas</b>		\$ 0.0496 per therm
11 <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21)</b>		<b>\$ 1.1339</b>
12 <b>Calculation of FPO Excluding Low Income - Rate Code R-3</b>		
13 <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21)</b>		<b>\$ 1.1339</b>
14 <b>FPO Risk Premium</b>		<b>\$ 0.0200</b>
15 <b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/21)</b>		<b>\$ 1.1539</b>
16 <b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/21</b>	<b>COGwr</b>	<b>\$ 1.1539 /therm</b>
17 <b>Calculation of FPO for Gas Assistance Program - Rate Code R-4</b>		
18 <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21) FPO (Line 13 * 0.55)</b>		<b>\$ 0.6236</b>
19 <b>FPO Risk Premium (Line 14 * 0.55)</b>		<b>\$ 0.0110</b>
20 <b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/21) (Line 15 * 0.55)</b>		<b>\$ 0.6346</b>
21 <b>RESIDENTIAL COST OF GAS RATE - LOW INCOME - (R-4) 11/01/21</b>	<b>COGwr</b>	<b>\$ 0.6346 /therm</b>

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TITLE: President

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

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

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

<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/21</b>	<b>COGwr</b>	<b>\$ 1.1339 /therm</b>
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Maximum (COG + 25%) \$ 1.4174

<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/21</b>	<b>COGwr</b>	<b>\$ 0.6236 /therm</b>
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Maximum (COG + 25%) \$ 0.7796

<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwl</b>	<b>\$ 1.1324 /therm</b>
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Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586		
Times: Low Winter Use Ratio (Winter)	0.9910	Maximum (COG + 25%)	\$ 1.4155
Times: Correction Factor	<u>1.0001</u>		
Adjusted Demand Cost of Gas Rate	<u>\$ 0.1572</u>		
Commodity Cost of Gas Rate	\$ 0.9238		
Adjustment Cost of Gas Rate	\$ 0.0018		
Indirect Cost of Gas Rate	<u>\$ 0.0496</u>		
Adjusted C&I Low Winter Use Cost of Gas Rate	<u>\$ 1.1324</u>		

<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwh</b>	<b>\$ 1.1341 /therm</b>
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Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586		
Times: High Winter Use Ratio (Winter)	1.0017	Maximum (COG + 25%)	\$ 1.4176
Times: Correction Factor	<u>1.0001</u>		
Adjusted Demand Cost of Gas Rate	<u>\$ 0.1589</u>		
Commodity Cost of Gas Rate	\$ 0.9238		
Adjustment Cost of Gas Rate	\$ 0.0018		
Indirect Cost of Gas Rate	<u>\$ 0.0496</u>		
Adjusted C&I High Winter Use Cost of Gas Rate	<u>\$ 1.1341</u>		

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**31. ANTICIPATED COST OF GAS - EXCLUDING KEENE CUSTOMERS**

<b>Anticipated Cost of Gas</b>			
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022			
(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)			
(Col 1)	(Col 2)	(Col 3)	
<b>ANTICIPATED DIRECT COST OF GAS</b>			
<b>Purchased Gas:</b>			
Demand Costs:	\$ 12,887,000		
Supply Costs:	72,351,034		
<b>Storage Gas:</b>			
Demand, Capacity:	\$ 981,898		
Commodity Costs:	6,130,435		
<b>Produced Gas:</b>	2,299,384	\$	9,411,717
<b>Hedged Contract (Saving)/Loss</b>	-		
<b>Hedge Underground Storage Contract (Saving)/Loss</b>	-		
<b>Unadjusted Anticipated Cost of Gas</b>		\$ 94,649,751	28,544,323
<b>Adjustments:</b>			
Prior Period (Over)/Under Recovery (as of 05/01/20)	\$ 1,431,639		
Interest	44,085		
Fuel Inventory Revenue Requirement	335,667		
Broker Revenues	(3,600)		
Refunds from Suppliers	-		
Fuel Financing	-		
Transportation CGA Revenues	(6,938)		
Interruptible Sales Margin	-		
Capacity Release and Off System Sales Margins	(1,676,512)		
Hedging Costs	-		
Fixed Price Option Administrative Costs	36,800		
<b>Total Adjustments</b>		<u>161,141</u>	
<b>Total Anticipated Direct Cost of Gas</b>		\$ 94,810,891	
<b>Anticipated Indirect Cost of Gas</b>			
<b>Working Capital:</b>			
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 94,649,751		
Working Capital Rate: Lead Lag Days / 365	0.0705		
Prime Rate	3.25%		
Working Capital Percentage	<u>0.229%</u>		
Working Capital	\$ 216,761		
Plus: Working Capital Reconciliation (Acct 142.20)	<u>(14,859)</u>		
Total Working Capital Allowance			201,902
<b>Bad Debt:</b>			
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 94,649,751		
Less: Refunds	-		
Plus: Total Working Capital	201,902		
Plus: Prior Period (Over)/Under Recovery	<u>1,431,639</u>		
Subtotal	\$ 96,283,291		
Bad Debt Percentage	<u>0.70%</u>		
Bad Debt Allowance	\$ 673,983		
Plus: Bad Debt Reconciliation (Acct 175.52)	<u>(223,340)</u>		
Total Bad Debt Allowance		\$	450,643
<b>Production and Storage Capacity</b>		\$	3,685,458
Miscellaneous Overhead 11/01/20 - 04/30/21	\$ -		
Times Winter Sales	91,677		
Divided by Total Sales	<u>115,043</u>		
<b>Miscellaneous Overhead</b>			-
<b>Total Anticipated Indirect Cost of Gas</b>		\$	4,338,002
<b>Total Cost of Gas</b>		<u>\$</u>	<u>99,148,894</u>

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**33. CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE**

**Calculation of Firm Transportation Cost of Gas Rate**  
**PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022**  
**(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	\$ 920,459		
LNG	<u>1,378,925</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	2,299,384		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	8.7%		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 200,046</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	91,676,680	68.3%	
FIRM TRANSPORTATION SUBJECT TO FTGG	<u>42,583,790</u>	<u>31.7%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	134,260,470	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x	\$ 200,046 = \$ 63,449
PRIOR (OVER) OR UNDER COLLECTION			<u>(56,511)</u>
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 6,938
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,583,790
FIRM TRANSPORTATION COST OF GAS			\$ 0.0002

DATED: November 19, 2021

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EFFECTIVE: November 1, 2021

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TITLE: President

### 34. ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS

#### Environmental Surcharge - Manufactured Gas Plants

##### **Manufactured Gas Plants**

Required Annual Environmental Increase	\$2,351,805
Second one-third of prior period under recoveries (through June 2019)	\$341,389
July 2020 - June 2021 recovery difference between actual and estimate	<u>\$139,028</u>
Environmental Subtotal	\$2,832,222
Overall Annual Net Increase to Rates	\$2,832,222
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2022 - sales and transportation	182,829,872 therms
Surcharge per therm	<u>\$0.0155 per therm</u>
<b><u>Total Environmental Surcharge</u></b>	<u>\$0.0155</u>

DATED: November 19, 2021

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Neil Proudman  
TITLE: President

**35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION**

1	<u>Rate Case Exepense</u>	
2	Prior Period Balance	(\$11,949)
3	Expenses thru June 30, 2021	<u>\$785,177</u>
4	Balance at June 30, 2021	\$773,228
5	Less: Accrual Balance	<u>(\$26,000)</u>
6	Removal of RCE per Order 26,2541 in DG 21-130	<u>(\$747,228)</u>
6	Adjusted Rate Case Expense	(\$0)
7		
8	<u>Recoupment</u>	
9	Distribution Recoupment from Docket No. DG 20-105	(\$568,780)
10	Indirect Costs Recoupment from Docket No. DG 20-105	<u>\$1,900,000</u>
11	Total Recoupment	\$1,331,220
12		
13	Beginning Balance	\$1,331,220
14		
15	Estimated Remaining Expenses	\$0
16		
17	Plus Estimated Interest from July 2021 through October 2021	\$10,899
18		
19	Minus Estimated Recoveries from July 2021 through October 2021	(\$7,864)
20		
21	Total Estimated Remaining Recovery As of November 1, 2021	\$1,334,255
22		
23	Estimated November 2021 - October 2022 Interest	<u>\$16,852</u>
24		
25	Total Remaining Recovery	\$1,351,107
26		
27	Estimated November 2021 - October 2022 Sales (therms)	182,829,872
28		
29	RCE & Recoupment rate per therm November 2021 - October 2022	\$0.0074

DATED: November 19, 2021

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EFFECTIVE: November 1, 2021

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TITLE: President

**36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION**

**Local Delivery Adjustment Charge Calculation**

		<u>Sales</u>	<u>Transportation</u>
		<u>Customers</u>	<u>Customers</u>
<b><u>Residential Non Heating Rates - R-1, R-5</u></b>			
Energy Efficiency Charge	\$ 0.0861		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		\$ 0.0861	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0155</u>		
Environmental Surcharge (ES)		0.0155	
Revenue Decoupling Adjustment Factor (RDAF)		0.0152	
Property Tax Adjustment Mechanism (PTAM)		0.0120	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		<u>0.0156</u>	
<b>LDAC</b>		<b>\$ 0.1517</b>	<b>per therm</b>
<b><u>Residential Heating Rates - R-3, R-4, R-6, R-7</u></b>			
Energy Efficiency Charge	\$ 0.0861		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		\$ 0.0861	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0155</u>		
Environmental Surcharge (ES)		0.0155	
Revenue Decoupling Adjustment Factor (RDAF)		0.0152	
Property Tax Adjustment Mechanism (PTAM)		0.0120	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		<u>0.0156</u>	
<b>LDAC</b>		<b>\$ 0.1517</b>	<b>per therm</b>
<b><u>Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55</u></b>			
Energy Efficiency Charge	\$0.0408		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		\$ 0.0408	\$ 0.0408
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0155</u>		
Environmental Surcharge (ES)		0.0155	0.0155
Revenue Decoupling Adjustment Factor (RDAF)		0.0039	0.0039
Property Tax Adjustment Mechanism (PTAM)		0.0120	0.0120
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		<u>0.0156</u>	<u>0.0156</u>
<b>LDAC</b>		<b>\$ 0.0951</b>	<b>\$ 0.0951 per therm</b>
<b><u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56</u></b>			
Energy Efficiency Charge	\$0.0408		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		\$0.0408	\$0.0408
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0155</u>		
Environmental Surcharge (ES)		0.0155	0.0155
Revenue Decoupling Adjustment Factor (RDAF)		0.0039	0.0039
Property Tax Adjustment Mechanism (PTAM)		0.0120	0.0120
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		<u>0.0156</u>	<u>0.0156</u>
<b>LDAC</b>		<b>\$ 0.0951</b>	<b>\$ 0.0951 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	\$ 0.0408		
Demand Side Management Charge	<u>0.0000</u>		
Conservation Charge (CCx)		\$0.0408	\$0.0408
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	<u>0.0155</u>		
Environmental Surcharge (ES)		0.0155	0.0155
Revenue Decoupling Adjustment Factor (RDAF)		0.0039	0.0039
Property Tax Adjustment Mechanism (PTAM)		0.0120	0.0120
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		<u>0.0156</u>	<u>0.0156</u>
<b>LDAC</b>		<b>\$ 0.0951</b>	<b>\$ 0.0951 per therm</b>

DATED: November 19, 2021

EFFECTIVE: November 1, 2021

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

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

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$	0.1800	per MMBtu of Daily Imbalance Volumes")
II. Capacity Mitigation Fee		15%	of the Proceeds from the Marketing of
III. Peaking Demand Charge	\$	54.72	MMBTU of Peak MDQ
IV. Company Allowance Calculation (per Schedule 25)			
		165,859,380	Total Sendout - Therms Jul -2020 - Jun-2021
		<u>163,831,092</u>	Total Throughput - Therms Jul-2020 - Jun-2021
		2,028,288	Variance (Sendout - Throughput)
Company Allowance Percentage 2020-21		1.2%	Variance / Total Sendout

DATED: November 19, 2021

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Neil Proudman  
TITLE: President



**3 ATTACHMENT C**  
**Capacity Allocators**

**CAPACITY ALLOCATORS**

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

DATED: November 19, 2021

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# Compare Results

Old File:

**Current Effective Tariff Pages DG 21-130 Tariff Compliance Filing.pdf**

**17 pages (375 KB)**  
11/16/2021 5:41:54 PM

versus

New File:

**Proposed Tariff Pages DG 21-130 11-1-21.pdf**

**17 pages (397 KB)**  
11/18/2021 3:59:04 PM

## Total Changes

**343**

Text only comparison

## Content

**286** Replacements  
**36** Insertions  
**21** Deletions

## Styling and Annotations

**0** Styling  
**0** Annotations

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ISSUED BY: /s/Neil Proudman

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DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

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TITLE: President

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DATED: November 19, 2021

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EFFECTIVE: November 1, 2021

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DATED: November 19, 2021

EFFECTIVE: November 1, 2021

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Neil Proudman

TITLE: President

**22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS**

	Rates Effective November 1, 2021 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b>Residential Non Heating - R-1</b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.3844	\$ 1.1339	\$ 0.1397	\$ 1.6580	\$ 0.3844	\$ 0.5587	\$ 0.1397	\$ 1.0828
<b>Residential Heating - R-3</b>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.5632	\$ 1.1339	\$ 0.1397	\$ 1.8368	\$ 0.5632	\$ 0.5587	\$ 0.1397	\$ 1.2616
<b>Residential Heating - R-4</b>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.3098	\$ 0.6236	\$ 0.1397	\$ 1.0731	\$ 0.5632	\$ 0.5587	\$ 0.1397	\$ 1.2616
<b>Commercial/Industrial - G-41</b>								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4688	\$ 1.1341	\$ 0.0831	\$ 1.6860	\$ 0.4688	\$ 0.5593	\$ 0.0831	\$ 1.1112
All therms over the first block per month at	\$ 0.3149	\$ 1.1341	\$ 0.0831	\$ 1.5321	\$ 0.3149	\$ 0.5593	\$ 0.0831	\$ 0.9573
<b>Commercial/Industrial - G-42</b>								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4261	\$ 1.1341	\$ 0.0831	\$ 1.6433	\$ 0.4261	\$ 0.5593	\$ 0.0831	\$ 1.0685
All therms over the first block per month at	\$ 0.2839	\$ 1.1341	\$ 0.0831	\$ 1.5011	\$ 0.2839	\$ 0.5593	\$ 0.0831	\$ 0.9263
<b>Commercial/Industrial - G-43</b>								
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 1.1341	\$ 0.0831	\$ 1.4792	\$ 0.1198	\$ 0.5593	\$ 0.0831	\$ 0.7622
<b>Commercial/Industrial - G-51</b>								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2819	\$ 1.1324	\$ 0.0831	\$ 1.4974	\$ 0.2819	\$ 0.5580	\$ 0.0831	\$ 0.9230
All therms over the first block per month at	\$ 0.1833	\$ 1.1324	\$ 0.0831	\$ 1.3988	\$ 0.1833	\$ 0.5580	\$ 0.0831	\$ 0.8244
<b>Commercial/Industrial - G-52</b>								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2428	\$ 1.1324	\$ 0.0831	\$ 1.4583	\$ 0.1759	\$ 0.5580	\$ 0.0831	\$ 0.8170
All therms over the first block per month at	\$ 0.1617	\$ 1.1324	\$ 0.0831	\$ 1.3772	\$ 0.1000	\$ 0.5580	\$ 0.0831	\$ 0.7411
<b>Commercial/Industrial - G-53</b>								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 1.1324	\$ 0.0831	\$ 1.3852	\$ 0.0814	\$ 0.5580	\$ 0.0831	\$ 0.7225
<b>Commercial/Industrial - G-54</b>								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 1.1324	\$ 0.0831	\$ 1.2803	\$ 0.0352	\$ 0.5580	\$ 0.0831	\$ 0.6763

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

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

	Rates Effective November 1, 2021 - April 30, 2022 Winter Period				Rates Effective May 1, 2022 - October 31, 2022 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<b>Residential Non Heating - R-5</b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All Therms	\$ 0.4997	\$ 1.1339	\$ 0.1397	\$ 1.7733	\$ 0.4997	\$ 0.5587	\$ 0.1397	\$ 1.1981
<b>Residential Heating - R-6</b>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.7322	\$ 1.1339	\$ 0.1397	\$ 2.0058	\$ 0.7322	\$ 0.5587	\$ 0.1397	\$ 1.4306
<b>Residential Heating - R-7</b>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4027	\$ 0.6236	\$ 0.1397	\$ 1.1660	\$ 0.7322	\$ 0.5587	\$ 0.1397	\$ 1.4306
<b>Commercial/Industrial - G-44</b>								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6094	\$ 1.1341	\$ 0.0831	\$ 1.8266	\$ 0.6094	\$ 0.5593	\$ 0.0831	\$ 1.2518
All therms over the first block per month at	\$ 0.4094	\$ 1.1341	\$ 0.0831	\$ 1.6266	\$ 0.4094	\$ 0.5593	\$ 0.0831	\$ 1.0518
<b>Commercial/Industrial - G-45</b>								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5539	\$ 1.1341	\$ 0.0831	\$ 1.7711	\$ 0.5539	\$ 0.5593	\$ 0.0831	\$ 1.1963
All therms over the first block per month at	\$ 0.3691	\$ 1.1341	\$ 0.0831	\$ 1.5863	\$ 0.3691	\$ 0.5593	\$ 0.0831	\$ 1.0115
<b>Commercial/Industrial - G-46</b>								
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10			\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 1.1341	\$ 0.0831	\$ 1.5578	\$ 0.1557	\$ 0.5593	\$ 0.0831	\$ 0.7981
<b>Commercial/Industrial - G-55</b>								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3665	\$ 1.1324	\$ 0.0831	\$ 1.5820	\$ 0.3665	\$ 0.5580	\$ 0.0831	\$ 1.0076
All therms over the first block per month at	\$ 0.2383	\$ 1.1324	\$ 0.0831	\$ 1.4538	\$ 0.2383	\$ 0.5580	\$ 0.0831	\$ 0.8794
<b>Commercial/Industrial - G-56</b>								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3157	\$ 1.1324	\$ 0.0831	\$ 1.5312	\$ 0.2287	\$ 0.5580	\$ 0.0831	\$ 0.8698
All therms over the first block per month at	\$ 0.2102	\$ 1.1324	\$ 0.0831	\$ 1.4257	\$ 0.1300	\$ 0.5580	\$ 0.0831	\$ 0.7711
<b>Commercial/Industrial - G-57</b>								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 1.1324	\$ 0.0831	\$ 1.4362	\$ 0.1059	\$ 0.5580	\$ 0.0831	\$ 0.7470
<b>Commercial/Industrial - G-58</b>								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.0842	\$ 1.1324	\$ 0.0831	\$ 1.2997	\$ 0.0457	\$ 0.5580	\$ 0.0831	\$ 0.6868

DATED: November 19, 2021

EFFECTIVE: November 1, 2021

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



**26 ANTICIPATED SUMMER PERIOD COST OF GAS EXCLUDING KEENE CUSTOMERS  
OR GAS LIGHTING**

Anticipated Cost of Gas		
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2022 THROUGH OCTOBER 31, 2022 (REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)		
(Col 1)	(Col 2)	(Col 3)
<b>ANTICIPATED DIRECT COST OF GAS</b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$ 3,276,842	
Supply Costs:	6,971,475	
<b>Storage Gas:</b>		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
<b>Produced Gas:</b>		
	\$ 82,504	
<b>Hedged Contract (Savings)/Loss</b>		
	\$ -	
<b>Unadjusted Anticipated Cost of Gas</b>		<b>\$ 10,330,821</b>
<b>Adjustments:</b>		
Prior Period (Over)/Under Recovery (as of April 30, 2019)	\$ 4,472,186	
Interest	222,837	
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>		<b>4,695,023</b>
<b>Total Anticipated Direct Cost of Gas</b>		<b>\$ 15,025,844</b>
<b>Anticipated Indirect Cost of Gas</b>		
<b>Working Capital:</b>		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19	\$ 10,330,821	
Working Capital Rate - Lead Lag Days / 365	0.0023	
Prime Rate	3.25%	
Working Capital Percentage	0.007%	
Working Capital	\$ 769	
Plus: Working Capital Reconciliation (Acct 1163-1424)	4,555	
<b>Total Working Capital Allowance</b>		<b>\$ 5,324</b>
<b>Bad Debt:</b>		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19	\$ 10,330,821	
Less: Refunds	-	
Plus: Total Working Capital	5,324	
Plus: Prior Period (Over)/Under Recovery	4,472,186	
<b>Subtotal</b>	<b>14,808,331</b>	
Bad Debt Percentage	0.70%	
Bad Debt Allowance	\$ 103,658	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	23,159	
<b>Total Bad Debt Allowance</b>		<b>126,817</b>
<b>Production and Storage Capacity</b>		
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$ -	
Times Summer Sales	23,366	
Divided by Total Sales	115,043	
<b>Miscellaneous Overhead</b>		<b>-</b>
<b>Total Anticipated Indirect Cost of Gas</b>		<b>\$ 132,141</b>
<b>Total Cost of Gas</b>		<b>\$ 15,157,985</b>

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**27** CALCULATION OF FIRM SALES SUMMER PERIOD COST OF GAS RATE  
EXCLUDING KEENE CUSTOMERS

CALCULATION OF FIRM SALES COST OF GAS RATE  
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)
Total Anticipated Direct Cost of Gas	\$ 15,025,844	
Projected Prorated Sales (05/01/22 - 10/31/22)	27,125,444	
<b>Direct Cost of Gas Rate</b>		<b>\$ 0.5539 per therm</b>
<b>Demand Cost of Gas Rate</b>	<b>\$ 3,276,842</b>	<b>\$ 0.1208 per therm</b>
<b>Commodity Cost of Gas Rate</b>	<b>7,053,979</b>	<b>\$ 0.2601 per therm</b>
<b>Adjustment Cost of Gas Rate</b>	<b>4,695,023</b>	<b>\$ 0.1731 per therm</b>
<b>Total Direct Cost of Gas Rate</b>	<b>\$ 15,025,844</b>	<b>\$ 0.5539 per therm</b>
Total Anticipated Indirect Cost of Gas	\$ 131,366	
Projected Prorated Sales (05/01/22 - 10/31/22)	27,125,444	
<b>Indirect Cost of Gas</b>		<b>\$ 0.0048 per therm</b>
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/22</b>		<b>\$ 0.5587 per therm</b>
<b>RESIDENTIAL COST OF GAS RATE - 05/01/2022</b>		
	<b>COGsr</b>	<b>\$ 0.5587 /therm</b>
	Maximum (COG + 25%)	\$ 0.6984
<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2022</b>		
	<b>COGsl</b>	<b>\$ 0.5580 /therm</b>

Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208		
Times: Low Winter Use Ratio (Summer)	0.9910	Maximum (COG + 25%)	\$ 0.6975
Times: Correction Factor	1.0027		
<b>Adjusted Demand Cost of Gas Rate</b>	<b>\$ 0.1200</b>		
Commodity Cost of Gas Rate	\$ 0.2601		
Adjustment Cost of Gas Rate	0.1731		
Indirect Cost of Gas Rate	0.0048		
<b>Adjusted Com/Ind Low Winter Use Cost of Gas Rate</b>	<b>\$ 0.5580</b>		

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2022</b>		
	<b>COGsh</b>	<b>\$ 0.5593 /therm</b>

Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208		
Times: High Winter Use Ratio (Summer)	1.0017	Maximum (COG + 25%)	\$ 0.6991
Times: Correction Factor	1.0027		
<b>Adjusted Demand Cost of Gas Rate</b>	<b>\$ 0.1213</b>		
Commodity Cost of Gas Rate	\$ 0.2601		
Adjustment Cost of Gas Rate	0.1731		
Indirect Cost of Gas Rate	0.0048		
<b>Adjusted Com/Ind High Winter Use Cost of Gas Rate</b>	<b>\$ 0.5593</b>		

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**29 CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE**  
**PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022**  
 (Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)
1 Total Anticipated Direct Cost of Gas	\$94,810,891	
2 Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
3 <b>Direct Cost of Gas Rate</b>		\$ 1.0843 per therm
4 <b>Demand Cost of Gas Rate</b>	\$13,868,897	\$ 0.1586 per therm
5 <b>Commodity Cost of Gas Rate</b>	80,780,853	\$ 0.9238 per therm
6 <b>Adjustment Cost of Gas Rate</b>	161,141	\$ 0.0018 per therm
7 <b>Total Direct Cost of Gas Rate</b>	\$94,810,891	\$ 1.0843 per therm
8 Total Anticipated Indirect Cost of Gas	\$ 4,338,002	
9 Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
10 <b>Indirect Cost of Gas</b>		\$ 0.0496 per therm
11 <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21)</b>		<b>\$ 1.1339</b>
12 <b>Calculation of FPO Excluding Low Income - Rate Code R-3</b>		
13 <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21)</b>		<b>\$ 1.1339</b>
14 <b>FPO Risk Premium</b>		\$ 0.0200
15 <b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/21)</b>		<b>\$ 1.1539</b>
16 <b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/21</b>	<b>COGwr</b>	<b>\$ 1.1539 /therm</b>
17 <b>Calculation of FPO for Gas Assistance Program - Rate Code R-4</b>		
18 <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21) FPO (Line 13 * 0.55)</b>		<b>\$ 0.6236</b>
19 <b>FPO Risk Premium (Line 14 * 0.55)</b>		\$ 0.0110
20 <b>TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/21) (Line 15 * 0.55)</b>		<b>\$ 0.6346</b>
21 <b>RESIDENTIAL COST OF GAS RATE - LOW INCOME - (R-4) 11/01/21</b>	<b>COGwr</b>	<b>\$ 0.6346 /therm</b>

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

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

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

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

<b>RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/21</b>	<b>COGwr</b>	<b>\$ 1.1339 /therm</b>
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Maximum (COG + 25%) \$ 1.4174

<b>GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/21</b>	<b>COGwr</b>	<b>\$ 0.6236 /therm</b>
--	--------------	-------------------------

Maximum (COG + 25%) \$ 0.7796

<b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwl</b>	<b>\$ 1.1324 /therm</b>
---	--------------	-------------------------

Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586		
Times: Low Winter Use Ratio (Winter)	0.9910	Maximum (COG + 25%)	\$ 1.4155
Times: Correction Factor	1.0001		
<b>Adjusted Demand Cost of Gas Rate</b>	<b>\$ 0.1572</b>		
Commodity Cost of Gas Rate	\$ 0.9238		
Adjustment Cost of Gas Rate	\$ 0.0018		
Indirect Cost of Gas Rate	\$ 0.0496		
<b>Adjusted C&amp;I Low Winter Use Cost of Gas Rate</b>	<b>\$ 1.1324</b>		

<b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwh</b>	<b>\$ 1.1341 /therm</b>
--	--------------	-------------------------

Average Demand Cost of Gas Rate Effective 11/01/21	\$ 0.1586		
Times: High Winter Use Ratio (Winter)	1.0017	Maximum (COG + 25%)	\$ 1.4176
Times: Correction Factor	1.0001		
<b>Adjusted Demand Cost of Gas Rate</b>	<b>\$ 0.1589</b>		
Commodity Cost of Gas Rate	\$ 0.9238		
Adjustment Cost of Gas Rate	\$ 0.0018		
Indirect Cost of Gas Rate	\$ 0.0496		
<b>Adjusted C&amp;I High Winter Use Cost of Gas Rate</b>	<b>\$ 1.1341</b>		

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**31. ANTICIPATED COST OF GAS - EXCLUDING KEENE CUSTOMERS**

Anticipated Cost of Gas		
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022		
(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)		
(Col 1)	(Col 2)	(Col 3)
<b>ANTICIPATED DIRECT COST OF GAS</b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$ 12,887,000	
Supply Costs:	72,351,034	
<b>Storage Gas:</b>		
Demand, Capacity:	\$ 981,898	
Commodity Costs:	6,130,435	
<b>Produced Gas:</b>	2,299,384	\$ 9,411,717
<b>Hedged Contract (Saving)/Loss</b>	-	
<b>Hedge Underground Storage Contract (Saving)/Loss</b>	-	
<b>Unadjusted Anticipated Cost of Gas</b>	\$ 94,649,751	28,544,323
<b>Adjustments:</b>		
Prior Period (Over)/Under Recovery (as of 05/01/20)	\$ 1,431,639	
Interest	44,085	
Fuel Inventory Revenue Requirement	335,667	
Broker Revenues	(3,600)	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	(6,938)	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(1,676,512)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	36,800	
<b>Total Adjustments</b>	<u>161,141</u>	
<b>Total Anticipated Direct Cost of Gas</b>	\$ 94,810,891	
<b>Anticipated Indirect Cost of Gas</b>		
<b>Working Capital:</b>		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 94,649,751	
Working Capital Rate: Lead Lag Days / 365	0.0705	
Prime Rate	3.25%	
Working Capital Percentage	0.229%	
Working Capital	\$ 216,761	
Plus: Working Capital Reconciliation (Acct 142.20)	(14,859)	
<b>Total Working Capital Allowance</b>		201,902
<b>Bad Debt:</b>		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 94,649,751	
Less: Refunds	-	
Plus: Total Working Capital	201,902	
Plus: Prior Period (Over)/Under Recovery	1,431,639	
<b>Subtotal</b>	<u>\$ 96,283,291</u>	
Bad Debt Percentage	0.70%	
Bad Debt Allowance	\$ 673,983	
Plus: Bad Debt Reconciliation (Acct 175.52)	(223,340)	
<b>Total Bad Debt Allowance</b>		\$ 450,643
<b>Production and Storage Capacity</b>		\$ 3,685,458
Miscellaneous Overhead 11/01/20 - 04/30/21	\$ -	
Times Winter Sales	91,677	
Divided by Total Sales	<u>115,043</u>	
<b>Miscellaneous Overhead</b>		-
<b>Total Anticipated Indirect Cost of Gas</b>		\$ 4,338,002
<b>Total Cost of Gas</b>		<u>\$ 99,148,894</u>

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**33. CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE**

**Calculation of Firm Transportation Cost of Gas Rate**  
**PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022**  
**(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	\$ 920,459		
LNG	<u>1,378,925</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	2,299,384		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	8.7%		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 200,046</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	91,676,680	68.3%	
FIRM TRANSPORTATION SUBJECT TO FTCCG	<u>42,583,790</u>	<u>31.7%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	134,260,470	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x	\$ 200,046 = \$ 63,449
PRIOR (OVER) OR UNDER COLLECTION			<u>(56,511)</u>
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 6,938
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,583,790
FIRM TRANSPORTATION COST OF GAS			\$ 0.0002

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

### 34. ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS

#### Environmental Surcharge - Manufactured Gas Plants

##### Manufactured Gas Plants

Required Annual Environmental Increase	\$2,351,805
Second one-third of prior period under recoveries (through June 2019)	\$341,389
July 2020 - June 2021 recovery difference between actual and estimate	\$139,028
Environmental Subtotal	\$2,832,222
Overall Annual Net Increase to Rates	\$2,832,222
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2022 - sales and transportation	182,829,872 therms
Surcharge per therm	\$0.0155 per therm
<b><u>Total Environmental Surcharge</u></b>	<b><u>\$0.0155</u></b>

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

**35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION**

1	<u>Rate Case Exepense</u>	
2	Prior Period Balance	(\$11,949)
3	Expenses thru June 30, 2021	<u>\$785,177</u>
4	Balance at June 30, 2021	<u>\$773,228</u>
5	Less: Accrual Balance	<u>(\$26,000)</u>
6	Removal of RCE per Order 26,2541 in DG 21-130	<u>(\$747,228)</u>
6	Adjusted Rate Case Expense	(\$0)
7		
8	<u>Recoupment</u>	
9	Distribution Recoupment from Docket No. DG 20-105	(\$568,780)
10	Indirect Costs Recoupment from Docket No. DG 20-105	<u>\$1,900,000</u>
11	Total Recoupment	<u>\$1,331,220</u>
12		
13	Beginning Balance	<u>\$1,331,220</u>
14		
15	Estimated Remaining Expenses	\$0
16		
17	Plus Estimated Interest from July 2021 through October 2021	<u>\$10,899</u>
18		
19	Minus Estimated Recoveries from July 2021 through October 2021	<u>(\$7,864)</u>
20		
21	Total Estimated Remaining Recovery As of November 1, 2021	<u>\$1,334,255</u>
22		
23	Estimated November 2021 - October 2022 Interest	<u>\$16,852</u>
24		
25	Total Remaining Recovery	<u>\$1,351,107</u>
26		
27	Estimated November 2021 - October 2022 Sales (therms)	<u>182,829,872</u>
28		
29	RCE & Recoupment rate per therm November 2021 - October 2022	<u>\$0.0074</u>

DATED: November 19, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President



36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Charge Calculation

	Sales Customers	Transportation Customers	
<b><u>Residential Non Heating Rates - R-1, R-5</u></b>			
Energy Efficiency Charge	\$ 0.0861		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$ 0.0861		
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0155		
Environmental Surcharge (ES)		0.0155	
Revenue Decoupling Adjustment Factor (RDAF)		0.0152	
Property Tax Adjustment Mechanism (PTAM)		0.0120	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
<b>LDAC</b>	<b>\$ 0.1517</b>		<b>per therm</b>
<b><u>Residential Heating Rates - R-3, R-4, R-6, R-7</u></b>			
Energy Efficiency Charge	\$ 0.0861		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$ 0.0861		
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0155		
Environmental Surcharge (ES)		0.0155	
Revenue Decoupling Adjustment Factor (RDAF)		0.0152	
Property Tax Adjustment Mechanism (PTAM)		0.0120	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
<b>LDAC</b>	<b>\$ 0.1517</b>		<b>per therm</b>
<b><u>Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55</u></b>			
Energy Efficiency Charge	\$0.0408		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$ 0.0408	\$ 0.0408	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0155		
Environmental Surcharge (ES)		0.0155	0.0155
Revenue Decoupling Adjustment Factor (RDAF)		0.0039	0.0039
Property Tax Adjustment Mechanism (PTAM)		0.0120	0.0120
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
<b>LDAC</b>	<b>\$ 0.0951</b>	<b>\$ 0.0951</b>	<b>per therm</b>
<b><u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56</u></b>			
Energy Efficiency Charge	\$0.0408		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$0.0408	\$0.0408	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0155		
Environmental Surcharge (ES)		0.0155	0.0155
Revenue Decoupling Adjustment Factor (RDAF)		0.0039	0.0039
Property Tax Adjustment Mechanism (PTAM)		0.0120	0.0120
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
<b>LDAC</b>	<b>\$ 0.0951</b>	<b>\$ 0.0951</b>	<b>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	\$ 0.0408		
Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	\$0.0408	\$0.0408	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		
Manufactured Gas Plants	0.0155		
Environmental Surcharge (ES)		0.0155	0.0155
Revenue Decoupling Adjustment Factor (RDAF)		0.0039	0.0039
Property Tax Adjustment Mechanism (PTAM)		0.0120	0.0120
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
<b>LDAC</b>	<b>\$ 0.0951</b>	<b>\$ 0.0951</b>	<b>per therm</b>

DATED: November 19, 2021


ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman  
TITLE: President

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

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$ 0.1800	per MMBtu of Daily Imbalance Volumes")
II. Capacity Mitigation Fee	15%	of the Proceeds from the Marketing of
III. Peaking Demand Charge	\$ 54.72	MMBTU of Peak MDQ
IV.  Company Allowance Calculation (per Schedule 25)		
	165,859,380	Total Sendout - Therms Jul -2020 - Jun-2021
	<u>163,831,092</u>	Total Throughput - Therms Jul-2020 - Jun-2021
	2,028,288	Variance (Sendout - Throughput)
Company Allowance Percentage 2020-21	1.2%	Variance / Total Sendout

DATED: November 19, 2021

EFFECTIVE: November 1, 2021

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

**3 ATTACHMENT C**  
**Capacity Allocators**

**CAPACITY ALLOCATORS**

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

DATED: November 19, 2021

EFFECTIVE: November 1, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President