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Neil Proudman

TITLE: President

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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
Residential Non Heating - R-1									
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39				\$ 15.39
All therms	\$ 0.3844	\$ 1.1339	\$ 0.1397	\$ 1.66	\$ 0.3844	\$ 0.5587	\$ 0.1397		\$ 1.0828
Residential Heating - R-3									
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39				\$ 15.39
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
Residential Heating - R-4									
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39				\$ 15.39
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
Commercial/Industrial - G-41									
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06				\$ 57.06
Size of the first block	100 therms				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
Commercial/Industrial - G-42									
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
Commercial/Industrial - G-43									
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69				\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 1.1341	\$ 0.0831	\$ 1.4792	\$ 0.1198	\$ 0.5593	\$ 0.0831		\$ 0.7622
Commercial/Industrial - G-51									
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06				\$ 57.06
Size of the first block	100 therms				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
Commercial/Industrial - G-52									
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19				\$ 171.19
Size of the first block	1000 therms				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
Commercial/Industrial - G-53									
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10				\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 1.1324	\$ 0.0831	\$ 1.3852	\$ 0.0814	\$ 0.5580	\$ 0.0831		\$ 0.7225
Commercial/Industrial - G-54									
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10				\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 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				
	<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>
Residential Non Heating - R-5									
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
Residential Heating - R-6									
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01				\$ 20.01
All therms	\$ 0.7322	\$ 1.1339	\$ 0.1397	\$ 2.0058	\$ 0.7322	\$ 0.5587	\$ 0.1397		\$ 1.4306
Residential Heating - R-7									
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 11.01				\$ 11.01
All therms	\$ 0.4027	\$ 0.6236	\$ 0.1397	\$ 1.1660	\$ 0.4027	\$ 0.5587	\$ 0.1397		\$ 1.1011
Commercial/Industrial - G-44									
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.1800				\$ 74.1800
Size of the first block	100 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	\$ -	\$ 0.0408		
Commercial/Industrial - G-45									
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55				\$ 222.55
Size of the first block	1000 therms				400 therms				
Therms in the first block per month at	\$ 0.5539	\$ 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
Commercial/Industrial - G-46									
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10				\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 1.1341	\$ 0.0831	\$ 1.5578	\$ 0.1557	\$ 0.5593	\$ 0.0831		\$ 0.7981
Commercial/Industrial - G-55									
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18				\$ 74.18
Size of the first block	100 therms				100 therms				
Therms in the first block per month at	\$ 0.3665	\$ 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
Commercial/Industrial - G-56									
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55				\$ 222.55
Size of the first block	1000 therms				1000 therms				
Therms in the first block per month at	\$ 0.3157	\$ 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
Commercial/Industrial - G-57									
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93				\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 1.1324	\$ 0.0831	\$ 1.4362	\$ 0.1059	\$ 0.5580	\$ 0.0831		\$ 0.7470
Commercial/Industrial - G-58									
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 970.84				\$ 970.84
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

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Neil Proudman
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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)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	\$ 3,276,842	
Supply Costs:	6,971,475	
Storage Gas:		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
Produced Gas:	\$ 82,504	
Hedged Contract (Savings)/Loss	\$ -	
Unadjusted Anticipated Cost of Gas		\$ 10,330,821
Adjustments:		
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	-	
Total Adjustments		<u>4,695,023</u>
Total Anticipated Direct Cost of Gas		\$ 15,025,844
Anticipated Indirect Cost of Gas		
Working Capital:		
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>	
Total Working Capital Allowance		\$ 5,324
Bad Debt		
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	
Subtotal	\$ 14,808,331	
Bad Debt Percentage	0.70%	
Bad Debt Allowance	\$ 103,658	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	<u>23,159</u>	
Total Bad Debt Allowance		126,817
Production and Storage Capacity		-
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$ -	
Times Summer Sales	23,366	
Divided by Total Sales	<u>115,043</u>	
Miscellaneous Overhead		-
Total Anticipated Indirect Cost of Gas		\$ 132,141
Total Cost of Gas		\$ 15,157,985

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

Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208	
Times: Low Winter Use Ratio (Summer)	0.9910	Maximum (COG + 25%)
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	

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2022	COGsh	\$ 0.5593 /therm
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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%)
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	

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

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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	
Direct Cost of Gas Rate		\$ 1.0843 per therm
Demand Cost of Gas Rate	\$ 13,868,897	\$ 0.1586 per therm
Commodity Cost of Gas Rate	80,780,853	\$ 0.9238 per therm
Adjustment Cost of Gas Rate	161,141	\$ 0.0018 per therm
Total Direct Cost of Gas Rate	\$ 94,810,891	\$ 1.0843 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,338,002	
Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
Indirect Cost of Gas		\$ 0.0496 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/21		\$ 1.1339 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/21		
	COGwr	\$ 1.1339 /therm
	Maximum (COG + 25%)	\$ 1.4174
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/21		
	COGwr	\$ 0.6236 /therm
	Maximum (COG + 25%)	\$ 0.7796
C&I LOW WINTER USE COST OF GAS RATE - 11/01/21		
	COGwl	\$ 1.1324 /therm

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

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/21	COGwh	\$ 1.1341 /therm
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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	1.0001		
Adjusted Demand Cost of Gas Rate	\$ 0.1589		
Commodity Cost of Gas Rate	\$ 0.9238		
Adjustment Cost of Gas Rate	\$ 0.0018		
Indirect Cost of Gas Rate	\$ 0.0496		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 1.1341		

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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)	
ANTICIPATED DIRECT COST OF GAS			
Purchased Gas			
Demand Costs:	\$	12,887,000	
Supply Costs:		72,351,034	
Storage Gas:			
Demand, Capacity:	\$	981,898	
Commodity Costs:		6,130,435	
Produced Gas:		2,299,384	\$ 9,411,717
Hedged Contract (Saving)/Loss		-	
Hedge Underground Storage Contract (Saving)/Loss		-	
Unadjusted Anticipated Cost of Gas		\$ 94,649,751	28,544,323
Adjustments:			
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	
Total Adjustments		161,141	
Total Anticipated Direct Cost of Gas		\$ 94,810,891	
Anticipated Indirect Cost of Gas			
Working Capital:			
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)	
Total Working Capital Allowance			201,902
Bad Debt:			
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	
Subtotal	\$	96,283,291	
Bad Debt Percentage		0.70%	
Bad Debt Allowance	\$	673,983	
Plus: Bad Debt Reconciliation (Acct 175.52)		(223,340)	
Total Bad Debt Allowance		\$ 450,643	
Production and Storage Capacity		\$ 3,685,458	
Miscellaneous Overhead 11/01/20 - 04/30/21	\$	-	
Times Winter Sales		91,677	
Divided by Total Sales		115,043	
Miscellaneous Overhead		-	
Total Anticipated Indirect Cost of Gas		\$ 4,338,002	
Total Cost of Gas		\$ 99,148,894	

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

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 FTCG	<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 14, 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	<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</u> per therm
<u>Total Environmental Surcharge</u>	<u>\$0.0155</u>

DATED: November 14, 2021
EFFECTIVE: November 1, 2021

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

35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION

1	<u>Rate Case Expense</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 14, 2021

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2021

TITLE: President

36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Charge Calculation

Residential Non Heating Rates - R-1, R-5

		Sales Customers	Transportation Customers
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	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
LDAC		\$ 0.1397	per therm

Residential Heating Rates - R-3, R-4, R-6, R-7

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	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
LDAC		\$ 0.1397	per therm

Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55

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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56

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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58

Energy Efficiency Charge	\$ 0.0408		
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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

DATED: November 14, 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
			163,831,092	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 14, 2021
EFFECTIVE: November 1, 2021

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

3 ATTACHMENT C
Capacity Allocators

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
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 14, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman
TITLE: President

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DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman
TITLE: President

Authorized by NHPUC ~~Order No. 26,542 dated October 29, 2021, in Docket No. DG 21-132 and Order~~
No. 26,541, dated October 29, 2021, in Docket No. DG 21-130

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ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

Neil Proudman
TITLE: President

Authorized by NHPUC ~~Order No. 26,542 dated October 29, 2021, in Docket No. DG 21-132 and~~ Order No.
26,541, dated October 29, 2021, in Docket No. DG 21-130

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DATED: November 14, 2021

EFFECTIVE: November 1, 2021

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

Authorized by NHPUC ~~Order No. 26,542 dated October 29, 2021, in Docket No. DG 21-132 and~~ Order No.
26,541, dated October 29, 2021, in Docket No. DG 21-130

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DATED: ~~August-November 13~~ 14, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~August-November~~ 1, 2021

TITLE: Neil Proudman
President

Authorized by NHPUC Order No. 26, ~~505-541~~ dated ~~July-October 29~~ 30, 2021, in Docket No. DG ~~2021-405~~ 130

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Rates effective November 01, 2021 - April 30, 2022 Winter Period				Rates Effective August 1, 2021 - October 31, 2021 Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 96</u>	<u>LDAC Page 102</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 93</u>	<u>LDAC Page 102</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All Therms	\$ 0.3844	\$ 0.6050	\$ 0.0589	\$ 1.0483	\$ 0.3844	\$ 0.3935	\$ 0.0589	\$ 0.8368
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Size of the first block	All Therms				All Therms			
All Therms	\$ 0.5632	\$ 0.6050	\$ 0.0589	\$ 1.2271	\$ 0.5632	\$ 0.3935	\$ 0.0589	\$ 1.0156
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Size of the first block	All Therms				All Therms			
All Therms	\$ 0.3098	\$ 0.3328	\$ 0.0589	\$ 0.7015	\$ 0.5632	\$ 0.3935	\$ 0.0589	\$ 1.0156
<u>Commercial/Industrial - G-41</u>								
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	\$ 0.6031	\$ 0.0555	\$ 1.1274	\$ 0.4688	\$ 0.3886	\$ 0.0555	\$ 0.9129
All therms over the first block per month at	\$ 0.3149	\$ 0.6031	\$ 0.0555	\$ 0.9735	\$ 0.3149	\$ 0.3886	\$ 0.0555	\$ 0.7590
<u>Commercial/Industrial - G-42</u>								
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	\$ 0.6031	\$ 0.0555	\$ 1.0847	\$ 0.4261	\$ 0.3886	\$ 0.0555	\$ 0.8702
All therms over the first block per month at	\$ 0.2839	\$ 0.6031	\$ 0.0555	\$ 0.9425	\$ 0.2839	\$ 0.3886	\$ 0.0555	\$ 0.7280
<u>Commercial/Industrial - G-43</u>								
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 0.6031	\$ 0.0555	\$ 0.9206	\$ 0.1198	\$ 0.3886	\$ 0.0555	\$ 0.5639
<u>Commercial/Industrial - G-51</u>								
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	\$ 0.6139	\$ 0.0555	\$ 0.9513	\$ 0.2819	\$ 0.3999	\$ 0.0555	\$ 0.7373
All therms over the first block per month at	\$ 0.1833	\$ 0.6139	\$ 0.0555	\$ 0.8527	\$ 0.1833	\$ 0.3999	\$ 0.0555	\$ 0.6387
<u>Commercial/Industrial - G-52</u>								
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	\$ 0.6139	\$ 0.0555	\$ 0.9122	\$ 0.1759	\$ 0.3999	\$ 0.0555	\$ 0.6313
All therms over the first block per month at	\$ 0.1617	\$ 0.6139	\$ 0.0555	\$ 0.8311	\$ 0.1000	\$ 0.3999	\$ 0.0555	\$ 0.5554
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 0.6139	\$ 0.0555	\$ 0.8391	\$ 0.0814	\$ 0.3999	\$ 0.0555	\$ 0.5368
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 0.6139	\$ 0.0555	\$ 0.7342	\$ 0.0352	\$ 0.3999	\$ 0.0555	\$ 0.4906

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

EFFECTIVE: November 1, 2021

TITLE: President

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DATED: August 13, 2021

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Neil Proudman

EFFECTIVE: August 1, 2021

TITLE: President

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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
Residential Non Heating - R-1									
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39		\$ 15.39			\$ 15.39
All therms	\$ 0.3844	\$ 1.1339	\$ 0.1397	\$ 1.66		\$ 0.3844	\$ 0.5587	\$ 0.1397	\$ 1.0828
Residential Heating - R-3									
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39		\$ 15.39			\$ 15.39
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
Residential Heating - R-4									
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47		\$ 15.39			\$ 15.39
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
Commercial/Industrial - G-41									
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06		\$ 57.06			\$ 57.06
Size of the first block	100 therms					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
Commercial/Industrial - G-42									
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
Commercial/Industrial - G-43									
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69		\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 1.1341	\$ 0.0831	\$ 1.4792		\$ 0.1198	\$ 0.5593	\$ 0.0831	\$ 0.7622
Commercial/Industrial - G-51									
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06		\$ 57.06			\$ 57.06
Size of the first block	100 therms					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
Commercial/Industrial - G-52									
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19		\$ 171.19			\$ 171.19
Size of the first block	1000 therms					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
Commercial/Industrial - G-53									
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10		\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 1.1324	\$ 0.0831	\$ 1.3852		\$ 0.0814	\$ 0.5580	\$ 0.0831	\$ 0.7225
Commercial/Industrial - G-54									
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10		\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 1.1324	\$ 0.0831	\$ 1.2803		\$ 0.0352	\$ 0.5580	\$ 0.0831	\$ 0.6763

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

EFFECTIVE: November 1, 2021

TITLE: President

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II RATE SCHEDULES
FIRM RATE SCHEDULES

	Rates effective November 01, 2021 - April 30, 2022 Winter Period				Rates Effective August 1, 2021 - October 31, 2021 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 96	LDAC Page 102	Total Rate	Delivery Charge	Cost of Gas Rate Page 93	LDAC Page 102	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All Therms	\$ 0.4997	\$ 0.6050	\$ 0.0589	\$ 1.1636	\$ 0.4997	\$ 0.3935	\$ 0.0589	\$ 0.9521
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.7322	\$ 0.6050	\$ 0.0589	\$ 1.3961	\$ 0.7322	\$ 0.3935	\$ 0.0589	\$ 1.1846
Residential Heating - R-7								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.4027	\$ 0.6050	\$ 0.0589	\$ 1.0666	\$ 0.7322	\$ 0.3935	\$ 0.0589	\$ 1.1846
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6094	\$ 0.6031	\$ 0.0555	\$ 1.2680	\$ 0.6094	\$ 0.3886	\$ 0.0555	\$ 1.0535
All therms over the first block per month at	\$ 0.4094	\$ 0.6031	\$ 0.0555	\$ 1.0680	\$ 0.4094	\$ 0.3886	\$ 0.0555	\$ 0.8535
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5539	\$ 0.6031	\$ 0.0555	\$ 1.2125	\$ 0.5539	\$ 0.3886	\$ 0.0555	\$ 0.9980
All therms over the first block per month at	\$ 0.3691	\$ 0.6031	\$ 0.0555	\$ 1.0277	\$ 0.3691	\$ 0.3886	\$ 0.0555	\$ 0.8132
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10			\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 0.6031	\$ 0.0555	\$ 0.9992	\$ 0.1557	\$ 0.3886	\$ 0.0555	\$ 0.5998
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3665	\$ 0.6139	\$ 0.0555	\$ 1.0359	\$ 0.3665	\$ 0.3999	\$ 0.0555	\$ 0.8219
All therms over the first block per month at	\$ 0.2383	\$ 0.6139	\$ 0.0555	\$ 0.9077	\$ 0.2383	\$ 0.3999	\$ 0.0555	\$ 0.6937
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3157	\$ 0.6139	\$ 0.0555	\$ 0.9851	\$ 0.2287	\$ 0.3999	\$ 0.0555	\$ 0.6841
All therms over the first block per month at	\$ 0.2102	\$ 0.6139	\$ 0.0555	\$ 0.8796	\$ 0.1300	\$ 0.3999	\$ 0.0555	\$ 0.5854
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 0.6139	\$ 0.0555	\$ 0.8901	\$ 0.1059	\$ 0.3999	\$ 0.0555	\$ 0.5613
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.0842	\$ 0.6139	\$ 0.0555	\$ 0.7536	\$ 0.0457	\$ 0.3999	\$ 0.0555	\$ 0.5011

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2021

TITLE: President

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

DATED: August 13, 2021

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EFFECTIVE: August 1, 2021

TITLE: President

Authorized by NHPUC Order No. 26,505 dated July 30, 2021, in Docket No. DG 20-105

**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
Residential Non Heating - R-5								
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
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All therms	\$ 0.7322	\$ 1.1339	\$ 0.1397	\$ 2.0058	\$ 0.7322	\$ 0.5587	\$ 0.1397	\$ 1.4306
Residential Heating - R-7								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 11.01			\$ 11.01
All therms	\$ 0.4027	\$ 0.6236	\$ 0.1397	\$ 1.1660	\$ 0.4027	\$ 0.5587	\$ 0.1397	\$ 1.1011
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.1800			\$ 74.1800
Size of the first block	100 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	\$ -	\$ 0.0408	\$ 0.4094
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5539	\$ 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
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 955.10			\$ 955.10	\$ 955.10			\$ 955.10
All therms over the first block per month at	\$ 0.3406	\$ 1.1341	\$ 0.0831	\$ 1.5578	\$ 0.1557	\$ 0.5593	\$ 0.0831	\$ 0.7981
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 74.18			\$ 74.18	\$ 74.18			\$ 74.18
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3665	\$ 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
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 222.55			\$ 222.55	\$ 222.55			\$ 222.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3157	\$ 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
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 982.93			\$ 982.93
All therms over the first block per month at	\$ 0.2207	\$ 1.1324	\$ 0.0831	\$ 1.4362	\$ 0.1059	\$ 0.5580	\$ 0.0831	\$ 0.7470
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 982.93			\$ 982.93	\$ 970.84			\$ 970.84
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 14, 2021

ISSUED BY: /s/Neil Proudman

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TITLE: President

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DATED: August 13, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: August 1, 2021

TITLE: President

Authorized by NHPUC Order No. 26,505 dated July 30, 2021, in Docket No. DG 20-105

Anticipated Cost of Gas		
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2021 THROUGH OCTOBER 31, 2021 (REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)		
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	\$ 2,868,280	
Supply Costs:	4,387,278	
Storage Gas:		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
Produced Gas:		
	\$ 29,014	
Hedged Contract (Savings)/Loss		
	\$ -	
Unadjusted Anticipated Cost of Gas		
		\$ 7,284,571
Adjustments:		
Prior Period (Over)/Under Recovery (as of April 30, 2019)	\$ 105,886	
Interest	(3,492)	
Prior Period Adjustments	-	
Broker Revenues	-	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	-	
Interruptible Sales Margin	-	
Capacity Release Margin	-	
Hedging Costs	-	
Fixed Price Option Administrative Costs	-	
Total Adjustments		<u>102,394</u>
Total Anticipated Direct Cost of Gas		
		\$ 7,386,965
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19	\$ 7,284,571	
Working Capital Rate - Lead Lag Days / 365	0.0391	
Prime Rate	3.25%	
Working Capital Percentage	0.127%	
Working Capital	\$ 9,258	
Plus: Working Capital Reconciliation (Acct 1163-1424)	<u>(13,709)</u>	
Total Working Capital Allowance		\$ (4,451)
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19	\$ 7,284,571	
Less: Refunds	-	
Plus: Total Working Capital	(4,451)	
Plus: Prior Period (Over)/Under Recovery	105,886	
Subtotal	<u>\$ 7,386,006</u>	
Bad Debt Percentage	1.11%	
Bad Debt Allowance	\$ 81,985	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	<u>(326,326)</u>	
Total Bad Debt Allowance		(244,341)
Production and Storage Capacity		
		-
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$ 13,170	
Times Summer Sales	22,004	
Divided by Total Sales	<u>111,369</u>	
Miscellaneous Overhead		<u>2,602</u>
Total Anticipated Indirect Cost of Gas		
		\$ (246,190)
Total Cost of Gas		
		<u>\$ 7,140,775</u>

DATED: November 14, 2021 ISSUED BY: /s/Neil Proudman
Neil Proudman
EFFECTIVE: November 1, 2021 TITLE: President

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Neil Proudman
EFFECTIVE: August 1, 2021 TITLE: President

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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)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	\$ 3,276,842	
Supply Costs:	6,971,475	
Storage Gas:		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
Produced Gas:	\$ 82,504	
Hedged Contract (Savings)/Loss	\$ -	
Unadjusted Anticipated Cost of Gas		\$ 10,330,821
Adjustments:		
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	-	
Total Adjustments		<u>4,695,023</u>
Total Anticipated Direct Cost of Gas		\$ 15,025,844
Anticipated Indirect Cost of Gas		
Working Capital:		
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>	
Total Working Capital Allowance		\$ 5,324
Bad Debt		
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	
Subtotal	<u>\$ 14,808,331</u>	
Bad Debt Percentage	0.70%	
Bad Debt Allowance	\$ 103,658	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	<u>23,159</u>	
Total Bad Debt Allowance		126,817
Production and Storage Capacity		-
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$ -	
Times Summer Sales	23,366	
Divided by Total Sales	<u>115,043</u>	
Miscellaneous Overhead		-
Total Anticipated Indirect Cost of Gas		\$ 132,141
Total Cost of Gas		<u>\$ 15,157,985</u>

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

EFFECTIVE: November 1, 2021

TITLE: President

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CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2021 THROUGH OCTOBER 31, 2021
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 7,386,966	
Projected Prorated Sales (05/01/20 - 10/31/20)	22,681,422	
Direct Cost of Gas Rate		\$ 0.3257 per therm
Demand Cost of Gas Rate	\$ 2,868,280	\$ 0.1265 per therm
Commodity Cost of Gas Rate	4,416,292	\$ 0.1947 per therm
Adjustment Cost of Gas Rate	102,394	\$ 0.0045 per therm
Total Direct Cost of Gas Rate	\$ 7,386,966	\$ 0.3257 per therm
Total Anticipated Indirect Cost of Gas	\$ (246,190)	
Projected Prorated Sales (05/01/20 - 10/31/20)	22,681,422	
Indirect Cost of Gas		\$ (0.0109) per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/21		\$ 0.3148 per therm
RESIDENTIAL COST OF GAS RATE - 05/01/2021 Approved in Order No 26,419 in DG 20-141	COGr	\$ 0.3148 /therm
Change in rate due to change in under/over recovery		\$ 0.0787
RESIDENTIAL COST OF GAS RATE - 06/01/2021	COGr	\$ 0.3935 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 06/01/2021	COGr	\$ 0.3935 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 07/01/2021	COGr	\$ 0.3935 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 08/01/2021	COGr	\$ 0.3935 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 09/01/2021	COGr	\$ 0.3935 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 10/01/2021	COGr	\$ 0.3935 /therm
Maximum (COG + 25%)		\$ 0.3935
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2021 Approved in Order No 26,419 in DG 20-141	COG#	\$ 0.3199 /therm
Change in rate due to change in under/over recovery		\$ 0.0800
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2021	COG#	\$ 0.3999 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2021	COG#	\$ 0.3999 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2021	COG#	\$ 0.3999 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/2021	COG#	\$ 0.3999 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/2021	COG#	\$ 0.3999 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/2021	COG#	\$ 0.3999 /therm
Average Demand Cost of Gas Rate Effective 05/01/20	\$ 0.1265	
Times: Low Winter Use Ratio (Summer)	1.0620	
Times: Correction Factor	0.9798	
Adjusted Demand Cost of Gas Rate	\$ 0.1316	
Commodity Cost of Gas Rate	\$ 0.1947	
Adjustment Cost of Gas Rate	0.0045	
Indirect Cost of Gas Rate	(0.0109)	
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.3199	
Maximum (COG + 25%)		\$ 0.3999
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2021	COG#	\$ 0.3109 /therm
Change in rate due to change in under/over recovery		\$ 0.0777
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2021	COG#	\$ 0.3886 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2021	COG#	\$ 0.3886 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2021	COG#	\$ 0.3886 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2021	COG#	\$ 0.3886 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2021	COG#	\$ 0.3886 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/2021	COG#	\$ 0.3886 /therm
Average Demand Cost of Gas Rate Effective 05/01/20	\$ 0.1265	
Times: High Winter Use Ratio (Summer)	0.9890	
Times: Correction Factor	0.9798	
Adjusted Demand Cost of Gas Rate	\$ 0.1226	
Commodity Cost of Gas Rate	\$ 0.1947	
Adjustment Cost of Gas Rate	0.0045	
Indirect Cost of Gas Rate	(0.0109)	
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.3109	
Maximum (COG + 25%)		\$ 0.3886

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

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TITLE: President

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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	
Direct Cost of Gas Rate		\$ 0.5539 per therm
Demand Cost of Gas Rate	\$ 3,276,842	\$ 0.1208 per therm
Commodity Cost of Gas Rate	7,053,979	\$ 0.2601 per therm
Adjustment Cost of Gas Rate	4,695,023	\$ 0.1731 per therm
Total Direct Cost of Gas Rate	\$ 15,025,844	\$ 0.5539 per therm
Total Anticipated Indirect Cost of Gas	\$ 131,366	
Projected Prorated Sales (05/01/22 - 10/31/22)	27,125,444	
Indirect Cost of Gas		\$ 0.0048 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/22		\$ 0.5587 per therm
RESIDENTIAL COST OF GAS RATE - 05/01/2022		
	COGsr	\$ 0.5587 /therm
	Maximum (COG + 25%)	\$ 0.6984
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2022		
	COGsl	\$ 0.5580 /therm
Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208	
Times: Low Winter Use Ratio (Summer)	0.9910	
Times: Correction Factor	1.0027	
Adjusted Demand Cost of Gas Rate	\$ 0.1200	
		Maximum (COG + 25%) \$ 0.6975
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	
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2022		
	COGsh	\$ 0.5593 /therm
Average Demand Cost of Gas Rate Effective 05/01/22	\$ 0.1208	
Times: High Winter Use Ratio (Summer)	1.0017	
Times: Correction Factor	1.0027	
Adjusted Demand Cost of Gas Rate	\$ 0.1213	
		Maximum (COG + 25%) \$ 0.6991
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	

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Neil Proudman
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Neil Proudman
EFFECTIVE: August 1, 2021 TITLE: President

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II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
(Refer to Text in Section 17(A) Fixed Price Option Program)

	(Col 1)	(Col 2)	(Col 3)
1 Total Anticipated Direct Cost of Gas		\$46,922,854	
2 Projected Prorated Sales (11/01/20 - 04/30/21)		88,213,529	
3 Direct Cost of Gas Rate		\$	0.5319 per therm
4 Demand Cost of Gas Rate		\$12,978,688	\$ 0.1471 per therm
5 Commodity Cost of Gas Rate		32,931,719	\$ 0.3733 per therm
6 Adjustment Cost of Gas Rate		1,012,447	\$ 0.0115 per therm
7 Total Direct Cost of Gas Rate		\$46,922,854	\$ 0.5319 per therm
8 Total Anticipated Indirect Cost of Gas		\$ 2,220,114	
9 Projected Prorated Sales (11/01/20 - 04/30/21)		88,213,529	
10 Indirect Cost of Gas		\$	0.0252 per therm
11 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/19)		\$	0.5571
12 <u>Calculation of FPO Excluding Low Income - Rate Code R-3</u>			
13 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/19)		\$	0.5571
14 FPO Risk Premium		\$	0.0200
15 TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/19)		\$	0.5771
16 RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/20	COGwr	\$	0.5771 /therm
17 <u>Calculation of FPO for Gas Assistance Program - Rate Code R-4</u>			
18 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/20) FPO (Line 13 * 0.55)		\$	0.3064
19 FPO Risk Premium (Line 14 * 0.55)		\$	0.0110
20 TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/19) (Line 15 * 0.55)		\$	0.3174
21 RESIDENTIAL COST OF GAS RATE - LOW INCOME - (R-4) 11/01/20	COGwr	\$	0.3174 /therm

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

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CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 46,922,854	
Projected Prorated Sales (11/01/2020 - 04/30/21)	88,213,529	
Direct Cost of Gas Rate		\$ 0.5319 per therm
Demand Cost of Gas Rate	\$ 12,978,688	\$ 0.1471 per therm
Commodity Cost of Gas Rate	32,931,719	\$ 0.3733 per therm
Adjustment Cost of Gas Rate	1,012,447	\$ 0.0115 per therm
Total Direct Cost of Gas Rate	\$ 46,922,854	\$ 0.5319 per therm
Total Anticipated Indirect Cost of Gas	\$ 2,220,114	
Projected Prorated Sales (11/01/20 - 04/30/21)	88,213,529	
Indirect Cost of Gas		\$ 0.0252 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/20		\$ 0.5571 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/20	COGwr	\$ 0.5571 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 12/01/2020	COGsr	\$ 0.5571 /therm
Change in Rate due to change in under/over recovery		\$ (0.0907)
RESIDENTIAL COST OF GAS RATE - 01/01/2021	COGwr	\$ 0.4664 /therm
Change in Rate due to change in under/over recovery		\$ (0.0388)
RESIDENTIAL COST OF GAS RATE - 02/01/2021	COGwr	\$ 0.4276 /therm
Change in Rate due to change in under/over recovery		\$ 0.0880
RESIDENTIAL COST OF GAS RATE - 03/01/2021	COGwr	\$ 0.5156 /therm
Change in Rate due to change in under/over recovery		\$ 0.0894
RESIDENTIAL COST OF GAS RATE - 04/01/2021	COGwr	\$ 0.6050 /therm
Maximum (COG + 25%)		\$ 0.6964
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/20	COGwr	\$ 0.3064 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 12/01/2020	COGsr	\$ 0.3064 /therm
Change in Rate due to change in under/over recovery		\$ (0.0499)
RESIDENTIAL COST OF GAS RATE - 01/01/2021	COGwr	\$ 0.2565 /therm
Change in Rate due to change in under/over recovery		\$ (0.0213)
RESIDENTIAL COST OF GAS RATE - 2/1/2021	COGwr	\$ 0.2352 /therm
Change in Rate due to change in under/over recovery		\$ 0.0484
RESIDENTIAL COST OF GAS RATE - 3/1/2021	COGwr	\$ 0.2836 /therm
Change in Rate due to change in under/over recovery		\$ 0.0492
RESIDENTIAL COST OF GAS RATE - 4/1/2021	COGwr	\$ 0.3328 /therm
Maximum (COG + 25%)		\$ 0.3830
C&I LOW WINTER USE COST OF GAS RATE - 11/01/20	COGwl	\$ 0.5660 /therm
Change in rate due to change in under/over recovery		\$ -
C&I LOW WINTER USE COST OF GAS RATE - 12/01/2020	COGsl	\$ 0.5660 /therm
Change in Rate due to change in under/over recovery		\$ (0.0907)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2021	COGsl	\$ 0.4753 /therm
Change in Rate due to change in under/over recovery		\$ (0.0388)
C&I LOW WINTER USE COST OF GAS RATE - 2/01/2021	COGsl	\$ 0.4365 /therm
Change in Rate due to change in under/over recovery		\$ 0.0880
C&I LOW WINTER USE COST OF GAS RATE - 3/01/2021	COGsl	\$ 0.5245 /therm
Change in Rate due to change in under/over recovery		\$ 0.0894
C&I LOW WINTER USE COST OF GAS RATE - 4/01/2021	COGsl	\$ 0.6139 /therm
Average Demand Cost of Gas Rate Effective 11/01/20	\$ 0.1471	
Times: Low Winter Use Ratio (Winter)	1.0620	
Times: Correction Factor	0.9984	
Adjusted Demand Cost of Gas Rate	\$ 0.1560	
Commodity Cost of Gas Rate	\$ 0.3733	
Adjustment Cost of Gas Rate	\$ 0.0115	
Indirect Cost of Gas Rate	\$ 0.0252	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.5660	
Maximum (COG + 25%)	\$ 0.7075	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/20	COGwh	\$ 0.5552 /therm
Change in rate due to change in under/over recovery		\$ -
C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2020	COGsh	\$ 0.5552 /therm
Change in Rate due to change in under/over recovery		\$ (0.0907)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2021	COGwh	\$ 0.4645 /therm
Change in Rate due to change in under/over recovery		\$ (0.0388)
C&I HIGH WINTER USE COST OF GAS RATE - 2/01/2021	COGwh	\$ 0.4257 /therm
Change in Rate due to change in under/over recovery		\$ 0.0880
C&I HIGH WINTER USE COST OF GAS RATE - 3/01/2021	COGwh	\$ 0.5137 /therm
Change in Rate due to change in under/over recovery		\$ 0.0894
C&I HIGH WINTER USE COST OF GAS RATE - 4/01/2021	COGwh	\$ 0.6031 /therm
Average Demand Cost of Gas Rate Effective 11/01/20	\$ 0.1471	
Times: High Winter Use Ratio (Winter)	0.9890	
Times: Correction Factor	0.9984	
Adjusted Demand Cost of Gas Rate	\$ 0.1452	
Commodity Cost of Gas Rate	\$ 0.3733	
Adjustment Cost of Gas Rate	\$ 0.0115	
Indirect Cost of Gas Rate	\$ 0.0252	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.5552	
Maximum (COG + 25%)	\$ 0.6941	

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ISSUED BY: /s/Neil Proudman
Neil Proudman

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TITLE: President

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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	
Direct Cost of Gas Rate		\$ 1.0843 per therm
Demand Cost of Gas Rate	\$ 13,868,897	\$ 0.1586 per therm
Commodity Cost of Gas Rate	80,780,853	\$ 0.9238 per therm
Adjustment Cost of Gas Rate	161,141	\$ 0.0018 per therm
Total Direct Cost of Gas Rate	\$ 94,810,891	\$ 1.0843 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,338,002	
Projected Prorated Sales (11/01/21 - 04/30/22)	87,443,741	
Indirect Cost of Gas		\$ 0.0496 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/21		\$ 1.1339 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/21		
	COGwr	\$ 1.1339 /therm
	Maximum (COG + 25%)	\$ 1.4174
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/21		
	COGwr	\$ 0.6236 /therm
	Maximum (COG + 25%)	\$ 0.7796
C&I LOW WINTER USE COST OF GAS RATE - 11/01/21		
	COGwl	\$ 1.1324 /therm
Average Demand Cost of Gas Rate Effective 11/01/21		
Times: Low Winter Use Ratio (Winter)	\$ 0.1586	
Times: Correction Factor	0.9910	
Adjusted Demand Cost of Gas Rate	1.0001	
	\$ 0.1572	
Commodity Cost of Gas Rate	\$ 0.9238	
Adjustment Cost of Gas Rate	\$ 0.0018	
Indirect Cost of Gas Rate	\$ 0.0496	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 1.1324	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/21		
	COGwh	\$ 1.1341 /therm
Average Demand Cost of Gas Rate Effective 11/01/21		
Times: High Winter Use Ratio (Winter)	\$ 0.1586	
Times: Correction Factor	1.0017	
Adjusted Demand Cost of Gas Rate	1.0001	
	\$ 0.1589	
Commodity Cost of Gas Rate	\$ 0.9238	
Adjustment Cost of Gas Rate	\$ 0.0018	
Indirect Cost of Gas Rate	\$ 0.0496	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 1.1341	

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

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Anticipated Cost of Gas		
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021 (REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)		
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	\$ 12,022,922	
Supply Costs:	28,276,980	
Storage Gas:		
Demand, Capacity:	\$ 955,766	
Commodity Costs:	3,064,149	
Produced Gas:	1,590,589	
Hedged Contract (Saving)/Loss	-	
Hedge Underground Storage Contract (Saving)/Loss	-	
Unadjusted Anticipated Cost of Gas		\$ 45,910,407
Adjustments:		
Prior Period (Over)/Under Recovery (as of 05/01/20)	\$ 2,227,421	
Interest	72,812	
Fuel Inventory Revenue Requirement	441,037	
Broker Revenues	(32,725)	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	(4,516)	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(1,736,581)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	45,000	
Total Adjustments		1,012,447
Total Anticipated Direct Cost of Gas		\$ 46,922,854
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 45,910,407	
Working Capital Rate: Lead Lag Days / 365	0.0391	
Prime Rate	3.25%	
Working Capital Percentage	0.127%	
Working Capital	\$ 58,347	
Plus: Working Capital Reconciliation (Acct 142.20)	(66,837)	
Total Working Capital Allowance		(8,490)
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 45,910,407	
Less: Refunds	-	
Plus: Total Working Capital	(8,490)	
Plus: Prior Period (Over)/Under Recovery	2,227,421	
Subtotal	\$ 48,129,338	
Bad Debt Percentage	1.11%	
Bad Debt Allowance	\$ 534,236	
Plus: Bad Debt Reconciliation (Acct 175.52)	(296,628)	
Total Bad Debt Allowance		\$ 237,608
Production and Storage Capacity		\$ 1,980,428
Miscellaneous Overhead 11/01/20 - 04/30/21	\$ 13,170	
Times Winter Sales	89,365	
Divided by Total Sales	111,369	
Miscellaneous Overhead		10,568
Total Anticipated Indirect Cost of Gas		\$ 2,220,114
Total Cost of Gas		\$ 49,142,968

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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)	
ANTICIPATED DIRECT COST OF GAS			
Purchased Gas			
Demand Costs:	\$	12,887,000	
Supply Costs:		72,351,034	
Storage Gas:			
Demand, Capacity:	\$	981,898	
Commodity Costs:		6,130,435	
Produced Gas:		2,299,384	\$ 9,411,717
Hedged Contract (Saving)/Loss		-	
Hedge Underground Storage Contract (Saving)/Loss		-	
Unadjusted Anticipated Cost of Gas		\$ 94,649,751	28,544,323
Adjustments:			
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	
Total Adjustments		161,141	
Total Anticipated Direct Cost of Gas		\$ 94,810,891	
Anticipated Indirect Cost of Gas			
Working Capital:			
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)	
Total Working Capital Allowance			201,902
Bad Debt:			
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	
Subtotal	\$	96,283,291	
Bad Debt Percentage		0.70%	
Bad Debt Allowance	\$	673,983	
Plus: Bad Debt Reconciliation (Acct 175.52)		(223,340)	
Total Bad Debt Allowance		\$ 450,643	
Production and Storage Capacity		\$ 3,685,458	
Miscellaneous Overhead 11/01/20 - 04/30/21	\$	-	
Times Winter Sales		91,677	
Divided by Total Sales		115,043	
Miscellaneous Overhead		-	
Total Anticipated Indirect Cost of Gas		\$ 4,338,002	
Total Cost of Gas		\$ 99,148,894	

DATED: November 14, 2021

ISSUED BY: /s/Neil Proudman

Neil Proudman

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II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
(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	\$ 568,511		
LNG	<u>1,022,078</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	1,590,589		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	<u>8.7%</u>		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 138,381</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	89,364,968	67.8%	
FIRM TRANSPORTATION SUBJECT TO FTCG	<u>42,456,275</u>	<u>32.2%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	131,821,243	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	32.2%	x	\$ 138,381 = \$ 44,569
PRIOR (OVER) OR UNDER COLLECTION			<u>(40,053)</u>
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 4,516
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,456,275
FIRM TRANSPORTATION COST OF GAS			\$ 0.0001

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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 FTCG	<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

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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</u> per therm
Total Environmental Surcharge	<u>\$0.0155</u>

Environmental Surcharge - Manufactured Gas Plants

Manufactured Gas Plants

Required Annual Environmental Increase	\$2,864,179
First one-third of prior period under recoveries (through June 2019)	\$341,389
July 2019 - June 2020 recovery difference between actual and estimate	\$338,564
Environmental Subtotal	\$3,544,132
Overall Annual Net Increase to Rates	\$3,544,132
Estimated weather normalized firm therms billed for the twelve months ended 10/31/20 - sales and transportation	179,574,679 therms
Surcharge per therm	<u>\$0.0197</u> per therm
Total Environmental Surcharge	<u>\$0.0197</u>

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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 14, 2021 ISSUED BY: /s/Neil Proudman
Neil Proudman
EFFECTIVE: November 1, 2021 TITLE: President

Authorized by NHPUC Order No. 26,541 dated October 29, 2021, in Docket No. DG 21-130
DATED: August 13, 2021 ISSUED BY: /s/Neil Proudman
Neil Proudman
EFFECTIVE: August 1, 2021 TITLE: President

Authorized by NHPUC Order No. 26,505 dated July 30, 2021, in Docket No. DG 20-105

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty
Local Delivery Adjustment Charge (LDAC) increase due to Rate Case Expense and Recoupment
For LDAC effective November 1, 2020 - October 31, 2021

Rate Case Expense Remaining from Docket No. DG 17-048	\$87,069
Recoupment Remaining from Docket No. DG 17-048	<u>\$0</u>
July 1, 2020 Balance	\$87,069
Plus Estimated Interest from July 2020 through October 2020	\$745
Minus Estimated Recoveries from July 2020 through October 2020	<u>(\$43,733)</u>
Total Estimated Remaining Recovery As of November 1, 2020	\$44,081
Estimated November 2019 - October 2020 Interest	<u>\$538</u>
Total Remaining Recovery	\$44,619
Estimated November 2020 - October 2021 Sales (therms)	179,574,679
<u>RCE & Recoupment rate per therm November 2020 - October 2021</u>	<u>\$0.0002</u>

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Neil Proudman
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Authorized by NHPUC Order No. 26,541 dated October 29, 2021, in Docket No. DG 21-130
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EFFECTIVE: August 1, 2021 TITLE: President

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36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Charge Calculation

Residential Non Heating Rates - R-1, R-5

		Sales Customers	Transportation Customers
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	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
LDAC		\$ 0.1397	per therm

Residential Heating Rates - R-3, R-4, R-6, R-7

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	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
LDAC		\$ 0.1397	per therm

Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55

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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56

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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58

Energy Efficiency Charge	\$ 0.0408		
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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

DATED: ~~August~~ November 14, 2021

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

EFFECTIVE: ~~August~~ November 1, 2021

36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Charge Calculation

Residential Non Heating Rates - R-1, R-5

		Sales Customers	Transportation Customers
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	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
LDAC		\$ 0.1397	per therm

Residential Heating Rates - R-3, R-4, R-6, R-7

Energy Efficiency Charge	\$ 0.0861		
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Environmental Surcharge (ES)		0.0155	
Revenue Decoupling Adjustment Factor (RDAF)		0.0152	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	
Rate Case Expense Factor (RCEF)		0.0074	
Gas Assistance Program (GAP)		0.0156	
LDAC		\$ 0.1397	per therm

Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55

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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56

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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58

Energy Efficiency Charge	\$ 0.0408		
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
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0074	0.0074
Gas Assistance Program (GAP)		0.0156	0.0156
LDAC		\$ 0.0831	\$ 0.0831 per therm

DATED: ~~August~~ November 14, 2021

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

EFFECTIVE: ~~August~~ November 1, 2021

2 ATTACHMENT B
Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$	0.1200	per MMBtu of Daily Imbalance Volumes")
II. Capacity Mitigation Fee		15%	of the Proceeds from the Marketing of
III. Peaking Demand Charge	\$	17.32	MMBTU of Peak MDQ
IV. Company Allowance Calculation (per Schedule 25)			
		169,030,868	Total Sendout - Therms Jul -2019 - Jun-2020
		<u>166,311,578</u>	Total Throughput - Therms Jul-2019 - Jun-2020
		2,719,290	Variance (Sendout - Throughput)
Company Allowance Percentage 2020-21		1.6%	Variance / Total Sendout

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: ~~August-November 14~~13, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~August-November 1~~, 2021

TITLE: Neil Proudman
President

3 ATTACHMENT C Capacity Allocators

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual /High Winter Use	46.1%	17.1%	36.8%	100.0%
G-51	Low Annual /Low Winter Use	59.3%	12.9%	27.9%	100.0%
G-42	Medium Annual / High Winter	46.1%	17.1%	36.8%	100.0%
G-52	High Annual / Low Winter Use	59.3%	12.9%	27.9%	100.0%
G-43	High Annual / High Winter	46.1%	17.1%	36.8%	100.0%
G-53	High Annual / Load Factor < 90%	59.3%	12.9%	27.9%	100.0%
G-54	High Annual / Load Factor < 90%	59.3%	12.9%	27.9%	100.0%

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
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: ~~August-November 1~~ 14, 2021

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~August-November 1~~, 2021

Neil Proudman
TITLE: President