

STATE OF NEW HAMPSHIRE

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PUBLIC UTILITIES COMMISSION

21 S. Fruit St., Suite 10
Concord, N.H. 03301-2429

December 21, 2023

James M. King
Analyst II, Rates and Regulatory Affairs
Liberty
15 Buttrick Road
Londonderry, NH 03053

Re: Docket No. DG 23-076
Winter 2023-2024 and Summer 2024 Cost of Gas and LDAC Filing
Tariff Pages: 59th rev pg 1; 55th rev pg 3; 53rd rev pg 4; 3rd rev pg 5; 30th rev pgs 87, 89; 3rd
rev pg 91; 11th rev pg 92; 3rd rev pg 94; 13th rev pg 95; 3rd rev pgs 96, 98, 153, 154
Tariff No. 11
Effective Date: November 1, 2023

Dear Mr. King:

Employees of the New Hampshire Public Utilities Commission have reviewed the tariff filings received on November 15, 2023, and revised on November 20, 2023, in the above-captioned proceeding. Employees have confirmed that these rates are temporary, interim, and provisional until such time as the issue of the applicability and interpretation of Liberty's NHPUC No. 11 tariff is resolved. *See* Order No. 26,541 (October 29, 2021) and Order No. 26,542 (October 29, 2021). At such time that the tariff issue is resolved, the Commission will conduct a review and confirm the permanent rates in effect.

A copy of this letter is being entered into the docket and the tariff filing will be placed in our permanent file. In accordance with the Secretarial letter issued March 17, 2020, this letter will be filed electronically only at this time. I have attached date-stamped copies of the tariff pages to the email to the service list and can send physical copies upon request.

Please e-mail me at tariffs@puc.nh.gov if I can be of assistance.

Sincerely,

/s/ *Ben Martin-McDonough*

Ben Martin-McDonough
Tariff Administrator

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DATED: November 20, 2023

EFFECTIVE: November 1, 2023

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

Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. DG 23-076, Order No. 26,899 dated October 31, 2023, in Docket No. DG 23-067 and Order No. 26, 900 dated October 31, 2023, in Docket No. 23-084



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88	Thirty-second Revised
89	Thirtieth Revised

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Neil Proudman
TITLE: President

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DATED: November 15, 2023

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

Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. 23-076, and Order No. 26,900 dated October 31, 2023, in Docket No. 23-084



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DATED: November 20, 2023

EFFECTIVE: November 1, 2023

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President



22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective November 1, 2023 - April 30, 2024 Winter Period				Rates Effective May 1, 2024 - October 31, 2024 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	\$ 16.76			\$ 16.76	\$ 16.76			\$ 16.76
All therms	\$ 0.5025	\$ 0.7563	\$ 0.1180	\$ 1.3768	\$ 0.5025	\$ 0.0187	\$ 0.1180	\$ 0.6392
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 16.76			\$ 16.76	\$ 16.76			\$ 16.76
Therms in the first block per month at	\$ 0.6716	\$ 0.7563	\$ 0.1180	\$ 1.5459	\$ 0.6716	\$ 0.0187	\$ 0.1180	\$ 0.8083
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 9.22			\$ 9.22	\$ 16.76			\$ 16.76
Therms in the first block per month at	\$ 0.3694	\$ 0.4160	\$ 0.1180	\$ 0.9034	\$ 0.6716	\$ 0.0187	\$ 0.1180	\$ 0.8083
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 66.23			\$ 66.23	\$ 66.23			\$ 66.23
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.5367	\$ 0.7561	\$ 0.0957	\$ 1.3885	\$ 0.5367	\$ 0.0181	\$ 0.0957	\$ 0.6505
All therms over the first block per month at	\$ 0.3692	\$ 0.7561	\$ 0.0957	\$ 1.2210	\$ 0.3692	\$ 0.0181	\$ 0.0957	\$ 0.4830
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 198.65			\$ 198.65	\$ 198.65			\$ 198.65
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.4884	\$ 0.7561	\$ 0.0957	\$ 1.3402	\$ 0.4884	\$ 0.0181	\$ 0.0957	\$ 0.6022
All therms over the first block per month at	\$ 0.3336	\$ 0.7561	\$ 0.0957	\$ 1.1854	\$ 0.3336	\$ 0.0181	\$ 0.0957	\$ 0.4474
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 850.68			\$ 850.68	\$ 850.68			\$ 850.68
All therms over the first block per month at	\$ 0.3012	\$ 0.7561	\$ 0.0957	\$ 1.1530	\$ 0.1464	\$ 0.0181	\$ 0.0957	\$ 0.2602
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 66.29			\$ 66.29	\$ 66.29			\$ 66.29
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3234	\$ 0.7573	\$ 0.0957	\$ 1.1764	\$ 0.3234	\$ 0.0193	\$ 0.0957	\$ 0.4384
All therms over the first block per month at	\$ 0.2159	\$ 0.7573	\$ 0.0957	\$ 1.0689	\$ 0.2159	\$ 0.0193	\$ 0.0957	\$ 0.3309
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 198.48			\$ 198.48	\$ 198.48			\$ 198.48
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.2788	\$ 0.7573	\$ 0.0957	\$ 1.1318	\$ 0.2059	\$ 0.0193	\$ 0.0957	\$ 0.3209
All therms over the first block per month at	\$ 0.1905	\$ 0.7573	\$ 0.0957	\$ 1.0435	\$ 0.1233	\$ 0.0193	\$ 0.0957	\$ 0.2383
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 877.45			\$ 877.45	\$ 877.45			\$ 877.45
All therms over the first block per month at	\$ 0.1949	\$ 0.7573	\$ 0.0957	\$ 1.0479	\$ 0.0988	\$ 0.0193	\$ 0.0957	\$ 0.2138
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 878.18			\$ 878.18	\$ 878.18			\$ 878.18
All therms over the first block per month at	\$ 0.0743	\$ 0.7573	\$ 0.0957	\$ 0.9273	\$ 0.0420	\$ 0.0193	\$ 0.0957	\$ 0.1570

DATED: November 15, 2023

EFFECTIVE: November 1, 2023

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



4 FIRM RATE SCHEDULES – MANAGED EXPANSION PROGRAM - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective November 1, 2023 - April 30, 2024 Winter Period				Rates Effective May 1, 2024 - October 31, 2024 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	\$ 21.79			\$ 21.79	\$ 21.79			\$ 21.79
All therms	\$ 0.6533	\$ 0.7563	\$ 0.1180	\$ 1.5276	\$ 0.6533	\$ 0.0187	\$ 0.1180	\$ 0.7900
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 21.79			\$ 21.79	\$ 21.79			\$ 21.79
Therms in the first block per month at	\$ 0.8731	\$ 0.7563	\$ 0.1180	\$ 1.7474	\$ 0.8731	\$ 0.0187	\$ 0.1180	\$ 1.0098
Residential Heating - R-7								
Customer Charge per Month per Meter	\$ 11.99			\$ 11.99	\$ 21.79			\$ 21.79
Therms in the first block per month at	\$ 0.4802	\$ 0.4160	\$ 0.1180	\$ 1.0142	\$ 0.8731	\$ 0.0187	\$ 0.1180	\$ 1.0098
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 86.10			\$ 86.10	\$ 86.10			\$ 86.10
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.6977	\$ 0.7561	\$ 0.0957	\$ 1.5495	\$ 0.6977	\$ 0.0181	\$ 0.0957	\$ 0.8115
All therms over the first block per month at	\$ 0.4800	\$ 0.7561	\$ 0.0957	\$ 1.3318	\$ 0.4800	\$ 0.0181	\$ 0.0957	\$ 0.5938
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 258.25			\$ 258.25	\$ 258.25			\$ 258.25
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.6349	\$ 0.7561	\$ 0.0957	\$ 1.4867	\$ 0.6349	\$ 0.0181	\$ 0.0957	\$ 0.7487
All therms over the first block per month at	\$ 0.4337	\$ 0.7561	\$ 0.0957	\$ 1.2855	\$ 0.4337	\$ 0.0181	\$ 0.0957	\$ 0.5475
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 1,105.88			\$ 1,105.88	\$ 1,105.88			\$ 1,105.88
All therms over the first block per month at	\$ 0.3916	\$ 0.7561	\$ 0.0957	\$ 1.2434	\$ 0.1903	\$ 0.0181	\$ 0.0957	\$ 0.3041
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 86.18			\$ 86.18	\$ 86.18			\$ 86.18
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.4204	\$ 0.7573	\$ 0.0957	\$ 1.2734	\$ 0.4204	\$ 0.0193	\$ 0.0957	\$ 0.5354
All therms over the first block per month at	\$ 0.2807	\$ 0.7573	\$ 0.0957	\$ 1.1337	\$ 0.2807	\$ 0.0193	\$ 0.0957	\$ 0.3957
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 258.02			\$ 258.02	\$ 258.02			\$ 258.02
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.3624	\$ 0.7573	\$ 0.0957	\$ 1.2154	\$ 0.2677	\$ 0.0193	\$ 0.0957	\$ 0.3827
All therms over the first block per month at	\$ 0.2477	\$ 0.7573	\$ 0.0957	\$ 1.1007	\$ 0.1603	\$ 0.0193	\$ 0.0957	\$ 0.2753
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 1,140.69			\$ 1,140.69	\$ 1,140.69			\$ 1,140.69
All therms over the first block per month at	\$ 0.2534	\$ 0.7573	\$ 0.0957	\$ 1.1064	\$ 0.1284	\$ 0.0193	\$ 0.0957	\$ 0.2434
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 1,141.63			\$ 1,141.63	\$ 1,141.63			\$ 1,141.63
All therms over the first block per month at	\$ 0.0966	\$ 0.7573	\$ 0.0957	\$ 0.9496	\$ 0.0546	\$ 0.0193	\$ 0.0957	\$ 0.1696

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2023

Neil Proudman
TITLE: President

Authorized by NHPUC Order No. 26,808 dated April 28, 2023, in Docket No. DG 20-105, Order No. 26,898 dated October 31, 2023, in Docket No. 23-076 and Order No. 26,899 dated October 31, 2023, in Docket No. DG 23-06



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

Anticipated Cost of Gas
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2024 THROUGH OCTOBER 31, 2024
(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:		\$ 3,222,250	
Supply Costs:		5,741,685	
Storage Gas:			
Demand, Capacity:		\$ -	
Commodity Costs:		-	
Produced Gas:		\$ 114,493	
Hedged Contract (Savings)/Loss		<u>\$ (2,938,092)</u>	
Unadjusted Anticipated Cost of Gas			\$ 6,140,336
Adjustments:			
Prior Period (Over)/Under Recovery (as of 9/1/2023 estimated COG)		\$ (4,190,137)	
Interest		(240,092)	
Prior Period Adjustments		-	
Broker Revenues		-	
Refunds from Suppliers		-	
Fuel Financing		-	
Transportation CGA Revenues		-	
Interruptible Sales Margin		-	
Capacity Release Margin		(2,027,770)	
Hedging Costs		-	
Fixed Price Option Administrative Costs		-	
Total Adjustments			<u>(6,457,999)</u>
Total Anticipated Direct Cost of Gas			\$ (317,663)
Anticipated Indirect Cost of Gas			
Working Capital:			
Total Unadjusted Anticipated Cost of Gas (05/01/24 - 10/31/24)		\$ 6,140,336	
Working Capital Rate - Lead Lag Days / 365		0.0705	
Prime Rate		8.50%	
Working Capital Percentage		0.599%	
Working Capital		\$ 36,778	
Plus: Working Capital Reconciliation (Acct 1163-1424)		<u>39,326</u>	
Total Working Capital Allowance			\$ 76,104
Bad Debt:			
Total Unadjusted Anticipated Cost of Gas (05/01/24 - 10/31/24)		\$ 6,140,336	
Less: Refunds		-	
Plus: Total Working Capital		76,104	
Plus: Prior Period (Over)/Under Recovery		<u>(4,190,137)</u>	
Subtotal		\$ 2,026,303	
Bad Debt Percentage		0.23%	
Bad Debt Allowance		\$ 4,699	
Plus: Bad Debt Reconciliation (Acct 1163-1754)		<u>698,114</u>	
Total Bad Debt Allowance			702,813
Production and Storage Capacity			-
Miscellaneous Overhead (05/01/24 - 10/31/24)		\$ -	
Times Summer Sales		24,743	
Divided by Total Sales		<u>119,311</u>	
Miscellaneous Overhead			-
Total Anticipated Indirect Cost of Gas			\$ 778,917
Total Cost of Gas			\$ 461,254

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2023

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, 2024 THROUGH OCTOBER 31, 2024
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ (317,663)	
Projected Prorated Sales (05/01/24 - 10/31/24)	24,742,661	
Direct Cost of Gas Rate		\$ (0.0128) per therm
Demand Cost of Gas Rate	\$ 3,222,250	\$ 0.1302 per therm
Commodity Cost of Gas Rate	2,918,086	\$ 0.1179 per therm
Adjustment Cost of Gas Rate	(6,457,999)	\$ (0.2610) per therm
Total Direct Cost of Gas Rate	\$ (317,663)	\$ (0.0128) per therm
Total Anticipated Indirect Cost of Gas	\$ 778,917	
Projected Prorated Sales (05/01/24 - 10/31/24)	24,742,661	
Indirect Cost of Gas		\$ 0.0315 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/24		\$ 0.0187 per therm

RESIDENTIAL COST OF GAS RATE - 05/01/2024	COGsr	\$ 0.0187 /therm
	Maximum (COG + 25%)	\$ 0.0234

C&I HIGH WINTER USE COST OF GAS RATE - 05/01/2024	COGsh	\$ 0.0181 /therm
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Average Demand Cost of Gas Rate Effective 05/01/24	\$ 0.1302		
Times: High Winter Use Ratio (Summer)	0.9987	Maximum (COG + 25%)	\$ 0.0226
Times: Correction Factor	0.9976		
Adjusted Demand Cost of Gas Rate	\$ 0.1297		
Commodity Cost of Gas Rate	\$ 0.1179		
Adjustment Cost of Gas Rate	(0.2610)		
Indirect Cost of Gas Rate	0.0315		
Adjusted Combind High Winter Use Cost of Gas Rate	\$ 0.0181		

C&I LOW WINTER USE COST OF GAS RATE - 05/01/2024	COGsl	\$ 0.0193 /therm
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Average Demand Cost of Gas Rate Effective 05/01/24	\$ 0.1302		
Times: Low Winter Use Ratio (Summer)	1.0080	Maximum (COG + 25%)	\$ 0.0241
Times: Correction Factor	0.9976		
Adjusted Demand Cost of Gas Rate	\$ 0.1309		
Commodity Cost of Gas Rate	\$ 0.1179		
Adjustment Cost of Gas Rate	(0.2610)		
Indirect Cost of Gas Rate	0.0315		
Adjusted Combind Low Winter Use Cost of Gas Rate	\$ 0.0193		

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2023

TITLE: President



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

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024
(Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 67,828,453	
Projected Prorated Sales (11/01/23 - 04/30/24)	94,568,321	
Direct Cost of Gas Rate		\$ 0.7172 per therm
Demand Cost of Gas Rate	\$ 12,479,786	\$ 0.1320 per therm
Commodity Cost of Gas Rate	59,033,914	\$ 0.6242 per therm
Adjustment Cost of Gas Rate	866,488	\$ 0.0070 per therm
Hedge Underground Storage Contract (Savings/Loss)	\$ (4,351,724)	\$ (0.0642) per therm
Total Direct Cost of Gas Rate	\$ 67,828,453	\$ 0.7172 per therm
Total Anticipated Indirect Cost of Gas	\$ 3,700,945	
Projected Prorated Sales (11/01/23 - 04/30/24)	94,568,321	
Indirect Cost of Gas		\$ 0.0391 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/23)		\$ 0.7563
<u>Calculation of FPO Excluding Low Income - Rate Code R-3</u>		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/23)		\$ 0.7563
FPO Risk Premium		\$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/23)		\$ 0.7763¹
RESIDENTIAL FPO COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/23	COGwr	\$ 0.7763 /therm
<u>Calculation of FPO for Gas Assistance Program - Rate Code R-4</u>		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/23) FPO (Line 13 * 0.55)		\$ 0.4160
FPO Risk Premium (Line 14 * 0.55)		\$ 0.0110
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/23) (Line 15 * 0.55)		\$ 0.4270
RESIDENTIAL FPO COST OF GAS RATE - LOW INCOME - (R-4) 11/01/23	COGwr	\$ 0.4270 /therm

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2023

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, 2023 THROUGH APRIL 30, 2024
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 67,828,453	
Projected Prorated Sales (11/01/2023 - 04/30/2024)	94,568,321	
Direct Cost of Gas Rate		\$ 0.7172 per therm
Demand Cost of Gas Rate	\$ 12,479,766	\$ 0.1320 per therm
Commodity Cost of Gas Rate	59,033,914	\$ 0.6242 per therm
Adjustment Cost of Gas Rate	666,498	\$ 0.0070
Hedge Contract (Savings)	(4,351,724)	\$ (0.0460) per therm
Total Direct Cost of Gas Rate	\$ 67,828,453	\$ 0.7172 per therm
Total Anticipated Indirect Cost of Gas	\$ 3,700,945	
Projected Prorated Sales (11/01/2023 - 04/30/2024)	94,568,321	
Indirect Cost of Gas		\$ 0.0391 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/23		\$ 0.7563 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/23		
	COGwr	\$ 0.7563 /therm
	Maximum (COG + 25%)	\$ 0.9454
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/23		
	COGwr	\$ 0.4160 /therm
	Maximum (COG + 25%)	\$ 0.5200
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/23		
	COGwh	\$ 0.7561 /therm
Average Demand Cost of Gas Rate Effective 11/01/23	\$ 0.1320	
Times: High Winter Use Ratio (Winter)	0.9987	Maximum (COG + 25%)
Times: Correction Factor	0.9997	\$ 0.9451
Adjusted Demand Cost of Gas Rate	\$ 0.1318	
Commodity Cost of Gas Rate	\$ 0.6242	
Adjustment Cost of Gas Rate	\$ 0.0070	
Indirect Cost of Gas Rate	\$ 0.0391	
Hedge Contract (Savings)	\$ (0.0460)	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.7561	
C&I LOW WINTER USE COST OF GAS RATE - 11/01/23		
	COGwl	\$ 0.7573 /therm
Average Demand Cost of Gas Rate Effective 11/01/23	\$ 0.1320	
Times: Low Winter Use Ratio (Winter)	1.0080	Maximum (COG + 25%)
Times: Correction Factor	0.9997	\$ 0.9466
Adjusted Demand Cost of Gas Rate	\$ 0.1330	
Commodity Cost of Gas Rate	\$ 0.6242	
Adjustment Cost of Gas Rate	\$ 0.0070	
Indirect Cost of Gas Rate	\$ 0.0391	
Hedge Contract (Savings)	\$ (0.0460)	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.7573	

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2023

TITLE: President



31 ANTICIPATED WINTER PERIOD COST OF GAS - EXCLUDING KEENE CUSTOMERS OR GAS LIGHTING

Anticipated Cost of Gas		
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024		
(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)		
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	\$ 11,478,067	
Supply Costs:	48,903,637	
Storage Gas:		
Demand Capacity:	\$ 1,001,699	
Commodity Costs:	4,860,737	
Produced Gas	7,289,540	
Hedged Contract (Saving)/Loss	(4,351,724)	
Hedge Underground Storage Contract (Saving)/Loss	-	
Unadjusted Anticipated Cost of Gas	\$	67,161,955
Adjustments		
Prior Period (Over)/Under Recovery (as of 05/01/23)	\$ 3,674,193	
Interest	452,781	
Fuel Inventory Revenue Requirement	861,872	
Broker Revenues	(1,340,480)	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	(120,926)	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(2,860,948)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	-	
Total Adjustments	-	666,498
Total Anticipated Direct Cost of Gas	\$	67,828,453
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 11/01/23 - 04/30/24	\$ 67,161,955	
Working Capital Rate: Lead Lag Days / 365	0.0705	
Prime Rate	8.50%	
Working Capital Percentage	0.599%	
Working Capital	\$ 402,273	
Plus: Working Capital Reconciliation (Acct 142.20)	(182,369)	
Total Working Capital Allowance		239,903
Bad Debt		
Total Unadjusted Anticipated Cost of Gas 11/01/23 - 04/30/24	\$ 67,161,955	
Less: Refunds	-	
Plus: Total Working Capital	239,903	
Plus: Prior Period (Over)/Under Recovery	3,674,198	
Subtotal	\$ 71,076,057	
Bad Debt Percentage	0.23%	
Bad Debt Allowance	\$ 164,831	
Plus: Bad Debt Reconciliation (Acct 175.52)	(389,243)	
Total Bad Debt Allowance	\$	(224,417)
Production and Storage Capacity	\$	3,685,458
Miscellaneous Overhead 11/01/2023- 04/30/24	\$ -	
Times Winter Sales	94,568	
Divided by Total Sales	119,311	
Miscellaneous Overhead	-	
Total Anticipated Indirect Cost of Gas	\$	3,700,945
Total Cost of Gas	\$	71,529,398

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2023

TITLE: President



33 CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE

II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate

PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024

(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	\$ 1,253,503		
LNG	<u>6,016,038</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	7,269,540		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES		<u>8.7%</u>	
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 632,450</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	94,568,321	68.6%	
FIRM TRANSPORTATION SUBJECT TO FTG	<u>43,224,605</u>	<u>31.4%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	137,792,926	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.4%	x	\$ 632,450 = \$ 198,395
PRIOR (OVER) OR UNDER COLLECTION			<u>(120,566)</u>
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 77,829
PROJECTED FIRM TRANSPORTATION THROUGHPUT			43,224,605
FIRM TRANSPORTATION COST OF GAS			\$ 0.0018

DATED: November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2023

Neil Proudman
TITLE: President



2 ATTACHMENT B
Schedule of Administrative Fees and Charges

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$	0.14	per MMBtu of Daily Imbalance Volumes")
II. Capacity Mitigation Fee			15% of the Proceeds from the Marketing of Capacity for Mitigation.
III. Peaking Demand Charge	\$	43.95	MMBTU of Peak MDQ
IV. Company Allowance Calculation (per Schedule 25)			
		160,052,009	Total Sendout - Therms Jul-2022 - Jun-2023
		<u>153,641,897</u>	Total Throughput - Therms Jul-2022 - Jun-2023
		6,410,112	Variance (Sendout - Throughput)
Company Allowance Percentage 2023-24		4.0%	Variance / Total Sendout

DATED: November 15, 2023

EFFECTIVE: November 1, 2023

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	70.6%	17.2%	12.2%	100.0%
G-51	Low Annual /Low Winter Use	79.6%	12.0%	8.5%	100.0%
G-42	Medium Annual / High Winter	70.6%	17.2%	12.2%	100.0%
G-52	High Annual / Low Winter Use	79.6%	12.0%	8.5%	100.0%
G-43	High Annual / High Winter	70.6%	17.2%	12.2%	100.0%
G-53	High Annual / Load Factor < 90%	79.6%	12.0%	8.5%	100.0%
G-54	High Annual / Load Factor < 90%	79.6%	12.0%	8.5%	100.0%

DATED: November 20, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2023

TITLE: President



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