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TOC iv	Original
1	Fourth Revised
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3	Fourth Revised
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88	Third Revised
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NHPUC NO. 11 GAS LIBERTY UTILITIES Check Sheet

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DATED: November 14, 2021

EFFECTIVE:November 1, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	Rates effective November 1, 2021 - April 30, 2022 Winter Period					Rates Effective May 1, 2022 - October 31, 2022 Summer Period										
		Delivery Charge		Cost of Gas Rate Page 95		LDAC Page 101		Total Rate)elivery Charge	0	Cost of Gas Rate Page 92		LDAC age 101		Total Rate
Residential Non Heating - R-1 Customer Charge per Month per Meter All therms	\$ \$	15.39 0.3844	\$	1. 1339	\$	0. 1397	\$ \$	15.39 1.66	\$ \$	15.39 0.3844	\$	0.5587	\$	0.1397	\$ \$	15.39 1.0828
Residential Heating - R-3 Customer Charge per Month per Meter All therms	\$	15.39					\$	15.39	\$	15.39					\$	15.39
Therms in the first block per month at	\$	0.5632	\$	1.1339	\$	0. 1397	\$	1.8368	\$	0.5632	\$	0.5587	\$	0.1397	\$	1.2616
<u>Residential Heating - R-4</u> Customer Charge per Month per Meter All therms	\$	8.47					\$	8.47	\$	15.39					\$	15.39
Therms in the first block per month at	\$	0.3098	\$	0.6236	\$	0. 1397	\$	1.0731	\$	0.5632	\$	0.5587	\$	0.1397	\$	1.2616
<u>Commercial/Industrial - G-41</u> Customer Charge per Month per Meter Size of the first block	\$	57.06 100 therms					\$	57.06	\$	57.06 20 therms					\$	57.06
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.4688 0.3149		1. 1341 1. 1341		0.0831 0.0831		1.6860 1.5321	\$ \$	0.4688 0.3149		0.5593 0.5593		0.0831 0.0831		1.1112 0.9573
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block	\$	171.19 1000 therms					\$	171.19	\$	171.19 400 therms					\$	171.19
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.4261 0.2839	\$	1. 1341 1. 1341	-	0.0831 0.0831		1.6433 1.5011	\$ \$	0.4261 0.2839		0.5593 0.5593		0.0831 0.0831		1.0685 0.9263
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	734.69 0.2620	\$	1. 1341	\$	0.0831	\$ \$	734.69 1.4792	\$ \$	734.69 0.1198	\$	0.5593	\$	0.0831	\$ \$	734.69 0.7622
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block	\$	57.06 100 therms					\$	57.06	\$	57.06 100 therms					\$	57.06
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.2819 0.1833	\$	1. 1324 1. 1324		0.0831 0.0831		1.4974 1.3988	\$ \$	0.2819 0.1833		0.5580 0.5580		0.0831 0.0831		0.9230 0.8244
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block	\$	171.19 1000 therms					\$	171.19	\$ 1	171.19 000 therms					\$	171.19
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.2428 0.1617		1. 1324 1. 1324		0.0831 0.0831		1.4583 1.3772	\$ \$	0.1759 0.1000		0.5580 0.5580		0.0831 0.0831		0.8170 0.7411
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$	756. 10 0. 1697	\$	1. 1324	\$	0.0831	\$ \$	756.10 1.3852	\$ \$	756.10 0.0814	\$	0.5580	\$	0.0831	\$ \$	756.10 0.7225
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	756. 10 0. 0648	\$	1. 1324	\$	0.0831	\$ \$	756. 10 1. 2803	\$ \$	756.10 0.0352	\$	0.5580	\$	0.0831	\$ \$	756.10 0.6763

DATED: November 14, 2021

EFFECTIVE: November 1, 2021

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

KEENE CUSTU		Rates effective November 1, 2021 - April 30, 2022 Winter Period					Rates Effective May 1, 2022 - October 31, 2022 Summer Period								
				Period		_			Period						
		Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 95</u>	LDAC Page 101	Total <u>Rate</u>		Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 92</u>	LDAC Page 101		Total <u>Rate</u>				
Residential Non Heating - R-5															
Customer Charge per Month per Meter All therms	\$ \$	20.01 0.4997	\$ 1.1339	\$ 0.1397	\$ 20.01 \$1.7733	\$ \$	20.01 0.4997	\$ 0.5587	\$ 0.1397	\$ \$	20.01 1.1981				
Residential Heating - R-6															
Customer Charge per Month per Meter All thems	\$ \$	20.01 0.7322	\$ 1.1339	\$ 0.1397	\$ 20.01 \$2.0058	\$ \$	20.01 0.7322	\$ 0.5587	\$ 0.1397	\$ \$	20.01 1.4306				
Residential Heating - R-7															
Customer Charge per Month per Meter All therms	\$ \$	11.01 0.4027	\$ 0.6236	\$ 0.1397	\$ 11.01 \$1.1660	\$ \$	11.01 0.4027	\$ 0.5587	\$ 0.1397	\$ \$	11.01 1.1011				
Commercial/Industrial - G-44															
Customer Charge per Month per Meter Size of the first block	\$	74.18 100 therms			\$ 74.18	\$	74.1800			\$	74.1800				
Thems in the first block per month at All thems over the first block per month at	\$ \$	0.6094 0.4094		\$ 0.0831 \$ 0.0831	\$1.8266 \$1.6266	\$ \$	0.6094 0.4094	\$ 0.5593 \$ -	\$ 0.0831 \$ 0.0408	\$	1.2518				
Commercial/Industrial - G-45															
Customer Charge per Month per Meter Size of the first block	\$	222.55 1000 therms			\$222.55	\$	222.55 100 therms	i		\$	222.55				
Thems in the first block per month at All thems over the first block per month at	\$ \$			\$ 0.0831 \$ 0.0831		\$ \$		\$ 0.5593 \$ 0.5593			1.1963 1.0115				
Commercial/Industrial - G-46	•		••	• • • • • • • • • • • • • • • • • • • •	• · · · · · · · ·			• • • • • • • • • • • • • • • • • • • •		•					
Customer Charge per Month per Meter All thems over the first block per month at	\$ \$	955.10	¢ 1 10/1	\$ 0.0831	\$955.10 \$1.5578	\$ \$	955.10	\$ 0.5593	\$ 0.0831	\$	955.10 0.7981				
	9	0.5406	J 1.1J41	\$ 0.0051	\$1.5576	9	0.1557	J 0.0090	\$ 0.0001	9	0.7901				
Commercial/Industrial - G-55 Customer Charge per Month per Meter	\$	74.18			\$ 74.18	\$	74.18			\$	74.18				
Size of the first block Thems in the first block per month at	\$		\$ 1.1324	\$ 0.0831		\$		\$ 0.5580		-	1.0076				
All thems 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 Therms in the first block per month at	\$	1000 therms 0.3157		\$ 0.0831	\$1.5312	10 \$	00 therms 0.2287	\$ 0.5580	\$ 0.0831	\$	0.8698				
All thems over the first block per month at	\$			\$ 0.0831		\$		\$ 0.5580			0.7711				
Commercial/Industrial - G-57 Customer Charge per Month per Meter	\$	982.93			\$982.93	\$	982.93			\$	982.93				
All thems over the first block per month at	\$		\$ 1.1324	\$ 0.0831		\$	0.1059	\$ 0.5580	\$ 0.0831	-	0.7470				
Commercial/Industrial - G-58	\$	982.93			\$982.93	\$	970.84			\$	970.84				
Customer Charge per Month per Meter All thems over the first block per month at	5 \$		\$ 1.1324	\$ 0.0831		5 \$		\$ 0.5580	\$ 0.0831		0.6868				

DATED: November 14, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

EFFECTIVE: November 1, 2021

26 ANTCIPATED 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 (REF RT TO TEXT IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)	(Col 2) (Col 3)	
ANTICIPATED DIRECT COST OF 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	s -	
neugen connact (sarnigs/2005	<u> </u>	
Unadjusted Anticipated Cost of Gas	\$ 10,330,82	1
Adjustments:	a 1 (70 100	
Prior Period (Over)/Under Recovery (as of April 30, 2019) Interest	\$ 4,472,186 222,837	
Prior Period A djustments	-	
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	4,695,02	3
Total Anticipated Direct Cost of Gas	\$ 15,025,84	4
Anticipated Indirect Cost of Gas		
Working Capital:		
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19)	\$10,330,821	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate	0.0023 3.25%	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital Percentage	0.0023 3.25% 0.007%	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital	0.0023 3.25% 0.007% \$ 769	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acct 1163-1424)	0.0023 3.25% 0.007% \$ 769 4.555	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital	0.0023 3.25% 0.007% \$ 769	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,32	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance	0.0023 3.25% 0.007% \$ 769 4.555	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Total Working Capital	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,324	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Prior Veriod (Over)/Under Recovery	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,32 \$10,330,821 5.324 4,472,186	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Total Working Capital	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,324	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Days / 365 Prime Rate Working Capital P ercentage Working Capital P ercentage Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal Bad Debt Percentage	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,32 \$10,330,821 5.324 4,472,186 \$14,808,331 <u>0.70%</u>	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5.32 \$10,330,821 5.324 4.472,186 \$14,808,331	4
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Total Working Capital Plus: Total Working Capital Plus: Total Working Capital Bad Debt Bad Debt Allowance Bad Debt Allowance	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5.32 \$10,330,821 5.324 4.472,186 \$14,808,331 <u>0.70%</u> \$ 103,658	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotal Bad Debt Percentage Bad Debt Allowance	0.0023 3.25% 0.007% \$ 769 <u>4,555</u> \$ 5,32 \$10,330,821 5,324 4,472,186 \$14,808,331 <u>0.70%</u> \$ 103,658 <u>23,159</u>	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Total Working Capital Plus: Total Working Capital Plus: Total Working Capital Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Suttotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Production and Storage Capacity	0.0023 3.25% 0.007% \$ 769 <u>4,555</u> \$ 5,32 \$10,330,821 5,324 4,472,186 \$14,808,331 <u>0.70%</u> \$ 103,658 <u>23,159</u>	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Allowance	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,324 5.10,330,821 <u>5,324</u> 4.472,186 \$14,808,331 <u>0.70%</u> \$ 103,658 <u>23,159</u> 126,817 - \$ - 23,366	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital P ercentage Working Capital P ercentage Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19) Times Summer Sales Divided by Total Sales	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5.32 \$10,330,821 5.324 4.472,186 \$14,808,331 <u>0.70%</u> \$ 103,658 <u>23,159</u> 126,817	
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 1163-1424) Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Total Uvarking Capital Working Capital Allowance Bad Debt Total Uvarking Capital Plus: Total Working Capital Plus: Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19) Times Summer Sales Divide dby Total Sales Miscellaneous Overhead	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,32 \$10,330,821 5.324 4,472,186 \$14,808,331 <u>0.70%</u> \$ 103,658 <u>23,159</u> 126,817 \$	7
Working Capital: Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Working Capital Rate - Lead Lag Day s / 365 Prime Rate Working Capital P ercentage Working Capital P ercentage Plus: Working Capital Reconciliation (Acct 1163-1424) Total Working Capital Allowance Bad Debt Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19) Times Summer Sales Divided by Total Sales	0.0023 3.25% 0.007% \$ 769 <u>4.555</u> \$ 5,324 5.10,330,821 <u>5,324</u> 4.472,186 \$14,808,331 <u>0.70%</u> \$ 103,658 <u>23,159</u> 126,817 - \$ - 23,366	7

DATED: November 14, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

EFFECTIVE: November 1, 2021

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 Projected Prorated Sales (05/01/22 - 10/31/22) Direct Cost of Gas Rate	\$	15,025,844 27,125,444	\$	0.5539	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate	\$	3, 276, 842 7, 053, 979 4, 695, 023 15, 025, 844	\$ \$	0.2601 0.1731	per therm per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/22 - 10/31/22) Indirect Cost of Gas	\$	131,366 27,125,444	\$	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	COG	isr	\$	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 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1208 0.9910 1.0027 \$ 0.1200	Maximum (COG + 25%)	\$ 0.6975	
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.2601 0.1731 0.0048 \$ 0.5580			

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

DATED: November 14, 2021

EFFECTIVE: November 1, 2021

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

DATED: November 14, 2021

EFFECTIVE: November 1, 2021

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 Projected Prorated Sales (11/01/2021 - 04/30/22) Direct Cost of Gas Rate			\$	94,810,891 87,443,741	\$	1.0843	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate			\$ \$	13,868,897 80,780,853 161,141 94,810,891	\$ \$	0.9238 0.0018	per therm per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/21 - 04/30/22) Indirect Cost of Gas			\$	4,338,002 87,443,741	\$	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 - 11/01/2	1		COG	wr	\$	1.1339	/therm
			Maximum (COG	+ 25%)	\$	1.4174	
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/2	21		COG	wr	\$	0.6236	/therm
			Maximum (COG	+ 25%)	\$	0.7796	
C&I LOW WINTER USE COST OF GAS RATE - 11/01/21			COG	wl	\$	1.1324	/therm
Average Demand Cost of Gas Rate Effective 11/01/21 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.1586 0.9910 1.0001 0.1572 0.9238 0.0018 0.0496 1.1324	Maximum (COG	+ 25%)	\$	1.4155	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/21			COG	wh	\$	1.1341	/therm
Average Demand Cost of Gas Rate Effective 11/01/21 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	s	0.1586 1.0017 1.0001	Maximum (COG	+ 25%)	\$	1.4176	

DATED: November 14, 2021

Adjustment Cost of Gas Rate

Adjusted C&I High Winter Use Cost of Gas Rate

Indirect Cost of Gas Rate

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

EFFECTIVE:November 1, 2021

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

\$ 0.0018

0.0496

1.1341

\$

31. ANTICIPATED COST OF GAS - EXCLUDING KEENE CUSTOMERS

Anticipated Cost of Gas PERIOD COVERED: WINT ER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022

(REFER TO TEXT	ON IN SECTION 17 COST	OF GASCLAUSE)
----------------	-----------------------	---------------

(REPERTO TEXT OF	A IN SECTION	IT COST OF GASCEA	034			
(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:	~	004.000				
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		-				
Fix ed 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	s	94,649,751				
Working Capital Rate: Lead Lag Days / 365	Ŷ	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				
Pad Pabt Paraartaga		0.700/				
Bad Debt Percentage Bad Debt Allowance	s	<u>0.70%</u> 673,983				
Plus: Bad Debt Reconciliation (Acct 175.52)	φ	(223, 340)				
Total Bad Debt Allowance		(223, 340)	s	450,643		
Total Dau Debt Allowance			ð	400,043		
Production and Storage Capacity			\$	3,685,458		
Miscellaneous Overhead 11/01/20 - 04/30/21	s	-				
Times Winter Sales	÷	91,677				
Divided by Total Sales		115,043				
Miscellaneous Overhead		110,040		-		
			e	4 000 000		
Total Anticipated Indirect Cost of Gas			\$	4,338,002		
Total Cost of Gas			\$	99, 148, 894		
			*	00, 110,004	-	

DATED: November 14, 2021

EFFECTIVE: November 1, 2021

33. CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE Calculation of Firm Transportation Cost of Gas Rate PERIOD COVERED: WINTER PERIOD, NOV EMBER 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	1,378,925			
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	2,299,384 <u>8.7%</u> \$ 200,046			
PROJECTED FIRM THROUGHPUT (THERMIS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	91,676,680 42,583,790 134,260,470	68.3% <u>31.7%</u> 100.0%		
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x \$200,046	= \$	63,449
PRIOR (OVER) OR UNDER COLLECTION			_	(56,511)
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$	6,938
PROJECTED FIRM TRANSPORTATION THROUGHPUT			4	2,583,790
FIRM TRANSPORTATION COST OF GAS			\$	0.0002

DATED: November 14, 2021

EFFECTIVE: November 1, 2021

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 Surcharge per therm	182,829,872 therms <u>\$0.0155</u> per therm
Total Environmental Surcharge	\$0.0155

DATED: November 14, 2021

EFFECTIVE: November 1, 2021

NHPUC NO. 11 GAS LIBERTY UTILITIES

	35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION	
1	Rate Case Exepense	
2	Prior Period Balance	(\$11,949)
3	Expenses thru June 30, 2021	\$785,177
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	Recoupment	
9	Distribution Recoupment from Docket No. DG 20-105	(\$568,780)
10	Indirect Costs Recoupment from Docket No. DG 20-105	\$1,900,000
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	\$40,000
		\$10,899
18		\$10,899
	Minus Estimated Recoveries from July 2021 through October 2021	\$10,899
18		
18 19		
18 19 20	Minus Estimated Recoveries from July 2021 through October 2021	(\$7,864)
18 19 20 21	Minus Estimated Recoveries from July 2021 through October 2021	(\$7,864)
18 19 20 21 22	Minus Estimated Recoveries from July 2021 through October 2021 Total Estimated Remaining Recovery As of November 1, 2021	(\$7,864) \$1,334,255
18 19 20 21 22 23	Minus Estimated Recoveries from July 2021 through October 2021 Total Estimated Remaining Recovery As of November 1, 2021	(\$7,864) \$1,334,255
18 19 20 21 22 23 24	Minus Estimated Recoveries from July 2021 through October 2021 Total Estimated Remaining Recovery As of November 1, 2021 Estimated November 2021 - October 2022 Interest	(\$7,864) \$1,334,255 <u>\$16,852</u>
18 19 20 21 22 23 24 25	Minus Estimated Recoveries from July 2021 through October 2021 Total Estimated Remaining Recovery As of November 1, 2021 Estimated November 2021 - October 2022 Interest	(\$7,864) \$1,334,255 <u>\$16,852</u>
18 19 20 21 22 23 24 25 26	Minus Estimated Recoveries from July 2021 through October 2021 Total Estimated Remaining Recovery As of November 1, 2021 Estimated November 2021 - October 2022 Interest Total Remaining Recovery	(\$7,864) \$1,334,255 <u>\$16,852</u> \$1,351,107
18 19 20 21 22 23 24 25 26 27	Minus Estimated Recoveries from July 2021 through October 2021 Total Estimated Remaining Recovery As of November 1, 2021 Estimated November 2021 - October 2022 Interest Total Remaining Recovery	(\$7,864) \$1,334,255 <u>\$16,852</u> \$1,351,107

DATED: November 14, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

EFFECTIVE: November 1, 2021

36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Charge Calculation

Residential Non Heating Rates - R-1, R-5			Sales <u>Customers</u>	٦	Transportation <u>Customers</u>	
Energy Efficiency Charge	\$	0.0861	ousiomens		ousiomens	
Demand Side Management Charge Conservation Charge (CCx)		0.0000	\$ 0.08	81		
Relief Holder and pond at Gas Street, Concord, NH		0.0000	φ 0.00	01		
Manufactured Gas Plants		0.0155	- 0.01			
Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)			0.01 0.01			
Energy Efficiency Resource Standard Lost Revenue Mechanism			0.00			
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)			0.00 0.01			
LDAC		-	\$ 0.13			per therm
Residential Heating Rates - R-3, R-4, R-6, R-7						
Energy Efficiency Charge	\$	0.0861				
Demand Side Management Charge		0.0000		~ 4		
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH		0.0000	\$ 0.08	01		
Manufactured Gas Plants		0.0155	_			
Environmental Surcharge (ES)			0.01			
Revenue Decoupling Adjustment Factor (RDAF) Energy Efficiency Resource Standard Lost Revenue Mechanism			0.01 0.00			
Rate Case Expense Factor (RCEF)			0.00			
Gas Assistance Program (GAP)			0.01			
LDAC			\$ 0.13	97		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)		0.0000	\$ 0.04	08 \$	6 0.0408	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		0.0000 0.0155				
Environmental Surcharge (ES)		0.0100	0.01	55	0.0155	
Revenue Decoupling Adjustment Factor (RDAF)			0.00		0.0039	
Energy Efficiency Resource Standard Lost Revenue Mechanism Rate Case Expense Factor (RCEF)			0.00 0.00		0.0000 0.0074	
Gas Assistance Program (GAP)			0.00		0.0156	
LDAC		•	\$ 0.08	31 \$	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)			\$0.04	80	\$0.0408	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		0.0000 0.0155				
Environmental Surcharge (ES)		0.0100	- 0.01	55	0.0155	
Revenue Decoupling Adjustment Factor (RDAF)			0.00		0.0039	
Energy Efficiency Resource Standard Lost Revenue Mechanism Rate Case Expense Factor (RCEF)			0.00		0.0000 0.0074	
Gas Assistance Program (GAP)			0.00		0.0156	
LDAC		-	\$ 0.08	31 \$	6 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	φ	0.0408				
Conservation Charge (CCx)			\$0.04	08	\$0.0408	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		0.0000 0.0155				
Environmental Surcharge (ES)		0.0100	. 0.01	55	0.0155	
Revenue Decoupling Adjustment Factor (RDAF)			0.00	39	0.0039	
Energy Efficiency Resource Standard Lost Revenue Mechanism			0.00		0.0000	
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)			0.00 0.01		0.0074 0.0156	
LDAC		-		31 \$		per therm

DATED:	November 14, 2021	ISSUED BY:	/s/Neil Proudman
			Neil Proudman
EFFECTIV	VE:November 1, 2021	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 Proc	eeds from the Marketing of
III.	Peaking Dem and Charge	\$	54.72	MMBTU of Peak MDQ
IV.	Company Allowance Calculation (per Schedule 25)	163,	831,092 028,288	Total Sendout - Thems Jul -2020 - Jun-2021 Total Throughput - Thems Jul-2020 - Jun-2021 Variance (Sendout - Throughput)
	Company Allowance Percentage 2020-21		1.2%	Variance / Total Sendout

DATED: November 14, 2021

EFFECTIVE:November 1, 2021

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

EFFECTIVE:November 1, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

Page	Revision
Title	Original
TOC i	Original
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TOC iii	Original
TOC iv	Original
1	Third Fourth Revised
2	Original
3	Third Fourth Revised
4	Third Fourth Revised
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EFFECTIVE: November 1, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

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

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87	Original First Revised
88	Third Revised
89	Original First Revised

EFFECTIVE: November 1, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

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EFFECTIVE: November 1, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

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DATED: August November 1314, 2021

EFFECTIVE: August November 1, 2021

1

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Rates effective	2022	Rates Effective August 1, 2021 - October 31, 2021 Summer Period						
	Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 96</u>	LDAC Page 102	Total <u>Rate</u>	Delivery <u>Charge</u>		LDAC Page 102	Total <u>Rate</u>	
Residential Non Heating - R-1 Customer Charge per Month per Meter All Therms	\$ 15.39 \$ 0.3844	\$ 0.6050	\$ 0.0589	\$ 15.39 \$ 1.0483		.39 344 \$ 0.393	5 \$ 0.0589	\$ 15.39 \$ 0.8368	
Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block	\$ 15.39 All Therms	6 0.0050	• • • • • • • •	\$ 15.39	All Therms			\$ 15.39	
All Therms	\$ 0.5632	\$ 0.6050	\$ 0.0589	\$ 1.2271	\$ 0.56	32 \$ 0.393	5 \$ 0.0589	\$ 1.0156	
<u>Residential Heating - R-4</u> Customer Charge per Month per Meter Size of the first block	\$ 8.47 All Therms			\$ 8.47	All Therms			\$ 15.39	
All Therms	\$ 0.3098	\$ 0.3328	\$ 0.0589	\$ 0.7015	\$ 0.56	632 \$ 0.393	5 \$ 0.0589	\$ 1.0156	
<u>Commercial/Industrial - G-41</u> Customer Charge per Month per Meter Size of the first block	\$ 57.06 100 therms			\$ 57.06	20 the			\$ 57.06	
Therms in the first block per month at	\$ 0.4688	\$ 0.6031	\$ 0.0555	\$ 1.1274	\$ 0.46	688 \$ 0.388	6 \$ 0.0555	\$ 0.9129	
All therms over the first block per month at	\$ 0.3149	\$ 0.6031	\$ 0.0555	\$ 0.9735	\$ 0.3	149 \$ 0.388	6 \$ 0.0555	\$ 0.7590	
<u>Commercial/Industrial - G-42</u> Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 171.19 1000 therms \$ 0.4261	\$ 0.6031	\$ 0.0555	\$ 171.19 \$ 1.0847	\$ 171 400 the \$ 0.42		6 \$ 0.0555	\$ 171.19 \$ 0.8702	
All therms over the first block per month at	\$ 0.2839	\$ 0.6031	\$ 0.0555	\$ 0.9425	\$ 0.28	339 \$ 0.388	6 \$ 0.0555	\$ 0.7280	
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$ 734.69 \$ 0.2620	\$ 0.6031	\$ 0.0555	\$ 734.69 \$ 0.9206	\$ 734 \$ 0.1 ⁻	.69 198 \$ 0.388	6 \$ 0.0555	\$ 734.69 \$ 0.5639	
<u>Commercial/Industrial - G-51</u> Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 57.06 100 therms \$ 0.2819	\$ 0.6139	\$ 0.0555	\$ 57.06 \$ 0.9513	100 the	.06 rms 319 \$ 0.399	9 \$ 0.0555	\$	
All therms over the first block per month at	\$ 0.1833	\$ 0.6139	\$ 0.0555	\$ 0.8527	\$ 0.18	333 \$ 0.399	9 \$ 0.0555	\$ 0.6387	
Commercial/Industrial - G-52 Customer Charge per Month per Meter	\$ 171.19	• 0.0100	• 0.0000	\$ 171.19	\$ 171		, ,	\$ 171.19	
Size of the first block Therms in the first block per month at	1000 therms \$ 0.2428	\$ 0.6139	\$ 0.0555	\$ 0.9122	1000 the \$ 0.17	rms 759 \$ 0.399	9 \$ 0.0555	\$ 0.6313	
All therms over the first block per month at	\$ 0.1617			•		00 \$ 0.399			
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$ 756.10 \$ 0.1697			\$ 756.10 \$ 0.8391	\$ 756			\$ 756.10	
Commercial/Industrial - G-54									
Customer Charge per Month per Meter All therms over the first block per month at	\$ 756.10 \$ 0.0648	\$ 0.6139	\$ 0.0555	\$ 756.10 \$ 0.7342	\$ 756 \$ 0.03	.10 352 \$ 0.399	9 \$ 0.0555	\$ 756.10 \$ 0.4906	

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. I	DG 21-130
DATED: August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
		Neil Proudman
EFFECTIVE: August 1, 2021	TITLE:	President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	_	Rates effective November 1, 2021 - A pril 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	0	Cost of Gas Rate Page 92	P	LDAC age 101		Total Rate
Residential Non Heating - R-1 Customer Charge per Month per Meter	\$	15.39					\$	15.39	\$	15.39					\$	15.39
All therms	ŝ	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 All therms	\$	15.39					\$	15.39	\$	15.39					\$	15.39
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 All therms	\$	8.47					\$	8.47	\$	15.39					\$	15.39
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 20 therms					\$	57.06
Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ \$	100 therms 0.4688 0.3149	\$	1. 1341 1. 1341		0.0831 0.0831		1.6860 1.5321	\$ \$	0.4688 0.3149		0.5593 0.5593		0.0831 0.0831		1.1112 0.9573
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block	\$	171.19 1000 therms					\$	171.19	\$	171.19 400 therms					\$	171.19
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.4261 0.2839	\$	1. 1341 1. 1341		0.0831 0.0831		1.6433 1.5011	\$ \$	0.4261 0.2839		0.5593 0.5593		0.0831 0.0831		1.0685 0.9263
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	734.69 0.2620	\$	1. 1341	\$	0.0831	\$ \$	734.69 1.4792	\$ \$	734.69 0.1198	\$	0.5593	\$	0.0831	\$ \$	734.69 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 Therms in the first block per month at All therms over the first block per month at	\$ \$	100 therms 0.2819 0.1833	\$	1. 1324 1. 1324		0.0831 0.0831		1.4974 1.3988	\$ \$	100 therms 0.2819 0.1833		0.5580 0.5580		0.0831 0.0831		0.9230 0.8244
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block	\$	171.19 1000 therms					\$	171.19	\$	171.19 000 therms					\$	171.19
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.2428 0.1617	\$	1. 1324 1. 1324		0.0831 0.0831		1.4583 1.3772	\$ \$	0.1759 0.1000		0.5580 0.5580		0.0831 0.0831		0.8170 0.7411
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	756. 10 0. 1697	\$	1. 1324	\$	0.0831	\$ \$	756.10 1.3852	\$ \$	756.10 0.0814	\$	0.5580	\$	0.0831	\$ \$	756.10 0.7225
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	756.10 0.0648	\$	1. 1324	\$	0.0831	\$ \$	756.10 1.2803	\$ \$	756.10 0.0352	\$	0.5580	\$	0.0831	\$ \$	756.10 0.6763

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, 2	2021, in Docket No. I	<u>DG 21-130</u>
DATED: August 13, 2021	ISSUED BY:	/s/Neil Proudman
		Neil Proudman
EFFECTIVE: August 1, 2021	TITLE:	President

					CHEDULES SCHEDULES						
	Rates ef		r 01, 2021 - April [·] Period	30, 2022	Rates Effective August 1, 2021 - October 31, 2021 Summer Period						
	Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 96</u>	LDAC Page 102	Total <u>Rate</u>	Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 93</u>	LDAC Page 102	Total <u>Rate</u>			
<u>Residential Non Heating - R-5</u> Customer Charge per Month per Meter All Therms	\$ 20.01 \$ 0.4997	\$ 0.6050	\$ 0.0589	\$ 20.01 \$ 1.1636	\$ 20.01 \$ 0.4997			\$ 20.01 \$ 0.9521			
Residential Heating - R-6 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 20.01 all therms \$ 0.7322	\$ 0.6050	\$ 0.0589	\$ 20.01 \$ 1.3961	\$ 20.01 all therms \$ 0.7322			\$			
Residential Heating - R-7 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 11.01 all therms \$ 0.4027	\$ 0.6050	\$ 0.0589	\$ 11.01 \$ 1.0666	\$ 20.01 all therms \$ 0.7322			\$ 20.01 \$ 1.1846			
<u>Commercial/Industrial - G-44</u> Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 74.18 100 therms \$ 0.6094	\$ 0.6031	\$ 0.0555	\$ 74.18 \$ 1.2680	\$ 74.18 20 therm \$ 0.6094	s		\$			
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			
Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 222.55 1000 therms \$ 0.5539	\$ 0.6031	\$ 0.0555	\$ 222.55 \$ 1.2125	\$ 222.55 400 therm \$ 0.5539	s		\$ 222.55 \$ 0.9980			
All therms over the first block per month at	\$ 0.3691	\$ 0.6031	\$ 0.0555	\$ 1.0277	\$ 0.3691	1\$ 0.3886	\$ 0.0555	\$ 0.8132			
<u>Commercial/Industrial - G-46</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ 955.10 \$ 0.3406	\$ 0.6031	\$ 0.0555	\$	\$ 955.10 \$ 0.1557			\$			
<u>Commercial/Industrial - G-55</u> Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$ 74.18 100 therms \$ 0.3665	\$ 0.6139	\$ 0.0555	\$ 74.18 \$ 1.0359	\$ 74.18 100 therm \$ 0.3665	s		\$			
All therms over the first block per month at	\$ 0.2383	\$ 0.6139	\$ 0.0555	\$ 0.9077	\$ 0.2383	3 \$ 0.3999	\$ 0.0555	\$ 0.6937			
Commercial/Industrial - G-56 Customer Charge per Month per Meter Size of the first block	\$ 222.55 1000 therms			\$ 222.55	\$ 222.55 1000 therm	-	:	\$ 222.55			
Therms in the first block per month at All therms over the first block per month at	\$ 0.3157 \$ 0.2102				\$ 0.2287 \$ 0.1300	7 \$ 0.3999					
Commercial/Industrial - G-57 Customer Charge per Month per Meter All therms over the first block per month at	\$ 982.93 \$ 0.2207	\$ 0.6139	\$ 0.0555	\$ 982.93 \$ 0.8901	\$ 982.93 \$ 0.1059			\$ 982.93 \$ 0.5613			
<u>Commercial/Industrial - G-58</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ 982.93 \$ 0.0842	\$ 0.6139	\$ 0.0555	\$	\$ 982.93 \$ 0.0457			\$			

DATED:	November 14, 2021	ISSUED BY:	/s/Neil Proudman
			Neil Proudman
EFFECTIV	E: November 1, 2021	TITLE:	President
	Authorized by NHPUC Order No. 26,541 dated October 29, 2021,	in Docket No. I	DG 21-130
DATED:			
DATED:	August 13, 2021	ISSUED BY:	/s/Neil Proudman
	August 13, 2021	ISSUED BY:	/s/Noil Proudman
	E. August 1 2021	- ISSUED BY: 	<u>/s/Neil Proudman</u>

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

KEENE CUSIC	Rates effective November 1, 2021 - April 30, 2022 Winter Period					Rates E	1, 2022 - Octol Period	October 31, 2022			
		Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 95</u>	LDAC Page 101	Total <u>Rate</u>		elivery Charge	Cost of Gas Rate <u>Page 92</u>	LDAC Page 101		Total <u>Rate</u>
Residential Non Heating - R-5 Customer Charge per Month per Meter	\$	20.01			\$ 20.01	\$	20.01			\$	20.01
All thems	\$		\$ 1.1339	\$ 0.1397		\$		\$ 0.5587	\$ 0.1397	-	1.1981
Residential Heating - R-6											
Customer Charge per Month per Meter All therms	\$ \$	20.01 0.7322	\$ 1.1339	\$ 0.1397	\$ 20.01 \$2.0058	\$ \$	20.01 0.7322	\$ 0.5587	\$ 0.1397	\$ \$	20.01 1.4306
Residential Heating - R-7											
Customer Charge per Month per Meter All therms	\$ \$	11.01 0.4027	\$ 0.6236	\$ 0.1397	\$ 11.01 \$1.1660	\$ \$	11.01 0.4027	\$ 0.5587	\$ 0.1397	\$ \$	11.01 1.1011
Commercial/Industrial - G-44											
Customer Charge per Month per Meter Size of the first block	\$	74.18 100 therms			\$ 74.18	\$	74.1800			\$	74.1800
Thems in the first block per month at	\$	0.6094		\$ 0.0831		\$	0.6094	\$ 0.5593	•	-	1.2518
All thems 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	Э	1000 therms			\$222.00	+	00 therms			Э	222.00
Thems in the first block per month at	\$	0.5539	\$ 1.1341	\$ 0.0831		\$		\$ 0.5593			1.1963
All thems 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		055.40			¢055.40	¢	055 40				055.40
Customer Charge per Month per Meter All thems over the first block per month at	\$ \$	955.10 0.3406	\$ 1 1341	\$ 0.0831	\$955.10 \$1.5578	\$ \$	955.10 0.1557	\$ 0.5593	\$ 0.0831	\$ \$	955.10 0.7981
	Ŷ	0.0400	\$ 1.10 4 1	\$ 0.0001	\$1.0070		0.1007	\$ 0.0030	÷ 0.0001	ý	0.7301
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					00 therms				
Thems in the first block per month at	\$			\$ 0.0831		\$ \$		\$ 0.5580			1.0076
All thems over the first block per month at	\$	0.2363	\$ 1.1324	\$ 0.0831	\$1.4036	3	0.2363	\$ 0.5580	\$ 0.0831	Э	0.8794
Commercial/Industrial - G-56	\$	222.55			\$222.55	\$	222.55			\$	222 55
Customer Charge per Month per Meter Size of the first block	Э	1000 therms			\$222.00	+	00 therms			Э	222.55
Thems in the first block per month at	\$		\$ 1.1324	\$ 0.0831	\$1.5312	\$		\$ 0.5580	\$ 0.0831	\$	0.8698
All thems 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	¢ 4 4004	¢ 0.0004	\$982.93	\$ \$	982.93	¢ 0.5500	¢ 0.0001	\$	982.93 0.7470
All thems over the first block per month at	\$	0.2207	ງ I. IJZ4	\$ 0.0831	91.400Z	3	0.1059	\$ 0.5580	\$ 0.0831	э	0.7470
Commercial/Industrial - G-58 Customer Charge per Month per Meter	\$	982.93			\$982.93	\$	970.84			\$	970.84
All thems over the first block per month at	\$		\$ 1.1324	\$ 0.0831		\$		\$ 0.5580	\$ 0.0831		0.6868

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. I	DG 21-130
DATED: August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
EFFECTIVE: August 1, 2021	TITLE:	<u>Neil Proudman</u> President

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	<u>\$ -</u>	
Unadjusted Anticipated Cost of Gas	\$	\$ 7,284,571
Adjustments:	A 105 000	
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	-	400.00.
Total Adjustments	-	102,394
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	
	\$ 7,284,571 0.0391	
Working Capital Rate - Lead Lag Days / 365 Prime Rate	3.25%	
Working Capital Percentage	0.127%	
Working Capital Percentage	\$ 9,258	
Plus: Working Capital Reconciliation (Acct 1163-1424)	(13,709)	
Total Working Capital Allowance		\$ (4,451)
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds	\$ 7,284,571	
Plus: Total Working Capital	- (4,451)	
Plus: Prior Period (Over)/Under Recovery	105,886	
Subtotal	\$ 7,386,006	
Subiola	\$ 1,380,00b	
Bad Debt Percentage	1 110/	
Bad Debt Allowance	<u>1.11%</u> \$ 81,985	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	(326,326)	
· ,	(320,320)	(244.244)
Total Bad Debt Allowance		(244,341)
Production and Storage Capacity		-
Miscellaneous Overhead (05/01/19 - 10/31/19)	\$ 13,170	
Times Summer Sales	\$ 13,170	
Divided by Total Sales		
	111,369	0.000
Miscellaneous Overhead	-	2,602
Total Anticipated Indirect Cost of Gas	\$	\$ (246,190)
Total Cost of Gas		<u>5 7,140,775</u>

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, i	in Docket No. I	DG 21-130

	Authorized by I	<u>NHPUC Order No. 26,541 dated October 29, 2021, in Docket No. 1</u>	<u>DG 21-130</u>
DATED:	August 13 2021	ISSUED BV:	/s/Neil Proudman
DAILD.	August 13, 2021	1550LD D1.	
			<u>Neil Proudman</u>
EFFECTIVE:	August 1, 2021	TITLE:	President

26 ANTCIPATED 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 (REF RT 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	<u>\$ -</u>	
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		4,695,023
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% 0.007%	
Working Capital Percentage Working Capital	\$ 769	
Working Capital	\$ 709	
Plus: Working Capital Reconciliation (Acct 1163-1424)	4,555	
Total Working Capital Allowance		\$ 5,324
Bad Debt	6 40 220 024	
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19) Less: Refunds	\$10,330,821	
Plus: Total Working Capital	5,324	
Plus: Prior Period (Over)/Under Recovery	4,472,186	
Subtotal	\$14,808,331	
Subtotal Bad Debt Percentage	0.70%	
Subtotal Bad Debt Percentage Bad Debt Allowance	<u>0.70%</u> \$ 103,658	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754)	0.70%	
Subtotal Bad Debt Percentage Bad Debt Allowance	<u>0.70%</u> \$ 103,658	126,817
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance	<u>0.70%</u> \$ 103,658	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance	<u>0.70%</u> \$ 103,658	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19) Times Summer Sales	0.70% \$ 103,658 23,159 \$ - 23,366	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19)	0.70% \$ 103,658 23,159 \$ -	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19) Times Summer Sales Divided by Total Sales Miscellaneous Overhead	0.70% \$ 103,658 23,159 \$ - 23,366	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 1163-1754) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead (05/01/19 - 10/31/19) Times Summer Sales	0.70% \$ 103,658 23,159 \$ - 23,366	

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

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

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	s	7,386,966			
Projected Prorated Sales (05/01/20 - 10/31/20) Direct Cost of Gas Rate		22,681,422	\$	0.3257	per therm
Demand Cost of Gas Rate	s	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	s	(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					per thern
DESIDENTIAL COST OF CAS DATE - 06/01/2021 Approved in Order No 26 419 in DC 20 141	202	-	\$		
RESIDENTIAL COST OF GAS RATE - 05/01/2021 Approved in Order No 26,419 in DG 20-141	COG	sr	\$	0.3148	
Change in rate due to change in under/over recovery		c	\$ \$	0.3148	/therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021	COG	c	\$ \$ \$	0.3148	/therm
Change in rate due to change in under/over recovery		sr	\$ \$	0.3148	/therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/221 Change in rate due to change in under/over recovery	COG	sr	\$ \$ \$ \$	0.3148 0.0787 0.3935	/therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 06/01/2021	COG	sr sr	\$ \$ \$ \$ \$	0.3148 0.0787 0.3935 0.3935	/therm /therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 06/01/2021 Change in rate due to change in under/over recovery	COG	sr sr	\$ \$ \$ \$ \$ \$ \$	0.3148 0.0787 0.3935 0.3935	/therm /therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF CAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF CAS RATE - 06/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF CAS RATE - 07/01/2021	COG	sr sr	\$ \$ \$ \$ \$ \$ \$	0.3148 0.0787 0.3935 0.3935	/therm /therm /therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 07/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021	COG: COG:	sr sr	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.3148 0.0787 0.3935 0.3935 0.3935	/therm /therm /therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 06/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 07/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021	COG: COG:	5r 5r 5r	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.3148 0.0787 0.3935 0.3935 0.3935 0.3935	/therm /therm /therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 06/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 06/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 07/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 07/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021		34 34 34 34 34	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.3148 0.0787 0.3935 	/therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 05/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 06/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 07/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021 Change in rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021 Change in rate Gue to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 08/01/2021 Change in rate Gue to change in under/over recovery	COG: COG: COG:	34 34 34 34 34	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.3148 0.0787 0.3935 	/therm /therm /therm /therm /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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 0.3999	/therm

Average Demand Cost of Gas Rate Effective 05/01/20 Times: Low Winter Use Ratio (Summer)	\$ 0.1265 1.0620	Maximum (COG + 25%)	\$	0
Times: Correction Factor	0.9798	Maximum (000 · 20%)	Ŷ	0.
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			

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2021	COGsh	\$ 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	COGsh	\$ 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	COGsh	\$ 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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 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	COGsl	\$ 0.3886	/therm

Average Demand Cost of Gas Rate Effective 05/01/20 'Times: Hgh Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1265 0.9890 0.9798 \$ 0.1226	Maximum (COG + 25%)	\$ 0.3	3886
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.1947 0.0045 (0.0109) \$ 0.3109			

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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)

RESIDENTIAL COST OF GAS RATE - 05/01/2022	COG	isr	\$	0.5587	/therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/22			\$	0.5587	per therm
Indirect Cost of Gas			\$	0.0048	per therm
Projected Prorated Sales (05/01/22 - 10/31/22)		27, 125, 444			
Total Anticipated Indirect Cost of Gas	\$	131,366			
Total Direct Cost of Gas Rate	\$	15,025,844	\$	0.5539	per therm
Adjustment Cost of Gas Rate		4,695,023	\$	0.1731	per therm
Commodity Cost of Gas Rate		7,053,979	\$	0.2601	per therm
Demand Cost of Gas Rate	\$	3, 276, 842	\$	0.1208	per therm
Direct Cost of Gas Rate			\$	0.5539	per therm
Projected Prorated Sales (05/01/22 - 10/31/22)	÷	27, 125, 444			
Total Anticipated Direct Cost of Gas	\$	15.025.844			
(Col 1)		(Col 2)	((Col 3)	

Maximum (COG + 25%) \$ 0.6984

COWIND LOW WINTER USE COST OF GAS RATE - 05/01/2022 COGsI \$ 0.5580 /them

Average Demand Cost of Gas Rate Effective 05/01/22 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1208 0.9910 1.0027 \$ 0.1200	Maximum (COG + 25%)	\$ 0.6975	
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.2601 0.1731 0.0048 \$ 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 Times: High Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1208 1.0017 1.0027 \$ 0.1213	Maximum (COG + 25%)	\$ 0.6991
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.2601 0.1731 0.0048 \$ 0.5593		

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, 202 DATED: August 13, 2021		/s/Neil Proudman
EFFECTIVE: August 1, 2021	TITLE:	<u>Neil Proudman</u> President

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)	(0	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	^	0.5040
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 Calculation of FPO Excluding Low Income - Rate Code R-3			
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 Calculation of FPO for Gas Assistance Program - Rate Code R-4			
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

DATED: November 14, 2021	ISSUED BY:	/s/Neil Proudman
		Neil Proudman
EFFECTIVE: November 1, 2021	TITLE:	President
Anthening disc NUDUC Order No. 26 541 dated Octabler 20, 202	1 D LON T	C 01 100
Authorized by NHPUC Order No. 26,541 dated October 29, 202	I, in Docket No. L	<u>DG 21-130</u>
DATED: August 13, 2021		<u>DG 21-130</u> - <u>/s/Neil Proudman</u>
	ISSUED BV.	/s/Neil Proudman

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

CALCULATION OF FIXED WINTER PERIOD COST OF PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUG (Refer to Text in Section 17(A) Fixed Price Option P	GH APRIL 30,	2022		
(Col 1)	(Col 2)	(0	Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/21 - 04/30/22) Direct Cost of Gas Rate	\$94,810,891 87,443,741	s	1.0843	per therm
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$13,868,897 80,780,853 <u>161,141</u> \$94,810,891	\$ \$	0.9238 0.0018	per therm per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/21 - 04/30/22) Indirect Cost of Gas	\$ 4,338,002 87,443,741	s	0.0496	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21) Calculation of FPO Excluding Low Income - Rate Code R-3		\$	1.1339	
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/21) FPO Risk Premium TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/21)		\$ \$ \$	1.1339 0.0200 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) FPO Risk Premium (Line 14 * 0.55) TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/21) (Line 15 * 0.55)		\$ S S	0.6236 0.0110 0.6346	
	COGwr	\$		/therm

DATED:	November 14, 2021	ISSUED BY:	/s/Neil Proudman
			Neil Proudman
EFFECTIV	E: November 1, 2021	TITLE:	President
	Authorized by NHPUC Order No. 26,541 dated October 29, 2021	l, in Docket No. I	
DATED:	August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
			Neil Proudman
EFFECTIV		TITLE:	President

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)

(Refer to Text i								
(Col 1)					(Col 2)		(Col 3)	
Total Anticipated Direct Cost of Gas				s	46.922.854			
Projected Prorated Sales (11/01/2020 - 04/30/21)				φ	88,213,529			
Direct Cost of Gas Rate						\$	0.5319	per therm
Demand Cost of Gas Rate				s	12,978,688	¢	0 1471	per therm
Commodity Cost of Gas Rate				Ψ	32,931,719			per therm
Adjustment Cost of Gas Rate				-	1,012,447	\$		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			COGv		s		/therm
Change in rate due to change in under/over recovery				0001		\$	-	/uleilli
RESIDENTIAL COST OF GAS RATE - 12/01/2020				COGs	r	\$		/therm
Change in Rate due to change in under/over recovery						\$	(0.0907)	
RESIDENTIAL COST OF GAS RATE - 01/01/2021				COGv	vr	\$ \$	0.4664	/therm
Change in Rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 02/01/2021				COGv	vr	ş		/therm
Change in Rate due to change in under/over recovery						\$	0.0880	
RESIDENTIAL COST OF GAS RATE - 03/01/2021				COGv	vr	\$		/therm
Change in Rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 04/01/2021				COGv	vr	\$ \$	0.0894	/therm
			Maximum	(COG	+ 25%)	\$	0.6964	
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01	/20			COGv	vr	\$	0.3064	/therm
Change in rate due to change in under/over recovery						\$		
RESIDENTIAL COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery				COGs	r	\$	0.3064 (0.0499)	
Change in Rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 01/01/2021				COGv	vr	\$ \$		/therm
Change in Rate due to change in under/over recovery						\$	(0.0213)	
RESIDENTIAL COST OF GAS RATE - 2/1/2021				COGv	vr	\$		/therm
Change in Rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 3/1/2021				COGv		\$ \$	0.0484	/therm
Change in Rate due to change in under/over recovery				000	VI	\$	0.0492	/ulefill
RESIDENTIAL COST OF GAS RATE - 4/1/2021				COGv	vr	\$	0.3328	/therm
			Maximum	(COG	+ 25%)	\$	0.3830	
Change in rate due to change in under/over recovery			1	COGv	vI	\$	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			1		vI	\$	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 Change in Rate due to change in under/over recovery				COGv	vl	\$ \$ \$	0.5660 - 0.5660 (0.0907)	/therm
Change in rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery				COGw COGs COGs	vI a	\$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388)	/therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021				COGw	vI a	\$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365	/therm /therm
Change in rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery				COGw COGs COGs COGs	4 4	\$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880	/therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021				COGw COGs COGs	4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245	/therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery				COGw COGs COGs COGs	v1 a a a	\$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245 0.0894	/therm /therm /therm
CAI LOW WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$	0.1471 1.0620 0.9984 0.1560		COGs COGs COGs COGs COGs	4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245 0.0894	/therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 CAInage in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 CAInage in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 CAINAGE CO	-	1.0620 0.9984		COGs COGs COGs COGs COGs	4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245 0.0894 0.6139	/therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 0/101/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demiand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$	1.0620 0.9984 0.1560 0.3733 0.0115		COGs COGs COGs COGs COGs	4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245 0.0894 0.6139	/therm /therm /therm /therm
Change in rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Times: Low Winter Los Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Horizer COst of Gas Rate	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252		COGs COGs COGs COGs COGs	4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245 0.0894 0.6139	/therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 0/101/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demiand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$	1.0620 0.9984 0.1560 0.3733 0.0115		COGs COGs COGs COGs COGs	4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 (0.0388) 0.4365 0.0880 0.5245 0.0894 0.6139	/therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Times: Low Winter Use Ratio (Winter) Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Adjusted CAI Low Winter Use Cost of Gas Rate	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum	COGs COGs COGs COGs COGs (COG	vi 4 4 4 4 4 4 + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 0.4753 0.6380 0.5245 0.6880 0.6139 0.7075	/therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 101/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Times: COST OF GAS RATE - 3/01/2021 Times: LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to Change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to Change in under/over recovery CGAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to Change Demand Cost of Gas Rate Commodily Cost of Gas Rate Commodily Cost of Gas Rate Adjusted Cost I Gas Rate Adjusted Cost I Gas Rate CGAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CASI HIGH WINTER USE COST OF GAS RATE - 11/01/20 CA	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum	COGs COGs COGs COGs COGs	vi 4 4 4 4 4 4 + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.5660 (0.0907) 0.4753 0.4753 0.6380 0.5245 0.6880 0.6139 0.7075	/therm /therm /therm /therm
Change in rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Times: Correction Factor Average Demand Cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Adjusted Cal LOW Winter Use Cost of Gas Rate Cal HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to Cot of Gas RATE - 11/01/20 Change in rate due to COST OF GAS RATE - 12/01/20 Change in rate due to COST OF GAS RATE - 12/01/20 Change in rate due to COST OF GAS RATE - 12/01/20 Change in rate due to COST OF GAS RATE - 12/01/20 Change in rate due to Cot OF GAS RATE - 12/01/20 Change in rate due to COST OF GAS RATE - 12/01/20	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum	COGs COGs COGs COGs COGs (COG	vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5660 0.0907) 0.4753 0.4365 0.0884 0.6139 0.7075 0.5552	/therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 101/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CCAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjusted CCAI COST GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 12/01/2020 Change in Change in under/over recovery CCAI HIGH WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum	COGw COGs COGs COGs COGs (COG (COG	vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660	/therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/202 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 11/01/202 Change in Rate due to COST OF GAS RATE - 01/01/2021	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum	COGw COGs COGs COGs COGs COGs (COG	vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660 0.660 0.0907 0.4753 0.4365 0.0894 0.6139 0.7075 0.5552 0.5552 0.5552 0.5552 0.05552 0.05552	/therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Times: Correction Factor Adjusted Demand Cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Adjusted Cost of Gas Rate Adjusted Cost of Gas Rate Câl HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/10/20 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum		vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* *	0.5660	/therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate Gue to change Demand Cost of Gas Rate Effective 11/01/20 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjusted CAI Low Winter Use Cost of Gas Rate CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 12/01/2021 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum	COGw COGs COGs COGs COGs (COG (COG	vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660	/therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted Cost of Gas Rate Adjusted Cost of Gas Rate Adjusted Cost of Gas Rate Adjusted Cost OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 12/01/202 Change in rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/01/202 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/01/202 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/01/202 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum		vt 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• •	0.5660 0.5600 0.5600 0.4365 0.0388 0.4385 0.0894 0.6139 0.5245 0.0894 0.5552 0.55552 0.05552 0.0907 0.4645 0.04645 0.42657 0.42677 0.42677 0.42677 0.42677 0.426777 0.426777 0.426777 0.426777 0.426777777	/therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 12/01/2021 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 12/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to chan	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum		vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	s s	0.5660 0.5660 0.0560 0.4753 0.4753 0.4753 0.4753 0.4755 0.4755 0.4755 0.6552 0.5552 0.5552 0.5555 0.5555 0.5555 0.6555 0.69907 0.4654 0.09907 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0000 0.00000 0.00000 0.00000 0.000000	/therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 12/01/2021 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 12/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to chan	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum		vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	s s	0.5660 0.5660 0.0560 0.4753 0.4753 0.4753 0.4753 0.4755 0.4755 0.4755 0.6552 0.5552 0.5552 0.5555 0.5555 0.5555 0.6555 0.69907 0.4654 0.09907 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0000 0.00000 0.00000 0.00000 0.000000	/therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 101/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 12/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252	Maximum		vi 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	s s	0.5660 0.5660 0.0560 0.4753 0.4753 0.4753 0.4753 0.4755 0.4755 0.4755 0.6552 0.5552 0.5552 0.5555 0.5555 0.5555 0.6555 0.69907 0.4654 0.09907 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0000 0.00000 0.00000 0.00000 0.000000	/therm /therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 101/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted CAI Low Winter Use Cost of Gas Rate Adjusted CAI Low Winter Use Cost of Gas Rate CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in	\$ \$ \$ \$ \$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252 0.5660	Maximum		vl 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	s s	0.5660 0.5660 0.0560 0.4753 0.4753 0.4753 0.4753 0.4755 0.4755 0.4755 0.6552 0.5552 0.5552 0.5555 0.5555 0.5555 0.6555 0.69907 0.4654 0.09907 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.4655 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0555 0.0997 0.0000 0.00000 0.00000 0.00000 0.000000	/therm /therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 10/10/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 40/10/201 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 40/10/201 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 40/10/201 Times: Correction Factor Adjusted Demand Cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Indirect Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Cal HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 30/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 30/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 40/1/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 40/1/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 40/1/2021 Change in Rate due to change in under	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252 0.5660	Maximum		vl 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660 0.5660 (0.9907) 0.4753 (0.0388) 0.4353 0.6384 0.6139 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075	/therm /therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 101/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery CAI LOW WINTER USE COST OF GAS RATE - 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted CAI Low Winter Use Cost of Gas Rate Adjusted CAI Low Winter Use Cost of Gas Rate CAI HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery CAI HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in	\$ \$ \$ \$ \$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252 0.5660	Maximum		vl 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660 0.5660 (0.9907) 0.4753 (0.0388) 0.4353 0.6384 0.6139 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075	/therm /therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 01/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 4/01/2021 Times: Correction Factor Adjusted Demand Cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Cal HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 10/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 2/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 1/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 3/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over recovery Cal HIGH WINTER USE COST OF GAS RATE - 4/01/2021 Change in Rate due to change in under/over	\$	1.0620 0.9984 0.1560 0.3733 0.0115 0.0252 0.5660	Maximum		vl 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660 0.5660 (0.9907) 0.4753 (0.0388) 0.4353 0.6384 0.6139 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075	/therm /therm /therm /therm /therm /therm /therm /therm /therm /therm
Change in rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 12/01/2020 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 10/10/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 40/10/201 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 40/10/201 Change in Rate due to change in under/over recovery Câl LOW WINTER USE COST OF GAS RATE - 40/10/201 Times: Correction Factor Adjusted Demand Cost of Gas Rate Effective 11/01/20 Times: Correction Factor Adjusted Demand Cost of Gas Rate Indirect Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Adjustmet Cost of Gas Rate Cal HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 11/01/20 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 10/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 30/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 20/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 30/10/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 40/1/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 40/1/2021 Change in Rate due to change in under/over recovery Câl HIGH WINTER USE COST OF GAS RATE - 40/1/2021 Change in Rate due to change in under	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.9864 0.1560 0.3733 0.01250 0.5660 0.5660 0.5660 0.5660	Maximum		vl 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$	0.5660 0.5660 (0.9907) 0.4753 (0.0388) 0.4353 0.6384 0.6139 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075 0.7075	/therm /therm /therm /therm /therm /therm /therm /therm /therm /therm

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. I	OG 21-130
		<u>JU 21-150</u>
DATED: Arrest 12, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
DATED: August 13, 2021	ISSUED BV:	/s/Neil Proudman

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) Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/2021 - 04/30/22) Direct Cost of Gas Rate Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate					``	Col 2)		Col 3)	
Direct Cost of Gas Rate Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate				\$		94,810,891 87,443,741			
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate						01,440,141	\$	1.0843	per ther
Adjustment Cost of Gas Rate				\$		13,868,897			per ther
-						80,780,853 161,141			per ther per ther
Total Direct Cost of Gas Rate				\$		94,810,891	_		-
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/21 - 04/30/22)				\$		4,338,002 87,443,741			
Indirect Cost of Gas							\$	0.0496	per ther
TOTAL PERIOD AVERAGE COST OF GAS EFF	ECTIVE 11/01/21						\$	1.1339	per the
RESIDENTIAL COST OF GAS RATE - EXCLUDI	NG LOW INCOME - 11/01/2	21		CC	DGwi		\$	1.1339	/therm
				Maximum (C	0G +	25%)	\$	1.4174	
GAS ASSISTANCE PLAN RESIDENTIAL COST	OF GAS RATE R-4 - 11/01/:	21		CC	DGwi		\$	0.6236	/therm
				Maximum (C	0G +	25%)	\$	0.7796	
C&I LOW WINTER USE COST OF GAS RATE -	11/01/21			co	DGwl		\$	1.1324	/therm
							-		
Average Demand Cost of G Times: Low Winter Use Rat		\$	0.1586 0.9910	Maximum (C	OG +	25%)	\$	1.4155	
Times: Correction Factor			1.0001			,	-		
Adjusted Demand Cost of C	as Rate	\$	0.1572						
Commodity Cost of Gas Ra		\$	0.9238						
Adjustment Cost of Gas Ra Indirect Cost of Gas Rate	te	\$ \$	0.0018 0.0496						
Adjusted C&I Low Winter U	se Cost of Gas Rate	\$	1.1324						
C&I HIGH WINTER USE COST OF GAS RATE -	11/01/21				DGwi		\$	1 1341	/therm
Call high winter use cost of GAS Rate	11/01/21				00111		•	1.1041	/menn
Average Remand Cost of C	as Rate Effective 11/01/21	¢	0 1586						
Average Demand Cost of G Times: High Winter Use Ra		\$	0.1586 1.0017	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra Times: Correction Factor	tio (Winter)		1.0017 1.0001	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra	tio (Winter)		1.0017	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra Times: Correction Factor Adjusted Demand Cost of C Commodity Cost of Gas Ra	tio (Winter) Sas Rate te		1.0017 1.0001	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra Times: Correction Factor Adjusted Demand Cost of C Commodity Cost of Gas Ra Adjustment Cost of Gas Ra	tio (Winter) Sas Rate te	\$ \$ \$	1.0017 1.0001 0.1589 0.9238 0.0018	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra Times: Correction Factor Adjusted Demand Cost of C Commodity Cost of Gas Ra	tio (Winter) Sas Rate te te	s s	1.0017 1.0001 0.1589 0.9238	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra Times: Correction Factor Adjusted Demand Cost of G Commodity Cost of Gas Ra Adjustment Cost of Gas Ra Indirect Cost of Gas Rate	tio (Winter) Sas Rate te te	\$	1.0017 1.0001 0.1589 0.9238 0.0018 0.0496	Maximum (C	0G +	25%)	\$	1.4176	
Times: High Winter Use Ra Times: Correction Factor Adjusted Demand Cost of C Commodity Cost of Gas Ra Adjustment Cost of Gas Ra Indirect Cost of Gas Rate Adjusted C&I High Winter U	tio (Winter) Sas Rate te te	\$	1.0017 1.0001 0.1589 0.9238 0.0018 0.0496						
Times: High Winter Use Ra Times: Correction Factor Adjusted Demand Cost of G Commodity Cost of Gas Ra Adjustment Cost of Gas Ra Indirect Cost of Gas Rate	tio (Winter) Sas Rate te te	\$	1.0017 1.0001 0.1589 0.9238 0.0018 0.0496			25%) D BY:	/s/Ì	Neil Pr	oudma

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

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 Interruptible Sales Margin		(4,516)		
Capacity Release and Off System Sales Margins		(1,736,581)		
Hedging Costs		(1,730,301)		
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	Ŷ	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:	<u>,</u>	45 040 407		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21 Less: Refunds	\$	45,910,407 -		
Plus: Total Working Capital		(8,490)		
Plus: Prior Period (Over)/Under Recovery				
Plus. Plior Peliod (Over)/Under Recovery		2,227,421		
Subtotal	\$	48,129,338		
Subtotal	\$	48,129,338		
Subtotal Bad Debt Percentage	\$			
Subtotal		48,129,338 <u>1.11%</u>		
Subtotal Bad Debt Percentage Bad Debt Allowance		48,129,338 <u>1.11%</u> 534,236 (296,628)	\$ 237,608	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance		48,129,338 <u>1.11%</u> 534,236 (296,628)		
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance Production and Storage Capacity		48,129,338 <u>1.11%</u> 534,236 (296,628)	\$ 237,608 \$ 1,980,428	
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead 11/01/20 - 04/30/21		48,129,338 <u>1.11%</u> 534,236 (296,628) 13,170		
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead 11/01/20 - 04/30/21 Times Winter Sales	\$	48,129,338 <u>1.11%</u> 534,236 (296,628) 13,170 89,365		
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead 11/01/20 - 04/30/21 Times Winter Sales Divided by Total Sales	\$	48,129,338 <u>1.11%</u> 534,236 (296,628) 13,170		
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead 11/01/20 - 04/30/21 Times Winter Sales	\$	48,129,338 <u>1.11%</u> 534,236 (296,628) 13,170 89,365		
Subtotal Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Allowance Production and Storage Capacity Miscellaneous Overhead 11/01/20 - 04/30/21 Times Winter Sales Divided by Total Sales	\$	48,129,338 <u>1.11%</u> 534,236 (296,628) 13,170 89,365 111,369	\$ 1,980,428	

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. I	DG 21-130
DATED:	August 13, 2021	ISSUED BY:	/s/Neil Proudman
			Neil Proudman
FFFECTIVE	August 1 2021	TITI D.	Dresident
DITECTIVE.	August 1, 2021	HILE:	President

EFFECTIVE: August 1, 2021

Neil Proudman

TITLE: President

31. ANTICIPATED COST OF GAS - EXCLUDING KEENE CUSTOMERS

Anticipated Cost of Gas PERIOD COVERED: WINT ER 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:	\$	10 007 000			
	3	12,887,000			
Supply Costs:		72,351,034			
Storage Gas:					
Demand, Capacity:	s	981.898			
	3				
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
Adju stments:					
Prior Period (Over)/Under Recovery (as of 05/01/20)	s	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	s	94,649,751			
Less: Refunds	4	54,049,751			
Plus: Total Working Capital		201,902			
Plus: Prior Period (Over)/Under Recovery		1,431,639			
Subtotal	s	96,283,291			
Suurua	۵	90,283,291			
Bad Debt Percentage		0.70%			
Bad Debt Allowance	s	<u>0.70%</u> 673,983			
Plus: Bad Debt Reconciliation (Acct 175.52)	Ŷ	(223, 340)			
		(223, 340)	e	450,640	
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
EFFECTIVE: November 1, 2021	TITLE:	President
Authorized by NHPUC Order No. 26,541 dated October 29, 20	21, in Docket No. I	DG 21-130
DATED: August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>

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	1,022,078				
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	1,590,589 <u>8.7%</u> \$ 138,381				
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	89,364,968 42,456,275 131,821,243	67.8% <u>32.2%</u> 100.0%	6		
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	32.2%	x \$138,381	=	\$ 44	4,569
PRIOR (OVER) OR UNDER COLLECTION				(40	0,053)
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS				\$ 4	4,516
PROJECTED FIRM TRANSPORTATION THROUGHPUT				42,456	6,275
FIRM TRANSPORTATION COST OF GAS				\$0.	.0001

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, 202		DG 21-130
DATED: August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
		iven i roudinan
EFFECTIVE: August 1, 2021	TITLE:	<u>President</u>

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	1,378,925					
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	2,299,384 <u>8.7%</u> \$ 200,046					
PROJECTED FIRM THROUGHPUT (THERMIS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	91,676,680 42,583,790 134,260,470		68.3% <u>31.7%</u> 100.0%			
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	х	\$200,046	=	\$	63,449
PRIOR (OVER) OR UNDER COLLECTION						(56,511)
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
		Neil Proudman
EFFECTIVE: November 1, 2021	TITLE:	President
Authorized by NHPUC Order No. 26,541 dated October 29, 202	<u>1, in Docket No. I</u>	DG 21-130
DATED: August 13, 2021	ISSUED BY:	/s/Neil Proudman
		Neil Proudman
EFFECTIVE: August 1, 2021	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 Surcharge per therm	182,829,872 therms <u>\$0.0155</u> per therm
Total Environmental Surcharge	\$0.0155

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 Surcharge per therm	179,574,679 therms <u>\$0.0197</u> per therm
Total Environmental Surcharge	\$0.0197

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, 202	1, in Docket No. I	DG 21-130
DATED: August 13, 2021	ISSUED BV:	/ AT 11 D 1
DATED: August 13, 2021	1990ED D1.	<u>/s/Neil Proudman</u>
	ISSUED D1.	<u>/s/Neil Proudman</u> Neil Proudman
EFFECTIVE: August 1, 2021	TITLE:	Neil Proudman

	35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION	
1	Rate Case Exepense	
2	Prior Period Balance	(\$11,949)
3	Expenses thru June 30, 2021	\$785,177
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	Recoupment	
9	Distribution Recoupment from Docket No. DG 20-105	(\$568,780)
10	Indirect Costs Recoupment from Docket No. DG 20-105	\$1,900,000
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	\$16,852
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. I	DG 21-130
DATED:	August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
	-		Neil Proudman
EFFECTIVE	: August 1, 2021	TITLE:	President

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 Recoupment Remaining from Docket No. DG 17-048 July 1, 2020 Balance	\$87,069 <u>\$0</u> \$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
RCE & Recoupment rate per therm November 2020 - October 2021	\$0.0002

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, 202	1, in Docket No. E	<u>OG 21-130</u>
DATED: August 13, 2021	ISSUED BY:	<u>/s/Neil Proudman</u>
		Neil Proudman
EFFECTIVE: August 1, 2021	TITLE:	President

36 LOCAL DISTRIBUTION ADJUSTMENT CLAUSE CALCULATION

Local Delivery Adjustment Charge Calculation

			Sales	Transportation	
<u>Residential Non Heating Rates - R-1, R-5</u> Energy Efficiency Charge	\$	0.0861	<u>Customers</u>	<u>Customers</u>	
Demand Side Management Charge	Ŷ	0.0000			
Conservation Charge (CCx)			\$ 0.0861		
Relief Holder and pond at Gas Street, Concord, NH		0.0000			
Manufactured Gas Plants Environmental Surcharge (ES)		0.0155	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) LDAC			0.0156 \$ 0.1397	-	per therm
			• •••••		per alerni
Residential Heating Rates - R-3, R-4, R-6, R-7					
Energy Efficiency Charge	\$	0.0861			
Demand Side Management Charge Conservation Charge (CCx)		0.0000	- \$ 0.0861		
Relief Holder and pond at Gas Street, Concord, NH		0.0000	φ 0.0001		
Manufactured Gas Plants		0.0155	_		
Environmental Surcharge (ES)			0.0155		
Revenue Decoupling Adjustment Factor (RDAF)			0.0152 0.0000		
Energy Efficiency Resource Standard Lost Revenue Mechanism Rate Case Expense Factor (RCEF)			0.0000		
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 Environmental Surcharge (ES)		0.0155	- 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) LDAC			0.0156 \$ 0.0831		per therm
LDAG			φ 0.0051	ş 0.003 î	per merm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56		* 0.0400			
Energy Efficiency Charge Demand Side Management Charge		\$0.0408 0.0000			
Conservation Charge (CCx)		0.0000	\$0.0408	\$0.0408	
Relief Holder and pond at Gas Street, Concord, NH		0.0000			
Manufactured Gas Plants		0.0155			
Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)			0.0155 0.0039	0.0155 0.0039	
Energy Efficiency Resource Standard Lost Revenue Mechanism			0.0009	0.0009	
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) Relief Holder and pond at Gas Street, Concord, NH		0.0000	\$0.0408	\$0.0408	
Manufactured Gas Plants		0.0000			
Environmental Surcharge (ES)		2.0.00	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) LDAC			0.0156 \$ 0.0831	0.0156 \$ 0.0831	per therm
			+ 0.0001	+ 0.0001	Per dienn

DATED:August November 14 13, 2021

ISSUED BY: <u>/s/Neil Proudman</u> 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 Energy Efficiency Charge	\$	0.0861	Sales <u>Customers</u>	Transportation <u>Customers</u>	
Demand Side Management Charge Conservation Charge (CCx)		0.0000	\$ 0.0861		
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES)		0.0000 0.0155	0.0155		
Revenue Decoupling Adjustment Factor (RDAF) Energy Efficiency Resource Standard Lost Revenue Mechanism Rate Case Expense Factor (RCEF)			0.0152 0.0000 0.0074		
Gas Assistance Program (GAP)			0.0074 0.0156 \$ 0.1397	-	per therm
Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge	\$	0.0861			
Demand Side Management Charge	ф 	0.0000	\$ 0.0861		
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		0.0000 0.0155	\$ 0.0861		
Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)			0.0155 0.0152		
Energy Efficiency Resource Standard Lost Revenue Mechanism Rate Case Expense Factor (RCEF)			0.0000 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 Conservation Charge (CCx)		0.0000	\$ 0.0408	\$ 0.0408	
Relief Holder and pond at Gas Street, Concord, NH		0.0000	φ 0.0400	φ 0.0408	
Manufactured Gas Plants Environmental Surcharge (ES)		0.0155	0.0155	0.0155	
Revenue Decoupling Adjustment Factor (RDAF) Energy Efficiency Resource Standard Lost Revenue Mechanism			0.0039 0.0000	0.0039 0.0000	
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)			0.0074 0.0156	0.0074 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 Demand Side Management Charge		\$0.0408 0.0000			
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH		0.0000	\$0.0408	\$0.0408	
Manufactured Gas Plants Environmental Surcharge (ES)		0.0155	0.0155	0.0155	
Revenue Decoupling Adjustment Factor (RDAF) Energy Efficiency Resource Standard Lost Revenue Mechanism			0.0039	0.0039	
Rate Case Expense Factor (RCEF)			0.0074	0.0074	
Gas Assistance Program (GAP) LDAC			0.0156 \$ 0.0831	0.0156 \$ 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 Demand Side Management Charge	\$	0.0408 0.0000			
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		0.0000 0.0155	\$0.0408	\$0.0408	
Environmental Surcharge (ES)		0.0100	0.0155	0.0155	
Revenue Decoupling Adjustment Factor (RDAF) Energy Efficiency Resource Standard Lost Revenue Mechanism			0.0039 0.0000	0.0039 0.0000	
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)			0.0074 0.0156	0.0074 0.0156	
LDAC			\$ 0.0831		per therm

DATED:August November 14 13, 2021

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	% of the Proceeds from the Marketing of						
III.	Peaking Demand Charge	\$	17.32	MMBTU of Peak MDQ					
IV.	Company Allowance Calculation (per Schedule 25) Company Allowance Percentage 2020-21	166,	030,868 <u>311,578</u> 719,290 1.6%	Total Sendout - Therms Jul -2019 - Jun-2020 Total Throughput - Therms Jul-2019 - Jun-2020 Variance (Sendout - Throughput) Variance / Total Sendout					
Sch	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)								
		,	,	Total Sendout - Therms Jul -2020 - Jun-2021					
				Total Throughput - Therms Jul-2020 - Jun-2021					
		2,		Variance (Sendout - Throughput)					
	Company Allowance Percentage 2020-21		1.2%	Variance / Total Sendout					

DATED: August November 1413, 2021

EFFECTIVE: August November 1, 2021

3 ATTACHMENT C Capacity Allocators

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

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
	Low Annual /High Winter				
G-41	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 1314, 2021

ISSUED BY: <u>/s/Neil Proudman</u> Neil Proudman TITLE: President

EFFECTIVE: August November 1, 2021

Authorized by NHPUC Order No. 26,541 dated October 29, 2021, in Docket No. DG 21-130 Authorized by NHPUC Order No. 26,505 dated July 30, 2021, in Docket No. DG 20-105