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3	Twenty-ninth Revised
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81	Second Revised
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83	Second Revised
84	Original
85	Second Revised
86	Original
87	Sixteenth Revised
88	Eighteenth Revised
89	Sixteenth Revised

EFFECTIVE: November 1, 2022

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

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90	Original
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EFFECTIVE: November 1, 2022

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES FIRM RATE SCHEDULES EXCLUDING KEENE CUSTOMERS

	Rates Effectiv		er 1, 2022 - Period	Ар	ril 30, 2023	F	ates Effe	ctive May 1,: Summe	2023 – Octo r Period	ber	31, 2023
	Delivery <u>Charge</u>	Cost of Gas Rate Page 95	LDAC Page 101		Total <u>Rate</u>		eli very Charge	Cost of Gas Rate <u>Page 92</u>	LDAC Page 101		Total <u>Rate</u>
Residential Non Heating - R-1 Customer Charge per Month per Meter All thems	\$ 15.39 \$ 0.5129	\$1.4300	\$ 0.1086	\$ \$	15.39 2.0515	\$ \$	15.39 0.5129	\$ 1.0269	\$ 0.1086	\$ \$	15.39 1.6484
Residential Heating - R-3 Customer Charge per Month per Meter Therms in the first block per month at	\$ 15.39 \$ 0.6519	\$1.4300	\$ 0.1086	\$ \$	15.39 2.1905	\$ \$	15.39 0.6519	\$ 1.0269	\$ 0.1086	\$ \$	15.39 1.7874
Residential Heating - R-4 Customer Charge per Month per Meter Therms in the first block per month at	\$ 8.47 \$ 0.3585	\$0.7865	\$ 0.1086	\$ \$	8.47 1.2536	\$ \$	15.39 0.6519	\$ 1.0269	\$ 0.1086	\$ \$	15.39 1.7874
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block	\$ 63.30 100 Thems	¢ 1 4201	¢ 0.0070	\$	63.30	\$ 2 \$	63.30 0 therms	¢ 1.0074	¢ 0.0070	\$	63.30
Therms in the first block per month at All therms over the first block per month at	+		\$ 0.0872 \$ 0.0872	-	2.0261 1.8723	\$ \$	0.5088 0.3550	• · · · • • · ·	\$ 0.0872 \$ 0.0872	-	1.6231 1.4693
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block	\$ 189.84 1000 Therms			\$	189.84	\$ 40	189.84 0 therms			\$	189.84
Therms in the first block per month at All therms over the first block per month at		-	\$ 0.0872 \$ 0.0872	-	1.9807 1.8385	\$ \$	0.4634 0.3212	-	\$ 0.0872 \$ 0.0872	-	1.5777 1.4355
Commercial/Industrial - G-43 Customer Charge per Month per Meter All thems over the first block per month at	\$ 811.98 \$ 0.2863	\$1.4301	\$ 0.0872	\$ \$	811.98 1.8036	\$ \$	811.98 0.1441	\$ 1.0271	\$ 0.0872	\$ \$	811.98 1.2584
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block	\$ 63.38 100 therms			\$	63.38		63.38) therms	_		\$	63.38
Therms in the first block per month at All therms over the first block per month at	•		\$ 0.0872 \$ 0.0872	-	1.8238 1.7252	\$ \$	0.3070 0.2084		\$ 0.0872 \$ 0.0872		1.4208 1.3222
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block	\$ 189.57 1000 therms			\$	189.57	\$ 100	189.57 0 therms			\$	189.57
Therms in the first block per month at All therms over the first block per month at	\$ 0.2647		\$ 0.0872 \$ 0.0872		1.7815 1.7004	\$ \$	0.1978 0.1219		\$ 0.0872 \$ 0.0872	-	1.3116 1.2357
Commercial/Industrial - G-53 Customer Charge per Month per Meter All thems over the first block per month at	\$ 838.52 \$ 0.1851	\$1.4296	\$ 0.0872	\$ \$	838.52 1.7019	\$ \$	838.52 0.0968	\$ 1.0266	\$ 0.0872	\$ \$	838.52 1.2106
Commercial/Industrial - G-54 Customer Charge per Month per Meter All thems over the first block per month at	\$ 839.19 \$ 0.0705	\$1.4296	\$ 0.0872	\$ \$	839.19 1.5873	\$ \$	839.19 0.0409	\$ 1.0266	\$ 0.0872	\$ \$	839.19 1.1547

DATED:	February 7,	2023
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ISSUED BY: /s/Neil Proudman TITLE:

Neil Proudman President

EFFECTIVE: November 1, 2022

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 20-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057

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

								II RATE SC	HEDU	ES						
	R	ates Effectiv	/eN		1, 2	2022 – Ap		EDULES EXC 30, 2023				STOMERS re May 1, 2 Summer			er 3	31, 2023
		Delivery <u>Charge</u>	G	Cost of Sas Rate Page 95		LDAC age 101		Total <u>Rate</u>		elivery <u>Charge</u>	G	Cost of Gas Rate Page 92		LDAC age 101		Total <u>Rate</u>
<u>Residential Non Heating - R-5</u> Customer Charge per Month per Meter All Therms	\$ \$	20.01 0.6668	\$	1.4300	\$	0.1086	\$ \$	20.01 2.2054	\$ \$	20.01 0.6668	\$	1.0269	\$	0.1086	\$ \$	20.01 1.8023
<u>Residential Heating - R-6</u> Customer Charge per Month per Meter Therms in the first block per month at	\$ \$	20.01 0.8475	\$	1.4300	\$	0.1086	\$ \$	20.01 2.3861	\$ \$	20.01 0.8475	\$	1.0269	\$	0.1086	\$ \$	20.01 1.9830
<u>Residential Heating - R-7</u> Customer Charge per Month per Meter Therms in the first block per month at	\$ \$	11.01 0.4661	\$	0.7865	\$	0.1086	\$ \$	11.01 1.3612	\$ \$	20.01 0.8475	\$	1.0269	\$	0.1086	\$ \$	20.01 1.9830
<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	\$ \$	82.29 100 therms 0.6614		1.4301	\$	0.0872	\$ \$	82.29 2.1787	\$ 2 5	82.29 0 therms 0.6614	\$	1.0271	\$	0.0872	\$ \$	82.29 1.7757
All therms over the first block per month at <u>Commercial/Industrial - G-45</u> Customer Charge per Month per Meter	\$ \$	0.4614 246.78	\$	1.4301	\$	0.0872	\$ \$	1.9787 246.78	\$ \$	0.4614	\$	1.0271	\$	0.0872	\$ \$	1.5757 246.78
Size of the first block Therms in the first block per month at All therms over the first block per month at	\$	00 therms 0.6023 0.4175		1.4301 1.4301	-	0.0872 0.0872		2.1196 1.9348	40 \$ \$	0 therms 0.6023 0.4175		1.0271 1.0271		0.0872 0.0872		1.7166 1.5318
<u>Commercial/Industrial - G-46</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	1,055.58 0.3722	\$	1.4301	\$	0.0872	\$ \$	1,055.58 1.8895	\$ \$	1,055.58 0.1873	\$	1.0271	\$	0.0872	\$ \$	1,055.58 1.3016
<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	\$ \$	82.39 100 therms 0.3992		1.4296	\$	0.0872	\$ ¢	82.39 1.9160	\$ 1(\$	82.39 10 therms 0.3992	c	1.0266	s	0.0872	\$ ¢	82.39 1.5130
All therms over the first block per month at	+	0.2710						1.7878	\$	0.2710		1.0266	\$	0.0872		1.3848
<u>Commercial/Industrial - G-56</u> Customer Charge per Month per Meter Size of the first block		246.43 1000 therms					\$	246.43		246.43 00 therms					\$	246.43
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.3442 0.2387		1.4296 1.4296	\$ \$	0.0872 0.0872		1.8610 1.7555	\$ \$	0.2572 0.1585		1.0266 1.0266	\$ \$	0.0872 0.0872		1.3710 1.2723
<u>Commercial/Industrial - G-57</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	1,090.08 0.2407	\$	1.4296	\$	0.0872	\$ \$	1,090.08 1.7575	\$ \$	1,090.08 0.1259	\$	1.0266	\$	0.0872	\$ \$	1,090.08 1.2397
<u>Commercial/Industrial - G-58</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ \$	1,090.95 0.0916	\$	1.4296	\$	0.0872	\$ \$	1,090.95 1.6084	\$ \$	1,090.95 0.0531	\$	1.0266	\$	0.0872	\$ \$	1,090.95 1.1669

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

President

TITLE:

EFFECTIVE: November 1, 2022

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057

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

Anticipated Cost of Gas PERIOD COVERED: SUMMER PERIOD, MAY 1, 2023 THROUGH OCTOBER 31, 2023 (REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)		(Col 2)		(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:	~	0.000.544		
Demand Costs: Supply Costs:	\$ \$	3,233,514 9,171,762		
Storage Gas:				
Demand, Capacity:	\$	-		
Commodity Costs:	\$	-		
Produced Gas	\$	152,643		
Hedged Contract (Savings)/Loss	\$	-		
Unadjusted Anticipated Cost of Gas			\$	12,557,918
Adjustments:				
Prior Period (Over)/Under Recovery (as of 9/1/2022 estimated COG)	\$	10,637,079		
Interest	\$	457,126		
Prior Period Adjustments	\$	-		
Broker Revenues	\$	-		
Refunds from Suppliers	\$	-		
Fuel Financing	\$ \$	-		
Transportation CGA Revenues Interruptible Sales Margin	э 5	-		
Capacity Release Margin	э 5	-		
Hedging Costs	s S	-		
Fixed Price Option Administrative Costs	ŝ	-		
Total Adjustments	Ŷ		\$	11,094,205
Total Anticipated Direct Cost of G as			\$	23,652,124
Anticipated Indirect Cost of Gas				
Working Capital:				
Total Unadjusted Anticipated Cost of Gas 05/01/23 - 10/31/23)	\$	12,557,918		
Working Capital Rate - Lead Lag Days / 365		0.0705		
Prime Rate Working Capital Percentage		5.50% 0.388%		
Working Capital Percentage Working Capital	\$	48,670		
Plus: Working Capital Reconciliation (Acct 1163-1424)	\$	47,458		
Total Working Capital Allowance			\$	96,127
Bad Debt:	e	10 557 010		
Total Unadjusted Anticipated Cost of Gas 05/01/23 - 10/31/23) Less: Refunds	\$ \$	12,557,918		
Plus: Total Working Capital	ŝ	96,127		
Plus: Prior Period (Over)/Under Recovery	Š	10,637,079		
Subtotal	\$	23,291,125		
Bad Debt Percentage		0.86%		
Bad Debt Allowance	\$	200,572		
Plus: Bad Debt Reconciliation (Acct 1163-1754)	\$	337,560		
Total Bad Debt Allowance			\$	538,132
Production and Storage Capacity			\$	-
Miscellaneous Overhead (05/01/23 - 10/31/23)	\$			
Times Summer Sales	\$	23,649		
Divided by Total Sales	э 5	116,430		
Miscellaneous Overhead	÷	. 10,400	\$	_
Total Anticipated Indirect Cost of Gas			ъ \$	- 634,259
Total Cost of Gas			\$	24,286,383

DATED: February 7, 2023

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

EFFECTIVE: November 1, 2022

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, 2023 THROUGH OCTOBER 31, 2023 (Refer to Text in Section 17 Cost of Gas Clause)

(Col 1)				(Col 2)		(Co	13)
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23) Direct Cost of Gas Rate			\$ \$	23,652,124 23,648,905	\$	1.0001	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23) Indirect Cost of Gas			\$ <u>\$</u> \$	3,233,514 9,324,405 11,094,205 23,652,124 634,259 23,648,905	\$ \$	0.3943 0.4691 1.0001	per therm per therm per therm per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/23					\$	1.0269	per therm
RESIDENTIAL COST OF GAS RATE - 05/01/2023			COG	sr	\$	1.0269	/therm
			(COC	G + 25%)	\$	1.2836	per therm
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2023			COG	sh	\$	1.0271	/therm
Average Demand Cost of Gas Rate Effective 05/01/23 'Times: High Winter Use Ratio (Summer) Times: Correction Factor	\$ \$ \$	0.1367 1.0005 1.0009	(COG	9 + 25%)	\$	1.2839	per therm

Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate

Adjusted Com/Ind High Winter Use Cost of Gas Rate

Average Demand Cost of Gas Rate Effective 05/01/23

Adjusted Com/Ind Low Winter Use Cost of Gas Rate

'Times: Low Winter Use Ratio (Summer)

Adjusted Demand Cost of Gas Rate

Adjustment Cost of Gas Rate

Indirect Cost of Gas Rate

Times: Correction Factor

Commodity Cost of Gas Rate

Adjustment Cost of Gas Rate

Indirect Cost of Gas Rate

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2023

\$

\$

\$

\$

\$

\$

s

\$

\$

\$

\$

\$

\$

0.1369

0.3943

0.4691

0 0268

1.0271

0 1367

1.0009

0.1364

0.3943

0.4691

0.0268

1.0266

COGsl

0.9971 (COG + 25%)

\$ 1.0266 /therm

\$ 1.2833 per therm

DATED: February 7, 2023

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

EFFECTIVE: November 1, 2022

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057

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, 2022 THROUGH APRIL 30, 2023 (Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(0	Col 3)
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) Direct Cost of Gas Rate	\$ 127,589,939 92,780,984	\$	1.3752 per them
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Hedge Underground Storage Contract (Savings)/Loss Total Direct Cost of Gas Rate	\$ 12,510,219 117,533,374 3,568,556 <u>\$ (6,022,210)</u> \$ 127,589,939	\$ \$ \$	0.1348 per them 1.2668 per them 0.0385 per them (0.0649) per them 1.3752 per them
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) Indirect Cost of Gas TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)	\$ 5,082,758 92,780,984	\$ \$	0.0548 per therm
Calculation of FPO Excluding Low Income - Rate Code R-3 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO Risk Premium TOTAL PERIOD FIXED PRICE OP TION COST OF GAS RATE EFFECTIVE (11/01/22)		\$ \$ \$	1.4300 0.0200 1.4500
RESIDENTIAL FPO COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22	COGwr	\$	1.4500 /therm
<u>Calculation of FPO for Gas Assistance Program - Rate Code R-4</u> TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO (Line 13 * 0.55) FPO Risk Premium (Line 14 * 0.55) TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22) (Line 15 * 0.55)		\$ \$ \$	0.7865 0.0110 0.7975
RESIDENTIAL FPO COST OF GAS RATE - LOW INCOME - (R-4) 11/01/22	COGwr	\$	0.7975 /therm

DATED: February 7, 2023

EFFECTIVE: November 1, 2022

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, 2022 THROUGH APRIL 30, 2023 (Refer to Text in Section 17 Cost of Gas Clause)

(Col 1)				(Col 2)		(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/2022 - 04/30/2023) Direct Cost of Gas Rate			\$	127,589,939 92,780,984	\$	1.3752	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Hedge Contract (Savings) Total Direct Cost of Gas Rate			\$ <u>\$</u>	12,510,219 117,533,374 3,568,556 (6,022,210) 127,589,939	\$ \$ \$	1.2668 0.0385 (0.0649)	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/2022 - 04/30/2023) Indirect Cost of Gas			3 \$	5,082,758 92,780,984	5 S		per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22					\$	1.4300	per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/2	2		COC	Gwr	\$	1.4300	/therm
			Maximum (CO	G + 25%)	\$	1.7875	
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/2	22		COC	Gwr	\$	0.7865	/therm
			Maximum (CO	G + 25%)	\$	0.9831	
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22			COC	3wh	\$	1.4301	/therm
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22 Average Demand Cost of Gas Rate Effective 11/01/22 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$	0.1348 1.0005 1.0001 0.1349	COC Maximum (CO			1.4301 1.7876	/therm
Average Demand Cost of Gas Rate Effective 11/01/22 Times: High Winter Use Ratio (Winter) Times: Correction Factor		1.0005 1.0001					/therm
Average Demand Cost of Gas Rate Effective 11/01/22 Times: High 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 Hedge Contract (Savings)	\$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)		G + 25%)		1.7876	/therm /therm
Average Demand Cost of Gas Rate Effective 11/01/22 Times: High 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 Hedge Contract (Savings) Adjusted C&I High Winter Use Cost of Gas Rate	\$ \$ \$	1.0005 1.0001 0.1349 1.2668 0.0385 0.0548 (0.0649)	Maximum (CO	G + 25%) 3wl	\$	1.7876	

DATED: February 7, 2023

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

EFFECTIVE: November 1, 2022

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057

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

Anticipated Cost of Gas PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)

(Col 1)		(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS			
Purchased Gas:			
Demand Costs:	\$	11,510,320	
Supply Costs:		93,418,619	
Storage Gas:	\$	999.899	
Demand, Capacity: Commodity Costs:	3	11,469,453	
Produced Gas:		12,645,303	
Hedged Contract (Saving)/Loss Hedge Underground Storage Contract (Saving)/Loss		(6,022,210)	
Unadjusted Anticipated Cost of Gas		\$	124,021,383
Adju stments:			
Prior Period (Over)/Under Recovery (as of 05/01/22)	\$	5,378,797	
Interest Fuel Inventory Revenue Requirement		(283,633) 515,609	
Broker Revenues		(3,600)	
Refunds from Suppliers		-	
Fuel Financing		-	
Transportation CGA Revenues		(422,021)	
Interruptible Sales Margin Capacity Release and Off System Sales Margins		(1,676,512)	
Hedging Costs		-	
Fixed Price Option Administrative Costs		59,917	
Total Adjustments		_	3,568,556
Total Anticipated Direct Cost of Gas		\$	127,589,939
Anticipated Indirect Cost of G as Working Capital:			
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23 Working Capital Rate: Lead Lag Days / 365	\$	124,021,383 0.0705	
Prime Rate Working Capital Percentage		5.50% 0.388%	
Working Capital	\$	480,659	
Plus: Working Capital Reconciliation (Acct 142.20)		(30,998)	
Total Working Capital Allowance			449,661
Bad Debt:			
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23 Less: Refunds	\$	124,021,383	
Plus: Total Working Capital		449,661	
Plus: Prior Period (Over)/Under Recovery		5,378,797	
Subtotal	\$	129,849,841	
Bad Debt Percentage		0.86%	
Bad Debt Allowance	\$	1,118,204	
Plus: Bad Debt Reconciliation (Acct 175.52)		(170,566)	
Total Bad Debt Allowance		\$	947,639
Production and Storage Capacity		\$	3,685,458
Miscellaneous Overhead 11/01/202- 04/30/23	\$	-	
Times Winter Sales Divided by Total Sales		92,781	
Miscellaneous Overhead		116,430	_
Total Anticipated Indirect Cost of Gas		\$	5,082,758
Total Cost of Coo		~	100 070 007
Total Cost of G as		\$	132,672,697

DATED:	February 7, 2023	ISSUED BY:	/s/Neil Proudman
			Neil Proudman
EFFECTIVE: 1	November 1, 2022	TITLE:	President

33 CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE

PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:			
PROPANE	\$ 2,297,840		
LNG	10,347,463		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	12,645,303 <u>8.7%</u> \$ 1,100,141		
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	92,780,984 43,122,920 135,903,904	68.3% <u>31.7%</u> 100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7%	x \$ 1,100,141 =	\$ 349,080
PRIOR (OVER) OR UNDER COLLECTION			72,941
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 422,021
PROJECTED FIRM TRANSPORTATION THROUGHPUT			43,122,920
FIRM TRANSPORTATION COST OF GAS			\$ 0.0098

DATED: February 7, 2023

EFFECTIVE: November 1, 2022

34 ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS

Manufactured Gas Plants

Required Annual Environmental Increase	\$983,056
DG 19-145 Audit adjustment of \$1,024,167 amortized over 3 years, approved by Order	\$341,389
Recovery difference between actual and estimate (July 2021 - June 2022)	\$89,763
Environmental Subtotal	\$1,414,208
Overall Annual Net Increase to Rates	\$1,414,208
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2023 - sales and transportation	186,338,561 therms
MGP Surcharge per therm	<u>\$0.0076</u> per therm
Gasholder and pond at Gas Street, Concord, NH	
Required Annual Environmental Increase	\$69,514
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2023 - sales and transportation	186,338,561 therms
Gasholder and pond at Gas Street, Concord, NH Surcharge per therm	<u>\$0.0004</u> per therm
Total Environmental Surcharge (excludes Gas Holder per Order No. 26,692 dated September 29, 2022	\$0.0076 per therm

DATED: February 7, 2023

EFFECTIVE: November 1, 2022

NHPUC NO. 11 GAS LIBERTY UTILITIES

35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION

Prior Period Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of October 31, 2022	\$	129,039
Rate Case Expense DG 17-048	\$	(4,836)
Rate Case Expense DG 20-105	\$	680,768
Rate Case Expense to Recover as of August 31, 2022	\$	675,932
Projected Recoupment/Rate Case Expense Recovery	\$	804,971
Projected Interest	\$	17,048
Total Projected Recovery, November 1, 2022 – October 31, 2023	\$	822,018
Forecast Throughput (Therms)	18	36,338,561
RCE Factor (\$/Therm)		\$0.0044

DATED: February 7, 2023

EFFECTIVE: November 1, 2022

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

36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

	Local Delivery Adjustment Charge Calculation		Sales Customers	Tran sportatio Customers	n
	Residential Non Heating Rates - R-1		000000000	<u>ou ou moro</u>	
	Energy Efficiency Charge	0.0640			
	Demand Side Management Charge Conservation Charge (CCx)	0.0000	0.0640		
	Relief Holder and pond at Gas Street, Concord, NH	0.0000	0.0040		
	Manufactured Gas Plants	0.0076	_		
	Environmental Surcharge (ES)		0.0076		
	Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM)		0.0000 0.0124		
	Rate Case Expense Factor (RCEF)		0.0044		
	Gas Assistance Program (GAP)		0.0203		
	LDAC		0.1086	per therm	
	Residential Heating Rates - R-3, R-4, R-6, R-7				
	Energy Efficiency Charge	0.0640			
	Demand Side Management Charge Conservation Charge (CCx)	0.0000	0.0640		
	Relief Holder and pond at Gas Street, Concord, NH	0.0000	0.0040		
	Manufactured Gas Plants	0.0076			
	Environmental Surcharge (ES)		0.0076		
	Revenue Decoupling Adjustment Factor (RDAF)		0.0000		
	Property Tax Adjustment M echanism (PTAM) Rate Case Expense Factor (RCEF)		0.0124 0.0044		
	Gas Assistance Program (GAP)		0.0203		
	LDAC		0.1086	per therm	
	Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55	0.0406			
	Energy Efficiency Charge Demand Side Management Charge	0.0426			
	Conservation Charge (CCx)	0.0000	0.0426	0.0426	
	Relief Holder and pond at Gas Street, Concord, NH	0.0000			
	Manufactured Gas Plants	0.0076		0.0070	
	Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)		0.0076 0.0000	0.0076 0.0000	
	Property Tax Adjustment Mechanism (PTAM)		0.0000	0.0124	
	Rate Case Expense Factor (RCEF)		0.0044	0.0044	
	Gas Assistance Program (GAP)		0.0203	0.0203	-
	LDAC		0.0872	0.0872	per therm
	Commercial/Industrial Medium Annual lies Dates C 42 C 53 C 45 C 56				
	Commercial/Industrial Medium Annual Use Rates - G 42, G-52, G-45, G-56 Energy Efficiency Charge	0.0426			
	Demand Side Management Charge	0.0000	_		
	Conservation Charge (CCx)		0.0426	0.0426	
	Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0000 0.0076			
	Environmental Surcharge (ES)	0.0076	0.0076	0.0076	
	Revenue Decoupling A djustment Factor (RDAF)		0.0000	0.0000	
	Property Tax Adjustment Mechanism (PTAM)		0.0124	0.0124	
	Rate Case Expense Factor (RCEF)		0.0044	0.0044	
	Gas Assistance Program (GAP) LDAC		0.0203	0.0203	per the rm
				0.0012	per menn
	Commercial/Industrial Large Annual Use Rates - G 43, G-53, G-54, G 46, G-56, G-57, G-58				
	Energy Efficiency Charge	0.0426			
	Demand Side Management Charge	0.0000	_		
	Conservation Charge (CCx)	0.0000	0.0426	0.0426	
	Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0000 0.0076			
	Environmental Surcharge (ES)	0.0070	0.0076	0.0076	
	Revenue Decoupling A djustment Factor (RDAF)		0.0000	0.0000	
	Property Tax Adjustment M echanism (PTAM)		0.0124	0.0124	
	Rate Case Expense Factor (RCEF)		0.0044	0.0044	
	Gas Assistance Program (GAP) LDAC		0.0203	0.0203	per the rm
:	February 7, 2023	IS	SUED BY	7: <u>/s/Neil</u>	Proudman
					n 1

DATED:	February 7, 2023	ISSUED BY: /
EFFECTIVE:	November 1, 2022	TITLE:

 Image: Constraint of the second se

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057

2 ATTACHMENT B Schedule of Administrative Fees and Charges

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

DATED: February 7, 2023

EFFECTIVE: November 1, 2022

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

3 ATTACHMENT C Capacity Allocators

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual /High Winter Use	71.5%	17.4%	11.0%	100.0%
G-51	Low Annual /Low Winter Use	79.5%	12.6%	7.9%	100.0%
G-42	Medium Annual / High Winter	71.5%	17.4%	11.0%	100.0%
G-52	High Annual / Low Winter Use	79.5%	12.6%	7.9%	100.0%
G-43	High Annual / High Winter	71.5%	17.4%	11.0%	100.0%
G-53	High Annual / Load Factor < 90%	79.5%	12.6%	7.9%	100.0%
G-54	High Annual / Load Factor < 90%	79.5%	12.6%	7.9%	100.0%

CAPACITY ALLOCATORS

DATED: February 7, 2023

EFFECTIVE: November 1, 2022

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

TitleOriginalTOC iFirst RevisedTOC iiOriginalTOC iiiFirst RevisedTOC ivOriginal1ThirtiethThirty-first Revised2Second Revised3Twenty-eighth_ninth Revised4Twenty-sixth-seventh Revised5First_Second_Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original15Original	Page	Revision
TOC iiOriginalTOC iiiFirst RevisedTOC ivOriginal1ThirtiethThirty-first Revised2Second Revised3Twenty-eighth_ninth Revised4Twenty-sixth-seventh Revised5First-Second Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original	Title	Original
TOC iiiFirst RevisedTOC ivOriginal1ThirtiethThirty-first Revised2Second Revised3Twenty-eighth-ninth Revised4Twenty-sixth-seventh Revised5First-Second Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original	TOC i	First Revised
TOC ivOriginal1ThirtiethThirty-first Revised2Second Revised3Twenty-eighth_ninth Revised4Twenty-sixth_seventh Revised5First_Second_Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original	TOC ii	Original
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3Twenty-eighth-ninth Revised4Twenty-sixth-seventh Revised5First-Second Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original	2	
3Revised4Twenty-sixth-seventh Revised5First-Second_Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original		
4Revised5First Second Revised6Original7Original8Original9First Revised10Original11Original12Original13Original14Original	3	
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6Original7Original8Original9First Revised10Original11Original12Original13Original14Original		
7Original8Original9First Revised10Original11Original12Original13Original14Original		
8Original9First Revised10Original11Original12Original13Original14Original		
9First Revised10Original11Original12Original13Original14Original	7	Original
10Original11Original12Original13Original14Original	8	Original
11Original12Original13Original14Original	9	First Revised
12Original13Original14Original	10	Original
13Original14Original	11	Original
14 Original	12	Original
8	13	Original
15 Original	14	Original
	15	Original
16 Original	16	Original
17 Original	17	Original
18 Original	18	Original
19 Original	19	Original
20 Original	20	Original
21 Original	21	Original
22 Original	22	Original
23 Original	23	Original
24 Original	24	-
25 Original	25	-
26 Original	26	

DATED: September 27, 2022February 7, 2023

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

EFFECTIVE: October 1, 2022November 1, 2022

NHPUC NO. 11 GAS LIBERTY UTILITIES

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62	Original
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71	Second Revised
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74	Original
75	Second Revised
76	Original
77	Second Revised
78	Original
79	Second Revised
80	Original
81	Second Revised
82	Original
83	Second Revised
84	Original
85	Second Revised
86	Original
87	Fifteenth-Sixteenth Revised
88	Eighteenth Revised
89	Fifteenth Sixteenth Revised

DATED: September 27, 2022February 7, 2023

EFFECTIVE: October 1, 2022November 1, 2022

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99	SecondFirst Revised
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DATED: September 26, 2022February 7, 2023

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

EFFECTIVE: October 1, 2022November 1, 2022

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152	Original
153	First-Second Revised
154	First-Second Revised

DATED: November 19, 2021February 7, 2023

ISSUED BY: /s/Neil Proudman TITLE:

Neil Proudman President

EFFECTIVE: November 1, 2021 November 1, 2022

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

			FIRM I	II RATE	<u>SCHEDULES</u> (CLUDING KEI			
		s effective Novem	il 1, 2022 - April 30 ber 1, 2022 – April ter Period		F	Rates Effective M	ember 1, 2022 - Oct lay 1, 2023 – Octobe Summer Period	
		Cost of				Cost of		
	Delivery Charge	Gas Rate Page 95	LDAC Page 101	Total <u>Rate</u>	Deliver Charg		LDAC Page 101	Total <u>Rate</u>
Residential Non Heating - R-1 Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15	5.39		\$ 15.39
All Therms	\$ 0.5129 \$ 0.3844		\$0.1086 \$0.1318	\$ 2.0515 \$ 1.6909		129 \$ 1.0269 \$ 1.2295		\$ 1.6484 \$ 1.8742
Residential Heating - R-3								
Customer Charge per Month per Meter All Therms	\$ 15.39 \$ 0.6519	\$ 1.4300	\$ 0.1086	\$ 15.39 \$ 2.1905		5.39 519 \$ 1.0269	\$ 0.1086	\$ 15.39 \$ 1.7874
	\$ 0.5632		\$ 0.1000 \$ 0.1318	\$ <u>1.8697</u>	φ 0.0	\$ 1.0208 \$ 1.2298		\$ <u>2.0132</u>
Residential Heating - R-4	¢ 0.47			¢ 0.47	¢ 11	20		¢ 15.00
Customer Charge per Month per Meter All Therms	\$ 8.47 \$ 0.3585	\$ 0.7865	\$ 0.1086	\$ 8.47 \$ 1.2536		5.39 519 \$ 1.0269	\$ 0.1086	\$ 15.39 \$ 1.7874
	\$ 0.3098		\$ 0.1318	\$ 1.0877		\$ 1.2295		\$ 2.0132
Commercial/Industrial - G-41 Customer Charge per Month per Meter	\$ 57.06 \$ 63.30			\$ <u>57.06</u> \$63.30	\$ 63	3.30		\$ 63.30
Size of the first block	3 03.30 100 Therms			φ 05.50	20 the			φ 03.30
Therms in the first block per month at	\$ 0.5088		\$ 0.0872	\$ 2.0261	\$ 0.5	088 \$ 1.0271		\$ 1.6231
All therms over the first block per month at	\$ 0.4688 \$ 0.3550	φ	\$ <u>0.0991</u> \$0.0872	\$ <u>1.7428</u> \$1.8723	\$ 0.3	\$ <u>1.2303</u> 550 \$ 1.0271		\$ <u>1.8382</u> \$1.4693
All themis over the list block per month at	\$ 0.3350 \$ 0.3149		\$ 0.0872 \$ 0.0991	\$ 1.5725 \$ 1.5889	φ 0.5	\$ 1.0271 \$ 1.2303		\$ 1.4095 \$ 1.6844
Commercial/Industrial - G-42	\$ <u>171.19</u>			\$ <u>171.19</u>				
Customer Charge per Month per Meter Size of the first block	\$ 189.84 1000 therms			\$ 189.84	\$ 189 400 the	9.84		\$ 189.84
Therms in the first block per month at	\$ 0.4634	\$ 1.4301	\$ 0.0872	\$ 1.9807		634 \$ 1.0271	\$ 0.0872	\$ 1.5777
	\$ 0.4261		\$ 0.0991	\$ <u>1.7001</u>	• • •	\$ 1.2303		\$ 1.3294
All therms over the first block per month at	\$ 0.3212 \$ 0.2839		\$ 0.0872 \$ 0.0991	\$ 1.8385 \$ 1.5579	\$ 0.3	212 \$ 1.0271 \$ 1.2303		\$ 1.4355 \$ 1.3294
				* -704 -00				
Commercial/Industrial - G-43 Customer Charge per Month per Meter	\$ 734.69 \$ 811.98			\$ <u>734.69</u> \$811.98	\$ 81 ⁻	.98		\$ 811.98
All therms over the first block per month at	\$ 0.2863	\$ 1.4301	\$ 0.0872	\$ 1.8036		441 \$ 1.0271	\$ 0.0872	\$ 1.2584
	\$ 0.2620	\$ 1.1749	\$ <u>0.0991</u>	\$ 1.5360		\$ 1.2303	\$ 0.0991	\$ 1.4735
Commercial/Industrial - G-51 Customer Charge per Month per Meter	\$ 57.06 \$ 63.38			\$ <u>57.06</u> \$63.38	\$ 63	3.38		\$ 63.38
Size of the first block	100 therms				100 the	erms		
Therms in the first block per month at	\$ 0.3070		\$ 0.0872 \$ 0.0991		\$ 0.3	070 \$ 1.0266		\$ 1.4208 \$ 1.6345
All therms over the first block per month at	\$ 0.2819 \$ 0.2084	++=		\$ <u>1.5542</u> \$1.7252	\$ 0.2	\$ <u>1.2284</u> 084 \$1.0266		\$ 1.6345 \$ 1.3222
· ··· ·····	\$ 0.1833		\$ 0.0991	\$ 1.4556		\$ 1.2284		\$ 1.5359
Commercial/Industrial - G-52 Customer Charge per Month per Meter	\$ 171.19 \$ 189.57			\$ <u>171.19</u> \$189.57	\$ 189	0.57		\$ 189.57
Size of the first block	1000 therms			φ 109.57	1000 therr			φ 109.57
Therms in the first block per month at	\$ 0.2647	\$ 1.4296			\$ 0.1	978 \$ 1.0266		
All therms over the first block per month at	\$ 0.2428 \$ 0.1836	++=	\$0.0991 \$0.0872	\$ <u>1.5151</u> \$1.7004	\$ 0.1	\$ <u>1.2284</u> 219 \$1.0266		\$ <u>1.5230</u> \$1.2357
All themis over the list block per month at	\$ 0.1630 \$ 0.1617		\$ 0.0072 \$ 0.0991	\$ 1.4340	φ 0.1	\$ 1.0200 \$ 1.2284		\$ 1.4494
Commercial/Industrial - G-53	\$ 756.10			\$756.10				
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838	3.52		\$ 838.52
All therms over the first block per month at	\$ 0.1851		\$ 0.0872	\$ 1.7019		968 \$ 1.0266		\$ 1.2106
	\$ <u>0.1697</u>	\$ <u>1.1732</u>	\$ 0.0991	\$1.4420		\$ <u>1.228</u> 4	\$ 0.0991	\$ 1.4243
Commercial/Industrial - G-54	\$ 756.10			\$ 756.10				
Customer Charge per Month per Meter	\$ 839.19	¢ 4.4000	¢ 0.0070	\$ 839.19).19 400 ft 4.0000	¢ 0.0070	\$ 839.19
All therms over the first block per month at	\$ 0.0705 \$ 0.0648		\$ 0.0872 \$ 0.0991	\$ 1.5873 \$ 1.3371	\$ 0.0	409 \$ 1.0266 \$ 1.2284		\$ 1.1547 \$ 1.3684
						+		

DATED:September 15, 2022February 7, 2023

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

EFFECTIVE: September 1, 2022November 1, 2022

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 20-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057

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

				SCHEDULES EX				
	Rates effective March 1, 2022 - April 30, 2022 Rates effective November 1, 2022 - April 30, 2023 Winter Period					ective Septembe Effective May 1, Summe		
	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 \$0.6668 \$0.4997		\$0.1086 \$0.1318	\$20.01 \$2.2054 \$1.8062	\$ 20.0 ⁻ \$ 0.6668			\$ 20.01 \$ 1.8023 \$ 2.0281
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.0			\$ 20.01
Therms in the first block per month at	\$ 0.8475		\$ 0.1086	\$ 2.3861	\$ 0.8475			
Residential Heating - R-7	\$ <u>0.7322</u>	\$ 1.1747	\$0.1318	<u>\$2.0387</u> <u>\$</u>		\$ 1.2295	\$ <u>0.1318</u>	\$ 2.2088
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.0	1		\$ 20.01
Therms in the first block per month at	\$ 0.4661	\$ 0.7865	\$ 0.1086	÷	\$ 0.8475		\$ 0.1086	
	\$ <u>0.4027</u>	\$ 0.6461	\$ <u>0.1318</u>	\$ 1.1806		\$ 1.2295	\$ 0.1318	<u>\$ 2.2088</u>
Commercial/Industrial - G-44	\$ 74.18			\$ 74.18		_		
Customer Charge per Month per Meter	\$ 82.29			\$ 82.29	\$ 82.29			\$ 82.29
Size of the first block Therms in the first block per month at	100 therms \$ 0.6614		\$ 0.0872	\$ 2.1787	20 therm \$ 0.6614		\$ 0.0872	\$ 1.7757
menns in the list block per month at	\$ 0.0014 \$ 0.6094	\$ 1.4301 \$ 1.1749	\$ 0.0991		φ 0.001-	\$ 1.0271 \$ 1.2303		
All therms over the first block per month at	\$ 0.4614		\$ 0.0872		\$ 0.4614			
	\$ 0.4094	\$ 1.1749	\$ 0.0991	\$ 1.6834		\$ 1.2303	\$ 0.0991	\$ 1.7908
Commercial/Industrial - G-45	\$ <u>222.55</u>			\$ 222.55				
Customer Charge per Month per Meter	\$ 246.78			\$ 246.78	\$ 246.78			\$ 246.78
Size of the first block Therms in the first block per month at	1000 therms \$ 0.6023		\$ 0.0872	\$ 2.1196	400 therm \$ 0.6023		\$ 0.0872	\$ 1.7166
Therms in the lifst block per month at	\$ 0.6023 \$ 0.5539	\$ 1.4301 \$ <u>1.1749</u>	\$ 0.0872 \$ 0.0991	\$ 2.1196 \$ <u>1.8279</u>	φ 0.602.	5 5 1.0271 \$ 1.2303		
All therms over the first block per month at	\$ 0.4175	\$ 1.4301	\$ 0.0872		\$ 0.4175			
·········	\$ 0.3691		\$ 0.0991		• • • • • • • • • • • • • • • • • • • •	\$ 1.2303		
Commercial/Industrial - G-46	\$			\$ 955.10				
Customer Charge per Month per Meter	\$ 1,055.58			\$ 1,055.58	\$ 1,055.58	В		\$ 1,055.58
All therms over the first block per month at	\$ 0.3722		\$ 0.0872		\$ 0.1873			
	\$ 0.3406	\$ <u>1.1749</u>	\$ <u>0.0991</u>	<u>\$ 1.6146</u>		\$ <u>1.2303</u>	\$ 0.0991	\$ 1.5167
Commercial/Industrial - G-55	\$ 74.18 \$ 82.39			\$ 74.18 \$ 82.20	\$ 82.39	2		¢ 00.00
Customer Charge per Month per Meter Size of the first block	\$ 82.39 100 therms			\$ 82.39	\$ 82.38 100 therm			\$ 82.39
Therms in the first block per month at	\$ 0.3992		\$ 0.0872	\$ 1.9160	\$ 0.3992		\$ 0.0872	\$ 1.5130
	\$ 0.3665	\$ 1.1732	\$ 0.0991		¢ 0.000	\$ 1.2284		
All therms over the first block per month at	\$ 0.2387	\$ 1.4296	\$ 0.0872	\$ 1.7555	\$ 0.2387	7 \$ 1.0266	\$ 0.0872	\$ 1.3525
	\$ <u>0.2383</u>	\$ <u>1.1732</u>	\$ <u>0.0991</u>		\$ <u>0.271</u>	\$ 1.2284	\$0.0991	\$ <u>1.5985</u>
Commercial/Industrial - G-56	\$ 222.55			\$ 222.55	• • • • • •	_		• • • • • •
Customer Charge per Month per Meter Size of the first block	\$ 246.43 1000 therms			\$ 246.43	\$ 246.43 1000 therm			\$ 246.43
Therms in the first block per month at	\$ 0.3442		\$ 0.0872	\$ 1.8610	\$ 0.2572		\$ 0.0872	\$ 1.3710
menna in the list block per month at	\$ 0.3442 \$ 0.3157	\$ 1.4230 \$ 1.1732	\$ 0.0072 \$ 0.0991		φ 0.2572	\$ 1.0200 \$ 1.2284		
All therms over the first block per month at	\$ 0.2387		\$ 0.0872		\$ 0.158			
	\$ <u>0.2102</u>	\$ <u>1.1732</u>	\$0.0991	\$ 1.4825		\$ <u>1.228</u> 4	\$ 0.0991	\$1.4860
Commonsiel/Industrial C 57	\$ <u>982.93</u>			\$ 982.93				
Commercial/Industrial - G-57 Customer Charge per Month per Meter	\$ <u>982.93</u> \$1.090.08			\$ 982.93 \$ 1.090.08	\$ 1.090.08	8		\$ 1.090.08
All therms over the first block per month at	\$ 0.2407	\$ 1.4296	\$ 0.0872	\$ 1,090.08 \$ 1.7575	\$ 0.1259		\$ 0.0872	, ,
	\$ 0.2207		\$ <u>0.0991</u>	\$ 1.4930		\$ <u>1.2284</u>		
Commercial/Industrial - G-58	\$ 982.93			\$ 982.93				
Customer Charge per Month per Meter	\$ 1,090.95			\$ 1,090.95	\$ 1,090.9	5		\$ 1,090.95
All therms over the first block per month at	\$ 0.0916				\$ 0.053			
	\$ <u>0.0842</u>	\$ 1.1732	\$ <u>0.0991</u>	\$ 1.3565		\$ 1.2284	\$ 0.0991	\$ <u>1.3806</u>

DATED:September 15, 2022February 7, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: September 1, 2022November 1, 2022

TITLE: President

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057 Authorized by NHPUC Order No. 26,676 dated August 31, 2022, in Docket No. DG 22-028

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

Anticipated Cost of Gas

		B 24 2022		
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2022 TH PERIOD COVERED: SUMMER PERIOD, MAY 1, 2023 TH				
(REFER TO TEXT ON IN SECTION 16 COST				
(Col 1)	(Col 2)	(Col-3)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS	. ,	. ,	. ,	. ,
Purchased Gas:	A A A A A A A A A A			
Demand Costs: Supply Costs:	\$ 3,276,842 		\$ 3,233,514 \$ 9,171,762	
oupply obsis.	0,071,470		φ 3,171,702	
Storage Gas:			•	
Demand, Capacity: Commodity Costs:		_	\$- \$-	
Commodity Costs.				
Produced Gas:	82,504		\$ 152,643	
Hedged Contract Savings			\$-	
nougou contract ournigs			Ŷ	
		•		
Unadjusted Anticipated Cost of Gas		\$ 10,330,821		\$ 12,557,918
Adjustmente				
Adjustments: Prior Period (Over)/Under Recovery as of September 1, 2021 September 01, 2022	\$ 4,472,186		\$ 10,637,079	
Interest	222,837		\$ 457,126	
Prior Period Adjustments			\$ -	
Broker Revenues			\$ -	
Refunds from Suppliers			\$-	
Fuel Financing Transportation CGA Revenues	-		\$- \$-	
Interruptible Sales Margin			\$- \$-	
Capacity Release and Off System Sales Margin			\$-	
Hedging Costs			\$ -	
Fixed Price Option Administrative Costs		4 005 000	\$ -	¢ 44 004 005
Total Adjustments		4,695,023		\$ 11,094,205
Total Anticipated Direct Cost of Gas		\$ 15,025,844		\$ 23,652,124
Anticipated Indirect Cost of Gas				
Working Capital: Total anticipated Direct Cost of Gas (05/01/22 - 10/31/22)(05/01/23 - 10/31/23)	\$ 10,330,821		\$ 12,557,918	
Working Capital Rate	0.0023		0.0705	
Prime Rate	3.25%		5.50%	
Working Capital Percentage	<u>0.007%</u>		0.388%	
Working Capital	769		\$ 48,670	
Plus: Working Capital Reconciliation (Acct 142.20) (Acct 1163-1424)			\$ 47,458	
Total Working Capital Allowance		\$ 5,324		\$ 96,127
Bad Debt:	¢ 40 000 004		¢ 10 557 010	
Total anticipated Direct Cost of Gas (05/01/22 - 10/31/22)(05/01/23 - 10/31/23) Less: Refunds	\$ 10,330,821 -		\$ 12,557,918 \$-	
Plus: Total Working Capital			\$ 96,127	
Plus: Prior Period (Over)/Under Recovery	4,472,186		\$ 10,637,079	
Subtotal	\$ 14,808,331		\$ 23,291,125	
Bad Debt Percentage	0.70%		0.86%	
Bad Debt Allowance	\$ 103,658		\$ 200,572	
Plus: Bad Debt Reconciliation (Acct 175.52) (Acct 1163-1754)	23,159		\$ 337,560	
Total Bad Debt Allowance		126,817		\$ 538,132
Draduation and Starona Conneity				¢
Production and Storage Capacity				\$ -
Miscellaneous Overhead (05/01/22 - 10/31/22) (05/01/23 - 10/31/23)	\$		\$ -	
Times Summer Winter Sales Divided by Total Sales			\$ 23,649 \$ 116,430	
Miscellaneous Overhead	115,043		\$ 116,430	\$-
Total Anticipated Indirect Cost of Gas		\$ 132,141		\$ 634,259
Total Cost of Gas		\$ 15,157,985	ı.	\$ 24,286,383
DATED Neverther 10, 2021E-Laner, 7, 2022	IGOT		NL:1D 1	
DATED: November 19, 2021 February 7, 2023	1880.		Neil Proudm	
			Neil Proudm	ian
EFFECTIVE: November 1, 2021 November 1, 2022		TITLE:	President	

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

	CALCULATION OF SUMMER PERIOD, M SUMMER PERIOD, M (Refer to Text in Se	MAY 1, 2022 THE MAY 1, 2023 THE	ROUGH OC	TOBER 31, 202 TOBER 31, 202		
(Col 1)		(Col 2)	(Col-3)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23) June 202 Direct Cost of Gas Rate	22 - October 2022	\$ 25,261,581 — 18,091,280	\$ 1.3963	\$23,652,124 \$23,648,905	\$ 1.0001	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Less May 2022 Costs		\$ <u>3,276,842</u> - <u>14,109,203</u> - <u>7,875,536</u> - <u>(3,573,233)</u>	\$ 0.7799 \$ 0.4353	\$ 9,324,405 \$11,094,205	\$ 0.3943	per therm per therm per therm
Total Direct Cost of Gas Rate		\$21,688,348	<u>\$ 1.1988</u>	\$23,652,124	\$ 1.0001	per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23) June 20 Indirect Cost of Gas	22 - October 2022	\$ <u>555,868</u> <u>18,091,280</u>	\$ 0.0307	\$ 634,259 23,648,905	\$ 0.0268	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIV			\$ <u>1.2295</u>		\$ 	per Therm
RESIDENTIAL COST OF GAS RATE - 05/01/2023 06/0 Change from May 2022 rate due to change in under		COGsr	\$ 0.5587 \$ (0.1397)		\$ 1.0269	/therm
RESIDENTIAL COST OF GAS RATE - 06/01/2022	lover recovery	COGsr	\$ 0.5587			/therm
RESIDENTIAL COST OF GAS RATE - 08/01/2022		COGsr	\$ 1.2295			/therm
	Maximur	n (COG + 25%)	\$ 1.2295	(COG + 25%)	\$ 1.2836	per therm
COM/IND HIGH WINTER USE COST OF GAS RATE -	05/01/2023 06/01/2022	COGsh	\$ 1.2303	COGsh	\$ 1.0271	/therm
Change in rate due to change in under/over recover			\$ 0.1395			
COM/IND HIGH WINTER USE COST OF GAS RATE	06/01/2022	COGsh	\$ 0.6975			/therm
COM/IND HIGH WINTER USE COST OF GAS RATE	08/01/2022	COGsl	\$ 1.2284			/therm
	Maximur	n (COG + 25%)	\$ 1.228 4			
	ost of Gas Rate Effective Use Ratio (Summer) Factor	,	\$ 0.1367	(COG + 25%)	\$ 1.2839	

COM/IND LOW WINTER	USE COST OF GAS RATE - 10/01/2023 06/01/2022	COGsl	\$ 0.5593	COGsl	\$	1.0266	/therm
Change in rate due to o	change in under/over recovery		\$ <u>0.1398</u>				
COM/IND LOW WINTER	USE COST OF GAS RATE - 06/01/2022	COGsr	\$ 0.6991				/therm
COM/IND LOW WINTER	USE COST OF GAS RATE - 08/01/2022	COGsl	\$ 1.2303				/therm
	Maximu	ım (COG + 25%)	\$ <u>1.2303</u>				
	Average Demand Cost of Gas Rate Effecti	ve 05/01/23	\$ 0.1367				
	'Times: Low Winter Use Ratio (Summer)		\$ 0.9971	(COG + 25%	5)\$	1.2833	
	Times: Correction Factor		\$ 1.0009				
	Adjusted Demand Cost of Gas Rate		\$ 0.1364				
	Commodity Cost of Gas Rate		\$ 0.3943				
	Adjustment Cost of Gas Rate		\$ 0.4691				
	Indirect Cost of Gas Rate		\$ 0.0268				
	Adjusted Com/Ind Low Winter Use Cost of	Gas Rate	\$ 1.0266				
): July 29, 2022<u>Febru</u>	ary 7, 2023		ISS	SUED BY	: /	s/Neil Pr	oudm
						Neil Pr	oudm
TIVE:August 1, 2022	2 <u>November 1, 2022</u>			TITLE	:	Preside	ent

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057 Authorized by NHPUC Order No. 26,649 dated July 15, 2022, in Docket No. DG 21-130

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 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 94,810,891		\$ 127,589,939	
Projected Prorated Sales (11/01/22 - 04/30/23)			92,780,984	
Direct Cost of Gas Rate		\$1.0843		\$ 1.3752 per therm
Demand Cost of Gas Rate	\$ 13,868,897	\$0.1586	\$ 12,510,219	\$ 0.1348 per therm
Commodity Cost of Gas Rate	<u> </u>	\$ <u>0.9238</u>	117,533,374	
Adjustment Cost of Gas Rate		\$ <u>0.0018</u>	3,568,556	\$ 0.0385 per therm
Hedge Underground Storage Contract (Savings)/Loss	-	\$	<u>\$ (6,022,210</u>)	\$(0.0649) per therm
Total Direct Cost of Gas Rate	\$ 94,810,891	\$1.0843	\$127,589,939	\$ 1.3752 per therm
Total Anticipated Indirect Cost of Gas	\$ <u>4,338,002</u>		\$ 5,082,758	
Projected Prorated Sales (11/01/22 - 04/30/23)	<u> </u>		92,780,984	
Indirect Cost of Gas		<u>\$ 0.0496</u>		\$ 0.0548 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)		<u>\$ 1.1339</u>		\$ 1.4300
Calculation of FPO Excluding Low Income - Rate Code R-3				
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22)		\$ 1.1339		\$ 1.4300
FPO Risk Premium		\$ 0.0200		\$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22)		\$ <u>1.1539</u>		\$ 1.4500
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22		\$ 1 1530	COGwr	\$ 1.4500 /therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/22		<u>φ 1.1008</u>	COGWI	φ 1.4500 /themi
Colouistion of EDO for Con Assistance Brogram, Boto Code B 4				
Calculation of FPO for Gas Assistance Program - Rate Code R-4 TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/22) FPO (Line 13 * 0.55)		\$0.6236		\$ 0.7865
FPO Risk Premium (Line 14 * 0.55)		\$ 0.0230 \$ 0.0110		\$ 0.0110
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/22) (Line 15 *	0.55)	\$ 0.6346		\$ 0.7975
RESIDENTIAL COST OF GAS RATE - LOW INCOME - (R-4) 11/01/22		\$ 0.6346	COGwr	\$ 0.7975 /therm
		φ 0.00+0		• •• · · · · · · · · · · · · · · · ·

DATED:November 19, 2021February 7, 2023

EFFECTIVE: November 1, 2021 November 1, 2022

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 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to Text in Section 17 Cost of Gas Clause) (Col 2) (Col 1) (Col 3) (Col 2) (Col 3) s s Total Anticipated Direct Cost of Gas 8 94.810.891 127.589.939 Projected Prorated Sales (11/01/21 - 04/30/22) (11/01/20 - 04/30/21) 87,443,741 92,780,984 Direct Cost of Gas Rate 1 09/2 \$ 1,3752 per them Demand Cost of Gas Rate \$ 12 000 007 0 1500 \$ 12,510,219 \$ 117.533.374 \$ 0.1348 Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Hedge Contract (Savings) 1 2668 117,533,374 \$ 3,568,556 \$ (6,022,210) \$ 127,589,939 \$ 0.0385 (0.0649) 1.3752 Total Direct Cost of Gas Rate Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/21 - 04/30/22) (11/01/21 - 04/30/22) Indirect Cost of Gas \$ 5,082,758 92,780,984 \$<u>4,338,002</u> <u>87,443,741</u> \$ 0.0548 per therm \$ 1.1339 \$ 1.4300 per therm TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/22 11/01/21 RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/22 11/01/24 COGwr 1.1339 COGwr s 1.4300 /therm \$ (0.1166 \$ 1.0173 Change in rate due to change in under/over recovery RESIDENTIAL_COST_OF_GAS_RATE - 12/01/2021 /therm COGs \$ (0.2927 Change in Rate due to change in under/over recovery RESIDENTIAL COST OF GAS RATE - 01/01/202 /therm COGwr \$ 0.7246 \$ (0.1290) Change in Rate due to change in under/over RESIDENTIAL COST OF GAS RATE - 2/1/202 COGwr /therm 6 0.5956 6 0.1787 Change In Rate due to change in under/over receivery RESIDENTIAL COST OF GAS RATE -3/1/2022 Change In Rate due to change in under/over receivery RESIDENTIAL COST OF GAS RATE - 4/1/2022 COGwr \$ 0.7743 \$ 0.4004 \$ 1.1747 /therm /therm Maximum (COG + 25%) \$ 1.4174 \$ 1.7875 GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 & R-7 - 11/01/22 11/01/21 COGwr \$ 0.7865 /therm \$ 0.6236 COGwr recovery /therm RESIDENTIAL COST OF GAS RATE - 12/01/2021 COGsr \$ 0.5595 er recovery \$ (0.1610) Change In Kaw oue to mono RESIDENTIAL COST OF GAS RATE - 01/01/2021 COGwr /therm \$ 0.3986 r recovery \$ (0.0710) /the rm RESIDENTIAL COST OF GAS RATE - 2/1/2022 COGw \$ 0.3276 Change in Rate due to change in under/over recovery \$_0.0983 /the rm RESIDENTIAL COST OF GAS RATE - 3/1/2022 COGwr \$ 0.4259 \$ 0.2202 r recovery RESIDENTIAL COST OF GAS RATE - 4/1/2022 COGwr \$ 0.6461 /therm Maximum (COG + 25%) s 0.7796 \$ 0.9831 C&I HIGH WINTER USE COST OF GAS RATE - 11/01/22 11/01/21 Change in rate due to change in under/over recovery C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2021 \$ 1.1341 COGwh \$ (0.1166) \$ 1.4301 /therm COGwh COGsh /therm Change in Rate due to change in under/over recovery C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2022 COGw /therm ange in Rate due to change in under/over recovery \$ (0.1290) Change in Rate due to change in under/over recovery C&I HIGH WINTER USE COST OF GAS RATE ~ 2/01/2022 /therm COGwh \$ 0.5958 \$ 0.1787 \$ 0.7745 Change in Rate due to change in under/over recovery C&I HIGH WINTER USE COST OF GAS RATE - 3/01/2022 COGwh /therm nge in Rate due to change in under/over recovery \$ 0.4004 COGwh C&I HIGH WINTER USE COST OF GAS RATE - 4/01/2022 \$ 1.1749 /therm Average Demand Cost of Gas Rate Effective 11/01/22 +1/01/24 \$ 0.1348 Maximum (COG + 25%) Times: High Winter Use Ratio (Winter) -1.0017 1.0005 8 1.4176 \$ 1.7876 Times: Correction Factor Adjusted Demand Cost of Gas Rate 1.0001 \$ 0.1589 \$ 1.0001 Commodity Cost of Gas Rate 0.0238 S 1.2668 Minimum Adjustment Cost of Gas Rate Indirect Cost of Gas Rate 0.0018 0.0385 Maximum 0.0496 0.0549 Hedge Contract (Savings) Adjusted C&I High Winter Use Cost of Gas Rate (0.0649) \$ 1.1341 \$ C&I LOW WINTER USE COST OF GAS RATE - 11/01/22 11/01/21 \$ 1.1324 COGwl \$ 1.4296 /therm COGwl Change in rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE 12/01/2021 Change in Rate due to change in under/over recovery \$ (0.1166) COGs \$ 1.1580 \$ (0.2927 * 0.7231 /therm Change in Rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 01/01/2022 COGel /therm Change in Rate due to change in under/over recovery C&I LOW WINTER USE COST OF GAS RATE - 2/01/2022 COGel /therm Change in R ate due to change in under/ove NTER USE COST OF GAS RATE /therm \$ 1.1732 C&I LOW WINTER USE COST OF GAS RATE - 4/01/2022 COGel /therm Average Demand Cost of Gas Rate Effective 1J/0J/20 11/01/21 \$____0.1586 \$ Times: Low Winter Use Ratio (Winter) ____00041 Times: Convoltion Factor _____00041 Adjusted Demand Cost of Gas Rate \$____0.4582 \$ 0.1348 Maximum (COG + 25%) \$ 1.4155 \$ 1.7870 0.007 0.9971 Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate 1.2668 0.0385 0.0238 \$ 0.0018 0.0548 (0.0649) Hedge Contract (Savings) Adjusted C&I Low Winter Use Cost of Gas Rate 1.1324 1.4296

DATED: March 24, 2022 February 7, 2023

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

EFFECTIVE: April 1, 2022 November 1, 2022

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057 Authorized by NHPUC Order Nos. 26,541 dated October 29, 2021, in Docket No. DG 21-130

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

Anticipated Cost of Gas PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2021 THROUGH APRIL 30, 2022 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)

(Col 1)	(Col 2)	(Col 3)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs: Supply Costs:	\$ <u>12,887,000</u> <u>72,351,034</u>		\$ 11,510,320 93,418,619	
Supply Costs.	72,001,004		95,410,019	
Storage Gas:				
Demand, Capacity: Commodity Costs:	\$ <u>981,898</u> <u></u>		\$ 999,899 11,469,453	
Produced Gas:	2,299,384		12,645,303	
Hedged Contract (Saving)/Loss			(6,022,210)	1
Hedge Underground Storage Contract (Saving)/Loss	<u> </u>			
Unadjusted Anticipated Cost of Gas		\$ <u>94,649,751</u>		\$ 124,021,383
Adjustments:				
Prior Period (Over)/Under Recovery (as of 05/01/22)	\$ 1,431,639		\$ 5,378,797	
Interest Fuel Inventory Revenue Requirement	44,085 335,667		\$ (283,633) \$ 515,609	
Broker Revenues	(3,600)		\$ (3,600)	
Refunds from Suppliers			\$ -	
Fuel Financing			\$ -	
Transportation CGA Revenues	(6,938)		\$ (422,021)	(
Interruptible Sales Margin Capacity Release and Off System Sales Margins	(1,676,512)		\$- \$(1,676,512)	
Hedging Costs	(1,070,512)		\$ (1,070,512) \$ -	
Fixed Price Option Administrative Costs			\$ 59,917	
Total Adjustments		161,141		3,568,556
Total Anticipated Direct Cost of Gas		\$94,810,891		\$ 127,589,939
Anticipated Indirect Cost of Gas				
Working Capital:				
Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23 Working Capital Rate: Lead Lag Days / 365	\$ <u>94,649,751</u> 0.0705		\$ 124,021,383 \$ 0.0705	
Prime Rate	3.25%		5.50%	1
Working Capital Percentage	<u>0.229%</u>		0.388%	
Working Capital	\$ 216,761		\$ 480,659	
Plus: Working Capital Reconciliation (Acct 142.20)	(14,859)		\$- \$(30,998)	
Total Working Capital Allowance	(14,005)	201.902	\$ (30,990)	449.661
		201,002		410,001
Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/22 - 04/30/23	\$ 94,649,751		\$ 124,021,383	
Less: Refunds	\$ 94,049,731		³ ^{124,021,303 ⁻}	
Plus: Total Working Capital	201,902		449,661	
Plus: Prior Period (Over)/Under Recovery	1,431,639		5,378,797	
Subtotal	\$ 96,283,291		\$ 129,849,841	
Bad Debt Percentage	<u>0.70%</u>		<u>0.86%</u>	2
Bad Debt Allowance	\$ <u>673,983</u>		\$ 1,118,204	
Plus: Bad Debt Reconciliation (Acct 175.52)	(223,340)		\$ (170,566)	
Total Bad Debt Allowance	-	\$ 450,643		\$ 947,639
Production and Storage Capacity		\$ 3,685,458		\$ 3,685,458
	•		^	
Miscellaneous Overhead 11/01/202- 04/30/23 Times Winter Sales	\$91,677		\$- \$92,781	
Divided by Total Sales	115,043		\$ <u>92,781</u> \$ <u>116,430</u>	
Miscellaneous Overhead				
Total Anticipated Indirect Cost of Gas		\$ 4,338,002		\$ 5,082,758
Total Cost of Gas		\$ 99,148,894	-	\$ 132,672,697

DATED:November 19, 2021February 7, 2023

ISSUED BY: /s/Neil Proudman

TITLE: President

EFFECTIVE: November 1, 2021 November 1, 2022

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 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2022 THROUGH APRIL 30, 2023 (Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 2)	(Col 3)		(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:							
PROPANE	\$ 920,459			\$ 2,297,840			
LNG	<u>\$ 1,378,925</u>			10,347,463			
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>2,299,384</u> <u>8.7%</u> \$ <u>200,046</u>			12,645,303 <u>8.7%</u> \$ 1,100,141			
PROJECTED FIRM THROUGHPUT (THERMS): 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%		92,780,984 43,122,920 135,903,904	68.3% <u>31.7%</u> 100.0%		
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	31.7% ×	200,046 =	\$ 63,449	31.7% x	\$1,100,141	= \$	349,080
PRIOR (OVER) OR UNDER COLLECTION			(56,511)				72,941
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMER	S		\$ 6,938			\$	422,021
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,583,790				43,122,920
FIRM TRANSPORTATION COST OF GAS			<u>\$ 0.0002</u>			\$	0.0098

DATED:November 19, 2021February 7, 2023

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

EFFECTIVE: November 1, 2021 November 1, 2022

34 ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS

Manufactured Gas Plants

Required Annual Environmental Increase	\$2,351,805	\$983,056
DG 19-145 Audit adjustment of \$1,024,167 amortized over 3 years, approved by Order No. 26,419 in Docket No. DG 20-141 Second one third of prior period under recoveries (though June 2019)	\$ <u>341,389</u>	\$341,389
July 2020 – Jun 2021 Recovery difference between actual and estimate (July 2021 - June 2022)	\$ 139,028	\$89,763
Environmental Subtotal	\$2,832,222	\$1,414,208
Overall Annual Net Increase to Rates	\$2,832,222	\$1,414,208
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2023-10/31/2022 - sales and transportation	<u> </u>	186,338,561 therms
MGP Surcharge per therm	<u>\$ 0.0155</u>	<u>\$0.0076</u> per therm
Gasholder and pond at Gas Street, Concord, NH		
Required Annual Environmental Increase		\$69,514
Estimated weather normalized firm therms billed for the twelve months ended 10/31/2023-10/31/2022 - sales and transportation		186,338,561 therms
Gasholder and pond at Gas Street, Concord, NH Surcharge per therm		<u>\$0.0004</u> per therm
Total Environmental Surcharge (excludes Gas Holder per Order No. 26,692 dated September 29), 2022)	<u>\$0.0076</u> per therm

DATED:November 19, 2021February 7, 2023

EFFECTIVE: November 1, 2021 November 1, 2022

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	(\$26,000)
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	<u>\$1,900,000</u>
11	Total Recoupment	\$1,331,220
12		
13	Beginning Balance	\$1,331,220
14		
15	Estimated Remaining Expenses	98
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		284501.0.0 • 00 002014100 • 000002001
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
Prior P	eriod Recoupment/Rate Case Exp. (Over)/Under Collection, incl interest as of Oct. 3	1, 2022 \$ 129,039
		1,2022 0120,000
	ase Expense DG 17-048	\$ (4,836)
	ase Expense DG 20-105 ase Expense to Recover as of August 31, 2022	<u>\$ 680,768</u> \$ 675,932
	ed Recoupment/Rate Case Expense Recovery ed Interest	<u>\$ 804,971</u> \$ 17,048
	rojected Recovery, November 1, 2022–October 31, 2023	\$ 17,048 \$ 822,018
Foreca	st Throughput (Therms)	186,338,561
RCE F	actor (\$/Therm)	\$0.0044

DATED:November 19, 2021February 7, 2023

EFFECTIVE: November 1, 2021 November 1, 2022

36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

Residential Non Heating Rates - R-1 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	<u>. 0.0155</u>		0.0640 0.0000 0.0000 0.0076	0.0640 - 0.0076 0.0000 0.0124		
Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	<u> </u>	<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>	0.0000	0.0076 0.0000 0.0124		
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	<u> </u>	<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>	0.0000	0.0076 0.0000 0.0124		
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	<u> </u>	<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>		0.0076 0.0000 0.0124		
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	<u> </u>	<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>		0.0076 0.0000 0.0124		
Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	<u> </u>	<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>		0.0000 0.0124		
Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>	0.0078	0.0000 0.0124		
Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		<u>0.0152</u> <u>0.0142</u> <u>0.0074</u> <u>0.0156</u>		0.0000 0.0124		
Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants				0.0124		
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		<u>0.0074</u> 0.0156				
Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants						
Gas Assistance Program (GAP) LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants				0.0044		
LDAC Residential Heating Rates - R-3, R-4, R-6, R-7 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants				0.0203		
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants				0.1086	per therm	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants						
Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants			0.0640			
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants						
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		_	0.0000	_		
Manufactured Gas Plants		_		0.0640		
Manufactured Gas Plants			0.0000			
			0.0076			
	0.0100		0.0076			
Environmental Surcharge (ES)		<u> </u>		0.0076		
Revenue Decoupling Adjustment Factor (RDAF)		<u> </u>		0.0000		
Property Tax Adjustment Mechanism (PTAM)		0.0142		0.0124		
				0.0044		
Rate Case Expense Factor (RCEF)						
Gas Assistance Program (GAP)		0.0156		0.0203		
LDAC	-	0.1318		0.1086	per therm	
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44,	G-55		0.0426			
Energy Efficiency Charge			0.0426			
Demand Side Management Charge		-	0.0000	_		
Conservation Charge (CCx)				0.0426	0.0426	
Relief Holder and pond at Gas Street, Concord, NH			0.0000			
Manufactured Gas Plants						
		· –	0.0076			
Environmental Surcharge (ES)		<u> </u>		0.0076	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)		<u> </u>		0.0000	0.0000	
Property Tax Adjustment Mechanism (PTAM)		0.0142		0.0124	0.0124	
Rate Case Expense Factor (RCEF)		<u> </u>		0.0044	0.0044	
Gas Assistance Program (GAP)	-	0.0156		0.0203	0.0203	_
LDAC		0.0991		0.0872	0.0872	per t
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx)	-45, G-56	-	0.0426 0.0000	0.0426	0.0426	
Relief Holder and pond at Gas Street, Concord, NH			0.0000			
Manufactured Gas Plants	0.0155		0.0076			
	0.0100	0.0455	0.0070	- 0.0070	0.0070	
Environmental Surcharge (ES)		<u> </u>		0.0076	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)				0.0000	0.0000	
Property Tax Adjustment Mechanism (PTAM)		<u>-0.0142</u>		0.0124	0.0124	
Rate Case Expense Factor (RCEF)		0.0074		0.0044	0.0044	
Gas Assistance Program (GAP)						
o ()		0.0156		0.0203	0.0203	-
LDAC		0.0991		0.0872	0.0872	per t
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-5-	4, G-46, G-56,	G-57, G-58	0.0426			
Energy Efficiency Charge			0.0426			
Demand Side Management Charge		_	0.0000			
Conservation Charge (CCx)				0.0426	0.0426	
Relief Holder and pond at Gas Street, Concord, NH			0.0000			
Manufactured Gas Plants	0.0155		0.0076			
	0.0100	0.0455	0.0010	- 0.0070	0.0070	
Environmental Surcharge (ES)		0.0155		0.0076	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)		<u> </u>		0.0000	0.0000	
				0.0124	0.0124	
Property Tax Adjustment Mechanism (PTAM)		0.0074		0.0044	0.0044	
Rate Case Expense Factor (RCEF)				0.0203	0.0203	_
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)		0.0156				per t
Rate Case Expense Factor (RCEF)		<u> </u>		0.0872	0.0872	
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)			IS		7: <u>/s/Neil</u>	
Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC			IS	0.0872	7: <u>/s/Neil</u>	Proue Proue

Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057 Authorized by NHPUC Order No. 26,611 dated April 15, 2022, in Docket No. DG 20-105

2 ATTACHMENT B Schedule of Administrative Fees and Charges

Schedule of Administrative Fees and Charges

l.	Supplier Balancing Charge:	\$ 0.18 \$	0.21	per MMBtu of Daily Imbalance Volumes")
II.	Capacity Mitigation Fee	15%	15%	of the Proceeds from the Marketing of Capacity for Mitigation.
III.	Peaking Demand Charge	\$ 	56.69	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	<u>-165,859,380</u> -163,831,092	,,	Total Sendout - Therms Jul-2021 - Jun-2022 Total Throughput - Therms Jul-2021 - Jun-2022
Company Allowance Percentage 2022-23 2021-22		<u>-2,028,288</u> <u>1.2%</u>	4,251,137	Variance (Sendout - Throughput) Variance / Total Sendout

DATED: November 19, 2021 February 7, 2023

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

EFFECTIVE: November 1, 2021 November 1, 2022

3 ATTACHMENT C Capacity Allocators

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
		69.1%	16.8%	14.1%	
G-41	Low Annual /High Winter Use	71.5%	17.4%	11.0%	100.0%
		76.2%	12.9%	10.9%	
G-51	Low Annual /Low Winter Use	79.5%	12.6%	7.9%	100.0%
		69.1%	16.8%	14.1%	
G-42	Medium Annual / High Winter	71.5%	17.4%	11.0%	100.0%
		76.2%	12.9%	10.9%	
G-52	High Annual / Low Winter Use	79.5%	12.6%	7.9%	100.0%
		69.1%	16.8%	14.1%	
G-43	High Annual / High Winter	71.5%	17.4%	11.0%	100.0%
		76.2%	12.9%	10.9%	
G-53	High Annual / Load Factor < 90%	79.5%	12.6%	7.9%	100.0%
		76.2%	12.9%	10.9%	
G-54	High Annual / Load Factor > 90%	79.5%	12.6%	7.9%	100.0%

DATED: November 19, 2021 February 7, 2023

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

EFFECTIVE: November 1, 2021 November 1, 2022