Northern Utilities, Inc.

New Hampshire Division

2022 / 2023 WINTER & SUMMER SEASON PROPOSED COST OF GAS ADJUSTMENT

WINTER RATES TO BE EFFECTIVE NOVEMBER 1, 2022

SUMMER RATES TO BE EFFECTIVE MAY 1, 2023

FILED SEPTEMBER 16, 2022

Northern Utilities, Inc. New Hampshire Division 2022 / 2023 Annual Cost of Gas Filing Winter and Summer Periods

Tariff Sheets

Fifth Revised Page No. 40 Calculation of proposed Cost of Gas Adjustment Winter Season

Fifth Revised Page No. 41 Calculation of proposed Cost of Gas Adjustment Summer Season

Twelfth Revised Page No. 42 Calculation of proposed Cost of Gas Adjustment Winter Season

Fifteenth Revised Page No. 43 Calculation of proposed Cost of Gas Adjustment Summer Season

> Ninth Revised Page No. 62 LDAC Rates

Sixteenth & Seventeenth Revised Page No. 86 Rate Summary (Summer Season) Residential Rate Classes

Fifteenth & Sixteenth Revised Page No. 88 Rate Summary (Summer Season) Commercial / Industrial Rate Classes Northern Utilities, Inc. New Hampshire Division 2022 / 2023 Annual Cost of Gas Filing Winter and Summer Periods

> Sixth Revised Page No. 141 Appendix A Supplier Balancing Charge & Peaking Service Demand Charge

Fifth Revised Page No. 156 Appendix C Capacity Allocators

Fifth Revised Page No. 158 Appendix D Re-entry Rate & Conversion Rate

Pages	Revision	Proposed
Title	Original	
i	Original	
ii	Original	
iii	Original	
iv	Original	
V	Original	
vi	First Revised	
1	Original	
2	Original	
3	Original	
4 5	Original Second Revised	
6	Original	
7	Original	
8	Original	
9	Original	
10	Second Revised	
11	Original	
12	Original	
13	Original	
14	Original	
15	Original	
16	Original	
17	Original	
18	Original	
19	Original	
20	Original	
21	Original	
22 23	Second Revised	
23	Original Original	
25	Original	
26	Original	
27	Original	
28	Original	
29	Original	
30	Original	
31	Original	
32	Original	
33	Original	
34	Original	
35	Original	
36 37	Original Original	
38	Original	
39	Original	
40	Original	
38	Original	
39	Original	
40	Fourth Revised	Fifth Revised

Pages	Revision	Proposed
41 42 43 44 45 46 46A 47 48 49 50 51 52 53 54 55 56 57 58 59 60 60 60A 60B 61 61A 61B	Fourth Revised Eleventh Revised Fourteenth Revised Fourth Revised Fourth Revised Second Revised First Revised Original Original Original Original Original Second Revised Second Revised Second Revised First Revised	Fifth Revised Twelfth Revised Fifteenth Revised
62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85	Eighth Revised Fifth Revised Fifth Revised Fourth Revised Original Fifth Revised Original Second Revised Original Second Revised Original Sixth Revised	Ninth Revised

<u>Pages</u>	Revision	Proposed
86	Fifteenth Revised	16th & 17th Revised
87	Tenth Revised	
88	Fourteenth Revised	15th & 16 th Revised
89	Original	
90	Original	
91	Original	
92	Original	
93	Original	
94	Original	
95	Original	
96	Original	
97	Original	
98	Original	
99	Second Revised	
100	Original	
100A	Original	
101	Original	
102	Original	
103	Original	
104	Original	
105	Original	
106	Original	
107	Original	
108	Original	
109 110	Original	
111	Original Original	
112	Original	
113	Original	
114	Original	
115	Original	
116	Original	
117	Original	
118	Original	
119	Original	
120	Original	
121	Original	
122	Original	
123	Original	
123	Original	
124	First Revised	
125	Original	
126	Original	
127	Original	
128	Original	
129 130	Original	
131	Original Original	
131	Original	
133	Original	
	Chighian	

Pages	Revision	Proposed
134 135 136 137	Original Original Original Original	
137	Original	
139	Original	
140	Original	
141	Fifth Revised	Sixth Revised
142	Original	
143	Original	
144	Original	
145	Original	
146	Original	
147	Original	
148	Original	
149 150	Original Original	
150	Original	
153	Original	
154	Original	
155	Original	
156	Fourth Revised	Fifth Revised
157	Original	
158	Fourth Revised	Fifth Revised
159	Original	
160	Original	

Anticipated Cost of Gas

New Hampshire	Division
Period Covered: November 1	2022 - April 30 2023

Period Covered: Nove	ember 1, 2022 - April 30, 2	023
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:	¢C 250 704	
Demand Costs: Supply Costs:	\$6,358,704 \$20,129,627	
	ψ20,123,021	
Storage & Peaking Gas: Demand, Capacity:	\$12,558,149	
Commodity Costs:	\$11,531,102	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$6,382	
Capacity Release, & Asset Management	(\$8,570,786)	
Re-entry Rate & Conversion Rate Revenues	<u>\$ (5,000)</u>	
Total Anticipated Direct Cost of Gas		<u>\$42,008,180</u>
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	(\$2,519,772)	
Interest Refunds	(\$44,494) \$0	
Interruptible Margins	\$0	
Total Adjustments	·	(\$2,564,267)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$42,008,180	
Working Capital Percentage	<u>0.1398%</u>	
Working Capital Allowance	\$ 58,708	
Plus: Working Capital Reconciliation (Acct 173)	\$7,583	
Total Working Capital Allowance		\$66,291
Bad Debt:		
Bad Debt Allowance	\$121,564	
Plus: Bad Debt Reconciliation (Acct 173)	(\$10,581)	
Total Bad Debt Allowance		\$110,983
Local Production and Storage Capacity		\$214,538
Miscellaneous Overhead-80.46% Allocated to Winter Season	n	\$492,287
Total Anticipated Indirect Cost of Gas		(\$1,680,168)
Total Cost of Gas	-	\$40,328,012
Issued: September 16, 2022	Issued By:	Robert B. Hevert
Effective Date: November 1, 2022		Senior Vice President

Authorized by NHPUC Order No. _____, in Docket No. DG 22-___, dated _____, 2022

Fifth Revised Page No. 41 Superseding Fourth Revised Page No. 41

Anticipated Cost of Gas

New Hampshire Division
Period Covered: May 1, 2022 - October 31, 2023

Period Covered	d: May 1, 2022 - October 31,	2023
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:	¢ 1.055.240	
Demand Costs: Supply Costs:	\$ 1,055,340 \$ 4,140,569	
	φ 4,140,309	
Storage & Peaking Gas:	¢ 007 507	
Demand, Capacity: Commodity Costs:	\$	
	, ,,,,,,,	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$0	
Capacity Release & Asset Management	\$0	
Re-entry Rate and Conversion Rate Revenues	\$0	
Total Anticipated Direct Cost of Gas		<u>\$5,756,343</u>
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	\$100,234	
Interest	(\$27,269)	
Refunds	\$0 \$0	
Interruptible Margins Total Adjustments		\$72,965
Working Capital:		
Total Anticipated Direct Cost of Gas	\$5,756,344	
Working Capital Percentage	<u>0.1398%</u>	
Working Capital Allowance	\$8,045	
Plus: Working Capital Reconciliation (Acct 173)	\$1,842	
Total Working Capital Allowance		\$9,887
Bad Debt:		
Bad Debt Allowance	\$17,079	
Plus: Bad Debt Reconciliation (Acct 173)	(\$557)	
Total Bad Debt Allowance		\$16,522
Local Production and Storage Capacity		\$0
Miscellaneous Overhead-19.54% Allocated to Summer	Season	\$119,588
Total Anticipated Indirect Cost of Gas		\$218,962
Total Cost of Gas		\$5,975,306

Issued: September 16, 2022	Issued By:	Robert B. Hevert
Effective Date: May 1, 2023		Senior Vice President
Authorized by NHPUC Order No, in Docket No. DG 22, dated	<u>,</u> 2022	

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2021 - April 30, 2022

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	\$42,008,180		
Projected Prorated Sales (11/01/22 - 04/30/23) Direct Cost of Gas Rate	35,507,405	\$1.1831	per therm
Demand Cost of Gas Rate	\$10,341,068	\$0.2912	per therm
Commodity Cost of Gas Rate	\$ <u>31,667,112</u>	\$ <u>0.8918</u>	per therm
Total Direct Cost of Gas Rate	\$42,008,180	\$1.1830	per therm
Total Anticipated Indirect Cost of Gas	(\$1,680,168)		
Projected Prorated Sales (11/01/22 - 04/30/23)	35,507,405		
Indirect Cost of Gas		(\$0.0473)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.1357	per therm
RESIDENTIAL COST OF GAS RATE -11/01/22	COGwr	\$1.1357	per therm

Maximum (COG+25%)

\$1.4196

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/22	COGwl	\$1.0604 per therm
	Maximum (COG+25%)	\$1.3255
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$569,531	
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	\$8,570	
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$578,101	
C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	2,898,272	
DEMAND COST OF GAS RATE	\$0.1995	
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$2,634,583	
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	(\$2,272)	
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$2,632,312	
C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	2,898,272	
COMMODITY COST OF GAS RATE	\$0.9082	
INDIRECT COST OF GAS	(\$0.0473)	
TOTAL C&I HLF COST OF GAS RATE	\$1.0604	

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/22	COGwh	\$1.1496 per therm
	Maximum (COG+25%)	\$1.4370
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$4,796,055	
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$72,168	
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$4,868,223	
C&I LLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	15,802,392	
DEMAND COST OF GAS RATE	\$0.3081	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$14,057,910	
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$12,123)	
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$14,045,788	
C&I LLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	15,802,392	
COMMODITY COST OF GAS RATE	\$0.8888	
INDIRECT COST OF GAS	(\$0.0473)	
TOTAL C&I LLF COST OF GAS RATE	\$1.1496	
Issued: September 16, 2022	Issued By:	Robert B. Hevert
Effective Date: November 1, 2022		Senior Vice President
Authorized by NHPUC Order No, in Docket No. DG 22, dated	·	

Fifteenth Revised Page No. 43 Superseding Fourteenth Revised Page No. 43

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2023 - October 31, 2023

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23)	\$5,756,344 8,625,565		
Direct Cost of Gas Rate		\$0.6674	per therm
Demand Cost of Gas Rate	\$1,452,867	\$0.1684	per therm
Commodity Cost of Gas Rate	\$ <u>4,303,477</u>	\$ <u>0.4989</u>	per therm
Total Direct Cost of Gas Rate	\$5,756,344	\$0.6673	per therm
Total Anticipated Indirect Cost of Gas	\$218,962		
Projected Prorated Sales (05/01/23 - 10/31/23)	8,625,565		
Indirect Cost of Gas		\$0.0254	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.6927	per therm
RESIDENTIAL COST OF GAS RATE -05/01/23	COGwr	\$0.6927	per therm

Maximum Preapproved Adjustment (COG+25%)*

-	•
\$0.8659	

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/23	COGwl	\$0.6342	per therm
Maximum	Preapproved Adjustment (COG+25%)*	\$0.7928	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$230,600		
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	\$11,833		
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$242,434		
C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23)	2,206,001		
DEMAND COST OF GAS RATE	\$0.1099		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,100,620		
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	\$34		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,100,655		
C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23)	2,206,001		
COMMODITY COST OF GAS RATE	\$0.4989		
INDIRECT COST OF GAS	\$0.0254		
TOTAL C&I HLF COST OF GAS RATE	\$0.6342		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/23	COGwh	\$0.7394 per therm
Maximum	Preapproved Adjustment (COG+25%)*	\$0.9243
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED DEMAND COSTS C&I LLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23) DEMAND COST OF GAS RATE	\$566,892 \$29,091 \$595,983 2,770,809 \$0.2151	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED COMMODITY COSTS C&I LLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23) COMMODITY COST OF GAS RATE	\$1,382,415 \$43 \$1,382,458 2,770,809 \$0.4989	
INDIRECT COST OF GAS	\$0.0254	
TOTAL C&I LLF COST OF GAS RATE	\$0.7394	
ssued: September 16, 2022 iffective Date: May 1, 2023 wthorized by NHPUC Order No, in Docket No. DG 22, dated	Issued By:	Robert B. Hevert Senior Vice President

Local Delivery Adjustment Clause

Rate Schedule	GAP	EEC	LRR	ERC	ITMC	RCE	RPC	PTAM	RAAM	LDAC
Residential Heating	\$0.0037	\$0.0499	\$0.0000	\$0.0058	\$0.0000	\$0.0043	\$0.1206	\$0.0000	\$0.0002	\$0.1845
Residential Non-Heating	\$0.0037	\$0.0499	\$0.0000	\$0.0058	\$0.0000	\$0.0043	\$0.1206	\$0.0000	\$0.0002	\$0.1845
Small C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0043	\$0.0101	\$0.0000	\$0.0002	\$0.0488
Medium C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0043	\$0.0101	\$0.0000	\$0.0002	\$0.0488
Large C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0043	\$0.0101	\$0.0000	\$0.0002	\$0.0488
No Previous Sales Service										

Issued: September 16, 2022 Effective: With Service Rendered On and After November 1, 2022 Authorized by NHPUC Order No. in Docket No. DG 22- , dated , 2022

Issued by:

Title:

Robert B. Hevert Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Season		Total	Total Billed Rates
	November 2022 - April 2023	Tariff	Delivery Rates	Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
Residential Heating	Tariff Rate R 5:		•	
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	All usage	\$0.9266	\$1.1111	\$2.2468
	LDAC	\$0.1845		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.1357		
Residential Heating	Tariff Rate R 10:			
Low Income	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	All usage	\$0.9266	\$1.1111	\$2.2468
	LDAC	\$0,1845	•	•
	Gas Cost Adjustment:			
	Cost of Gas	\$1.1357		
	Monthly Customer Charge	(\$9.99)	(\$9.99	(\$9.99)
	All usage	(\$0.4170)	(\$0.4170)	(\$0.9280)
		\$0.0000	(••••••)	(+++++++)
	Gas Cost Adjustment:	<i>Q</i> O O O O O O O O O O		
	Cost of Gas	(\$0.5111)		
Desidential New Upsting	Tariff Rate R 6:			
Residential Non-Heating		\$22.20	\$22.20	\$22.20
	Monthly Customer Charge	\$22.20 \$1.4053	¢∠2.20 \$1.5898	\$2.7255
	All usage	\$1.4053 \$0.1845	φ1.3030	φ2.1200
	Gas Cost Adjustment:	φ υ. 1045		
	Cost of Gas	\$1.1357		
		φ1.1337		

*: Discount applicable to winter months November through April only.

Issued: September 16, 2022

Effective: With Service Rendered On and After November 1, 2022
Authorized by NHPUC Order Nos. ______ in Docket Nos. DG _____, dated _____

Issued by: <u>Robert B. Hevert</u> Title: Senior Vice President

Seventeenth Revised Page 86 Superseding Sixteenth Revised Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Season		Total	Total Billed	Rates
	May 2023 - October 2023	Tariff	Delivery Rates	Tariff Rates,	LDAC
	-	Rates	(Includes LDAC)	Plus Cost o	of Gas
Residential Heating	Tariff Rate R 5:				
	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$0.9266	\$1.1111	\$1.8038	
	LDAC	\$0.1845			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6927			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$0.9266	\$1.1111	\$1.8038	
	LDAC	\$0.1845			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6927			
Discount*	Monthly Customer Charge	\$0.00	\$0.00		\$0.00
Discount*	All usage	\$0.0000	\$0.0000	\$0.0000	
Discount*	LDAC	\$0.0000			
	Gas Cost Adjustment:				
Discount*	Cost of Gas	\$0.0000			
Residential Non-Heating	Tariff Rate R 6:				
5	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$1.4053	\$1.5898	\$2.2825	
	LDAC	\$0.1845			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6927			

*: Discount applicable to winter months November through April only.

 Issued: September 16, 2022
 Issued by:

 Effective: With Service Rendered On and After May 1, 2023
 Title: September 16, 2022

 Authorized by NHPUC Order Nos. _____ in Docket Nos. DG _____, dated _____
 September 16, 2022

Robert B. Hevert Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE C & I RATES

	Winter Season November 2022 - April 2023	Tariff	Total Delivery Rates	Total Billed Rates Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:			
	Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2556	\$0.3044	\$1.4540
	LDAC	\$0.0488		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.1496		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2359	\$0.2847	\$1.3451
	LDAC	\$0.0488		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.0604		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.2883	\$0.3371	\$1.4867
	LDAC	\$0.0488		,
	Gas Cost Adjustment:	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Cost of Gas	\$1.1496		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.1770	\$0.2258	\$1.2862
	LDAC	\$0.0488	V 0.2200	+ H2002
	Gas Cost Adjustment:	ψ 0.0 400		
	Cost of Gas	\$1.0604		
		,		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
		\$0.2185	\$0.2673	\$1,4169
	All usage	•	ФО.2073	\$1.4105
	LDAC	\$0.0488		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.1496		
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage	\$0.1796	\$0.2284	\$1.2888
	LDAC	\$0.0488		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.0604		

Issued: September 16, 2022		Issued by:	Robert B. Hevert
Effective: With Service Rendered On and	After November 1, 2022	Title:	Senior Vice President
Authorized by NHPUC Order Nos.	in Docket Nos. DG	_, dated	

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE C & I RATES

	Summer Season May 2023 - October 2023	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$80.00 \$0.2556 \$0.0488	\$80.00 \$0.3044	\$80.00 \$1.0438
	Cost of Gas	\$0.7394		
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2359 \$0.0488	\$0.2847	\$0.9189
	Gas Cost Adjustment: Cost of Gas	\$0.6342		
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage	\$225.00 \$0.2883	\$225.00 \$0.3371	\$225.00 \$1.0765
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0488 \$0.7394		
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$225.00 \$0.1770 \$0.0488	\$225.00 \$0.2258	\$225.00 \$0.8600
C&I High Annual/High Winter	Cost of Gas Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$0.6342 \$1,350.00 \$0.2185 \$0.0488 \$0.7394	\$1,350.00 \$0.2673	\$1,350.00 \$1.0067
C&I High Annual/Low Winter	Tariff Rate G 52:Monthly Customer ChargeAll usageLDACGas Cost Adjustment:Cost of Gas	\$1,350.00 \$0.1096 \$0.0488 \$0.6342	\$1,350.00 \$0.1584	\$1,350.00 \$0.7926

Issued: September 16, 2022		Issued by:	Robert B. Hevert	
Effective: With Service Rendered On a	nd After November 1, 2022	Title:	Senior Vice President	
Authorized by NHPUC Order Nos.	in Docket Nos. DG	_, dated		

VII. DELIVERY SERVICE TERMS AND CONDITION

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: §1.00 per MMBtu of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company's latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge:	<u>\$ 72.72 per MMBtu</u> per MDPQ per month for
November 2022 through April 2023. Provid	led on Page 6 of Attachment NUI-FXW-6.

- Updated effective every November 1 to reflect the Company's Peaking resources and associated costs.
- **III. Company Allowance Calculation:** 0.97% Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	PRICING
Pool Administration (required)	• \$0.10/month/customer billed @ marketer level
Non-Daily Metered Pools only	
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

V. Meter Read Charge: \$78.00 when customer phone line is not reporting daily data

VI. Meter Read via Cellular Service: \$20.00 per month

Issued:	September 16, 2022	Issued by:	Robert B. Hevert
Effective:	November 1, 2022	_	Senior Vice President
Authorized b	y NHPUC Order No	in Docket No. DG 22, dated	·

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2022 through October 31, 2023.

Commercial and Industrial

	High Winter Use	Low Winter Use
Pipeline:	29.51%	65.64%
Storage:	32.47%	15.82%
Peaking:	38.02%	18.54%

Issued:	September 16, 2022	I	ssued by:	Robert B. Hevert
Effective:	November 1, 2022			Senior Vice President
Authorized b	y NHPUC Order No	in Docket No. DG 22	, dated	·

VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)

<u>Appendix D</u>

Re-entry Surcharge and Conversion Surcharge (continued)

D. Information to be Filed with the Commission:

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company's Cost of Gas Clause, the Company will apply such revenues as credits to the Company's New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, 2022 through April 30, 2023 and May 1, 2023 through October 2023.

Effective Dates:	November 1, 2022 – April 30, 2022	May 1, 2023 – October 30, 2023
Re-entry Surcharge:	\$0.0709 per therm	\$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$1.5529 per therm	\$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$1.6421 per therm	\$0.0000 per therm

Issued: September 16, 2022 Effective: November 1, 2022 Issued by: Robert. B Hevert Title: Senior Vice President

Authorized by NHPUC Order No.

FourthFifth Revised Page 40 Superseding ThirdFourth Revised Page 40

Anticipated Cost of Gas

	Anticipate	au	ost of Gas			
Period Co	New Hamp vered: November		re Division 0 <mark>21<u>22</u> - Octo</mark>	ber 31, 20 <mark>22</mark> 23		
(Col 1)			(Col 2)			(Col 3)
ANTICIPATED DIRECT COST OF GAS						
Purchased Gas:						
Demand Costs: Supply Costs:	\$ 4,553,044 \$ 11,472,168		6,358,704 20,129,627			
	φ 11,112,100	Ψ	20,120,021			
Storage & Peaking Gas: Demand, Capacity:	\$ 12.327.011	\$	12,558,149			
Commodity Costs:	\$ <u>7,733,349</u>	\$	11,531,102			
Interruptible Included Above	\$ -	\$	-			
Inventory Finance Charge	\$1,378	\$	6,382			
Capacity Release	\$ (4,076,771)	\$	(8,570,786)			
Re-entry Rate & Conversion Rate Revenues	\$ (5,000)	\$	(5,000)			
Total Anticipated Direct Cost of Gas				\$ 32,005,179	\$	42,008,180
ANTICIPATED INDIRECT COST OF GAS						
Adjustments:	A A A A A A A A A A	•	(0.540.770)			
Prior Period Under/(Over) Collection Interest	\$ 189,294 \$ (42,086)	\$ \$	(2,519,772) (44,494)			
Refunds	\$	\$	-			
Interruptible Margins	<u>\$</u>	<u>\$</u>	-	A 117 000	•	(0.504.007)
Total Adjustments				\$ <u>147,208</u>	\$	(2,564,267)
Working Capital: Total Anticipated Direct Cost of Gas	\$ <u>32,005,179</u>	\$	42,008,180			
Working Capital Percentage	<u>0.0892%</u>	1	<u>0.1398</u> %			
Working Capital Allowance	\$ <u>28,555</u>	- T.	58,708			
Plus: Working Capital Reconciliation (Acct 173	3 \$ (5,834)	\$	7,583			
Total Working Capital Allowance				\$ 22,721	\$	66,291
Bad Debt:						
Bad Debt Allowance	\$ <u>137,320</u>	\$	121,564			
Plus: Bad Debt Reconciliation (Acct 173)	\$ <u>(61,950)</u>	\$	(10,581)			
Total Bad Debt Allowance				\$75,370	\$	110,983
Local Production and Storage Capacity				\$ <u>476,106</u>	\$	214,538
Miscellaneous Overhead- 79.87 80.46% Allocat	ted to Winter Sea	son		<u>\$ 463,606</u>	\$	492,287
Total Anticipated Indirect Cost of Gas				\$ <u>1,185,012</u>	\$	(1,680,168)
Total Cost of Gas				<u>\$33,190,191</u>	\$	40,328,012
Issued: November 4,2021 September 16, 2022				Issued By:		Robert B. Hevert
Effective Date: November 1, 202422						Senior Vice President

FourthFifth Revised Page 41 Superseding ThirdFourth Revised Page 41

Anticipated Cost of Gas

Peri	New Hamps od Covered: May 1, 20	shire Division 0 <mark>22<u>23</u> - October</mark>	31, 20 <mark>22</mark> 23	
(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:	4054 500	*1 055 0 10		
Demand Costs:	\$956,729 \$3.110.213	<u>\$1,055,340</u>		
Supply Costs:	\$3,110,213	<u>\$4,140,569</u>		
Storage & Peaking Gas:	4005 005	****		
Demand, Capacity:	\$397,395	<u>\$397,527</u>		
Commodity Costs:	\$21,467	<u>\$162,908</u>		
Interruptible Included Above	\$0	\$0		
Inventory Finance Charge	\$0	\$0		
Capacity Release & Asset Management	\$0	\$0		
Re-entry Rate & Conversion Rate Revenues	\$0	\$0		
Fotal Anticipated Direct Cost of Gas			\$4,485,805	<u>\$5,756,343</u>
ANTICIPATED INDIRECT COST OF GAS				
Adjustments:	¢ 4 7 7 1 0	¢100.224		
Prior Period Under/(Over) Collection Interest	\$47,710 (\$41,380)	<u>\$100,234</u>		
Refunds	(\$41,380) \$0	<u>(\$27,269)</u> \$0		
Interruptible Margins	\$0 \$0	\$0 \$0		
Total Adjustments			\$6,330	<u>\$72,965</u>
Vorking Capital:				
Total Anticipated Direct Cost of Gas	\$4,485,805	<u>\$5,756,344</u>		
Working Capital Percentage	0.0892%	<u>0.1398%</u>		
Working Capital Allowance	\$4,002	<u>\$8,045</u>		
Plus: Working Capital Reconciliation (Acct 173)	(\$1,470)	<u>\$1,842</u>		
Total Working Capital Allowance			<u>\$2,532</u>	<u>\$9,887</u>
Bad Debt:				
Bad Debt Allowance	\$14,529	<u>\$17,079</u>		
Plus: Bad Debt Reconciliation (Acct 173)	(\$15,614)	<u>(\$557)</u>		
Total Bad Debt Allowance			(\$1,084)	<u>\$16,523</u>
Local Production and Storage Capacity			\$0	<u>\$0</u>
Miscellaneous Overhead- 20.13<u>19.54</u>% Allocated t	o the Summer Seasor	n	\$116,849	<u>\$119,588</u>
Fotal Anticipated Indirect Cost of Gas			\$124,627	<u>\$218,962</u>
Total Cost of Gas			<u>\$4,610,433</u>	\$5,975,306

Issued: November 4, 2021 September 16, 2022	Robert B. Hevert
Effective Date: May 1, 2022 2023	Senior Vice President
Authorized by NHPUC Order No, in Docket No. DG 22, dated, 2022	

Eleventh Twelfth Revised Page 42 Superseding Tenth Eleventh Revised Page 42

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 20242 - April 30, 20223

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/ 24 22 - 04/30/ 22 23)	\$ <u>32,005,179</u> 	<u>\$42,008,180</u> 35,507,405			
Direct Cost of Gas Rate			\$0.9057	<u>\$1.1831</u>	per therm
Demand Cost of Gas Rate	\$12,798,284	\$10,341,068	\$0.3622	<u>\$0.2912</u>	per therm
Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$ <u>19,206,895</u> \$ 32,005,179	<u>\$31,667,112</u> \$42,008,180	\$0.5435 \$0.9057	<u>\$0.8918</u> \$1.1830	per therm per therm
			\$0.000	<u>\$1.1000</u>	per tienn
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/2422 - 04/30/2223)	\$ 1,185,012 35,339,329	(\$1,680,168) 35,507,405			
Indirect Cost of Gas			\$0.0335	<u>(\$0.0473)</u>	per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.9392	<u>\$1.1357</u>	per therm
Period ending under-collection to be recovered as determined on 12/21/2021			(\$995,768)		
Projected Sales (01/01/22 - 04/30/2022)			23,905,700		
Per unit change in Cost of Gas (01/01/21 - 04/30/22)			(\$0.0417)		
Period ending under-collection to be recovered as determined on 1/24/2022			\$779,744		
Projected Sales (02/01/22 - 04/30/2022)			16,025,403		
Per unit change in Cost of Gas (02/01/21 – 04/30/22)			\$0.0487		
Period ending under-collection to be recovered as determined on 2/22/2022			\$1,003,825		
Projected Sales (03/01/22 - 04/30/2022)			9,250,801		
Per unit change in Cost of Gas (03/01/21 - 04/30/22)			\$0.1085		

RESIDENTIAL COST OF GAS RATE - 03/01/22 - <u>11/01/2022</u>	COGwr	\$1.0547	<u>\$1.1357</u>	per therm
	Maximum (COG+25%)	\$1.1740	<u>\$1.4196</u>	
RESIDENTIAL COST OF GAS RATES - 11/01/2021		\$0.9392		
CHANGE IN PER UNIT COST		(\$0.0417)		
RESIDENTIAL COST OF GAS RATES - 01/01/2022		\$0.8975		
CHANGE IN PER UNIT COST		\$0.0487		
RESIDENTIAL COST OF GAS RATES - 02/01/2022		\$0.9462		
CHANGE IN PER UNIT COST		\$0.1085		
RESIDENTIAL COST OF GAS RATES - 03/01/2022		\$1.0547		

COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/22-11/01/2022	COGwl	\$0.9608	<u>\$1.0604</u>	per therm
	Maximum (COG+25%)	\$1.0566	\$1.3255	
COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2021		\$0.8453		
CHANGE IN PER UNIT COST		(\$0.0417)		
COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/202		\$0.8036		
CHANGE IN PER UNIT COST		\$0.0487		
COM/IND LOW WINTER USE COST OF GAS RATES - 02/01/202		\$0.8523		
CHANGE IN PER UNIT COST		\$0.1085		
COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/202		\$0.9608		
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$569,531			
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	\$8,570			
C&I HLF TOTAL ADJUSTED DEMAND COSTS	<u>\$578,101</u>			
C&I HLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	2,898,272			
DEMAND COST OF GAS RATE	<u>\$0.1995</u>			
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$2,634,583			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	(\$2,272)			
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$2,632,312			
C&I HLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	2,898,272			
COMMODITY COST OF GAS RATE	<u>\$0.9082</u>			
INDIRECT COST OF GAS	<u>(\$0.0473)</u>			
TOTAL C&I HLF COST OF GAS RATE	\$1.0604			

DM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/22 11/01/2022	COGwh		\$1.0706	<u>\$1.1496</u>	per therm
	Maximum (COG+25%)		\$1.1939	<u>\$1.4370</u>	
COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2021			\$0.9551		
CHANGE IN PER UNIT COST			(\$0.0417)		
COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2022			\$0.9134		
CHANGE IN PER UNIT COST			\$0.0487		
COM/IND HIGH WINTER USE COST OF GAS RATES - 02/01/2022			\$0.9621		
CHANGE IN PER UNIT COST			\$0.1085		
COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2022			\$1.0706		
C&I LLF DEMAND COSTS ALLOCATED PER SMBA	\$4,796,055				
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$72,168				
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$4,868,223				
C&I LLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	\$15.802.392				
DEMAND COST OF GAS RATE	\$0.3081				
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$14.057.910				
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$12,123)				
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$14.045.788				
C&I LLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	15.802.392				
COMMODITY COST OF GAS RATE	\$0.8888				
INDIRECT COST OF GAS	<u>(\$0.0473)</u>				
TOTAL C&I LLF COST OF GAS RATE	<u>\$1.1496</u>				
ed: February 22November 1, 2022		Issued By:	Rol	oert B. Hevert	
ctive Date: March November 1, 2022			Senio		22 OF 4

Effective Date: March November 1, 2022 Authorized by NHPUC Order No. 26,539 _-, in Docket No. DG 21-131_____, dated October 29, 2021__

г

FourteenthFifteenth Revised Page No. 43 Superseding ThirteenthFourteenthPage No. 43

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 20223 - October 31, 20223

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas	\$4,485,805	\$5,756,344			
Projected Prorated Sales (05/01/21223- 10/31/20223) Direct Cost of Gas Rate		8,625,565	\$0.5036	\$0.6674	per therm
Demand Cost of Gas Rate	\$1,354,125	\$1.452.867	\$0.1520	\$0,1684	per therm
Commodity Cost of Gas Rate	\$3,131,680	\$4.303.477	\$0.3516	\$0.4989	per therm
Total Direct Cost of Gas Rate	\$ 4,485,805	\$5,756,344	\$0.5036	\$0.6673	per therm
Total Anticipated Indirect Cost of Gas	\$124,627	\$218,962			
Projected Prorated Sales (05/01/21223- 10/31/20223)		8,625,565			
Indirect Cost of Gas			\$0.0140	<u>\$0.0254</u>	per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.5176	<u>\$0.6927</u>	per therm
Period ending under collection to be recovered - per April Report	\$1,055,500				
Projected sales (05/01/22 - 10/31/22)	<u>8,907,030</u>				
Per unit change in Cost of Gas (05/01/22 - 10/31/22)	\$0.1185				
Period ending under-collection to be recovered - per May Report	\$1,935,343				
Projected sales (06/01/22 - 10/31/22)	\$6,999,418.9071				
Per unit change in Cost of Gas (06/01/22 - 10/31/22)	\$0.2765				
Period ending under-collection to be recovered - per August Report	\$743,250				
Projected sales (09/01/22 - 10/31/22)	\$3,577,552				
Per unit change in Cost of Gas (09/01/22 - 10/31/22)	\$0.2078				

RESIDENTIAL COST OF GAS RATE	09<u>05</u>/01/22<u>23</u>	COGwr	\$1.1204	<u>\$0.6927</u>	per therm
		Maximum Preapproved Adjustment (COG+25%)*	\$0.6470	<u>\$0.8659</u>	
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/22			\$0.5176		
CHANGE IN PER UNIT COST			\$0.1185		
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/22			\$0.6361		
CHANGE IN PER UNIT COST			\$0.2765		
RESIDENTIAL COST OF GAS RATE - 06/01/22			\$0.9126		
CHANGE IN PER UNIT COST			\$0.2078		
RESIDENTIAL COST OF GAS RATE - 09/01/22			\$1.1204		

COM/IND LOW WINTER USE COST OF GAS RATE 0905/01/2223	COGwl	\$1.0768	<u>\$0.6342</u>	per therm
	Maximum Preapproved Adjustment (COG+25%)*	\$0.5925	<u>\$0.7928</u>	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/22		\$0.4740		
CHANGE IN PER UNIT COST		\$0.1185		
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/22		\$0.5925		
CHANGE IN PER UNIT COST		\$0.2765		
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/22		\$0.8690		
CHANGE IN PER UNIT COST		\$0.2078		
COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/22		\$1.0768		
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	<u>\$230,600</u>			
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>\$11,833</u>			
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$242,434			
C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23)	2,206,001			
DEMAND COST OF GAS RATE	<u>\$0.1099</u>			
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	<u>\$1,100,620</u>			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$34</u>			
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,100,655			
C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23)	2,206,001			
COMMODITY COST OF GAS RATE	<u>\$0.4989</u>			
NDIRECT COST OF GAS	<u>\$0.0254</u>			
OTAL C&I HLF COST OF GAS RATE	<u>\$0.6342</u>			
COM/IND HIGH WINTER USE COST OF GAS RATE 0905/01/2223	COGwh	\$1.1473	<u>\$0.7394</u>	per therm

COM/IND HIGH WINTER USE COST OF GAS RATE 0905/01/2223	COGWh	\$1.14/3	<u>\$0.7394</u>	per therm
	Maximum Preapproved Adjustment (COG+25%)*	\$0.6806	<u>\$0.9243</u>	
NITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22		\$0.5445		
CHANGE IN PER UNIT COST		\$0.1185		
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22		\$0.6630		
CHANGE IN PER UNIT COST		\$0.2765		
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/22		\$0.9395		
CHANGE IN PER UNIT COST		\$0.2078		
COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/22		\$1.1473		
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	<u>\$566,892</u>			
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$29.091</u>			
C&I LLF TOTAL ADJUSTED DEMAND COSTS	<u>\$595,983</u>			
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	2,770,809			
DEMAND COST OF GAS RATE	<u>\$0.2151</u>			
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,382,415			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	\$43			
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$1,382,458			
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	2,770,809			
COMMODITY COST OF GAS RATE	<u>\$0.4989</u>			
NDIRECT COST OF GAS	<u>\$0.0254</u>			
TOTAL C&I LLF COST OF GAS RATE	<u>\$0.7394</u>			
e increases in June and September were implemented through amended COG f	ilings and not preapproved			
: August 29 September 16, 2022		R	obert B. Hevert	
ve Date: September 1, 2022 May 1, 2023			Senior Vice President	
ized by NHPUC Order No. 26,539, in Docket No. DG 21-131, dated October 29,	<u>2021</u> .		PAG	GE 23 OF 41

N.H.P.U.C. No. 12 - Gas Northern Utilities, Inc.

Local Delivery Adjustment Clause

Rate Schedule	GAP	GAP	EEC	LRR	LRR	ERC	ERC	ITMC	RCE	RCE	RPC	RPC	PTAM	PTAM	RAAM	RAAM	LDAC	LDAC
Residential Heating	\$0.0033	\$0.0037	\$0.0499	\$0.0066	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0043	\$0.0000	\$0.1206	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0816	\$0.1845
Residential Non-Heating	\$0.0033	\$0.0037	\$0.0499	\$0.0066	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0043	\$0.0000	\$0.1206	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0816	\$0.1845
Small C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0043	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0488
Medium C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0043	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0488
Large C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0043	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0488
No Previous Sales Service																		

Issued: September 16, 2022 February 25, 2022 Effective: With Service Rendered On and After November March 1, 2022 Authorized by NHPUC Order No. 26, 579 in Docket No. <u>DE 29-092</u>, dated February 10, 2022

and Order No. 26,581 in Docket No. DG 21-123, dated February 15, 2022

Issued by: Title: Robert B. Hevert Senior Vice President

Fifteenth Sixteenth Revised Page 86 Superseding Fourteenth Fifteenth Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Winter Season May 2023 - October 2022 November 2022 - April 2023	Tariff Rates	Delive	otal ery Rates es LDAC)	Tariff Ra	<u>lled Rates</u> ites, LDAC ost of Gas
Residential Heating	Tariff Rate R 5: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.9266 \$0.0816 \$0.1845 \$1.1204 \$1.1357	\$1.0082	\$22.20 <u>\$1.1111</u>	\$ 2.1286	\$22.20 <u>\$2.2468</u>
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u>	\$22.20 \$0.9266 <mark>\$0.0816 <u>\$0.1845</u></mark>	\$ 1.0082	\$22.20 <u>\$1.1111</u>	\$2.1286	\$22.20 <u>\$2.2468</u>
	Cost of Gas Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1.1204 \$1.1357 \$0.0000 (\$9.9900) \$0.0000 (\$0.4170) \$0.0000 (\$0.5110)	\$0.0000	(\$9.99) <u>(\$0.4170)</u>	\$0.0000	(\$9.99) <u>(\$0.9280)</u>
Residential Non-Heating	Cost of Gas Tariff Rate R 6: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$1.4053 \$0.0816 \$0.1845 \$1.1204 \$1.1357	\$1.4869	\$22.20 <u>\$1.5898</u>	\$2.6073	\$22.20 <u>\$2.7255</u>

*: Discount applicable to winter months November through April only.

 Issued: September <u>816</u>, 2022
 Issued by:
 Robert B. Hevert

 Effective: With Service Rendered On and After <u>SeptemberNovember</u> 1, 2022
 Title:
 Senior Vice President

 Authorized by NHPUC Order Nos. <u>26,539</u> _______in Docket Nos. DG <u>21-131</u> _____, dated <u>October 29, 2021</u> ______
 Senior Vice President

Sixteenth Seventeenth Revised Page 86 Superseding Fifteenth Sixteenth Page 86

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Summer Season		Total	Total Bil	led Rates
	May 2023 - October 2023	Tariff	Delivery Rates	Tariff Ra	tes, LDAC
	November 2022 - April 2023	Rates	(Includes LDAC)	Plus Co	st of Gas
Residential Heating	Tariff Rate R 5:				
	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$0.9266	\$1.1111	\$2.2468	<u>\$1.8038</u>
	LDAC	\$0.1845			
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1357 <u>\$0.6927</u>			
	To Iff Date D 44				
Residential Heating	Tariff Rate R 10:	* 22.22	* 22.22		***
Low income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$0.9266	\$1.1111	\$2.2468	<u>\$1.8038</u>
	LDAC	\$0.1845			
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1357 <u>\$0.6927</u>			
Discount	Monthly Customer Charge	(\$9.99)	(\$9.99) \$0.0000	(\$9.99)	<u>\$0.0000</u>
Discount	All usage	(\$0.4170) \$0.0000	(\$0.4170) <u>\$0.0000</u>	(\$0.9280)	\$0.0000
Discount	LDAC	\$0.0000 \$0.0000			
	Gas Cost Adjustment:				
Discount	Cost of Gas	(\$0.5111) <u>\$0.0000</u>			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$1.4053	\$1.5898	<u>\$2.7255</u>	\$2.2825
	LDAC	\$0.1845	•		
	Gas Cost Adjustment:	*** ***			
	Cost of Gas	\$1,1357 \$0,6927			

Issued:-September <mark>8 16</mark> , 2022	Issued by:	Robert B. Hevert
Effective: With Service Rendered On and After September 1, 2022May 1, 2023	Title:	Senior Vice President
Authorized by NHPUC Order Nos. 26,539in Docket Nos. DG 21-131, dated October 29, 2	021	

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE C & I RATES

Tariff Rate G 40: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$80.00 \$0.2556	\$80		
6	\$0.0504 <u>\$0.0488</u>	\$0.3060 <u>\$0.304</u>		\$80.00 <u>\$1.4540</u>
Cost of Gas	\$1.1473 <u>\$1.1496</u>			
Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2359 \$0.0504 <u>\$0.0488</u> \$1.0768 <u>\$1.0604</u>			\$80.00 <u>\$1.3451</u>
Tariff Rate G 41: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u>	\$225.00 \$0.2883 \$0.0504 <u>\$0.0488</u>			\$225.00 <u>\$1.4867</u>
Cost of Gas	\$1.1473 <u>\$1.1496</u>			
Tariff Rate G 51: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u>	\$225.00 \$0.1770 \$0.0504 <u>\$0.0488</u>			\$225.00 <u>\$1.2862</u>
Cost of Gas	\$1.0768 <u>\$1.0604</u>			
Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,350.00 \$0.2185 \$0.0504 <u>\$0.0488</u>			\$1,350.00 <u>\$1.4169</u>
Cost of Gas	\$1.1473 <u>\$1.1496</u>			
Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,350.00 \$0.1096 <u>\$0.1796</u> \$0.0504 <u>\$0.0488</u>			\$1,350.00 <u>\$1.2888</u>
	Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	Monthly Customer Charge \$80.00 All usage \$0.2359 LDAC \$0.0504 \$0.0488 Gas Cost Adjustment: \$1.0604 Cost of Gas \$1.0604 \$0.0488 Tariff Rate G 41: \$225.00 Monthly Customer Charge \$0.2883 All usage \$0.0488 Gas Cost Adjustment: \$0.0488 Cost of Gas \$0.0488 Gas Cost Adjustment: \$0.0488 Cost of Gas \$1.1473 Tariff Rate G 51: \$0.0488 Monthly Customer Charge \$0.1770 All usage \$0.0504 \$0.0488 Gas Cost Adjustment: \$0.0488 \$0.0488 Gas Cost Adjustment: \$0.0488 \$0.0488 Gas Cost Adjustment: \$0.0488 \$0.0488 Gas Cost Adjustment: \$1.350.00 \$0.0488 Gas Cost Adjustment: \$0.0488 \$0.0488 Gas Cost Adjustment: \$0.0	Monthly Customer Charge \$80.00 \$0.2359 \$0.2863 \$0.2847 LDAC \$0.0504 \$0.0488 \$0.2863 \$0.2847 Gas Cost Adjustment: \$0.0504 \$0.0488 \$0.2863 \$0.2847 Cost of Gas \$1.0604 \$0.0488 \$0.2863 \$0.2847 Monthly Customer Charge \$1.0604 \$0.2483 \$0.2883 All usage \$0.2883 \$0.2883 \$0.3387 \$0.3371 LDAC \$0.0504 \$0.0488 \$0.3387 \$0.3371 Cost of Gas \$1.1473 \$1.1496 \$0.2883 \$0.3387 \$0.3371 Tariff Rate G 51: \$0.0504 \$0.0488 \$0.2274 \$0.2256 Monthly Customer Charge \$1.4473 \$1.1496 \$0.2274 \$0.2256 LDAC \$0.0504 \$0.0488 \$0.2274 \$0.2256 Gas Cost Adjustment: \$0.0504 \$0.0488 \$0.2268 \$0.2256 LDAC \$0.0504 \$0.0488 \$0.2689 \$0.2673 \$0.2673 Gas Cost Adjustment: \$1.350.00 \$0.2689 \$0.2673 \$0.2673 LDAC	Monthly Customer Charge All usage \$80.00 \$0.2359 \$0.2863 \$0.2847 \$1.3631 LDAC Gas Cost Adjustment: Cost of Gas \$0.0604 \$0.0488 \$0.2863 \$0.2847 \$1.3631 Tariff Rate G 41: Monthly Customer Charge All usage \$1.0768 \$1.0604 \$0.3877 \$0.3371 \$1.4860 Cost of Gas \$0.2883 \$0.0488 \$0.3387 \$0.3371 \$1.4860 Tariff Rate G 51: Monthly Customer Charge All usage \$1.4473 \$1.1496 \$0.2288 \$0.2288 \$0.2274 \$0.2258 \$1.3042 Tariff Rate G 51: Monthly Customer Charge All usage \$225.00 \$0.1770 \$0.2274 \$0.2258 \$1.3042 Cost of Gas \$1.9768 \$1.0604 \$0.2185 \$0.2268 \$1.3042 Tariff Rate G 42: Monthly Customer Charge All usage \$1.350.00 \$0.2185 \$0.2689 \$1.350.00 \$0.2673 \$1.4162 Gas Cost Adjustment: Cost of Gas \$1.350.00 \$0.2185 \$0.2689 \$1.350.00 \$0.2264 \$1.4162 Tariff Rate G 52: Monthly Customer Charge All usage \$1.350.00 \$0.9064 \$0.1796 \$0.9064 \$0.488 \$1.350.00 \$0.2284 \$1.4268

 Issued: September 816, 2022
 Issued by:
 Robert B. Hevert

 Effective: With Service Rendered On and After SeptemberNovember 1, 2022
 Title:
 Senior Vice President

 Authorized by NHPUC Order Nos. 26,539
 in Docket Nos. DG 21-131_____, dated October 29, 2021_____
 Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE C & I RATES

	Winter <u>Summer</u> Season May 2023 - October 2023 November 2022 - April 2023		ariff ates	Delive	otal ry Rates es LDAC)	Tariff Ra	<u>lled Rates</u> ites, LDAC ost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2556 \$0.0488 \$1.1496			\$80.00 \$0.3044	\$1.4540	\$80.00 <u>\$1.0438</u>
	Cost of Gas	91.1450	<u>40.7394</u>				
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2359 \$0.0488 \$1.0604			\$80.00 \$0.2847	\$1.3451	\$80.00 <u>\$0.9189</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$225.00 \$0.2883 \$0.0488			\$225.00 \$0.3371	\$1.4867	\$225.00 <u>\$1.0765</u>
	Cost of Gas	\$1.1496	<u> 30.7394</u>				
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.1770 \$0.0488 \$1.0604			\$225.00 \$0.2258	\$1.2862	\$225.00 <u>\$0.8600</u>
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,350.00 \$0.2185 \$0.0488 <mark>\$1.1496</mark>			\$1,350.00 \$0.2673	\$1.4169	\$1,350.00 <u>\$1.0067</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.1796 \$0.0488 \$1.0604		\$0.2284	\$1,350.00 <u>\$0.1584</u>	\$1.2888	\$1,350.00 <u>\$0.7926</u>

 Issued:-September 8 16, 2022
 Issued by:
 Robert B. Hevert

 Effective: With Service Rendered On and After September 1, 2022May 1, 2023
 Title:
 Senior Vice President

 Authorized by NHPUC Order Nos. 26,539
 in Docket Nos. DG 21-131_____, dated October 29, 2021_____
 Senior Vice President

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: <u>\$0.711.00 per MMBtu</u> of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company's latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge: § 71.8572.72 per MMBtu per MDPQ per month for November 2021-2022 through April 20222023. Provided on Page 6 of Attachment NUI-FXW-6.

• Updated effective every November 1 to reflect the Company's Peaking resources and associated costs.

III. Company Allowance Calculation: 1.250.97% - Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	PRICING
Pool Administration (required)	• \$0.10/month/customer billed @ marketer level
Non-Daily Metered Pools only	
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

V. Meter Read Charge: \$78 when customer phone line is not reporting daily data.

VI. Meter Read via Cellular Service: \$20.00 per month

Issued:	August 1, 2022September 16, 2022	Issued by:	Robert. B. Hevert
Effective:	August 1, 2022November 1, 2022		Senior Vice President
Authorized	by NHPUC Order No26,650	in Docket No. DG 21-104	dated July 20,2022

NHPUC No. 12 – Gas Northern Utilities, Inc.

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, <u>2021-2022</u> through October 31, <u>20222023</u>.

Commercial and Industrial

	High Winter Use	Low Winter Use
Pipeline:	<u>22.8229.51</u> %	60.95<u>65.64</u>%
Storage:	<u>32.3132.47</u> %	16.23<u>15.82</u>%
Peaking:	4 <u>5.41</u> 38.02%	22.82<u>18.54</u>%

 Issued:
 November 9, 2021September 16, 2022
 Issued by:
 Robert B. Hevert

 Effective:
 November 1, 20212022
 Senior Vice President

 Authorized by NHPUC Order No. 26,539_____in Docket No. DG-21-131____, dated-October 29,
 dated-October 29,

VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)

Appendix D

Re-entry Surcharge and Conversion Surcharge (continued)

D. Information to be Filed with the Commission:

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company's Cost of Gas Clause, the Company will apply such revenues as credits to the Company's New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, 2021–2022 through April 30, 2022–2023 and May 1, 2022–2023 through October 20222023.

Effective Dates:	November 1, 2021 <u>2022</u> – April 30, 2022 <u>2023</u>	May 1, 2022-2023 – October 30, 2022 2023
Re-entry Surcharge:	\$0. <u>0000-0709</u> per therm	\$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$ 0.7543<u>1.5529</u> per therm	\$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$ 0.8641<u>1.6421</u> per therm	\$0.0000 per therm

Issued: November 4, 2021September 16, 2022 Effective: November 1, 20212022

Authorized by NHPUC Order No. 26,539

in Docket No. DG <mark>21-131</mark>

, dated October 29, 2021