

Northern Utilities, Inc.

New Hampshire Division

2023 / 2024 WINTER & SUMMER SEASON PROPOSED COST OF GAS ADJUSTMENT

WINTER RATES TO BE EFFECTIVE NOVEMBER 1, 2023

SUMMER RATES TO BE EFFECTIVE MAY 1, 2024

FILED SEPTEMBER 15, 2023

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New Hampshire Division
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Anticipated Cost of Gas
New Hampshire Division
Period Covered: November 1, 2023 - April 30, 2024

	(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>			
Purchased Gas:			
Demand Costs:		\$4,367,366	
Supply Costs:		\$7,242,684	
Storage & Peaking Gas:			
Demand, Capacity:		\$13,183,877	
Commodity Costs:		\$10,069,783	
Interruptible Included Above		\$0	
Inventory Finance Charge		\$8,639	
Capacity Release, & Asset Management		(\$10,298,558)	
Re-entry Rate & Conversion Rate Revenues		<u>\$ (25,000)</u>	
Total Anticipated Direct Cost of Gas			<u>\$24,548,790</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>			
Adjustments:			
Prior Period Under/(Over) Collection		(\$1,375,864)	
Interest		(\$77,319)	
Refunds		\$0	
<u>Interruptible Margins</u>		<u>\$0</u>	
Total Adjustments			(\$1,453,183)
Working Capital:			
Total Anticipated Direct Cost of Gas		\$24,548,790	
Working Capital Percentage		<u>0.2160%</u>	
Working Capital Allowance		\$ 53,021	
Plus: Working Capital Reconciliation (Acct 173)		\$242	
Total Working Capital Allowance			\$53,233
Bad Debt:			
Bad Debt Allowance		\$136,573	
Plus: Bad Debt Reconciliation (Acct 173)		\$20,873	
Total Bad Debt Allowance			\$157,446
Local Production and Storage Capacity			\$214,538
Miscellaneous Overhead-82.38% Allocated to Winter Season			<u>\$504,091</u>
Total Anticipated Indirect Cost of Gas			(\$523,875)
Total Cost of Gas			<u>\$24,024,915</u>

Issued: September 15, 2023

Issued By: Daniel Hurstak
 Vice President and Treasurer

Effective Date: November 1, 2023

Authorized by NHPUC Order No. _____, in Docket No. DG 23-____, dated _____, 2023

Anticipated Cost of Gas
New Hampshire Division
Period Covered: May 1, 2024 - October 31, 2024

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$ 951,984	
Supply Costs:	\$ 1,728,822	
Storage & Peaking Gas:		
Demand, Capacity:	\$ 497,977	
Commodity Costs:	\$ 41,833	
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>3,220,615</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	\$298,724	
Interest	(\$47,448)	
Refunds	\$0	
<u>Interruptible Margins</u>	\$0	
Total Adjustments		\$251,276
Working Capital:		
Total Anticipated Direct Cost of Gas	\$3,220,615	
Working Capital Percentage	<u>0.2160%</u>	
Working Capital Allowance	\$6,956	
Plus: Working Capital Reconciliation (Acct 173)	\$45	
Total Working Capital Allowance		\$7,001
Bad Debt:		
Bad Debt Allowance	\$20,484	
Plus: Bad Debt Reconciliation (Acct 173)	\$3,119	
Total Bad Debt Allowance		\$23,603
Local Production and Storage Capacity		\$0
Miscellaneous Overhead-17.62% Allocated to Summer Season		\$107,784
Total Anticipated Indirect Cost of Gas		\$389,663
Total Cost of Gas		\$ <u>3,610,279</u>

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CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2023 - April 30, 2024

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$24,487,416	
Projected Prorated Sales (11/01/23 - 04/30/24)	32,992,252	
Direct Cost of Gas Rate		\$0.7422 per therm
Demand Cost of Gas Rate	\$7,227,684	\$0.2191 per therm
Commodity Cost of Gas Rate	<u>\$17,321,106</u>	<u>\$0.5250 per therm</u>
Total Direct Cost of Gas Rate	\$24,548,790	\$0.7441 per therm
Total Anticipated Indirect Cost of Gas	(\$523,875)	
Projected Prorated Sales (11/01/23 - 04/30/24)	32,992,252	
Indirect Cost of Gas		(\$0.0159) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.7282 per therm

RESIDENTIAL COST OF GAS RATE - 11/01/23	COGwr	\$0.7282 per therm
	Maximum (COG+25%)	\$0.9103

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/23	COGwl	\$0.6587 per therm
	Maximum (COG+25%)	\$0.8234

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$424,870
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>(\$1,676)</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$423,195
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131
DEMAND COST OF GAS RATE	\$0.1706
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,245,479
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$4,566</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,250,045
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131
COMMODITY COST OF GAS RATE	\$0.5040
INDIRECT COST OF GAS	(\$0.0159)
TOTAL C&I HLF COST OF GAS RATE	\$0.6587

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/23	COGwh	\$0.7402 per therm
	Maximum (COG+25%)	\$0.9253

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$3,268,276
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>(\$12,889)</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$3,255,387
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	14,311,515
DEMAND COST OF GAS RATE	\$0.2275
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$7,538,022
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$27,635</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$7,565,657
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	14,311,515
COMMODITY COST OF GAS RATE	\$0.5286
INDIRECT COST OF GAS	(\$0.0159)
TOTAL C&I LLF COST OF GAS RATE	\$0.7402

Issued: September 15, 2023
 Effective Date: November 1, 2023
 Authorized by NHPUC Order No. _____, in Docket No. DG 23-____, dated _____.

Issued By: Daniel Hurstak
 Vice President and Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2024 - October 31, 2024

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$3,220,615	
Projected Prorated Sales (05/01/24 - 10/31/24)	7,054,322	
Direct Cost of Gas Rate		\$0.4565 per therm
Demand Cost of Gas Rate	\$1,449,961	\$0.2055 per therm
Commodity Cost of Gas Rate	<u>\$1,770,654</u>	<u>\$0.2510 per therm</u>
Total Direct Cost of Gas Rate	\$3,220,615	\$0.4565 per therm
Total Anticipated Indirect Cost of Gas	\$389,663	
Projected Prorated Sales (05/01/24 - 10/31/24)	7,054,322	
Indirect Cost of Gas		\$0.0552 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.5117 per therm

RESIDENTIAL COST OF GAS RATE - 05/01/24	COGwr	\$0.5117 per therm
Maximum Preapproved Adjustment (COG+25%)*		\$0.6396

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/24	COGwl	\$0.4443 per therm
Maximum Preapproved Adjustment (COG+25%)*		\$0.5554

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$235,276
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>\$21,784</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$257,060
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	1,861,021
DEMAND COST OF GAS RATE	\$0.1381
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$467,121
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$3</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$467,125
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	1,861,021
COMMODITY COST OF GAS RATE	\$0.2510
INDIRECT COST OF GAS	\$0.0552
TOTAL C&I HLF COST OF GAS RATE	\$0.4443

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/24	COGwh	\$0.5622 per therm
Maximum Preapproved Adjustment (COG+25%)*		\$0.7028

C&I LLF DEMAND COSTS ALLOCATED PER SMBA	\$582,672
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$53,949</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$636,621
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	2,486,344
DEMAND COST OF GAS RATE	\$0.2560
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$624,079
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$4</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$624,083
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	2,486,344
COMMODITY COST OF GAS RATE	\$0.2510
INDIRECT COST OF GAS	\$0.0552
TOTAL C&I LLF COST OF GAS RATE	\$0.5622

Issued: September 15, 2023
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Issued By: Daniel Hurstak
 Vice President and Treasurer

Local Delivery Adjustment Clause

Rate Schedule	GAP	EEC	LRR	ERC	ITMC	RCE	RPC	PTAM	RAAM	LDAC
Residential Heating	\$0.0061	\$0.0520	\$0.0000	\$0.0023	\$0.0000	\$0.0000	\$0.0269	\$0.0000	\$0.0010	\$0.0883
Residential Non-Heating	\$0.0061	\$0.0520	\$0.0000	\$0.0023	\$0.0000	\$0.0000	\$0.0269	\$0.0000	\$0.0010	\$0.0883
Small C&I	\$0.0061	\$0.0257	\$0.0000	\$0.0023	\$0.0000	\$0.0000	\$0.0011	\$0.0000	\$0.0010	\$0.0362
Medium C&I	\$0.0061	\$0.0257	\$0.0000	\$0.0023	\$0.0000	\$0.0000	\$0.0011	\$0.0000	\$0.0010	\$0.0362
Large C&I	\$0.0061	\$0.0257	\$0.0000	\$0.0023	\$0.0000	\$0.0000	\$0.0011	\$0.0000	\$0.0010	\$0.0362
No Previous Sales Service										

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Issued by: Daniel Hurstak
 Title: Vice President and Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

Winter Season November 2023 - April 2024		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.9259 \$0.0883 \$0.7282	\$22.20 \$1.0142	\$22.20 \$1.7424
Residential Heating Low Income	<u>Tariff Rate R 10:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.9259 \$0.0883 \$0.7282 (\$9.99) (\$0.4167) \$0.0000 (\$0.3277)	\$22.20 \$1.0142 (\$9.99) (\$0.4167)	\$22.20 \$1.7424 (\$9.99) (\$0.7443)
Residential Non-Heating	<u>Tariff Rate R 6:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$1.4005 \$0.0883 \$0.7282	\$22.20 \$1.4888	\$22.20 \$2.2170

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

Issued: September 15, 2023
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Issued by: **Daniel Hurstak**
 Title: Vice President and Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

Summer Season May 2024 - October 2024		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.9259 \$0.0883 \$0.5117	\$22.20 \$1.0142	\$22.20 \$1.5259
Residential Heating Low Income	<u>Tariff Rate R 10:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.9259 \$0.0883 \$0.5117	\$22.20 \$1.0142	\$22.20 \$1.5259
Discount*	Monthly Customer Charge	\$0.00	\$0.00	\$0.00
Discount*	All usage	\$0.0000	\$0.0000	\$0.0000
Discount*	LDAC	\$0.0000		
Discount*	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.0000		
Residential Non-Heating	<u>Tariff Rate R 6:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$1.4005 \$0.0883 \$0.5117	\$22.20 \$1.4888	\$22.20 \$2.0005

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

Issued: September 15, 2023
 Effective: With Service Rendered On and After May 1, 2024
 Authorized by NHPUC Order Nos. _____ in Docket Nos. DG _____, dated _____

Issued by: Daniel Hurstak
 Title: Vice President and Treasurer

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

Winter Season November 2023 - April 2024		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: Cost of Gas	\$80.00 \$0.2554 \$0.0362 \$0.7402	\$80.00 \$0.2916	\$80.00 \$1.0318
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2338 \$0.0362 \$0.6587	\$80.00 \$0.2700	\$80.00 \$0.9287
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.2881 \$0.0362 \$0.7402	\$225.00 \$0.3243	\$225.00 \$1.0645
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.1763 \$0.0362 \$0.6587	\$225.00 \$0.2125	\$225.00 \$0.8712
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.2182 \$0.0362 \$0.7402	\$1,350.00 \$0.2544	\$1,350.00 \$0.9946
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 \$0.1791 \$0.0362 \$0.6587	\$1,350.00 \$0.2153	\$1,350.00 \$0.8740

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Issued by: Daniel Hurstak
 Title: Vice President and Treasurer

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

Summer Season May 2024 - October 2024		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2554 \$0.0362 \$0.5622	\$80.00 \$0.2916	\$80.00 \$0.8538
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2338 \$0.0362 \$0.4443	\$80.00 \$0.2700	\$80.00 \$0.7143
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.2881 \$0.0362 \$0.5622	\$225.00 \$0.3243	\$225.00 \$0.8865
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.1763 \$0.0362 \$0.4443	\$225.00 \$0.2125	\$225.00 \$0.6568
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.2182 \$0.0362 \$0.5622	\$1,350.00 \$0.2544	\$1,350.00 \$0.8166
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.1094 \$0.0362 \$0.4443	\$1,350.00 \$0.1456	\$1,350.00 \$0.5899

Issued: September 15, 2023

Effective: With Service Rendered On and After May 1, 2024

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

Issued by:

Title:

Daniel Hurstak

Vice President and Treasurer

VII. DELIVERY SERVICE TERMS AND CONDITION

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.82 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: \$ 94.46 per MMBtu per MDPQ per month for November 2023 through April 2024. 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: 0.72% - Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
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

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Issued by: Daniel Hurstak

Effective: November 1, 2023

Vice President and Treasurer

Authorized by NHPUC Order No. _____ in Docket No. DG 23 - _____, 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, 2023 through October 31, 2024.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	14.38%	64.41%
Storage:	47.63%	19.80%
Peaking:	37.99%	15.79%

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Issued by: Daniel Hurstak
Vice President and Treasurer

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, 2023 through April 30, 2024 and May 1, 2024 through October 2024.

Effective Dates:	November 1, 2023 – April 30, 2024	May 1, 2024 – October 30, 2024
Re-entry Surcharge:	\$0.0431 per therm	\$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0.4875 per therm	\$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0.5690 per therm	\$0.0000 per therm

Issued: September 15, 2023
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Issued by: Daniel Hurstak
Title: Vice President and Treasurer

Anticipated Cost of Gas

New Hampshire Division

Period Covered: November 1, 2022 - October 31, 2023

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$ 6,358,704	\$ 4,367,366
Supply Costs:	\$ 20,129,627	\$ 7,242,684
Storage & Peaking Gas:		
Demand, Capacity:	\$ 12,558,149	\$ 13,183,877
Commodity Costs:	\$ 11,531,402	\$ 10,069,783
Interruptible Included Above	\$ _____	\$ -
Inventory Finance Charge	\$ 6,382	\$ 8,639
Capacity Release	\$ (8,570,786)	\$ (10,298,558)
Re-entry Rate & Conversion Rate Revenues	\$ (5,000)	\$ (25,000)
Total Anticipated Direct Cost of Gas	\$ 42,008,180	\$ 24,548,790
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	\$ (2,757,176)	\$ (1,375,864)
Interest	\$ (54,387)	\$ (77,319)
Refunds	\$ _____	\$ -
<u>Interruptible Margins</u>	<u>\$ _____</u>	<u>\$ -</u>
Total Adjustments	\$ (2,811,563)	\$ (1,453,183)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$ 42,008,180	\$ 24,548,790
Working Capital Percentage	0.1588%	0.2160%
Working Capital Allowance	\$ 66,714	\$ 53,021
Plus: Working Capital Reconciliation (Acct 173)	\$ 7,437	\$ 212
Total Working Capital Allowance	\$ 74,150	\$ 53,233
Bad Debt:		
Bad Debt Allowance	\$ 121,564	\$ 136,573
Plus: Bad Debt Reconciliation (Acct 173)	\$ (10,671)	\$ 20,873
Total Bad Debt Allowance	\$ 110,893	\$ 157,446
Local Production and Storage Capacity	\$ 214,538	\$ 214,538
Miscellaneous Overhead - 80.46 <u>82.38</u>% Allocated to Winter Season	\$ 492,287	\$ 504,091
Total Anticipated Indirect Cost of Gas	\$ (1,919,694)	\$ (523,875)
Total Cost of Gas	\$ 40,088,486	\$ 24,024,915

Issued: ~~November 2, 2022~~ September 15, 2023

Effective Date: November 1, 2022 ~~23~~

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Issued By: Robert B. Hever Daniel Hurstak
Senior Vice President and Treasurer

Anticipated Cost of Gas

New Hampshire Division

Period Covered: ~~May 1, 2023~~²⁰²⁴ - October 31, ~~2023~~²⁴

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	\$1,055,340	<u>\$951,984</u>		
Supply Costs:	\$4,140,569	<u>\$1,728,822</u>		
Storage & Peaking Gas:				
Demand, Capacity:	\$397,527	<u>\$497,977</u>		
Commodity Costs:	\$162,908	<u>\$41,833</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		
Total Anticipated Direct Cost of Gas			\$5,756,344	<u>\$3,220,615</u>
ANTICIPATED INDIRECT COST OF GAS				
Adjustments:				
Prior Period Under/(Over) Collection	\$94,114	<u>\$298,724</u>		
Interest	(\$31,303)	<u>(\$47,448)</u>		
Refunds	\$0	\$0		
Interruptible Margins	\$0	\$0		
Total Adjustments			\$62,811	<u>\$251,276</u>
Working Capital:				
Total Anticipated Direct Cost of Gas	\$5,756,344	<u>\$3,220,615</u>		
Working Capital Percentage	0.1588%	<u>0.2160%</u>		
Working Capital Allowance	\$9,142	<u>\$6,956</u>		
Plus: Working Capital Reconciliation (Acct 173)	\$1,807	<u>\$45</u>		
Total Working Capital Allowance			\$10,948	<u>\$7,001</u>
Bad Debt:				
Bad Debt Allowance	\$17,079	<u>\$20,484</u>		
Plus: Bad Debt Reconciliation (Acct 173)	(\$562)	<u>\$3,119</u>		
Total Bad Debt Allowance			\$16,517	<u>\$23,603</u>
Local Production and Storage Capacity			\$0	<u>\$0</u>
Miscellaneous Overhead -19.54 ^{17.64} % Allocated to the Summer Season			\$119,588	<u>\$107,784</u>
Total Anticipated Indirect Cost of Gas			\$209,865	<u>\$389,663</u>
Total Cost of Gas			\$5,966,208	<u>\$3,610,279</u>

Issued: ~~November 2, 2022~~ September 15, 2023

Effective Date: May 1, ~~2023~~ 2024

Authorized by NHPUC Order No. _____, in Docket No. DG 23-____, dated _____, 2023

~~Robert B. Hevert~~ Daniel Hurstak
 Senior Vice President and Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2022 - April 30, 2023

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	\$42,068,180	\$24,487,416	
Projected Prorated Sales (11/01/22-04/30/23)	35,507,405	32,992,252	
Direct Cost of Gas Rate			\$1,1831 \$0,7422 per therm
Demand Cost of Gas Rate	\$40,344,068	\$7,227,684	\$0,2842 \$0,2191 per therm
Commodity Cost of Gas Rate	\$31,667,112	\$17,321,106	\$0,8948 \$0,5250 per therm
Total Direct Cost of Gas Rate	\$42,068,180	\$24,548,790	\$1,1830 \$0,7441 per therm
Total Anticipated Indirect Cost of Gas	(\$1,010,694)	(\$523,875)	
Projected Prorated Sales (11/01/22-04/30/23)	35,507,405	32,992,252	
Indirect Cost of Gas			(\$0,0541) (\$0,0159) per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$1,1289 \$0,7282 per therm
Period ending under-collection to be recovered as determined on 11/21/2022			(\$814,844)
Projected Sales (12/01/22 - 04/30/2023)			30,815,569
Per-unit change in Cost of Gas (12/01/22 - 04/30/23)			(\$0,0297)
Period ending under-collection to be recovered as determined on 12/21/2022			(\$904,037)
Projected Sales (01/01/23 - 04/30/2023)			24,038,417
Per-unit change in Cost of Gas (01/01/23 - 04/30/23)			(\$0,0414)
Period ending under-collection to be recovered as determined on 2/21/2023			(\$1,014,281)
Projected Sales (03/01/23 - 04/30/2023)			9,189,871
Per-unit change in Cost of Gas (03/01/23 - 04/30/23)			(\$0,1104)
Period ending under-collection to be recovered as determined on 3/22/2023			(\$864,628)
Projected Sales (04/01/23 - 04/30/2023)			3,360,882
Per-unit change in Cost of Gas (04/01/23 - 04/30/23)			(\$0,2572)

RESIDENTIAL COST OF GAS RATE - 04/01/23-11/01/2023	COGwr	\$0,6902	\$0,7282	per therm
	Maximum (COG+25%)	\$1,4114	\$0,9103	
RESIDENTIAL COST OF GAS RATES - 11/01/2022		\$1,1289		
CHANGE IN PER UNIT COST		(\$0,0297)		
RESIDENTIAL COST OF GAS RATES - 12/01/2022		\$1,0992		
CHANGE IN PER UNIT COST		(\$0,0414)		
RESIDENTIAL COST OF GAS RATES - 01/01/2023		\$1,0578		
CHANGE IN PER UNIT COST		(\$0,1104)		
RESIDENTIAL COST OF GAS RATES - 03/01/2023		\$0,9474		
CHANGE IN PER UNIT COST		(\$0,2572)		
RESIDENTIAL COST OF GAS RATES - 04/01/2023		\$0,6902		

COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/23-11/01/2023	COGwl	\$0,6149	\$0,6587	per therm
	Maximum (COG+25%)	\$1,3170	\$0,8234	
COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2022		\$1,0536		
CHANGE IN PER UNIT COST		(\$0,0297)		
COM/IND LOW WINTER USE COST OF GAS RATES - 12/01/2022		\$1,0239		
CHANGE IN PER UNIT COST		(\$0,0414)		
COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2023		\$0,9825		
CHANGE IN PER UNIT COST		(\$0,1104)		
COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2023		\$0,8721		
CHANGE IN PER UNIT COST		(\$0,2572)		
COM/IND LOW WINTER USE COST OF GAS RATES - 04/01/2023		\$0,6149		
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$424,870			
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	(\$1,676)			
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$423,195			
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131			
DEMAND COST OF GAS RATE	\$0,1706			
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,245,479			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	\$4,566			
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,250,045			
C&I HLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	2,480,131			
COMMODITY COST OF GAS RATE	\$0,5040			
INDIRECT COST OF GAS	(\$0,0159)			
TOTAL C&I HLF COST OF GAS RATE	\$0,6587			

COM/IND HIGH WINTER USE COST OF GAS RATE - 04/01/23-11/01/2023	COGwh	\$0,7044	\$0,7402	per therm
	Maximum (COG+25%)	\$1,4285	\$0,9253	
COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2022		\$1,1428		
CHANGE IN PER UNIT COST		(\$0,0297)		
COM/IND HIGH WINTER USE COST OF GAS RATES - 12/01/2022		\$1,1131		
CHANGE IN PER UNIT COST		(\$0,0414)		
COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2023		\$1,0717		
CHANGE IN PER UNIT COST		(\$0,1104)		
COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2023		\$0,9613		
CHANGE IN PER UNIT COST		(\$0,2572)		
COM/IND HIGH WINTER USE COST OF GAS RATES - 04/01/2023		\$0,7044		
C&I LLF DEMAND COSTS ALLOCATED PER SMBA	\$3,268,276			
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	(\$12,889)			
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$3,255,387			
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	\$14,311,515			
DEMAND COST OF GAS RATE	\$0,2275			
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$7,538,022			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	\$27,635			
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$7,565,657			
C&I LLF PROJECTED PRORATED SALES (11/01/23 - 04/30/24)	14,311,515			
COMMODITY COST OF GAS RATE	\$0,5286			
INDIRECT COST OF GAS	(\$0,0159)			
TOTAL C&I LLF COST OF GAS RATE	\$0,7402			

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2023~~4~~ - October 31, 2023~~4~~

(Col 1)	(Col 2)	(Col 3)		
Total Anticipated Direct Cost of Gas	\$5,756,344	\$3,220,615		
Projected Prorated Sales (05/01/2123 4 - 10/31/2023 4)	<u>8,625,565</u>	<u>7,054,322</u>		
Direct Cost of Gas Rate			\$0.6674	\$0.4565 per therm
Demand Cost of Gas Rate	\$1,452,867	\$1,449,961	\$0.1684	\$0.2055 per therm
Commodity Cost of Gas Rate	\$4,303,477	\$1,770,654	\$0.4989	\$0.2510 per therm
Total Direct Cost of Gas Rate	\$5,756,344	\$3,220,615	\$0.6673	\$0.4565 per therm
Total Anticipated Indirect Cost of Gas	\$209,865	\$389,663		
Projected Prorated Sales (05/01/2123 4 - 10/31/2023 4)	<u>8,625,565</u>	<u>7,054,322</u>		
Indirect Cost of Gas			\$0.0243	\$0.0552 per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.6916	\$0.5117 per therm
Period ending under collection to be recovered – per April Report	(\$2,767,026)			
Projected sales (05/01/23 – 10/31/23)	8,625,565			
Per unit change in Cost of Gas (05/01/23 – 10/31/23)	(\$0.3208)			

RESIDENTIAL COST OF GAS RATE	0905/01/23 24	COGwr	\$0.3708	\$0.5117	per therm
		Maximum Preapproved Adjustment (COG+25%)*	\$0.8645	\$0.6396	
INITIAL RESIDENTIAL COST OF GAS RATE – 05/01/23			\$0.6916		
CHANGE IN PER UNIT COST			(\$0.3208)		
REVISED RESIDENTIAL COST OF GAS RATE – 05/01/23			\$0.3708		

COM/IND LOW WINTER USE COST OF GAS RATE	0905/01/23 24	COGwl	\$0.3123	\$0.4443	per therm
		Maximum Preapproved Adjustment (COG+25%)*	\$0.7914	\$0.5554	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE – 5/01/23			\$0.6334		
CHANGE IN PER UNIT COST			(\$0.3208)		
REVISED COM/IND LOW WINTER USE COST OF GAS RATE – 05/01/23			\$0.3123		

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$235,276
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	<u>\$21,784</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$257,060
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	<u>1,861,021</u>
DEMAND COST OF GAS RATE	<u>\$0.1381</u>
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$467,121
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$3</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$467,125
C&I HLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	<u>1,861,021</u>
COMMODITY COST OF GAS RATE	<u>\$0.2510</u>
INDIRECT COST OF GAS	<u>\$0.0552</u>
TOTAL C&I HLF COST OF GAS RATE	<u>\$0.4443</u>

COM/IND HIGH WINTER USE COST OF GAS RATE	0905/01/23 24	COGwh	\$0.4175	\$0.5622	per therm
		Maximum Preapproved Adjustment (COG+25%)*	\$0.9228	\$0.7028	
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE – 05/01/22			\$0.7383		
CHANGE IN PER UNIT COST			(\$0.3208)		
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE – 05/01/22			\$0.4175		

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$582,672
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$53,949</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$636,621
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	<u>2,486,344</u>
DEMAND COST OF GAS RATE	<u>\$0.2560</u>
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$624,079
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$4</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$624,083
C&I LLF PROJECTED PRORATED SALES (05/01/24 - 10/31/24)	<u>2,486,344</u>
COMMODITY COST OF GAS RATE	<u>\$0.2510</u>
INDIRECT COST OF GAS	<u>\$0.0552</u>
TOTAL C&I LLF COST OF GAS RATE	<u>\$0.5622</u>

Local Delivery Adjustment Clause

Rate Schedule	GAP	GAP	EEC	LRR	ERG	ERC	ITMC	RCE	RCE	RPC	RPC	PTAM	PTAM	RAAM	RAAM	LDAC	LDAG
Residential Heating	\$0.0037	\$0.0061	\$0.0520	\$0.0000	\$0.0058	\$0.0023	\$0.0000	\$0.0048	\$0.0000	\$0.1206	\$0.0269	\$0.0000	\$0.0000	\$0.0002	\$0.0010	\$0.0883	\$0.1874
Residential Non-Heating	\$0.0037	\$0.0061	\$0.0520	\$0.0000	\$0.0058	\$0.0023	\$0.0000	\$0.0048	\$0.0000	\$0.1206	\$0.0269	\$0.0000	\$0.0000	\$0.0002	\$0.0010	\$0.0883	\$0.1874
Small C&I	\$0.0037	\$0.0061	\$0.0257	\$0.0000	\$0.0058	\$0.0023	\$0.0000	\$0.0048	\$0.0000	\$0.0404	\$0.0011	\$0.0000	\$0.0000	\$0.0002	\$0.0010	\$0.0362	\$0.0503
Medium C&I	\$0.0037	\$0.0061	\$0.0257	\$0.0000	\$0.0058	\$0.0023	\$0.0000	\$0.0048	\$0.0000	\$0.0404	\$0.0011	\$0.0000	\$0.0000	\$0.0002	\$0.0010	\$0.0362	\$0.0503
Large C&I	\$0.0037	\$0.0061	\$0.0257	\$0.0000	\$0.0058	\$0.0023	\$0.0000	\$0.0048	\$0.0000	\$0.0404	\$0.0011	\$0.0000	\$0.0000	\$0.0002	\$0.0010	\$0.0362	\$0.0503
No Previous Sales Service																	

Issued: ~~September~~ December 15, 2022
 Effective: With Service Rendered On and After ~~November~~ January 1, 2023
 Authorized by NHPUC Order No. 26-745 in Docket No. ~~DE-22-084~~, dated December 14, 2022

Issued by:
Title:

~~Daniel Hurstak~~ Robert B. Hevert
Senior Vice President ~~and Treasurer~~

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

	<u>Summer</u> <u>Winter Season</u> <u>May 2023 – October 2023</u> <u>November 2023 - April 2024</u>	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	Tariff Rate R 5: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.9259 \$0.1874 <u>\$0.0883</u> \$0.6902 <u>\$0.7282</u>	\$22.20 \$1.1130 <u>\$1.0142</u>	\$22.20 \$1.8032 <u>\$1.7424</u>
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge Low income All usage LDAC Gas Cost Adjustment: Cost of Gas Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.9259 \$0.1874 <u>\$0.0883</u> \$0.6902 <u>\$0.7282</u> \$0.0000 <u>(\$9.99)</u> \$0.0000 <u>(\$0.4167)</u> \$0.0000 \$0.0000 <u>(\$0.3277)</u>	\$22.20 \$1.1130 <u>\$1.0142</u> (\$9.99) \$0.0000 <u>(\$0.4167)</u>	\$22.20 \$1.8032 <u>\$1.7424</u> (\$9.99) \$0.0000 <u>(\$0.7443)</u>
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$1.4005 \$0.1874 <u>\$0.0883</u> \$0.6902 <u>\$0.7282</u>	\$22.20 \$1.5876 <u>\$1.4888</u>	\$22.20 \$2.2778 <u>\$2.2170</u>

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

Issued: ~~July 19~~ September 15, 2023

Effective: With Service Rendered On and After ~~August~~ November 1, 2023

Authorized by NHPUC Order Nos. ~~26,743~~ _____ in Docket Nos. DG ~~22-059~~ _____, dated ~~October 27, 2022~~ _____

Issued by: ~~Robert B. Hevert~~ Daniel Hurstak

Title: ~~Senior Vice President and Treasurer~~

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 CURRENTLY EFFECTIVE RESIDENTIAL RATES

	<u>Winter Season</u> <u>May 2024 - October 2024</u> November 2023 - April 2024	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	Tariff Rate R 5: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.9259 \$0.1874 <u>\$0.0883</u> \$0.3708 <u>\$0.5117</u>	\$22.20 \$1.1130 <u>\$1.0142</u>	\$22.20 \$1.4838 <u>\$1.5259</u>
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.9259 \$0.1874 <u>\$0.0883</u> \$0.3708 <u>\$0.5117</u>	\$22.20 \$1.1130 <u>\$1.0142</u>	\$22.20 \$1.4838 <u>\$1.5259</u>
Discount	Monthly Customer Charge	(\$0.99) <u>\$0.0000</u>	(\$0.99) <u>\$0.0000</u>	(\$0.99) <u>\$0.0000</u>
Discount	All usage	(\$0.4167) <u>\$0.0000</u>	(\$0.4167) <u>\$0.0000</u>	(\$0.5835) <u>\$0.0000</u>
Discount	LDAC	\$0.0000 \$0.0000		
Discount	Gas Cost Adjustment: Cost of Gas	(\$0.1669) <u>\$0.0000</u>		
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$1.4005 \$0.1874 <u>\$0.0883</u> \$0.3708 <u>\$0.5117</u>	\$22.20 \$1.5876 <u>\$1.4888</u>	\$22.20 \$1.9584 <u>\$2.0005</u>

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

Issued: September 15, 2023

Effective: With Service Rendered On and After ~~November 1, 2023~~ May 1, 2024

Authorized by NHPUC Order Nos. 26,743 in Docket Nos. DG 22-059, dated ~~October 27, 2022~~

Issued by: ~~Robert B. Hevert~~ Daniel Hurstak

Title: ~~Senior Vice President~~ and Treasurer

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

	Summer Winter Season May 2023 - October 2023 November 2023 - April 2024	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: Cost of Gas	\$80.00 \$0.2554 \$0.0503 \$0.0362 \$0.7044 \$0.7402	\$80.00 \$0.3057 \$0.2916	\$80.00 \$1.0098 \$1.0318
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2338 \$0.0503 \$0.0362 \$0.6449 \$0.6587	\$80.00 \$0.2844 \$0.2700	\$80.00 \$0.8990 \$0.9287
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.2881 \$0.0503 \$0.0362 \$0.7044 \$0.7402	\$225.00 \$0.3384 \$0.3243	\$225.00 \$1.0425 \$1.0645
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.1763 \$0.0503 \$0.0362 \$0.6449 \$0.6587	\$225.00 \$0.2266 \$0.2125	\$225.00 \$0.8415 \$0.8712
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.2182 \$0.0503 \$0.0362 \$0.7044 \$0.7402	\$1,350.00 \$0.2685 \$0.2544	\$1,350.00 \$0.9726 \$0.9946
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 \$0.1094 \$0.1791 \$0.0503 \$0.0362 \$0.6449 \$0.6587	\$1,350.00 \$0.1597 \$0.2153	\$1,350.00 \$0.7746 \$0.8740

Issued: ~~July 19~~ September 15, 2023

Effective: With Service Rendered On and After ~~August~~ November 1, 2023

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Issued by: ~~Robert B. Hevert~~ Daniel Hurstak

Title: Senior Vice President and Treasurer

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

	Winter Summer Season <u>May 2024 - October 2024</u> <u>November 2023 - April 2024</u>	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: Cost of Gas	\$80.00 \$0.2554 \$0.0503 <u>\$0.0362</u> \$0.4175 <u>\$0.5622</u>	\$80.00 \$0.3057 <u>\$0.2916</u>	\$80.00 \$0.7232 <u>\$0.8538</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 \$0.2338 \$0.0503 <u>\$0.0362</u> \$0.3423 <u>\$0.4443</u>	\$80.00 \$0.2841 <u>\$0.2700</u>	\$80.00 \$0.5964 <u>\$0.7143</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.2338 \$0.0503 <u>\$0.0362</u> \$0.4175 <u>\$0.5622</u>	\$225.00 \$0.3384 <u>\$0.3243</u>	\$225.00 \$0.7559 <u>\$0.8865</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 \$0.1763 \$0.0503 <u>\$0.0362</u> \$0.3423 <u>\$0.4443</u>	\$225.00 \$0.2266 <u>\$0.2125</u>	\$225.00 \$0.5389 <u>\$0.6568</u>
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.2182 \$0.0503 <u>\$0.0362</u> \$0.4175 <u>\$0.5622</u>	\$1,350.00 \$0.2685 <u>\$0.2544</u>	\$1,350.00 \$0.6860 <u>\$0.8166</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 \$0.1794 <u>\$0.1094</u> \$0.0503 <u>\$0.0362</u> \$0.3423 <u>\$0.4443</u>	\$1,350.00 \$0.2294 <u>\$0.1456</u>	\$1,350.00 \$0.5417 <u>\$0.5899</u>

Issued: September 15, 2023

Effective: With Service Rendered On and After ~~November 1, 2023~~ May 1, 2024

Authorized by NHPUC Order Nos. 26,539 in Docket Nos. DG 24-134, dated ~~October 29, 2021~~

Issued by:

Robert B. Hevert Daniel Hurstak
 Title: Senior Vice President and Treasurer

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: ~~\$1.00~~0.82 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: ~~\$ 72.72~~94.46 per MMBtu per MDPQ per month for November ~~2022~~2023 through April ~~2023~~2024. 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: ~~0.97~~72% - Provided in Attachment NUI-FXW-3

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
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: ~~November 2, 2022~~September 15, 2023

Issued by: ~~Robert B. Hevert~~Daniel Hurstak

Effective: ~~August 1, 2022~~November 1, 2023

~~Senior~~Vice President and Treasurer

Authorized by NHPUC Order No. ~~26,713~~_____ in Docket No. DG ~~22-059~~_____ dated ~~October 27, 2022~~_____.

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~~ 2023 through October 31, ~~2023~~ 2024.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	29.51 <u>14.38</u> %	65.64 <u>64.41</u> %
Storage:	32.47 <u>47.63</u> %	15.82 <u>19.80</u> %
Peaking:	38.02 <u>37.99</u> %	18.54 <u>15.79</u> %

Issued: ~~November 2, 2022~~ September 15, 2023

Issued by: ~~Robert B. Hevert~~ Daniel Hurstak
~~Senior Vice President and Treasurer~~

Effective: November 1, ~~2022~~ 2023

Authorized by NHPUC Order No. ~~26,713~~ _____ in Docket No. ~~DG-22-059~~ _____, dated ~~October 27, 2022~~ _____.

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, ~~2022-2023~~ through April 30, ~~2023-2024~~ and May 1, ~~2023-2024~~ through October ~~2023~~2024.

Effective Dates:	November 1, 2022 2023 – April 30, 2023 2024	May 1, 2023-2024 – October 30, 2023 2024
Re-entry Surcharge:	\$ 0.0709 0.431 per therm	\$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$ 1.5529 0.4875 per therm	\$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$ 1.6421 0.5690 per therm	\$0.0000 per therm

Issued: ~~November 2, 2022~~September 15, 2023

Issued by: ~~Robert B. Hevert~~Daniel
Hurstak

Effective: November 1, ~~2022~~2023

Title: ~~Senior~~Vice President and
Treasurer

Authorized by NHPUC Order No. ~~26,713~~_____, in Docket No. DG ~~22-059~~_____, dated ~~October 27,~~
~~2022~~_____.