Anticipated Cost of Gas

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

(Col 1) (Col 2) (Col 3) **ANTICIPATED DIRECT COST OF GAS**

Purchased Gas:

Demand Costs: \$6,358,704 Supply Costs: \$20,129,627

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 (5,000)

Total Anticipated Direct Cost of Gas \$42,008,180

ANTICIPATED INDIRECT COST OF GAS

Adjustments:

Prior Period Under/(Over) Collection (\$2,757,176)Interest (\$54,387)Refunds \$0 Interruptible Margins \$0

(\$2,811,562) **Total Adjustments**

Working Capital:

Total Anticipated Direct Cost of Gas \$42,008,180 Working Capital Percentage 0.1588% Working Capital Allowance 66,714

Plus: Working Capital Reconciliation (Acct 173) \$7,437

Total Working Capital Allowance \$74,150

Bad Debt:

Total Cost of Gas

Bad Debt Allowance \$121,564 Plus: Bad Debt Reconciliation (Acct 173) (\$10,671)

Total Bad Debt Allowance \$110,893

Local Production and Storage Capacity \$214,538 Miscellaneous Overhead-80.46% Allocated to Winter Season \$492,287 **Total Anticipated Indirect Cost of Gas** (\$1,919,694)

Issued: November 2, 2022 Issued By: Robert B. Hevert

Effective Date: November 1, 2022 Senior Vice President

\$40,088,486

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

Anticipated Cost of Gas

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

reliou Coveleu. Ma	y 1, 4	2023 - OCTOBEL 31,	2023
(Col 1)		(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS			
Purchased Gas: Demand Costs:	\$	1,055,340	
Supply Costs:	\$	4,140,569	
• • •	Ψ	4,140,000	
Storage & Peaking Gas:	•	207 507	
Demand, Capacity:	\$	397,527	
Commodity Costs:	\$	162,908	
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		\$94,114	
Interest		(\$31,303)	
Refunds		\$0	
Interruptible Margins		\$0_	
Total Adjustments			\$62,811
Working Capital:			
Total Anticipated Direct Cost of Gas		\$5,756,344	
Working Capital Percentage		0.159%	
Working Capital Allowance		\$9,142	
Plus: Working Capital Reconciliation (Acct 173)		\$1,807	
Total Working Capital Allowance			\$10,948
Bad Debt:			
Bad Debt Allowance		\$17,079	
Plus: Bad Debt Reconciliation (Acct 173)		(\$562)	
T. (D. (D. (A))			A 40.547
Total Bad Debt Allowance			\$16,517
Local Production and Storage Capacity	\$0		
Miscellaneous Overhead-19.54% Allocated to Summer Seas	on		\$119,588
Total Anticipated Indirect Cost of Gas			\$209,865
Total Cost of Gas			\$5,966,208

Issued: November 2, 2022 Issued By: Robert B. Hevert

Effective Date: May 1, 2023 Senior Vice President

Authorized by NHPUC Order No. 26,713, in Docket No. DG 22-059, dated October 27, 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 Projected Prorated Sales (11/01/22 - 04/30/23) Direct Cost of Gas Rate	\$42,008,180 35,507,405	\$1.1831	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$10,341,068 \$ <u>31,667,112</u> \$42,008,180	\$0.2912 \$ <u>0.8918</u> \$1.1830	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/22 - 04/30/23) Indirect Cost of Gas	(\$1,919,694) 35,507,405	(\$0.0541)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.1289	per therm
RESIDENTIAL COST OF GAS RATE -11/01/22	COGwr	\$1.1289	per therm
	Maximum (COG+25%)	\$1.4112	
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/22	COGwl	\$1.0536	per therm
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/22	COGwl Maximum (COG+25%)	\$1.0536 \$1.3170	per therm
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/22 C&I HLF DEMAND COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED DEMAND COSTS C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23) DEMAND COST OF GAS RATE			per therm
C&I HLF DEMAND COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED DEMAND COSTS C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	\$569,531 \$8,570 \$578,101 2,898,272		per therm
C&I HLF DEMAND COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED DEMAND COSTS C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23) DEMAND COST OF GAS RATE C&I HLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED COMMODITY COSTS C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	\$569,531 \$8,570 \$578,101 2,898,272 \$0.1995 \$2,634,583 (\$2,272) \$2,632,312 2,898,272		per therm

M/IND HIGH WINTER USE COST OF GAS RATE - 11/01/22	COGwh	\$1.1428	per therm
	Maximum (COG+25%)	\$1.4285	
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	(\$0.0541)		
TOTAL C&I LLF COST OF GAS RATE	\$1.1428		

Issued: November 2, 2022

Effective Date: November 1, 2022

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

Issued By:

Robert B. Hevert
Senior Vice President

Issued: November 2, 2022

Effective Date: May 1, 2023
Authorized by NHPUC Order No. 26,713, in Docket No. DG 22-059, dated October 27, 2022.

CALCULATION OF FIRM SALES COST OF GAS RATE

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

RESIDENTIAL COST OF GAS RATE -05/01/23	COGwr	\$0.6916	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.6916	per therm
Indirect Cost of Gas	-,,,,	\$0.0243	per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23)	\$209,865 8,625,565		
Total Direct Cost of Gas Rate	\$5,756,344	\$0.6673	per therm
Commodity Cost of Gas Rate	\$4,303,477	\$0.4989	per therm
Demand Cost of Gas Rate	\$1,452,867	\$0.1684	per therm
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/23 - 10/31/23) Direct Cost of Gas Rate	\$5,756,344 8,625,565	\$0.6674	per therm
(Col 1)	(Col 2)	(Col 3)	

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/23	COGwl	\$0.6331	per therm
Maxim	num Preapproved Adjustment (COG+25%)*	\$0.7914	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED DEMAND COSTS C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23) DEMAND COST OF GAS RATE	\$230,600 \$11,833 \$242,434 2,206,001 \$0.1099		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF C&I HLF TOTAL ADJUSTED COMMODITY COSTS C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23) COMMODITY COST OF GAS RATE	\$1,100,620 \$34 \$1,100,655 2,206,001 \$0.4989		
INDIRECT COST OF GAS	\$0.0243		
TOTAL C&I HLF COST OF GAS RATE	\$0.6331		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/23	COGwh	\$0.7383	per therm
Maxim	num Preapproved Adjustment (COG+25%)*	\$0.9229	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$566,892		
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$29,091		
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$595,983		
C&I LLF PROJECTED PRORATED SALES (05/01/23 - 10/31/23)	2,770,809		
DEMAND COST OF GAS RATE	\$0.2151		
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 (05/01/23 - 10/31/23)	2,770,809		
COMMODITY COST OF GAS RATE	\$0.4989		
INDIRECT COST OF GAS	\$0.0243		
TOTAL C&I LLF COST OF GAS RATE	\$0.7383		

Issued By:

Title:

Robert B. Hevert

Senior Vice President

Ninth Revised Page 62 Superseding Eighth Revised Page 62

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	\$0.0048	\$0.1206	\$0.0000	\$0.0002	\$0.1850
Residential Non-Heating	\$0.0037	\$0.0499	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.1206	\$0.0000	\$0.0002	\$0.1850
Small C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.0101	\$0.0000	\$0.0002	\$0.0493
Medium C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.0101	\$0.0000	\$0.0002	\$0.0493
Large C&I	\$0.0037	\$0.0247	\$0.0000	\$0.0058	\$0.0000	\$0.0048	\$0.0101	\$0.0000	\$0.0002	\$0.0493
No Previous Sales Service										

Issued: November 2, 2022

Effective: With Service Rendered On and After November 1, 2022

Authorized by NHPUC Order No. 26,713 in Docket No. DG 22-059, dated October 27, 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	\$1.1116	\$2.2405	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1289			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$22.20	\$22.20	\$22.20	
	All usage	\$0.9266	\$1.1116	\$2.2405	
	LDAC	\$0.1850	*******	V =12.00	
	Gas Cost Adjustment:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	Cost of Gas	\$1.1289			
	Monthly Customer Charge	(\$9.99)	(\$9.99	(\$9.99	
	All usage	(\$0.4170)	(\$0.4170)	(\$0.9250)	
	LDAC	\$0.0000	(ψυ.Ψ170)	(ψ0.3230)	
	Gas Cost Adjustment:	ψ0.0000			
	Cost of Gas	(\$0.5080)			
	0030 01 003	(\$0.0000)			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20	
	All usage	\$1.4053	\$1.5903	\$2.7192	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1289			

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

 Issued: November 2, 2022
 Issued by:
 Robert B. Hevert

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

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

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Season		Total	Total Billed	d Rates
	May 2023 - October 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	\$1.1116	\$1.8032	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6916			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$0.9266	\$1.1116	\$1.8032	
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.6916			
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:	<u> </u>	Τ		
nesidential Non-Heating	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$1.4053	\$1.5903	\$2,2819	Ψ22.20
	LDAC	\$0.1850	ψ1.0000	Ψ 2.20 10	
	Gas Cost Adjustment:	Ψ0.1000			
	Cost of Gas	\$0.6916			

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

 Issued: November 2, 2022
 Issued by:
 Robert B. Hevert

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

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

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

	Winter Season November 2022 - April 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	\$80.00 \$0.2556 \$0.0493	\$80.00 \$0.3049	\$80.00 \$1.4477
	Gas Cost Adjustment: Cost of Gas	\$1.1428		
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage LDAC	\$0.2359 \$0.0493	\$0.2852	\$1.3388
	Gas Cost Adjustment: Cost of Gas	\$1.0536		
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage	\$225.00 \$0.2883	\$225.00 \$0.3376	\$225.00 \$1.4804
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$1.1428	******	******
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage	\$225.00 \$0.1770	\$225.00 \$0.2263	\$225.00 \$1.2799
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$1.0536		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage	\$1,350.00 \$0.2185	\$1,350.00 \$0.2678	\$1,350.00 \$1.4106
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$1.1428		
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC	\$1,350.00 \$0.1796 \$0.0493	\$1,350.00 \$0.2289	\$1,350.00 \$1.2825
	Gas Cost Adjustment: Cost of Gas	\$1.0536		

Issued: November 2, 2022Issued by:Robert B. HevertEffective: With Service Rendered On and After November 1, 2022Title:Senior Vice President

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

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 \$0.0493	\$80.00 \$0.3049	\$80.00 \$1.0432
	Cost of Gas	\$0.7383		
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage	\$80.00 \$0.2359	\$80.00 \$0.2852	\$80.00 \$0.9183
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$0.6331	4 0.2002	40.0100
		1 40.0001		
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage LDAC Gas Cost Adjustment:	\$0.2883 \$0.0493	\$0.3376	\$1.0759
	Cost of Gas	\$0.7383		
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.1770	\$0.2263	\$0.8594
	LDAC Gas Cost Adjustment:	\$0.0493		
	Cost of Gas	\$0.6331		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage LDAC	\$0.2185 \$0.0493	\$0.2678	\$1.0061
	Gas Cost Adjustment: Cost of Gas	\$0.7383		
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage	\$1,350.00 \$0.1096	\$1,350.00 \$0.1589	\$1,350.00 \$0.7920
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.0493 \$0.6331		

 Issued: November 2, 2022
 Issued by:
 Robert B. Hevert

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

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

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: \$72.72 per MMBtu per MDPQ per month for November 2022 through April 2023. 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% - 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: November 2, 2022 Issued by: Robert B. Hevert

Effective: November 1, 2022 Senior Vice President

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 through October 31, 2023.

Commercial and Industrial

	<u>High Winter Use</u>	Low Winter Use
Pipeline:	29.51%	65.64%
Storage:	32.47%	15.82%
Peaking:	38.02%	18.54%

Issued: November 2, 2022 Issued by: Robert B. Hevert

Effective: November 1, 2022 Senior Vice President

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

Effective Dates:	November 1, 2022 – April 30, 2022	May 1, 2023 – October 31, 2023
Re-entry Surcharge:	\$0.0724 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: November 2, 2022

Effective: November 1, 2022

Issued by: Robert. B Hevert

Senior Vice President

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 202122 - October 31, 202223

(Col 1)	rereal November 1,	(Col 2)	bei 51, 2022 <u>20</u>		(Col 3)
ANTICIPATED DIRECT COST OF GAS		(00.2)			(55.5)
Purchased Gas: Demand Costs: Supply Costs:	\$—4,553,044 \$ \$—11,472,168 \$	6,358,704 20,129,627			
Storage & Peaking Gas: Demand, Capacity: Commodity Costs:	\$ 12,327,011 \$ \$ 7,733,349 \$, ,			
Interruptible Included Above	\$ \$	-			
Inventory Finance Charge	\$ <u>1,378</u> \$	6,382			
Capacity Release	\$ <u>(4,076,771)</u> \$	(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: Prior Period Under/(Over) Collection Interest Refunds Interruptible Margins Total Adjustments	\$ 189,294 \$ \$ (42,086) \$ \$ \$ \$ \$	(2,757,176) (54,387) - -	\$ 147.208	\$	(2.811.562)
Working Capital: Total Anticipated Direct Cost of Gas Working Capital Percentage Working Capital Allowance Plus: Working Capital Reconciliation (Acct 173	\$ 32,005,179 \$ 0.0892% \$ 28,555 \$ \$ (5,834) \$	42,008,180 <u>0.1588</u> % 66,714 7,437	•,=00	•	(2,011,002)
Total Working Capital Allowance			\$ 22,721	\$	74,150
Bad Debt:					
Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 173) Total Bad Debt Allowance	\$ 137,320 \$ \$ (61,950) \$	121,564 (10,671)	\$ 75,370	\$	110,893
Local Production and Storage Capacity			\$ 476,106	\$	214,538
Miscellaneous Overhead-79.8780.46% Allocat	ed to Winter Seaso	n	\$ 463,606	\$	492,287
Total Anticipated Indirect Cost of Gas			\$ 1,185,012	\$	(1,919,694)
Total Cost of Gas			\$ 33,190,191	\$	40,088,486
Issued: November 4, 2021November 2, 2022 Effective Date: November 1, 202422	in Dagket No. DC 22	1 121 DC 22 (Issued By:	- 20	Robert B. Hevert Senior Vice President

Authorized by NHPUC Order No. 26,539 26,713, in Docket No. DG 21-131 DG 22-059, dated October 29, 2021, 27, 2022

Anticipated Cost of Gas

New Hampshire Division Period Covered: May 1, 20<mark>22</mark>23 - October 31, 20<mark>22</mark>23

Period	Covered: May 1, 2	0 <u>22<mark>23</mark></u> - October	31, 20 22 23	
(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
ANTICIPATED DIRECT COST OF GAS Purchased Gas:				
Demand Costs:	\$956,729	\$1,055,340		
Supply Costs:	\$3,110,213	\$4,140,569		
Storage & Peaking Gas:				
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		
Total Anticipated Direct Cost of Gas			\$4,485,805	<u>\$5,756,343</u>
ANTICIPATED INDIRECT COST OF GAS				
Adjustments: Prior Period Under/(Over) Collection	\$47.710	\$94,114		
Interest	(\$41,380)	(\$31,303)		
Refunds	\$0	\$0		
Interruptible Margins	\$0	\$0		
Total Adjustments			\$6,330	<u>\$62,811</u>
Working Capital:	¢4.405.005	ΦΕ 7ΕC 244		
Total Anticipated Direct Cost of Gas Working Capital Percentage	\$4,485,805 0.0892%	<u>\$5,756,344</u> 0.1590%		
Working Capital Allowance	\$4,002	\$9,142		
Plus: Working Capital Reconciliation (Acct 173)	(\$1,470)	<u>\$1,807</u>		
Total Working Capital Allowance			\$2,532	\$10,948
Bad Debt:				
Bad Debt Allowance	\$14,529	\$17,079		
Plus: Bad Debt Reconciliation (Acct 173)	(\$15,614)	(\$562)		
Total Bad Debt Allowance			(\$1,084)	<u>\$16,518</u>
Local Production and Storage Capacity			\$0	<u>\$0</u>
Miscellaneous Overhead-20.1319.54% Allocated to	the Summer Season	n	\$116,849	\$119,588
Total Anticipated Indirect Cost of Gas			\$124,627	<u>\$209,865</u>
Total Cost of Gas			\$4,610,433	<u>\$5,966,208</u>

Issued: November 4, 2021 November 22, 2022

Robert B. Hevert

Effective Date: May 1, 20222023

Authorized by NHPUC Order No. 26,539 26,713, in Docket No. DG 21-131 DG 22-059, dated October 29, 2021, 27, 2022

Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2024 $\underline{2}$ - April 30, 202 $\underline{2}$

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas	\$32,005,179	\$42,008,180	()		
Projected Prorated Sales (11/01/2422 - 04/30/2223) Direct Cost of Gas Rate	35,339,329	35,507,405	\$0.9057	\$1.183 <u>1</u>	per therm
Demand Cost of Gas Rate	\$12.798.284	\$10,341,068	\$0.3622	\$0.2912	per therm
Commodity Cost of Gas Rate	\$19,206,895	\$31,667,112	\$0.5435	\$0.8918	per therm per therm
Total Direct Cost of Gas Rate	\$32,005,179	\$42,008,180	\$0.9057	\$1.1830	per therm
Total Anticipated Indirect Cost of Gas	\$1,185,012	(\$1,919,694)			
Projected Prorated Sales (11/01/2422 - 04/30/2223)	35,339,329	35,507,405	60 0005	(00.0544)	
Indirect Cost of Gas			\$0.0335	(\$0.0541)	per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.9392	<u>\$1.1289</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) Per unit change in Cost of Gas (01/01/21 - 04/30/22)			23,905,700 (\$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) Per unit change in Cost of Gas (03/01/24 - 04/30/22)			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 11/01/2022	COGwr		\$1.0547	\$1.1289	per therm
	Maximum (COG+25%)		\$1.1740	\$1.4112	
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 RESIDENTIAL COST OF GAS RATES - 02/01/2022			\$0.0487 \$0.9462		
CHANGE IN PER UNIT COST			\$0.9462 \$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	\$1.0536	per therm
	Maximum (COG+25%)		\$1.0566	\$1.3170	
COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2021			\$0.8453		
CHANGE IN PER UNIT COST COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/202			(\$0.0417) \$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 COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/202			\$0.1085 \$0.9608		
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$569,53 <u>1</u>				
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 (11/01/22 - 04/30/23) DEMAND COST OF GAS RATE	2,898,272 \$0.1995				
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$2,634,58 <u>3</u>				
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$2,034,363</u> (\$2,272)				
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$2,632,312				
C&I HLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23) COMMODITY COST OF GAS RATE	<u>2,898,272</u> \$0.9082				
INDIRECT COST OF GAS	<u>(\$0.0541)</u>				
TOTAL C&I HLF COST OF GAS RATE	<u>\$1.0536</u>				
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/22 11/01/2022	COGwh		\$1.0706	<u>\$1.1428</u>	per therm
	Maximum (COG+25%)		\$1.1939	<u>\$1.4285</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 CHANGE IN PER UNIT COST			\$0.9134 \$0.0487		
COM/IND HIGH WINTER USE COST OF GAS RATES - 02/01/2022			\$0.9621		
CHANGE IN PER UNIT COST COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2022			\$0.1085 \$1.0706		
			Ç0100		
C&I LLF DEMAND COSTS ALLOCATED PER SMBA	\$4,796,055 \$72,168				
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED DEMAND COSTS	<u>\$72,168</u> \$4,868,223				
C&I LLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23)	\$15,802,392				
DEMAND COST OF GAS RATE	<u>\$0.3081</u>				
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	<u>\$14,057,910</u>				
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$12,123)				
C&I LLF TOTAL ADJUSTED COMMODITY COSTS C&I LLF PROJECTED PRORATED S&LES (11/01/22 - 04/30/23)	\$14,045,788 15,802,392				
C&I LLF PROJECTED PRORATED SALES (11/01/22 - 04/30/23) COMMODITY COST OF GAS RATE	15,802,392 \$0.8888				
INDIRECT COST OF GAS	<u>(\$0.0541)</u>				
TOTAL C&I LLF COST OF GAS RATE	<u>\$1.1428</u>				
Issued: February 22November 2, 2022 Effective Date: March November 1, 2022		Issued By:		pert B. Hevert	
znective pate: Waren November 1, 2022			Senio	r Vice President	

Effective Date: March November 1, 2022
Authorized by NHPUC Order No. 26,539 26,713, in Docket No. DG 21-131-22-059, dated October-29, 2021-27, 2022

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			8,907,030	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	\$209,865			
Projected Prorated Sales (05/01/21223- 10/31/20223) Indirect Cost of Gas			8,907,030	8,625,565	\$0.0140	\$0.0243	per therm
TOTAL PERIOD AVERAGE COST OF GAS					60.5470	60.0040	
Period ending under-collection to be recovered - per April Rep	eert		\$1,055,500		\$0.5176	<u>\$0.6916</u>	per therm
Projected sales (05/01/22 - 10/31/22)			8,907,030				
Per unit change in Cost of Gas (05/01/22 - 10/31/22)			\$0.1185				
Period ending under-collection to be recovered - per May Rep	ort		\$1,935,343				
Projected sales (06/01/22 - 10/31/22) Per unit change in Cost of Gas (06/01/22 - 10/31/22)			\$6,999,418.9071 \$0.2765				
Period ending under-collection to be recovered - per August F	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				
DESIDENT A SOCI OF SAS DATE	0005/04/0000			44.404	******		
RESIDENTIAL COST OF GAS RATE	09 05/01/ 22 23	COGwr		\$1.1204	\$0.6916		per therm
		Maximum Preapproved Ac	ijustment (COG+25%)*	\$0.6470	<u>\$0.8645</u>		
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/22				\$0.5176			
CHANGE IN PER UNIT COST PEVISED DESIDENTIAL COST OF CAS PATE 05/01/22				\$0.1185 \$0.6361			
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/22 CHANGE IN PER UNIT COST				\$0.6361 \$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	09 05/01/ 22 23	COGwl		\$1.0768	<u>\$0.6331</u>		per therm
		Maximum Preapproved Ac	ljustment (COG+25%)*	\$0.5925	\$0.7914		
INITIAL COM/IND LOW WINTER USE COST OF GAS RATI	E - 5/01/22			\$0.4740			
CHANGE IN PER UNIT COST				\$0.1185			
REVISED COM/IND LOW WINTER USE COST OF GAS RA CHANGE IN PER UNIT COST	TE - 05/01/22			\$0.5925 \$0.2765			
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01	122			\$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		\$230,600					
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF		\$11,833					
C&I HLF TOTAL ADJUSTED DEMAND COSTS	4(00)	<u>\$242,434</u>					
C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/3 DEMAND COST OF GAS RATE	1/23)	2,206,001 \$0.1099					
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C	&I HI F	<u>\$1,100,620</u> <u>\$34</u>					
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	ar riei	\$1,100,655					
C&I HLF PROJECTED PRORATED SALES (05/01/23 - 10/3	1/23)	2,206,001					
COMMODITY COST OF GAS RATE		<u>\$0.4989</u>					
INDIRECT COST OF GAS		\$0.0243					
TOTAL C&I HLF COST OF GAS RATE		\$0.633 <u>1</u>					
	0005/04/0000	200 1		A4 4 4 7 7 9	40.700		
COM/IND HIGH WINTER USE COST OF GAS RATE	09 <u>05</u> /01/ 22 23	COGwh		\$1.1473	\$0.7383		per therm
		Maximum Preapproved Ac	ljustment (COG+25%)*	\$0.6806	\$0.9229		
INITIAL COM/IND HIGH WINTER USE COST OF GAS RAT	E - 05/01/22			\$0.5445			
CHANGE IN PER UNIT COST				\$0.1185			
REVISED COM/IND HIGH WINTER USE COST OF GAS R/ CHANGE IN PER UNIT COST	ATE - 05/01/22			\$0.6630 \$0.2765			
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01	122			\$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 LI	<u>.F</u>	\$29,091					
C&I LLF TOTAL ADJUSTED DEMAND COSTS	1/22\	\$595,983 2,770,800					
C&I LLF PROJECTED PRORATED SALES (05/01/23 - 10/3 DEMAND COST OF GAS RATE	1/20]	2,770,809 \$0.2151					
		· · · · · · · · · · · · · · · · · · ·					
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C	RILLE	\$1,382,415 \$43					
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	OI LLF	\$43 \$1,382,458					
C&I LLF PROJECTED PRORATED SALES (05/01/23 - 10/3	1/23)	2,770,809					
COMMODITY COST OF GAS RATE		<u>\$0.4989</u>					
INDIRECT COST OF GAS		\$0.0243					
TOTAL C&I LLF COST OF GAS RATE		<u>\$0.7383</u>					
*: Rate increases in June and September were implemented throu ssued: August 29November 2, 2022	gh amended COG	filings and not preapproved		Issued By:	Poh	ert B. Hevert	

** Hate increases in June and September were impremented invergin amended COG imings and not preapprove Issued: August 29(November 2, 2022

Effective Date: September 1, 2022 May 1, 2023

Authorized by NHPUC OrderNes -26,539, 26,626 & 26,669 26,713 in Docket No. DG 21-131 No. DG 22-059, dated October 29, 2021, May 12, 2022 and August 17, 2022 October 27, 2022.

Title: Robert B. Hevert

Senior Vice President

N.H.P.U.C. No. 12 - Gas Northern Utilities, Inc. Ninth Eighth Revised Page 62 Superseding Eighth Seventh Revised Page 62

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	\$0.0048	\$0.0000	\$0.1206	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0816	\$0.1850
Residential Non-Heating	\$0.0033	\$0.0037	\$0.0499	\$0.0066	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.1206	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0816	\$0.1850
Small C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0493
Medium C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0493
Large C&I	\$0.0033	\$0.0037	\$0.0247	\$0.0006	\$0.0000	\$0.0056	\$0.0058	\$0.0000	\$0.0000	\$0.0048	\$0.0000	\$0.0101	\$0.0135	\$0.0000	\$0.0027	\$0.0002	\$0.0504	\$0.0493
No Previous Sales Service																		

Issued: November 2, 2022 February 25, 2022
Effective: With Service Rendered On and After November March 1, 2022
Authorized by NHPUC Order No. 26,581 26,713 in Docket No. DG 21-123-DG 22-059, dated February 15-October 27, 2022

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

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Winter Season May 2022 - October 2022 November 2022 - April 2023	Tariff Rates	Delive	otal ry Rates es LDAC)	Tariff Ra	illed Rates ates, 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 \$0.1850 \$1.1204 \$1.1289	\$1.0082	\$22.20 <u>\$1.1116</u>	\$ 2.1286	\$22.20 <u>\$2.2405</u>
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$22.20 \$0.9266 \$0.0846 \$0.1850	\$1.0082	\$22.20 <u>\$1.1116</u>	\$2.1286	\$22.20 <u>\$2.2405</u>
	Cost of Gas Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1.1204 \$1.1289 \$0.0000 (\$9.9900) \$0.0000 (\$0.4170) \$0.0000 (\$0.5080)	\$ 0.0000	(\$9.99) (\$0.4170)	\$ 0.0000	(\$9.99) (\$0.9250)
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$22.20 \$1.4053 \$0.0816 \$0.1850	\$ 1.4869	\$22.20 <u>\$1.5903</u>	\$2.6073	\$22.20 <u>\$2.7192</u>

Cost of Gas

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

Issued: September 8 November 2, 2022 Issued by: Robert B. Hevert Effective: With Service Rendered On and After September November 1, 2022 Title:

Authorized by NHPUC Order Nos. 26,669 26,713 in Docket Nos. DG 21-13122-059, dated August 17 October 27, 2022 **Senior Vice President**

& Order No. 26,675 in Docket 22-020 , dated August 31, 2022

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Summer Season May 2023 - October 2023	Tariff	Total Delivery Rates		lled Rates tes, LDAC
	November 2022 - April 2023	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	\$1.1116	\$2.2405	\$1.8032
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1289 <u>\$0.6916</u>			
Residential Heating	Tariff Rate R 10:				ļ
Low income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
2011 111001110	All usage	\$0.9266	\$1.1116	\$2.2405	\$1.8032
	LDAC	\$0.1850	******	*	
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1289 <u>\$0.6916</u>			
Discount	Monthly Customer Charge	(\$9.99) \$0.0000	(\$9.99) \$0.0000	(\$9.99)	\$0.0000
Discount	All usage	(\$0.4170) \$0.0000	(\$0.4170) \$0.0000	(\$0.9250)	\$0.0000
Discount	LDAC	\$0.0000 \$0.0000	,	,	
	Gas Cost Adjustment:				
Discount	Cost of Gas	(\$0.5080) <u>\$0.0000</u>			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	All usage	\$1.4053	\$1.5903	\$2.7192	<u>\$2.2819</u>
	LDAC	\$0.1850			
	Gas Cost Adjustment:				
	Cost of Gas	\$1.1289 \$0.6916			

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

 Issued: November 2, 2022
 Issued by:
 Robert B. Hevert

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

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

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

	Summer Winter Season May 2022-October 2022 November 2022 - April 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 \$0.0504 \$1.1473 \$1.1428	\$80.00 \$0.3060 \$0.3049	\$80.00 \$1.4533 \$1.4477
	Cost of Gas	\$1.1473 <u>\$1.1426</u>		
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$80.00 \$0.2359 \$0.0504 \$0.0493	\$80.00 \$0.2863 \$0.2852	\$80.00 \$1.3631 \$1.3388
	Cost of Gas	\$1.0768 <u>\$1.0536</u>		
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$225.00 \$0.2883 \$0.0504 \$0.0493	\$225.00 \$0.3387 \$0.3376	\$225.00 \$1.4860 \$1.4804
	Cost of Gas	\$1.1473 <u>\$1.1428</u>		
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$225.00 \$0.1770 \$0.0504 \$0.0493	\$225.00 \$0.2274 \$0.2263	\$225.00 \$1.3042 \$1.2799
	Cost of Gas	\$1.0768 <u>\$1.0536</u>		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,350.00 \$0.2185 \$0.0504 \$0.0493	\$1,350.00 \$0.2689 \$0.2678	\$1,350.00 \$1.4162 \$1.4106
	Cost of Gas	\$1.1473 <u>\$1.1428</u>		
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:	\$1,350.00 \$0.1096 \$0.0504 \$0.0493	\$1,350.00 \$0.1600 \$0.2289	\$1,350.00 \$1.2368 \$1.2825
	Cost of Gas	\$1.0768 \$1.0536		

 Issued: September 8 November 2, 2022
 Issued by:
 Robert B. Hevert

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

Authorized by NHPUC Order Nos. 26,669 26,713 in Docket Nos. DG 21-13122-059, dated August 17 October 27, 2022

& Order No. 26,675 in Docket 22-020 , dated August 31, 2022

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

	Winter Summer Season May 2023 - October 2023 November 2022 - April 2023			ariff ates	Delive	otal ry Rates es LDAC)	Tariff Ra	lled Rates 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 \$0.0493			\$80.00 \$0.3049	\$1.4477	\$80.00 <u>\$1.0432</u>
	Cost of Gas	<u> </u>	\$1.1420	<u>\$0.7363</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 \$0.0493 \$1.0536			\$80.00 \$0.2852	\$1.3388	\$80.00 <u>\$0.9183</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment:		\$225.00 \$0.2883 \$0.0493			\$225.00 \$0.3376	\$ 1.4804	\$225.00 <u>\$1.0759</u>
	Cost of Gas		\$1.1428	<u>\$0.7383</u>	l.			
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 \$0.0493 \$1.0536			\$225.00 \$0.2263	\$1.27 99	\$225.00 <u>\$0.8594</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 \$0.2185 \$0.0493 \$1.1428			\$1,350.00 \$0.2678	\$ 1.4106	\$1,350.00 <u>\$1.0061</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 \$0.0493 \$1.0536		\$ 0.2289	\$1,350.00 <u>\$0.1589</u>	\$ 1.2825	\$1,350.00 <u>\$0.7920</u>

 Issued: November 2, 2022
 Issued by:
 Robert B. Hevert

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

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

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$\square\$0.711.00 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: \$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, 2022 November 2, 2022 Issued by: Robert. B. Hevert

fective: August 1, 2022 November 1, 2022 Senior Vice President

Authorized by NHPUC Order No. 26,650 26,713 in Docket No. DG 21-104 22-059 dated July 20, 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, 2021 through October 31, 2022 2023.

Commercial and Industrial

	High Winter Use	Low Winter Use
Pipeline:	22.82 <u>29.51</u> %	60.95 <u>65.64</u> %
Storage:	32.31 <u>32.47</u> %	16.23 <u>15.82</u> %
Peaking:	45.41 <u>38.02</u> %	22.82 18.54%

Issued: November 4, 2021 November 2, 2022 Issued by: Robert B. Hevert

ffective: November 1, 2021 Senior Vice President

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202127, 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, 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 <u>2023</u> – October 31, 2022 <u>2023</u>
Re-entry Surcharge:	\$0. 0000 - <u>0724</u> per therm	\$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$ 0.7543 1.5529 per therm	\$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$ <u>0.8641</u> 1.6421 per therm	\$0.0000 per therm

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Effective: November 1, 20212022 Title: Senior Vice President