# N.H.P.U.C No. 12 NORTHERN UTILITIES, INC.

## CALCULATION OF FIRM SALES COST OF GAS RATE

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

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/23 - 04/30/24)	\$24,487,416 32,992,252	<b>* * * *</b>	
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</u>	per therm
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
Period ending under-collection to be recovered as determined on 11/22/2023		(\$536,496)	
Projected Sales (12/01/23 - 04/30/2024)		28,662,779	
Per unit change in Cost of Gas (12/01/23 - 04/30/24)		(\$0.0187)	
Period ending under-collection to be recovered as determined on 12/20/2023		(\$548,502)	
Projected Sales (01/01/24 - 04/30/2024)		22,329,709	
Per unit change in Cost of Gas (01/01/24 - 04/30/24)		(\$0.0246)	
Period ending under-collection to be recovered as determined on 02/22/2024		(\$1,510,780)	
Projected Sales (03/01/24 - 04/30/2024)		8,550,542	
Per unit change in Cost of Gas (03/01/24 - 04/30/24)		(\$0.1767)	
Period ending under-collection to be recovered as determined on 03/21/2024		\$1,196,317	
Projected Sales (04/01/24 - 04/30/2024)		3,109,925	
Per unit change in Cost of Gas (04/01/24 - 04/30/24)		\$0.3847	
- · · ·			
RESIDENTIAL COST OF GAS RATE - 04/01/24	COGwr	\$0.8929	per therm
	Maximum (COG+25%)	\$0.9103	
		<b>AO</b> 7000	
RESIDENTIAL COST OF GAS RATES - 11/01/2023		\$0.7282	

RESIDENTIAL COST OF GAS RATES - 11/01/2025	φ0.7202	
CHANGE IN PER UNIT COST	(\$0.0187)	
RESIDENTIAL COST OF GAS RATES - 12/01/2023	\$0.7095	
CHANGE IN PER UNIT COST	(\$0.0246)	
RESIDENTIAL COST OF GAS RATES - 01/01/2024	\$0.6849	
CHANGE IN PER UNIT COST	(\$0.1767)	
RESIDENTIAL COST OF GAS RATES - 03/01/2024	\$0.5082	
CHANGE IN PER UNIT COST	\$0.3847	
RESIDENTIAL COST OF GAS RATES - 04/01/2024	\$0.8929	

COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/24	COGwl	\$0.8234 pe	er therm
	Maximum (COG+25%)	\$0.8234	
COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2023		\$0.6587	
CHANGE IN PER UNIT COST		(\$0.0187)	
COM/IND LOW WINTER USE COST OF GAS RATES - 12/01/2023		\$0.6400	
CHANGE IN PER UNIT COST		(\$0.0246)	
COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2024		\$0.6154	
CHANGE IN PER UNIT COST		(\$0.1767)	
COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2024		\$0.4387	
CHANGE IN PER UNIT COST		\$0.3847	
COM/IND LOW WINTER USE COST OF GAS RATES - 04/01/2024		\$0.8234	

/IND HIGH WINTER USE COST OF GAS RATE - 04/01/24	COGwh	\$0.9049 per therm
	Maximum (COG+25%)	\$0.9253
COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2023		\$0.7402
CHANGE IN PER UNIT COST		(\$0.0187)
COM/IND HIGH WINTER USE COST OF GAS RATES - 12/01/2023		\$0.7215
CHANGE IN PER UNIT COST		(\$0.0246)
COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2024		\$0.6969
CHANGE IN PER UNIT COST		(\$0.1767)
COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2024		\$0.5202
CHANGE IN PER UNIT COST		\$0.3847
COM/IND HIGH WINTER USE COST OF GAS RATES - 04/01/2024		\$0.9049

## Twenty-ninth Revised Page 86 Superseding Twenty-eighth Revised Page 86

## NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Season		Total	Total Billed	Rates
	April 2024	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
	Base Distribution	\$0.9259	\$1.0601	\$1.9530	
	RDAF	\$0.0434			
	Total Distribution	\$0.9693			
	LDAC	\$0.0908			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.8929			
Residential Heating	<u>Tariff Rate R 10:</u>				
Low Income	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	Base Distribution	\$0.9259	\$1.0601	\$1.9530	
	RDAF	\$0.0434			
	Total Distribution	\$0.9693			
	LDAC	\$0.0908			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.8929			
Discount*	Monthly Customer Charge	(\$9.99)	(\$9.99)		(\$9.99)
Discount*	Base Distribution	(\$0.4167)	(\$0.4362)	(\$0.8380)	(\$0.00)
Discount*	BDAF	(\$0.0195)	(\$0.4002)	(\$0.0000)	
No Discount	LDAC	\$0.0000			
No Discount	Gas Cost Adjustment:	ψ0.0000			
Discount*	Cost of Gas	(\$0.4018)			
Discount		(\$0.4010)			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$22.20	\$22.20		\$22.20
	Base Distribution	\$1.4005	\$1.5501	\$2.4430	
	RDAF	\$0.0588			
	Total Distribution	\$1.4593			
	LDAC	\$0.0908			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.8929			

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

Issued: March 21, 2024

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

Authorized by NHPUC Order No. 26,859 in Docket No. DG 22-020, dated July 12, 2023,

Order No. 26,896 in Docket No. DG 23-086, dated October 31, 2023,

Order No. 26,897 in Docket No. DG 23-085, dated October 31, 2023

and by Order No. 26,911 in Docket No. DE 23-098, dated December 11, 2023.

Issued by: <u>Daniel Hurstak</u> Title: Vice President and Treasurer

## Twenty-eighth Revised Page 88 Superseding Twenty-seventh Revised Page 88

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

	Winter Season	Toriff	Total Delivery Bates	Total Billed Rates
	April 2024	Tariff Rates	Delivery Rates (Includes LDAC)	Tariff Rates, 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	\$0.2554	\$0.3098	\$1.2147
	RDAF	\$0.0169		
	Total Usage	\$0.2723		
	LDAC	\$0.0375		
	Gas Cost Adjustment:	¢0.0040		
	Cost of Gas	\$0.9049		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2338	\$0.2601	\$1.0835
	RDAF	(\$0.0112)		
	Total Usage	\$0.2226		
	LDAC	\$0.0375		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8234		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.2881	\$0.3425	\$1.2474
	RDAF	\$0.0169		
	Total Usage	\$0.3050		
	LDAC	\$0.0375		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9049		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.1763	\$0.2026	\$1.0260
	RDAF	(\$0.0112)		
	Total Usage	\$0.1651		
	LDAC	\$0.0375		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8234		
C&I High Annual/High Winter	Tariff Rate G 42:			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage	\$0.2182	\$0.2726	\$1.1775
	RDAF	\$0.0169	******	÷
	Total Usage	\$0.2351		
	LDAC	\$0.0375		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9049		
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage	\$0.1791	\$0.2054	\$1.0288
	RDAF	(\$0.0112)		
	Total Usage	\$0.1679		
	LDAC	\$0.0375		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8234		

Issued: March 21, 2024

lssued by: Title: Daniel Hurstak Vice President and Treasurer

Effective: With Service Rendered On and After April 1, 2024TitleAuthorized by NHPUC Order No. 26,859 in Docket No. DG 22-020, dated July 12, 2023,<br/>Order No. 26,896 in Docket No. DG 23-086, dated October 31, 2023,

Order No. 26,897 in Docket No. DG 23-085, dated October 31, 2023

and by Order No. 26,911 in Docket No. DE 23-098, dated December 11, 2023.

#### N.H.P.U.C No. 12 NORTHERN UTILITIES, INC.

Twentieth Twenty-first Revised Page 42 Superseding Nineteenth Twentieth Revised Page 42

# CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: March April 1, 2024 - April 30, 2024

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/23 - 04/30/24) Direct Cost of Gas Rate	\$24,487,416 32,992,252	\$0.7422	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate Total Anticipated Indirect Cost of Gas	\$7,227,684 \$ <u>17,321,106</u> \$24,548,790 (\$523,875)	\$0.2191 \$0.5250 <b>\$0.7441</b>	per therm per therm per therm
Projected Prorated Sales (11/01/23 - 04/30/24) Indirect Cost of Gas	32,992,252	(\$0.0159)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.7282	per therm
Period ending under-collection to be recovered as determined on 11/22/2023 Projected Sales (12/01/23 - 04/30/2024) Per unit change in Cost of Gas (12/01/23 - 04/30/24)		(\$536,496) 28,662,779 (\$0.0187)	
Period ending under-collection to be recovered as determined on 12/20/2023 Projected Sales (01/01/24 - 04/30/2024) Per unit change in Cost of Gas (01/01/24 - 04/30/24)		(\$548,502) 22,329,709 (\$0.0246)	
Period ending under-collection to be recovered as determined on 02/22/2024 Projected Sales (03/01/24 - 04/30/2024) Per unit change in Cost of Gas (03/01/24 - 04/30/24)		(\$1,510,780) 8,550,542 (\$0.1767)	
Period ending under-collection to be recovered as determined on 03/21/2024 Projected Sales (04/01/24 - 04/30/2024) Per unit change in Cost of Gas (04/01/24 - 04/30/24)		<u>\$1,196,317</u> <u>3,109,925</u> <u>\$0.3847</u>	

RESIDENTIAL COST OF GAS RATE - 03/01/24-04/01/2024	COGwr	<del>\$0.5082</del>	\$0.8929	per therm
	Maximum (COG+25%)		\$0.9103	
RESIDENTIAL COST OF GAS RATES - 11/01/2023			\$0.7282	
CHANGE IN PER UNIT COST			(\$0.0187)	
RESIDENTIAL COST OF GAS RATES - 12/01/2023			\$0.7095	
CHANGE IN PER UNIT COST			(\$0.0246)	
RESIDENTIAL COST OF GAS RATES - 01/01/2024			\$0.6849	
CHANGE IN PER UNIT COST			(\$0.1767)	
RESIDENTIAL COST OF GAS RATES - 03/01/2024			\$0.5082	
CHANGE IN PER UNIT COST			\$0.3847	
RESIDENTIAL COST OF GAS RATES - 04/01/2024			\$0.8929	

COM/IND LOW WINTER USE COST OF GAS RATE - <del>03/01/24</del> _04/01/2024	COGwl	<del>\$0.4387</del>	<u>\$0.8234</u>	per therm
	Maximum (COG+25%)		\$0.8234	
COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2023			\$0.6587	
CHANGE IN PER UNIT COST			(\$0.0187)	
COM/IND LOW WINTER USE COST OF GAS RATES - 12/01/2023			\$0.6400	
CHANGE IN PER UNIT COST			(\$0.0246)	
COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2024			\$0.6154	
CHANGE IN PER UNIT COST			(\$0.1767)	
COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2024			\$0.4387	
CHANGE IN PER UNIT COST			\$0.3847	
COM/IND LOW WINTER USE COST OF GAS RATES - 04/01/2024			\$0.8234	

DM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/24 04/01/2024	COGwh	<del>\$0.5202</del>	\$0.9049	per therm
	Maximum (COG+25%)		\$0.9253	
COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2023 CHANGE IN PER UNIT COST			\$0.7402 (\$0.0187)	
COM/IND HIGH WINTER USE COST OF GAS RATES - 12/01/2023 CHANGE IN PER UNIT COST			\$0.7215 (\$0.0246)	
COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2024			\$0.6969	
CHANGE IN PER UNIT COST COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2024			(\$0.1767) \$0.5202	
CHANGE IN PER UNIT COST			\$0.3847	
COM/IND HIGH WINTER USE COST OF GAS RATES - 04/01/2024			\$0.9049	

Daniel Hurstak Vice President and Treasurer

Issued By:

# Twenty-eighth Twenty-ninth Revised Page 86 Superseding Twenty-seventh Twenty-eighth Page 86

## NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

## CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Season March <u>April</u> 2024 - April 2024		riff	Total Delivery Rates (Includes LDAC)		Tariff Ra	lled Rates ites, LDAC
		Rat	tes	(Includes	s LDAC)	Plus Co	ost of Gas
Residential Heating	Tariff Rate R 5:						
	Monthly Customer Charge	\$22.20			\$22.20		\$22.20
	Base Distribution	\$0.9259		\$1.0601		<del>\$1.5683</del>	<u>\$1.9530</u>
	RDAF	\$0.0434					
	Total Distribution	\$0.9693					
	LDAC	\$0.0908					
	Gas Cost Adjustment:						
	Cost of Gas	\$0.5082	<u>\$0.8929</u>				
		_					
Residential Heating	Tariff Rate R 10:						
Low income	Monthly Customer Charge	\$22.20			\$22.20		\$22.20
	Base Distribution	\$0.9259		\$1.0601		<del>\$1.5683</del>	<u>\$1.9530</u>
	RDAF	\$0.0434					
	Total Distribution	\$0.9693					
	LDAC	\$0.0908					
	Gas Cost Adjustment:						
	Cost of Gas	<del>\$0.5082</del>	<u>\$0.8929</u>				
Discount*	Monthly Customer Charge	\$9.99			\$9.99		\$9.99
Discount*	Base Distribution	(\$0.4167)			(\$0.4362)	<del>(\$0.6649)</del>	(\$0.8380)
Discount*	RDAF	(\$0.0195)			. ,	· · · · ·	<u></u>
No Discount*	LDAC	\$0.0000					
	Gas Cost Adjustment:						
No Discount*	Cost of Gas	<del>(\$0.2287)</del>	<u>(\$0.4018)</u>				
Residential Non-Heating	Tariff Rate R 6:						
	Monthly Customer Charge	\$22.20			\$22.20		\$22.20
	Base Distribution	\$1.4005		\$1.5501		\$2.0583	\$2.4430
	RDAF	\$0.0588				• • • • •	· · · · ·
	Total Distribution	\$1.4593					
	LDAC	\$0.0908					
	Gas Cost Adjustment:	<i><b>Q</b></i> 0.00000					
	Cost of Gas	\$0.5082	\$0.8929				
*: Diagount applicable to wir	nter months November through April only	\$0.000Z	40.0020				

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

Issued: February 22 March 21, 2024

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

Authorized by NHPUC Order No. 26,859 in Docket No. DG 22-020, dated July 12, 2023,

Order No. 26,896 in Docket No. DG 23-086, dated October 31, 2023, Order No. 26,897 in Docket No. DG 23-085, dated October 31, 2023

and by Order No. 26,911 in Docket No. DE 23-098, dated December 11, 2023.

Issued by: Title:

Daniel Hurstak Vice President and Treasurer

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

	Winter Season MarchApril 2024 Tai Ration Ration R		Total Delivery Rates (Includes LDAC)	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:   Monthly Customer Charge   Base Distribution   RDAF   Total Usage   LDAC   Gas Cost Adjustment:   Cost of Gas	\$80.00 \$0.2554 \$0.0169 \$0.2723 \$0.0375 <b>\$0.5202 \$0.9049</b>	\$80.00 \$0.3098	\$80.00 <del>\$0.8300</del> <u>\$1.2147</u>
C&I Low Annual/Low Winter	Tariff Rate G 50:   Monthly Customer Charge   Base Distribution   RDAF   Total Usage   LDAC   Gas Cost Adjustment:   Cost of Gas	\$80.00 \$0.2338 (\$0.0112) \$0.2226 \$0.0375 <b>\$0.4387 \$0.8234</b>	\$80.00 \$0.2601	\$80.00 <mark>\$0.6988 <u>\$1.0835</u></mark>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge Base Distribution RDAF Total Usage LDAC Gas Cost Adjustment:	\$225.00 \$0.2881 \$0.0169 \$0.3050 \$0.0375	\$225.00 \$0.3425	\$225.00 <del>\$0.8627</del> <u>\$1.2474</u>
C&l Medium Annual/Low Winter	Cost of Gas Tariff Rate G 51: Monthly Customer Charge Base Distribution RDAF Total Usage LDAC Gas Cost Adjustment: Cost of Gas	\$0.5202 \$0.9049 \$225.00 \$0.1763 (\$0.0112) \$0.1651 \$0.0375 \$0.4387 \$0.8234	\$225.00 \$0.2026	\$225.00 <del>\$0.6413</del> <u>\$1.0260</u>
C&I High Annual/High Winter	Tariff Rate G 42:   Monthly Customer Charge   Base Distribution   RDAF   Total Usage   LDAC   Gas Cost Adjustment:   Cost of Gas	\$1,350.00 \$0.2182 \$0.0169 \$0.2351 \$0.0375 <b>\$0.5202 \$0.9049</b>	\$1,350.00 \$0.2726	\$1,350.00 <del>\$0.7928</del> <u>\$1.1775</u>
C&I High Annual/Low Winter	Tariff Rate G 52:   Monthly Customer Charge   Base Distribution   RDAF   Total Usage   LDAC   Gas Cost Adjustment:   Cost of Gas	\$1,350.00 \$0.1791 (\$0.0112) \$0.1679 \$0.0375 <b>\$0.4387 \$0.8234</b>	\$1,350.00 \$0.2054	\$1,350.00 <del>\$0.6441</del> <u>\$1.0288</u>

Issued: February 22 March 21, 2024

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

Authorized by NHPUC Order No. 26,859 in Docket No. DG 22-020, dated July 12, 2023,

Order No. 26,896 in Docket No. DG 23-086, dated October 31, 2023,

Order No. 26,897 in Docket No. DG 23-085, dated October 31, 2023 and by Order No. 26,911 in Docket No. DE 23-098, dated December 11, 2023.

Issued by: <u>Daniel Hurstak</u> Title: Vice President and Treasurer