

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: January 1, 2023 - April 30, 2023

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$42,008,180	
Projected Prorated Sales (11/01/22 - 04/30/23)	35,507,405	
Direct Cost of Gas Rate		\$1.1831 per therm
Demand Cost of Gas Rate	\$10,341,068	\$0.2912 per therm
Commodity Cost of Gas Rate	<u>\$31,667,112</u>	<u>\$0.8918</u> per therm
Total Direct Cost of Gas Rate	\$42,008,180	\$1.1830 per therm
Total Anticipated Indirect Cost of Gas	(\$1,919,694)	
Projected Prorated Sales (11/01/22 - 04/30/23)	35,507,405	
Indirect Cost of Gas	(\$0.0541)	(\$0.0541) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.1289 per therm
Period ending under-collection to be recovered as determined on 11/21/2022		(\$914,844)
Projected Sales (12/01/22 - 04/30/2023)		30,815,599
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		(\$994,037)
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)

RESIDENTIAL COST OF GAS RATE - 01/01/23	COGwr	\$1.0578 per therm
	Maximum (COG+25%)	\$1.4111
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

COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/23	COGwl	\$0.9825 per therm
	Maximum (COG+25%)	\$1.3170
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

COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/23	COGwh	\$1.0717 per therm
	Maximum (COG+25%)	\$1.4285
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

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

Winter Season January 2023 - April 2023		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 \$0.9266 \$0.1871 \$1.0578	\$22.20 \$1.1137	\$22.20 \$2.1715
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 \$0.9266 \$0.1871 \$1.0578	\$22.20 \$1.1137	\$22.20 \$2.1715
45% Low Income Discount*	Monthly Customer Charge	(\$9.99)	(\$9.99)	(\$9.99)
45% Low Income Discount*	All usage	(\$0.4170)	(\$0.4170)	(\$0.8930)
No Low Income Discount	LDAC	\$0.0000		
45% Low Income Discount*	<u>Gas Cost Adjustment:</u> Cost of Gas	(\$0.4760)		
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 \$1.4053 \$0.1871 \$1.0578	\$22.20 \$1.5924	\$22.20 \$2.6502

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

Issued: December 21, 2022
Effective: With Service Rendered On and After January 1, 2023
Authorized by NHPUC Order No. 26,713 in Docket No. DG 22-059, dated October 27, 2022
and by NHPUC Order No. 26,745 in Docket No. DE 22-081, dated December 14, 2022

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

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

Winter Season January 2023 - 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	<u>Tariff Rate G 40:</u> Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2556 \$0.0503 \$1.0717	\$80.00 \$0.3059	\$80.00 \$1.3776
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 \$0.2359 \$0.0503 \$0.9825	\$80.00 \$0.2862	\$80.00 \$1.2687
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 \$0.2883 \$0.0503 \$1.0717	\$225.00 \$0.3386	\$225.00 \$1.4103
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 \$0.1770 \$0.0503 \$0.9825	\$225.00 \$0.2273	\$225.00 \$1.2098
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 \$0.2185 \$0.0503 \$1.0717	\$1,350.00 \$0.2688	\$1,350.00 \$1.3405
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 \$0.1796 \$0.0503 \$0.9825	\$1,350.00 \$0.2299	\$1,350.00 \$1.2124

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Senior Vice President

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<u>Period ending under-collection to be recovered as determined on 12/21/2022</u>		<u>(\$994,037)</u>
<u>Projected Sales 01/01/23 - 04/30/2023</u>		<u>24,038,417</u>
<u>Per unit change in Cost of Gas (01/01/23 - 04/30/23)</u>		<u>(\$0.0414)</u>

RESIDENTIAL COST OF GAS RATE - 12/01/22 <u>01/01/2023</u>	COGwr	\$1.0992	<u>\$1.0578</u>	per therm
	Maximum (COG+25%)		\$1.4111	

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
<u>CHANGE IN PER UNIT COST</u>	<u>(\$0.0414)</u>
<u>RESIDENTIAL COST OF GAS RATES - 01/01/2023</u>	<u>\$1.0578</u>

COM/IND LOW WINTER USE COST OF GAS RATE - 12/01/22 <u>01/01/2023</u>	COGwl	\$1.0239	<u>\$0.9825</u>	per therm
	Maximum (COG+25%)		\$1.3170	

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
<u>CHANGE IN PER UNIT COST</u>	<u>(\$0.0414)</u>
<u>COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2023</u>	<u>\$0.9825</u>

COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/22 <u>01/01/2023</u>	COGwh	\$1.1434	<u>\$1.0717</u>	per therm
	Maximum (COG+25%)		\$1.4285	

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
<u>CHANGE IN PER UNIT COST</u>	<u>(\$0.0414)</u>
<u>COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2023</u>	<u>\$1.0717</u>

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

Winter Season December 2022 <u>January 2023</u> - April 2023		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 \$0.9266 \$0.1850 <u>\$0.1871</u> \$1.0992 <u>\$1.0578</u>	\$22.20 \$1.1137 <u>\$1.1137</u>	\$22.20 \$2.2108 <u>\$2.1715</u>
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 \$0.9266 \$0.1850 <u>\$0.1871</u> \$1.0992 <u>\$1.0578</u>	\$22.20 \$1.1137 <u>\$1.1137</u>	\$22.20 \$2.2108 <u>\$2.1715</u>
45% Low Income Discount*	Monthly Customer Charge	(\$9.99)	(\$9.99)	(\$9.99)
45% Low Income Discount*	All usage	(\$0.4170)	(\$0.4170)	(\$0.9146) <u>(\$0.8930)</u>
No Low Income Discount	LDAC	\$0.0000		
45% Low Income Discount*	<u>Gas Cost Adjustment:</u> Cost of Gas	(\$0.4946) <u>(\$0.4760)</u>		
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 \$1.4053 \$0.1850 <u>\$0.1871</u> \$1.0992 <u>\$1.0578</u>	\$22.20 \$1.5924 <u>\$1.5924</u>	\$22.20 \$2.6895 <u>\$2.6502</u>

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

Winter Season December 2022 <u>January 2023</u> - 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	<u>Tariff Rate G 40:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$80.00 \$0.2556 \$0.0493 <u>\$0.0503</u> \$1.1434 <u>\$1.0717</u>	\$80.00 \$0.3049 <u>\$0.3059</u>	\$80.00 \$1.4180 <u>\$1.3776</u>
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$80.00 \$0.2359 \$0.0493 <u>\$0.0503</u> \$1.0239 <u>\$0.9825</u>	\$80.00 \$0.2852 <u>\$0.2862</u>	\$80.00 \$1.3094 <u>\$1.2687</u>
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$225.00 \$0.2883 \$0.0493 <u>\$0.0503</u> \$1.1434 <u>\$1.0717</u>	\$225.00 \$0.3376 <u>\$0.3386</u>	\$225.00 \$1.4507 <u>\$1.4103</u>
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$225.00 \$0.1770 \$0.0493 <u>\$0.0503</u> \$1.0239 <u>\$0.9825</u>	\$225.00 \$0.2263 <u>\$0.2273</u>	\$225.00 \$1.2502 <u>\$1.2098</u>
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,350.00 \$0.2185 \$0.0493 <u>\$0.0503</u> \$1.1434 <u>\$1.0717</u>	\$1,350.00 \$0.2678 <u>\$0.2688</u>	\$1,350.00 \$1.3809 <u>\$1.3405</u>
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,350.00 \$0.1796 \$0.0493 <u>\$0.0503</u> \$1.0239 <u>\$0.9825</u>	\$1,350.00 \$0.2289 <u>\$0.2299</u>	\$1,350.00 \$1.2528 <u>\$1.2124</u>

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