

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: March 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		\$1.1830 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)
Period ending under-collection to be recovered as determined on 2/21/2023		(\$1,014,281)
Projected Sales (03/01/23 - 04/30/2023)		9,189,971
Per unit change in Cost of Gas (03/01/23 - 04/30/23)		(\$0.1104)

RESIDENTIAL COST OF GAS RATE - 03/01/23	COGwr	\$0.9474 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
CHANGE IN PER UNIT COST		(\$0.1104)
RESIDENTIAL COST OF GAS RATES - 03/01/2023		\$0.9474

COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/23	COGwl	\$0.8721 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
CHANGE IN PER UNIT COST		(\$0.1104)
COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2023		\$0.8721

COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/23	COGwh	\$0.9613 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
CHANGE IN PER UNIT COST		(\$0.1104)
COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2023		\$0.9613

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

Winter Season March 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 \$0.9474	\$22.20 \$1.1137	\$22.20 \$2.0611
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 \$0.9474	\$22.20 \$1.1137	\$22.20 \$2.0611
45% Low Income Discount*	Monthly Customer Charge	(\$9.99)	(\$9.99)	(\$9.99)
45% Low Income Discount*	All usage	(\$0.4170)	(\$0.4170)	(\$0.8433)
No Low Income Discount	LDAC	\$0.0000		
45% Low Income Discount*	<u>Gas Cost Adjustment:</u> Cost of Gas	(\$0.4263)		
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 \$0.9474	\$22.20 \$1.5924	\$22.20 \$2.5398

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

Issued: February 21, 2023
Effective: With Service Rendered On and After March 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 March 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	\$80.00	\$80.00	\$80.00
	All usage	\$0.2556	\$0.3059	\$1.2672
	LDAC	\$0.0503		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9613		
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u>			
	Monthly Customer Charge	\$80.00	\$80.00	\$80.00
	All usage	\$0.2359	\$0.2862	\$1.1583
	LDAC	\$0.0503		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8721		
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u>			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.2883	\$0.3386	\$1.2999
	LDAC	\$0.0503		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9613		
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u>			
	Monthly Customer Charge	\$225.00	\$225.00	\$225.00
	All usage	\$0.1770	\$0.2273	\$1.0994
	LDAC	\$0.0503		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8721		
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u>			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage	\$0.2185	\$0.2688	\$1.2301
	LDAC	\$0.0503		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9613		
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u>			
	Monthly Customer Charge	\$1,350.00	\$1,350.00	\$1,350.00
	All usage	\$0.1796	\$0.2299	\$1.1020
	LDAC	\$0.0503		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8721		

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Issued by:

Title:

Robert B. Hevert
Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: ~~January 4, 2023~~ March 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		\$1.1830 per therm
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Indirect Cost of Gas		(\$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)
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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)
<u>Period ending under-collection to be recovered as determined on 02/21/2023</u>		<u>(\$1,014,281)</u>
<u>Projected Sales (03/01/23 - 04/30/2023)</u>		<u>9,189,971</u>
<u>Per unit change in Cost of Gas (03/01/23 - 04/30/23)</u>		<u>(\$0.1104)</u>

RESIDENTIAL COST OF GAS RATE - 04/01/23-03/01/2023	COGwr	\$1.0578	\$0.9474	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	
<u>CHANGE IN PER UNIT COST</u>			<u>(\$0.1104)</u>	
<u>RESIDENTIAL COST OF GAS RATES - 03/01/2023</u>			<u>\$0.9474</u>	

COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/23-03/01/2023	COGwl	\$0.9825	\$0.8721	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	
<u>CHANGE IN PER UNIT COST</u>			<u>(\$0.1104)</u>	
<u>COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2023</u>			<u>\$0.8721</u>	

COM/IND HIGH WINTER USE COST OF GAS RATE - 04/01/23-03/01/2023	COGwh	\$1.0747	\$0.9613	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 LOW WINTER USE COST OF GAS RATES - 01/01/2023			\$1.0717	
<u>CHANGE IN PER UNIT COST</u>			<u>(\$0.1104)</u>	
<u>COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2023</u>			<u>\$0.9613</u>	

Issued: ~~December 21, 2022~~ February 21, 2023

Effective Date: ~~January~~ March 1, 2023

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Issued By: Robert B. Hevert
Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Winter Season JanuaryMarch 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 \$0.9474	\$22.20 \$1.1137	\$22.20 \$2.1715 \$2.0611
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 \$0.9474	\$22.20 \$1.1137	\$22.20 \$2.1715 \$2.0611
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) (\$0.8433)
No Low Income Discount	LDAC	\$0.0000		
45% Low Income Discount*	<u>Gas Cost Adjustment:</u> Cost of Gas	(\$0.4760) (\$0.4263)		
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 \$0.9474	\$22.20 \$1.5924	\$22.20 \$2.6502 \$2.5398

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

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

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

Winter Season January <u>March</u> 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 <u>Gas Cost Adjustment:</u> Cost of Gas	\$80.00 \$0.2556 \$0.0503 \$1.0717 <u>\$0.9613</u>	\$80.00 \$0.3059	\$80.00 \$1.3776 <u>\$1.2672</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 \$0.0503 \$0.9825 <u>\$0.8721</u>	\$80.00 \$0.2862	\$80.00 \$1.2687 <u>\$1.1583</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 \$0.0503 \$1.0717 <u>\$0.9613</u>	\$225.00 \$0.3386	\$225.00 \$1.4103 <u>\$1.2999</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 \$0.0503 \$0.9825 <u>\$0.8721</u>	\$225.00 \$0.2273	\$225.00 \$1.2098 <u>\$1.0994</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 \$0.0503 \$1.0717 <u>\$0.9613</u>	\$1,350.00 \$0.2688	\$1,350.00 \$1.3405 <u>\$1.2301</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 \$0.0503 \$0.9825 <u>\$0.8721</u>	\$1,350.00 \$0.2299	\$1,350.00 \$1.2124 <u>\$1.1020</u>

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