

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2022 - October 31, 2022

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$4,485,805	
Projected Prorated Sales (05/01/22 - 10/31/22)	8,907,030	
Direct Cost of Gas Rate		\$0.5036 per therm
Demand Cost of Gas Rate	\$1,354,125	\$0.1520 per therm
Commodity Cost of Gas Rate	<u>\$3,131,680</u>	<u>\$0.3516</u> per therm
Total Direct Cost of Gas Rate	\$4,485,805	\$0.5036 per therm
Total Anticipated Indirect Cost of Gas	\$124,627	
Projected Prorated Sales (05/01/22 - 10/31/22)	8,907,030	
Indirect Cost of Gas		\$0.0140 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.5176 per therm
Period ending under-collection to be recovered - per April Report	\$1,055,500	
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 Report	\$1,935,343	
Projected sales (06/01/22 - 10/31/22)	6,999,419	
Per unit change in Cost of Gas (06/01/22 - 10/31/22)	\$0.2765	
Period ending under-collection to be recovered - per August 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	

RESIDENTIAL COST OF GAS RATE - 09/01/22	COGwr	\$1.1204 per therm
	Maximum Preapproved Adjustment (COG+25%)*	\$0.6470
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/22		\$0.5176
CHANGE IN PER UNIT COST		\$0.1185
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/22		\$0.6361
CHANGE IN PER UNIT COST		\$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 - 09/01/22	COGwl	\$1.0768 per therm
	Maximum Preapproved Adjustment (COG+25%)*	\$0.5925
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/22		\$0.4740
CHANGE IN PER UNIT COST		\$0.1185
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/22		\$0.5925
CHANGE IN PER UNIT COST		\$0.2765
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/22		\$0.8690
CHANGE IN PER UNIT COST		\$0.2078
COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/22		\$1.0768

COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/22	COGwh	\$1.1473 per therm
	Maximum Preapproved Adjustment (COG+25%)*	\$0.6806
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22		\$0.5445
CHANGE IN PER UNIT COST		\$0.1185
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22		\$0.6630
CHANGE IN PER UNIT COST		\$0.2765
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/22		\$0.9395
CHANGE IN PER UNIT COST		\$0.2078
COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/22		\$1.1473

*: Rate increases in June and September were implemented through amended COG filings and not preapproved

Issued: August 29, 2022
 Effective Date: September 1, 2022
 Authorized by NHPUC Order Nos. 26,539, 26,626 & 26,669 in Docket No. DG 21-131,
 dated October 29, 2021, May 12, 2022 and August 17, 2022

Issued By: Robert B. Hevert
 Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
CURRENTLY EFFECTIVE RESIDENTIAL RATES

	Summer Season September 2022 - October 2022	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 \$0.8841 \$0.0816 \$1.1204	\$22.20 \$0.9657	\$22.20 \$2.0861
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 \$0.8841 \$0.0816 \$1.1204	\$22.20 \$0.9657	\$22.20 \$2.0861
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 \$1.3081 \$0.0816 \$1.1204	\$22.20 \$1.3897	\$22.20 \$2.5101

*: 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

Summer Season September 2022 - October 2022	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Tariff Rate G 40: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2320 \$0.0504 \$1.1473	\$80.00 \$0.2824	\$80.00 \$1.4297
Tariff Rate G 50: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$80.00 \$0.2085 \$0.0504 \$1.0768	\$80.00 \$0.2589	\$80.00 \$1.3357
Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.2744 \$0.0504 \$1.1473	\$225.00 \$0.3248	\$225.00 \$1.4721
Tariff Rate G 51: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$225.00 \$0.1656 \$0.0504 \$1.0768	\$225.00 \$0.2160	\$225.00 \$1.2928
Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.2083 \$0.0504 \$1.1473	\$1,350.00 \$0.2587	\$1,350.00 \$1.4060
Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,350.00 \$0.1050 \$0.0504 \$1.0768	\$1,350.00 \$0.1554	\$1,350.00 \$1.2322

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Issued by:

Title:

Robert B. Hevert

Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2022 - October 31, 2022

(Col 1)	(Col 2)	(Col 3)
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Projected Prorated Sales (05/01/2022- 10/31/2022)	8,907,030	
Direct Cost of Gas Rate		\$0.5036 per therm
Demand Cost of Gas Rate	\$1,354,125	\$0.1520 per therm
Commodity Cost of Gas Rate	\$3,131,680	\$0.3516 per therm
Total Direct Cost of Gas Rate	\$4,485,805	\$0.5036 per therm
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Indirect Cost of Gas		\$0.0140 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.5176 per therm
Period ending under-collection to be recovered - per April Report	\$1,055,500	
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 Report	\$1,935,343	
Projected sales (06/01/22 - 10/31/22)	\$6,999,418.9071	
Per unit change in Cost of Gas (06/01/22 - 10/31/22)	\$0.2765	
<u>Period ending under-collection to be recovered - per August Report</u>	<u>\$743,250</u>	
<u>Projected sales (09/01/22 - 10/31/22)</u>	<u>\$3,577,552</u>	
<u>Per unit change in Cost of Gas (09/01/22 - 10/31/22)</u>	<u>\$0.2078</u>	

RESIDENTIAL COST OF GAS RATE	0609/01/22	COGwr	\$0.9126	\$1.1204	per therm
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Maximum Preapproved Adjustment (COG+25%)* **\$0.6470**

INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/22	\$0.5176
CHANGE IN PER UNIT COST	\$0.1185
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/22	\$0.6361
CHANGE IN PER UNIT COST	\$0.2765
RESIDENTIAL COST OF GAS RATE - 06/01/22	\$0.9126
<u>CHANGE IN PER UNIT COST</u>	<u>\$0.2078</u>
<u>RESIDENTIAL COST OF GAS RATE - 09/01/22</u>	<u>\$1.1204</u>

COM/IND LOW WINTER USE COST OF GAS RATE	0609/01/22	COGwl	\$0.8690	\$1.0768	per therm
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Maximum Preapproved Adjustment (COG+25%)* **\$0.5925**

INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/22	\$0.4740
CHANGE IN PER UNIT COST	\$0.1185
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/22	\$0.5925
CHANGE IN PER UNIT COST	\$0.2765
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/22	\$0.8690
<u>CHANGE IN PER UNIT COST</u>	<u>\$0.2078</u>
<u>COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/22</u>	<u>\$1.0768</u>

COM/IND HIGH WINTER USE COST OF GAS RATE	0609/01/22	COGwh	\$0.9395	\$1.1473	per therm
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Maximum Preapproved Adjustment (COG+25%)* **\$0.6806**

INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22	\$0.5445
CHANGE IN PER UNIT COST	\$0.1185
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22	\$0.6630
CHANGE IN PER UNIT COST	\$0.2765
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/22	\$0.9395
<u>CHANGE IN PER UNIT COST</u>	<u>\$0.2078</u>
<u>COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/22</u>	<u>\$1.1473</u>

*: Rate increases in June and September were implemented through amended COG filings and not preapproved
Issued: ~~May 16~~ August 29, 2022

Effective Date: ~~June~~ September 1, 2022

Authorized by NHPUC Order Nos. 26,539, 26,626 & 26,669 in Docket No. DG 21-131,
dated October 29, 2021, May 12, 2022 and August 17, 2022.

Issued By: Robert B. Hevert
Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 CURRENTLY EFFECTIVE RESIDENTIAL RATES

<u>Summer Season</u> <u>September 2022 - October 2022</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 \$0.8841 \$0.0816 \$0.9126 \$1.1204	\$22.20 \$0.9657	\$22.20 \$1.8783 \$2.0861
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.8841 \$0.0816 \$0.9126 \$1.1204	\$22.20 \$0.9657	\$22.20 \$1.8783 \$2.0861
No Discount*	Monthly Customer Charge	\$0.0000	\$0.0000	\$0.0000
No Discount*	All usage	\$0.0000	\$0.0000	\$0.0000
No Discount	LDAC	\$0.0000		
No Discount*	Gas Cost Adjustment: Cost of Gas	\$0.0000		
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$1.3081 \$0.0816 \$0.9126 \$1.1204	\$22.20 \$1.3897	\$22.20 \$2.3023 \$2.5101

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

Issued: ~~August 1~~ August 29, 2022

Effective: With Service Rendered On and After ~~August~~ September 1, 2022

Authorized by NHPUC Order Nos. ~~26,626~~ 26,669 in Docket Nos. DG 21-131, dated ~~May 12~~ August 17, 2022

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

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

<u>Summer Season</u> <u>September 2022 - October 2022</u>		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 \$0.2320 \$0.0504 \$0.9395 \$1.1473	\$80.00 \$0.2824	\$80.00 \$1.2219 \$1.4297
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 \$0.2085 \$0.0504 \$0.8690 \$1.0768	\$80.00 \$0.2589	\$80.00 \$1.1279 \$1.3357
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 \$0.2744 \$0.0504 \$0.9395 \$1.1473	\$225.00 \$0.3248	\$225.00 \$1.2643 \$1.4721
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 \$0.1656 \$0.0504 \$0.8690 \$1.0768	\$225.00 \$0.2160	\$225.00 \$1.0850 \$1.2928
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 \$0.2083 \$0.0504 \$0.9395 \$1.1473	\$1,350.00 \$0.2587	\$1,350.00 \$1.1982 \$1.4060
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 \$0.1050 \$0.0504 \$0.8690 \$1.0768	\$1,350.00 \$0.1554	\$1,350.00 \$1.0244 \$1.2322

Issued: ~~August 4~~ August 29, 2022

Effective: With Service Rendered On and After ~~August~~ September 1, 2022

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Issued by:

Robert B. Hevert

Title:

Senior Vice President