

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: July 1, 2020 - October 31, 2020

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$2,642,482	
Projected Prorated Sales (07/01/20 - 10/31/20)	8,708,801	
Direct Cost of Gas Rate		\$0.3034 per therm
Demand Cost of Gas Rate	\$725,806	\$0.0833 per therm
Commodity Cost of Gas Rate	<u>\$1,916,677</u>	<u>\$0.2201</u> per therm
Total Direct Cost of Gas Rate	\$2,642,482	\$0.3034 per therm
Total Anticipated Indirect Cost of Gas	(\$231,620)	
Projected Prorated Sales (07/01/20 - 10/31/20)	8,708,801	
Indirect Cost of Gas		(\$0.0266) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.2768 per therm
Period ending under-collection to be recovered	(\$341,893)	
Projected sales (05/01/20 - 10/31/20)	8,708,801	
Per unit change in Cost of Gas (05/01/20 - 10/31/20)	(\$0.0393)	
Period ending under-collection to be recovered	(\$427,393)	
Projected sales (07/01/20 - 10/31/20)	4,862,235	
Per unit change in Cost of Gas (07/01/20 - 10/31/20)	(\$0.0879)	

RESIDENTIAL COST OF GAS RATE - 07/01/20	COGwr	\$0.1496 per therm
	Maximum (COG+25%)	\$0.3460

INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/20	\$0.2768
CHANGE IN PER UNIT COST	(\$0.0393)
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/20	\$0.2375
CHANGE IN PER UNIT COST	(\$0.0879)
REVISED RESIDENTIAL COST OF GAS RATE - 07/01/20	\$0.1496

COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/20	COGwl	\$0.1171 per therm
	Maximum (COG+25%)	\$0.3054

INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20	\$0.2443
CHANGE IN PER UNIT COST	(\$0.0393)
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20	\$0.2050
CHANGE IN PER UNIT COST	(\$0.0879)
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/20	\$0.1171

COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/20	COGwh	\$0.1844 per therm
	Maximum (COG+25%)	\$0.3895

INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20	\$0.3116
CHANGE IN PER UNIT COST	(\$0.0393)
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20	\$0.2723
CHANGE IN PER UNIT COST	(\$0.0879)
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/20	\$0.1844

Issued: June 23, 2020
 Effective Date: July 1, 2020
 Authorized by NHPUC Order No. 26,303, in Docket No. DG 19-154, dated October 29, 2019.

Issued By: Laurence M. Brock
 Senior Vice President

**NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 SUMMER SEASON RESIDENTIAL RATES**

Summer Season July 2020 - October 2020		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 First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.0706 \$0.1496	\$22.20 \$0.6805 \$0.6805	\$22.20 \$0.8301 \$0.8301
Residential Heating Low Income	<u>Tariff Rate R 10:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$8.88 \$0.2440 \$0.2440 \$0.0706 \$0.1496	\$8.88 \$0.3146 \$0.3146	\$8.88 \$0.4642 \$0.4642
Residential Non-Heating	<u>Tariff Rate R 6:</u> Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0706 \$0.1496	\$22.20 \$0.7176 \$0.7176	\$22.20 \$0.8672 \$0.8672

Issued: June 23, 2020

Effective: With Service Rendered On and After July 1, 2020

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Issued by:

Laurence M. Brock

Title:

Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 SUMMER SEASON C&I RATES

Summer Season July 2020 - October 2020		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 First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0359 \$0.1844	\$75.09 \$0.2224 \$0.2224	\$75.09 \$0.4068 \$0.4068
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0359 \$0.1171	\$75.09 \$0.2224 \$0.2224	\$75.09 \$0.3395 \$0.3395
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1895 \$0.0359 \$0.1844	\$222.64 \$0.2254	\$222.64 \$0.4098
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,000 therms All usage over 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1337 \$0.1087 \$0.0359 \$0.1171	\$222.64 \$0.1696 \$0.1446	\$222.64 \$0.2867 \$0.2617
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.1206 \$0.0359 \$0.1844	\$1,335.81 \$0.1565	\$1,335.81 \$0.3409
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.0792 \$0.0359 \$0.1171	\$1,335.81 \$0.1151	\$1,335.81 \$0.2322

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 Title: Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: ~~May~~ July 1, 2020 - October 31, 2020

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$2,642,482	
Projected Prorated Sales (05/01/20 - 10/31/20)	8,708,801	
Direct Cost of Gas Rate		\$0.3034 per therm
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<u>Period ending under-collection to be recovered</u>	<u>(\$427,393)</u>	
<u>Projected sales (07/01/20 - 10/31/20)</u>	<u>4,862,235</u>	
<u>Per unit change in Cost of Gas (07/01/20 - 10/31/20)</u>	<u>(\$0.0879)</u>	

RESIDENTIAL COST OF GAS RATE - 05/01/20 07/01/20	COGwr	\$0.2375	<u>\$0.1496</u> per therm
	Maximum (COG+25%)		\$0.3460
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/20			\$0.2768
CHANGE IN PER UNIT COST			(\$0.0393)
REVISED RESIDENTIAL COST OF GAS RATE - 05/01/20			\$0.2375
<u>CHANGE IN PER UNIT COST</u>			<u>(\$0.0879)</u>
<u>REVISED RESIDENTIAL COST OF GAS RATE - 07/01/20</u>			<u>\$0.1496</u>

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20 07/01/20	COGwl	\$0.2050	<u>\$0.1171</u> per therm
	Maximum (COG+25%)		\$0.3054
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20			\$0.2443
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REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20			\$0.2050
<u>CHANGE IN PER UNIT COST</u>			<u>(\$0.0879)</u>
<u>REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/20</u>			<u>\$0.1171</u>

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20 07/01/20	COGwh	\$0.2723	<u>\$0.1844</u> per therm
	Maximum (COG+25%)		\$0.3895
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20			\$0.3116
CHANGE IN PER UNIT COST			(\$0.0393)
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20			\$0.2723
<u>CHANGE IN PER UNIT COST</u>			<u>(\$0.0879)</u>
<u>REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/20</u>			<u>\$0.1844</u>

Issued: April June 23, 2020
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 Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 SUMMER-SEASON RESIDENTIAL RATES

	Summer Season May July 2020 - October 2020	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 First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.0706 \$0.2375 \$0.1496	\$22.20 \$0.6805 \$0.6805	\$22.20 \$0.9480 \$0.8301 \$0.9480 \$0.8301
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$8.88 \$0.2440 \$0.2440 \$0.0706 \$0.2375 \$0.1496	\$8.88 \$0.3146 \$0.3146	\$8.88 \$0.5524 \$0.4642 \$0.5524 \$0.4642
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0706 \$0.2375 \$0.1496	\$22.20 \$0.7176 \$0.7176	\$22.20 \$0.9554 \$0.8672 \$0.9554 \$0.8672

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 SUMMER SEASON C&I RATES

Summer Season May July 2020 - October 2020	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 First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0359 \$0.2723 \$0.1844	\$75.09 \$0.2224 \$0.2224	\$75.09 \$0.4947 \$0.4068 \$0.4947 \$0.4068
C&I Low Annual/Low Winter Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0359 \$0.2050 \$0.1171	\$75.09 \$0.2224 \$0.2224	\$75.09 \$0.4274 \$0.3395 \$0.4274 \$0.3395
C&I Medium Annual/High Winter Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1895 \$0.0359 \$0.2723 \$0.1844	\$222.64 \$0.2254	\$222.64 \$0.4977 \$0.4098
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C&I High Annual/Low Winter Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.0792 \$0.0359 \$0.2050 \$0.1171	\$1,335.81 \$0.1151	\$1,335.81 \$0.3204 \$0.2322

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