

**CALCULATION OF FIRM SALES COST OF GAS RATE**

Period Covered: May 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	
<b>Direct Cost of Gas Rate</b>		\$0.3034 per therm
<b>Demand Cost of Gas Rate</b>	\$725,806	\$0.0833 per therm
<b>Commodity Cost of Gas Rate</b>	<u>\$1,916,677</u>	<u>\$0.2201</u> per therm
<b>Total Direct Cost of Gas Rate</b>	\$2,642,482	<b>\$0.3034</b> per therm
Total Anticipated Indirect Cost of Gas	(\$231,620)	
Projected Prorated Sales (05/01/20 - 10/31/20)	8,708,801	
<b>Indirect Cost of Gas</b>		(\$0.0266) per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>		<b>\$0.2768 per therm</b>
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)	

<b>RESIDENTIAL COST OF GAS RATE -05/01/20</b>	<b>COGwr</b>	<b>\$0.2375 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.3460</b>

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

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20</b>	<b>COGwl</b>	<b>\$0.2050 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.3054</b>

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

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20</b>	<b>COGwh</b>	<b>\$0.2723 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.3895</b>

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

Issued: April 23, 2020  
 Effective Date: May 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**

<b>Summer Season May 2020 - October 2020</b>		<b>Tariff Rates</b>	<b>Total Delivery Rates (Includes LDAC)</b>	<b>Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas</b>
Residential Heating	<b><u>Tariff Rate R 5:</u></b> Monthly Customer Charge First 50 therms All usage over 50 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$22.20 \$0.6099 \$0.6099 <b>\$0.0706</b> <b>\$0.2375</b>	<b>\$22.20</b> <b>\$0.6805</b> <b>\$0.6805</b>	<b>\$22.20</b> <b>\$0.9180</b> <b>\$0.9180</b>
Residential Heating Low Income	<b><u>Tariff Rate R 10:</u></b> Monthly Customer Charge First 50 therms All usage over 50 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$8.88 \$0.2440 \$0.2440 <b>\$0.0706</b> <b>\$0.2375</b>	<b>\$8.88</b> <b>\$0.3146</b> <b>\$0.3146</b>	<b>\$8.88</b> <b>\$0.5521</b> <b>\$0.5521</b>
Residential Non-Heating	<b><u>Tariff Rate R 6:</u></b> Monthly Customer Charge First 10 therms All usage over 10 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$22.20 \$0.6470 \$0.6470 <b>\$0.0706</b> <b>\$0.2375</b>	<b>\$22.20</b> <b>\$0.7176</b> <b>\$0.7176</b>	<b>\$22.20</b> <b>\$0.9551</b> <b>\$0.9551</b>

Issued: April 23, 2020

Effective: With Service Rendered On and After May 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 May 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	<b>Tariff Rate G 40:</b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.1865 \$0.1865 <b>\$0.0359</b> <b>\$0.2723</b>	\$75.09 <b>\$0.2224</b> <b>\$0.2224</b> <b>\$0.2224</b>	\$75.09 <b>\$0.4947</b> <b>\$0.4947</b>
C&I Low Annual/Low Winter	<b>Tariff Rate G 50:</b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.1865 \$0.1865 <b>\$0.0359</b> <b>\$0.2050</b>	\$75.09 <b>\$0.2224</b> <b>\$0.2224</b> <b>\$0.2224</b>	\$75.09 <b>\$0.4274</b> <b>\$0.4274</b>
C&I Medium Annual/High Winter	<b>Tariff Rate G 41:</b> Monthly Customer Charge All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$222.64 \$0.1895 <b>\$0.0359</b> <b>\$0.2723</b>	\$222.64 <b>\$0.2254</b> <b>\$0.2254</b>	\$222.64 <b>\$0.4977</b>
C&I Medium Annual/Low Winter	<b>Tariff Rate G 51:</b> Monthly Customer Charge First 1,000 therms All usage over 1,000 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$222.64 \$0.1337 \$0.1087 <b>\$0.0359</b> <b>\$0.2050</b>	\$222.64 <b>\$0.1696</b> <b>\$0.1446</b> <b>\$0.1446</b>	\$222.64 <b>\$0.3746</b> <b>\$0.3496</b>
C&I High Annual/High Winter	<b>Tariff Rate G 42:</b> Monthly Customer Charge All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$1,335.81 \$0.1206 <b>\$0.0359</b> <b>\$0.2723</b>	\$1,335.81 <b>\$0.1565</b> <b>\$0.1565</b>	\$1,335.81 <b>\$0.4288</b>
C&I High Annual/Low Winter	<b>Tariff Rate G 52:</b> Monthly Customer Charge All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$1,335.81 \$0.0792 <b>\$0.0359</b> <b>\$0.2050</b>	\$1,335.81 <b>\$0.1151</b> <b>\$0.1151</b>	\$1,335.81 <b>\$0.3201</b>

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 Title: Senior Vice President

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<b>Per unit change in Cost of Gas (05/01/20 - 10/31/20)</b>	(\$0.0393)	

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

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20	COGwl	\$0.2443	\$0.2050	per therm
	Maximum (COG+25%)		\$0.3054	
<u>INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20</u>			\$0.2443	
<u>CHANGE IN PER UNIT COST</u>			(\$0.0393)	
<u>REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20</u>			\$0.2050	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$124,606
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	\$12,788
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$137,394
C&I HLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,702,383
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.0508</b>

C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$594,754
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	(\$27)
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$594,727
C&I HLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,702,383
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.2201</b>

**INDIRECT COST OF GAS** (\$0.0266)

**TOTAL C&I HLF COST OF GAS RATE** \$0.2443

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

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$271,219
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$27,835
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$299,054
C&I LLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,532,740
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.1181</b>

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$557,418
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$26)
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$557,393
C&I LLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,532,740
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.2201</b>

**INDIRECT COST OF GAS** (\$0.0266)

**TOTAL C&I LLF COST OF GAS RATE** \$0.3116

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
 SUMMER-SEASON RESIDENTIAL RATES

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Residential Heating Low income <b>Tariff Rate R 10:</b> Monthly Customer Charge First 50 therms All usage over 50 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$8.88 \$0.2440 \$0.2440 \$0.0706 <del>\$0.2768</del> <u>\$0.2375</u>	\$8.88 \$0.3146 \$0.3146	\$8.88 <del>\$0.5914</del> <u>\$0.5521</u> <del>\$0.5914</del> <u>\$0.5521</u>
Residential Non-Heating <b>Tariff Rate R 6:</b> <b>Monthly</b> Customer Charge First 10 therms All usage over 10 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0706 <del>\$0.2768</del> <u>\$0.2375</u>	\$22.20 \$0.7176 \$0.7176	\$22.20 <del>\$0.9944</del> <u>\$0.9551</u> <del>\$0.9944</del> <u>\$0.9551</u>

Issued: ~~November 1, 2019~~ April 23, 2020

Effective Date: May 1, 2020

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Issued by:

Title:

Laurence M. Brock

~~-Christine Vaughan~~

Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
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