

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

Period Covered: September 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>	<u>\$2,642,482</u>	<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 over-collection to be recovered - per April Report	(\$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 over-collection to be recovered - per June Report	(\$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)	
Period ending under-collection to be recovered - per August Report	\$447,787	
Projected sales (09/01/20 - 10/31/20)	3,041,809	
Per unit change in Cost of Gas (09/01/20 - 10/31/20)	\$0.1472	

<b>RESIDENTIAL COST OF GAS RATE - 09/01/20</b>	<b>COGwr</b>	<b>\$0.2968</b>	<b>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	
CHANGE IN PER UNIT COST		(\$0.0879)	
REVISED RESIDENTIAL COST OF GAS RATE - 07/01/20		\$0.1496	
CHANGE IN PER UNIT COST		\$0.1472	
REVISED RESIDENTIAL COST OF GAS RATE - 09/01/20		\$0.2968	

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/20</b>	<b>COGwl</b>	<b>\$0.2643</b>	<b>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	
CHANGE IN PER UNIT COST		(\$0.0879)	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/20		\$0.1171	
CHANGE IN PER UNIT COST		\$0.1472	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/20		\$0.2643	

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/20</b>	<b>COGwh</b>	<b>\$0.3316</b>	<b>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	
CHANGE IN PER UNIT COST		(\$0.0879)	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/20		\$0.1844	
CHANGE IN PER UNIT COST		\$0.1472	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/20		\$0.3316	

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
 SUMMER SEASON RESIDENTIAL RATES

Summer Season September 2020 - October 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<b>Tariff Rate R 5:</b>			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 50 therms	\$0.6099	\$0.6805	\$0.9773
	All usage over 50 therms	\$0.6099	\$0.6805	\$0.9773
	<b>LDAC</b>	<b>\$0.0706</b>		
	<b>Gas Cost Adjustment:</b>			
	Cost of Gas	<b>\$0.2968</b>		
Residential Heating Low Income	<b>Tariff Rate R 10:</b>			
	Monthly Customer Charge	\$8.88	\$8.88	\$8.88
	First 50 therms	\$0.2440	\$0.3146	\$0.6114
	All usage over 50 therms	\$0.2440	\$0.3146	\$0.6114
	<b>LDAC</b>	<b>\$0.0706</b>		
	<b>Gas Cost Adjustment:</b>			
	Cost of Gas	<b>\$0.2968</b>		
Residential Non-Heating	<b>Tariff Rate R 6:</b>			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 10 therms	\$0.6470	\$0.7176	\$1.0144
	All usage over 10 therms	\$0.6470	\$0.7176	\$1.0144
	<b>LDAC</b>	<b>\$0.0706</b>		
	<b>Gas Cost Adjustment:</b>			
	Cost of Gas	<b>\$0.2968</b>		

Issued: August 21, 2020

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

Authorized by NHPUC Order No. 26,303, in Docket No. DG 19-154, dated October 29, 2019.

Issued by:

**Robert B. Hevert**

Title:

Senior Vice President

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

Summer Season September 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>\$0.3316</b>	\$75.09 <b>\$0.2224</b> <b>\$0.2224</b>      	\$75.09 <b>\$0.5540</b> <b>\$0.5540</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>\$0.2643</b>	\$75.09 <b>\$0.2224</b> <b>\$0.2224</b>      	\$75.09 <b>\$0.4867</b> <b>\$0.4867</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>\$0.3316</b>	\$222.64 <b>\$0.2254</b>      	\$222.64 <b>\$0.5570</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>\$0.2643</b>	\$222.64 <b>\$0.1696</b> <b>\$0.1446</b>      	\$222.64 <b>\$0.4339</b> <b>\$0.4089</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>\$0.3316</b>	\$1,335.81 <b>\$0.1565</b>      	\$1,335.81 <b>\$0.4881</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>\$0.2643</b>	\$1,335.81 <b>\$0.1151</b>      	\$1,335.81 <b>\$0.3794</b>      

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 Title: Senior Vice President

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

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

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$2,642,482	
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<u>Per unit change in Cost of Gas (09/01/20 - 10/31/20)</u>	<u>\$0.1472</u>	

RESIDENTIAL COST OF GAS RATE - <del>07/01/20</del> <u>09/01/20</u>	COGwr	<del>\$0.1496</del>	<u>\$0.2968</u>	per therm
	Maximum (COG+25%)		<u>\$0.3460</u>	
INITIAL RESIDENTIAL COST OF GAS RATE - 05/01/20			\$0.2768	
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<u>CHANGE IN PER UNIT COST</u>			<u>\$0.1472</u>	
<u>REVISED RESIDENTIAL COST OF GAS RATE - 09/01/20</u>			<u>\$0.2968</u>	

COM/IND LOW WINTER USE COST OF GAS RATE - <del>07/01/20</del> <u>09/01/20</u>	COGwl	<del>\$0.1174</del>	<u>\$0.2643</u>	per therm
	Maximum (COG+25%)		<u>\$0.3054</u>	
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/20			\$0.2443	
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CHANGE IN PER UNIT COST			(\$0.0879)	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/20			\$0.1171	
<u>CHANGE IN PER UNIT COST</u>			<u>\$0.1472</u>	
<u>REVISED COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/20</u>			<u>\$0.2643</u>	

COM/IND HIGH WINTER USE COST OF GAS RATE - <del>07/01/20</del> <u>09/01/20</u>	COGwh	<del>\$0.1844</del>	<u>\$0.3316</u>	per therm
	Maximum (COG+25%)		<u>\$0.3895</u>	
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20			\$0.3116	
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<u>REVISED COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/20</u>			<u>\$0.3316</u>	

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Issued By: Laurence M. Breck Robert B. Heverit  
Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
 SUMMER-SEASON RESIDENTIAL RATES

Summer Season <del>July</del> <u>September</u> 2020 - October 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
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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>\$0.1496</del> <u>\$0.2968</u>	\$8.88  \$0.3146 \$0.3146	\$8.88  <del>\$0.4642</del> <u>\$0.6114</u> <del>\$0.4642</del> <u>\$0.6114</u>
Residential Non-Heating	<b>Tariff Rate R 6:</b> Monthly 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>\$0.1496</del> <u>\$0.2968</u>	\$22.20  \$0.7176 \$0.7176	\$22.20  <del>\$0.8672</del> <u>\$1.0144</u> <del>\$0.8672</del> <u>\$1.0144</u>

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 Title: Senior Vice President

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

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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 \$0.0359  <del>\$0.1171</del> <u>\$0.2643</u>	 \$75.09  \$0.2224 \$0.2224	 \$75.09  <del>\$0.3395</del> <u>\$0.4867</u> <del>\$0.3395</del> <u>\$0.4867</u>
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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 \$0.0359  <del>\$0.1171</del> <u>\$0.2643</u>	 \$222.64  \$0.1696 \$0.1446	 \$222.64  <del>\$0.2867</del> <u>\$0.4339</u> <del>\$0.2617</del> <u>\$0.4089</u>
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 \$0.0359  <del>\$0.1844</del> <u>\$0.3316</u>	 \$1,335.81  \$0.1565	 \$1,335.81  <del>\$0.3409</del> <u>\$0.4881</u>
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