

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
WINTER SEASON RESIDENTIAL RATES

Winter Season November 2021 - April 2022		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 First 50 therms All usage over 50 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7603 \$0.7603 <b>\$0.0658</b> <b>\$0.8975</b>	<b>\$22.20</b> <b>\$0.8261</b> <b>\$0.8261</b>	<b>\$22.20</b> <b>\$1.7236</b> <b>\$1.7236</b>
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	\$22.20 \$0.7603 \$0.7603 <b>\$0.0658</b> <b>\$0.8975</b>	<b>\$22.20</b> <b>\$0.8261</b> <b>\$0.8261</b>	<b>\$22.20</b> <b>\$1.7236</b> <b>\$1.7236</b>
45% Low Income Discount	Monthly Customer Charge	(\$9.99)	(\$9.99)	(\$9.99)
45% Low Income Discount	First 50 therms	(\$0.3421)	(\$0.3421)	(\$0.7460)
45% Low Income Discount	All usage over 50 therms	(\$0.3421)	(\$0.3421)	(\$0.7460)
No Discount	<b>LDAC</b>	\$0.0000		
45% Low Income Discount	<b>Gas Cost Adjustment:</b> Cost of Gas	(\$0.4039)		
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 \$0.7153 \$0.7153 <b>\$0.0658</b> <b>\$0.8975</b>	<b>\$22.20</b> <b>\$0.7811</b> <b>\$0.7811</b>	<b>\$22.20</b> <b>\$1.6786</b> <b>\$1.6786</b>

Issued: December 21, 2021

Effective: With Service Rendered On and After January 1, 2022

Authorized by NHPUC Order No. 26,539 in Docket No. DG 21-131, dated October 29, 2021

Issued by:

Title:

**Robert B. Hevert**

Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

WINTER SEASON C&I RATES

Winter Season November 2021 - April 2022		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<b><u>Tariff Rate G 40:</u></b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$75.09 \$0.2090 \$0.2090 <b>\$0.0448</b> <b>\$0.9134</b>	\$75.09 <b>\$0.2538</b> <b>\$0.2538</b>	\$75.09 <b>\$1.1672</b> <b>\$1.1672</b>
C&I Low Annual/Low Winter	<b><u>Tariff Rate G 50:</u></b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$75.09 \$0.2090 \$0.2090 <b>\$0.0448</b> <b>\$0.8036</b>	\$75.09 <b>\$0.2538</b> <b>\$0.2538</b>	\$75.09 <b>\$1.0574</b> <b>\$1.0574</b>
C&I Medium Annual/High Winter	<b><u>Tariff Rate G 41:</u></b> Monthly Customer Charge All usage <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$222.64 \$0.2650 <b>\$0.0448</b> <b>\$0.9134</b>	\$222.64 <b>\$0.3098</b>	\$222.64 <b>\$1.2232</b>
C&I Medium Annual/Low Winter	<b><u>Tariff Rate G 51:</u></b> Monthly Customer Charge First 1,300 therms All usage over 1,300 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$222.64 \$0.1937 \$0.1624 <b>\$0.0448</b> <b>\$0.8036</b>	\$222.64 <b>\$0.2385</b> <b>\$0.2072</b>	\$222.64 <b>\$1.0421</b> <b>\$1.0108</b>
C&I High Annual/High Winter	<b><u>Tariff Rate G 42:</u></b> Monthly Customer Charge All usage <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$1,335.81 \$0.2209 <b>\$0.0448</b> <b>\$0.9134</b>	\$1,335.81 <b>\$0.2657</b>	\$1,335.81 <b>\$1.1791</b>
C&I High Annual/Low Winter	<b><u>Tariff Rate G 52:</u></b> Monthly Customer Charge All usage <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$1,335.81 \$0.1945 <b>\$0.0448</b> <b>\$0.8036</b>	\$1,335.81 <b>\$0.2393</b>	\$1,335.81 <b>\$1.0429</b>

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Issued by:

Robert B. Hevert

Title:

Senior Vice President

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

Period Covered: November 1, 2021 - April 30, 2022

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$32,005,179	
Projected Prorated Sales (11/01/21 - 04/30/22)	35,339,329	
<b>Direct Cost of Gas Rate</b>		\$0.9057 per therm
<b>Demand Cost of Gas Rate</b>	\$12,798,284	\$0.3622 per therm
<b>Commodity Cost of Gas Rate</b>	<u>\$19,206,895</u>	\$0.5435 per therm
<b>Total Direct Cost of Gas Rate</b>	<u>\$32,005,179</u>	<b>\$0.9057 per therm</b>
Total Anticipated Indirect Cost of Gas	\$1,185,012	
Projected Prorated Sales (11/01/21 - 04/30/22)	35,339,329	
<b>Indirect Cost of Gas</b>		\$0.0335 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>		<b>\$0.9392 per therm</b>

Period ending under-collection to be recovered as determined on 12/21/2021	(\$995,768)
Projected Sales (01/01/22 - 04/30/2022)	23,905,700
Per unit change in Cost of Gas (01/01/21 - 04/30/22)	(\$0.0417)

<b>RESIDENTIAL COST OF GAS RATE -01/01/22</b>	<b>COGwr</b>	<b>\$0.8975 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$1.1740</b>

RESIDENTIAL COST OF GAS RATES - 11/01/2021	\$0.9392
CHANGE IN PER UNIT COST	(\$0.0417)
RESIDENTIAL COST OF GAS RATES - 01/01/2022	\$0.8975

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/22</b>	<b>COGwl</b>	<b>\$0.8036 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$1.0566</b>

COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2021	\$0.8453
CHANGE IN PER UNIT COST	(\$0.0417)
COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2022	\$0.8036

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/22</b>	<b>COGwh</b>	<b>\$0.9134 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$1.1939</b>

COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2021	\$0.9551
CHANGE IN PER UNIT COST	(\$0.0417)
COM/IND HIGH WINTER USE COST OF GAS RATES - 02/01/2022	\$0.9134

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 Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
WINTER SEASON RESIDENTIAL RATES

Winter Season November 2021 - April 2022		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 First 50 therms All usage over 50 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7603 \$0.7603 \$0.0658  <del>\$0.9392</del> <b>\$0.8975</b>	\$22.20 \$0.8261 \$0.8261		\$22.20 <del>\$1.7653</del> <b>\$1.7236</b> <del>\$1.7653</del> <b>\$1.7236</b>
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	\$22.20 \$0.7603 \$0.7603 \$0.0658  <del>\$0.9392</del> <b>\$0.8975</b>	\$22.20 \$0.8261 \$0.8261		\$22.20 <del>\$1.7653</del> <b>\$1.7236</b> <del>\$1.7653</del> <b>\$1.7236</b>
45% Low Income Discount	Monthly Customer Charge	(\$9.99)	(\$9.99)		(\$9.99)
45% Low Income Discount	First 50 therms	(\$0.3421)	<del>(\$0.3421)</del>	<del>(\$0.7647)</del>	<del>(\$0.7460)</del>
45% Low Income Discount	All usage over 50 therms	(\$0.3421)	<del>(\$0.3421)</del>	<del>(\$0.7647)</del>	<del>(\$0.7460)</del>
No Discount	<b>LDAC</b>	\$0.0000			
45% Low Income Discount	<b>Gas Cost Adjustment:</b> Cost of Gas	<del>(\$0.4226)</del> <b>(\$0.4039)</b>			
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 \$0.7153 \$0.7153 \$0.0658  <del>\$0.9392</del> <b>\$0.8975</b>	\$22.20 \$0.7811 \$0.7811		\$22.20 <del>\$1.7203</del> <b>\$1.6786</b> <del>\$1.7203</del> <b>\$1.6786</b>

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Issued by:

**Robert B. Hevert**

Title:

Senior Vice President

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

Winter Season November 2021 - April 2022	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
<b>C&amp;I Low Annual/High Winter</b> <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 \$0.2090 \$0.2090 \$0.0448 <del>\$0.9551</del> <u>\$0.9134</u>	\$75.09 \$0.2538 \$0.2538	\$75.09 <del>\$1.2089</del> <u>\$1.1672</u> <del>\$1.2089</del> <u>\$1.1672</u>
<b>C&amp;I Low Annual/Low Winter</b> <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 \$0.2090 \$0.2090 \$0.0448 <del>\$0.8453</del> <u>\$0.8036</u>	\$75.09 \$0.2538 \$0.2538	\$75.09 <del>\$1.0991</del> <u>\$1.0574</u> <del>\$1.0991</del> <u>\$1.0574</u>
<b>C&amp;I Medium Annual/High Winter</b> <b>Tariff Rate G 41:</b> Monthly Customer Charge  All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$222.64  \$0.2650 \$0.0448 <del>\$0.9551</del> <u>\$0.9134</u>	\$222.64  \$0.3098	\$222.64  <del>\$1.2649</del> <u>\$1.2232</u>
<b>C&amp;I Medium Annual/Low Winter</b> <b>Tariff Rate G 51:</b> Monthly Customer Charge First 1,300 therms All usage over 1,300 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$222.64 \$0.1937 \$0.1624 \$0.0448 <del>\$0.8453</del> <u>\$0.8036</u>	\$222.64 \$0.2385 \$0.2072	\$222.64 <del>\$1.0838</del> <u>\$1.0421</u> <del>\$1.0525</del> <u>\$1.0108</u>
<b>C&amp;I High Annual/High Winter</b> <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  \$0.2209 \$0.0448 <del>\$0.9551</del> <u>\$0.9134</u>	\$1,335.81  \$0.2657	\$1,335.81  <del>\$1.2208</del> <u>\$1.1791</u>
<b>C&amp;I High Annual/Low Winter</b> <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  \$0.1945 \$0.0448 <del>\$0.8453</del> <u>\$0.8036</u>	\$1,335.81  \$0.2393	\$1,335.81  <del>\$1.0846</del> <u>\$1.0429</u>

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 Title: Senior Vice President

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

Period Covered: November 1, 2021 - April 30, 2022

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$32,005,179	
Projected Prorated Sales (11/01/21 - 04/30/22)	35,339,329	
<b>Direct Cost of Gas Rate</b>		\$0.9057 per therm
<b>Demand Cost of Gas Rate</b>	\$12,798,284	\$0.3622 per therm
<b>Commodity Cost of Gas Rate</b>	\$19,206,895	\$0.5435 per therm
<b>Total Direct Cost of Gas Rate</b>	\$32,005,179	<b>\$0.9057 per therm</b>
Total Anticipated Indirect Cost of Gas	\$1,185,012	
Projected Prorated Sales (11/01/21 - 04/30/22)	35,339,329	
<b>Indirect Cost of Gas</b>		\$0.0335 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>		<b>\$0.9392 per therm</b>
<u>Period ending under-collection to be recovered as determined on 12/21/2021</u>		(\$995,768)
<u>Projected Sales (01/01/22 - 04/30/2022)</u>		23,905,700
<u>Per unit change in Cost of Gas (01/01/21 - 04/30/22)</u>		(\$0.0417)

RESIDENTIAL COST OF GAS RATE - <del>11/01/21</del> <u>01/01/2022</u>	COGwr	\$0.9392	\$0.8975	per therm
	Maximum (Initial COG+25%)		\$1.1740	
<u>RESIDENTIAL COST OF GAS RATES - 11/01/2021</u>			\$0.9392	
<u>CHANGE IN PER UNIT COST</u>			(\$0.0417)	
<u>RESIDENTIAL COST OF GAS RATES - 01/01/2022</u>			\$0.8975	

COM/IND LOW WINTER USE COST OF GAS RATE - <del>11/01/21</del> <u>01/01/2022</u>	COGwl	\$0.8453	\$0.8036	per therm
	Maximum (Initial COG+25%)		\$1.0566	
<u>COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2021</u>			\$0.8453	
<u>CHANGE IN PER UNIT COST</u>			(\$0.0417)	
<u>COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2021</u>			\$0.8036	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$668,845
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	\$15,887
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$684,732
C&I HLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	2,692,919
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.2543</b>
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$4,503,327
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	(\$2,088)
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$4,501,239
C&I HLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	2,692,919
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.5575</b>
<b>INDIRECT COST OF GAS</b>	<b>\$0.0335</b>
<b>TOTAL C&amp;I HLF COST OF GAS RATE</b>	<b>\$0.8453</b>

COM/IND HIGH WINTER USE COST OF GAS RATE - <del>11/01/21</del> <u>01/01/2022</u>	COGwh	\$0.9551	\$0.9134	per therm
	Maximum (Initial COG+25%)		\$1.1939	
<u>COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2021</u>			\$0.9551	
<u>CHANGE IN PER UNIT COST</u>			(\$0.0417)	
<u>COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2022</u>			\$0.9134	

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,898,495
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$140,104
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$6,038,599
C&I LLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	15,871,915
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.3805</b>
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$8,600,676
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$11,944)
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$8,588,732
C&I LLF PROJECTED PRORATED SALES (11/01/21 - 04/30/22)	15,871,915
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.5411</b>
<b>INDIRECT COST OF GAS</b>	<b>\$0.0335</b>
<b>TOTAL C&amp;I LLF COST OF GAS RATE</b>	<b>\$0.9551</b>