

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
 SUMMER SEASON RESIDENTIAL RATES

Summer Season May 2022 - October 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 All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6782 <b>\$0.0631</b> <b>\$0.5176</b>	<b>\$22.20</b> <b>\$0.7413</b>	<b>\$22.20</b> <b>\$1.2589</b>
Residential Heating Low Income <b>Tariff Rate R 10:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6782 <b>\$0.0631</b> <b>\$0.5176</b>	<b>\$22.20</b> <b>\$0.7413</b>	<b>\$22.20</b> <b>\$1.2589</b>
No Discount* Monthly Customer Charge	\$0.00	<b>\$0.00</b>	<b>\$0.00</b>
No Discount* All Usage	\$0.0000	<b>\$0.0000</b>	<b>\$0.0000</b>
No Discount <b>LDAC</b>	\$0.0000		
No Discount* <b>Gas Cost Adjustment:</b> Cost of Gas	\$0.0000		
Residential Non-Heating <b>Tariff Rate R 6:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7153 <b>\$0.0631</b> <b>\$0.5176</b>	<b>\$22.20</b> <b>\$0.7784</b>	<b>\$22.20</b> <b>\$1.2960</b>

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

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Issued by:

Title:

**Robert B. Hevert**  
 Senior Vice President

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

Summer Season May 2022 - October 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>Tariff Rate G 40:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.2090 <b>\$0.0360</b> <b>\$0.5445</b>	<b>\$75.09</b> <b>\$0.2450</b>	<b>\$75.09</b> <b>\$0.7895</b>
C&I Low Annual/Low Winter	<b>Tariff Rate G 50:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.2090 <b>\$0.0360</b> <b>\$0.4740</b>	<b>\$75.09</b> <b>\$0.2450</b>	<b>\$75.09</b> <b>\$0.7190</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 \$0.2120 <b>\$0.0360</b> <b>\$0.5445</b>	<b>\$222.64</b> <b>\$0.2480</b>	<b>\$222.64</b> <b>\$0.7925</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 \$0.1562 \$0.1312 <b>\$0.0360</b> <b>\$0.4740</b>	<b>\$222.64</b> <b>\$0.1922</b> <b>\$0.1672</b>	<b>\$222.64</b> <b>\$0.6662</b> <b>\$0.6412</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 \$0.1431 <b>\$0.0360</b> <b>\$0.5445</b>	<b>\$1,335.81</b> <b>\$0.1791</b>	<b>\$1,335.81</b> <b>\$0.7236</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 \$0.1017 <b>\$0.0360</b> <b>\$0.4740</b>	<b>\$1,335.81</b> <b>\$0.1377</b>	<b>\$1,335.81</b> <b>\$0.6117</b>

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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 All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7603 <b>\$0.0631</b>  <b>\$0.9392</b>	<b>\$22.20</b> <b>\$0.8234</b>	<b>\$22.20</b> <b>\$1.7626</b>
Residential Heating Low Income	<b>Tariff Rate R 10:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7603 <b>\$0.0631</b>  <b>\$0.9392</b>	<b>\$22.20</b> <b>\$0.8234</b>	<b>\$22.20</b> <b>\$1.7626</b>
45% Low Income Discount	Monthly Customer Charge	(\$9.99)	<b>(\$9.99)</b>	<b>(\$9.99)</b>
45% Low Income Discount	All Usage	(\$0.3421)	<b>(\$0.3421)</b>	<b>(\$0.7647)</b>
No Discount	<b>LDAC</b>	\$0.0000		
45% Low Income Discount	<b>Gas Cost Adjustment:</b> Cost of Gas	(\$0.4226)		
Residential Non-Heating	<b>Tariff Rate R 6:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7153 <b>\$0.0631</b>  <b>\$0.9392</b>	<b>\$22.20</b> <b>\$0.7784</b>	<b>\$22.20</b> <b>\$1.7176</b>

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 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>Tariff Rate G 40:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.2090 <b>\$0.0360</b>  <b>\$0.9551</b>	\$75.09 <b>\$0.2450</b>  \$75.09	\$75.09 \$1.2001  \$1.2001
C&I Low Annual/Low Winter	<b>Tariff Rate G 50:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.2090 <b>\$0.0360</b>  <b>\$0.8453</b>	\$75.09 <b>\$0.2450</b>  \$75.09	\$75.09 \$1.0903  \$1.0903
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 \$0.2650 <b>\$0.0360</b>  <b>\$0.9551</b>	\$222.64 <b>\$0.3010</b>  \$222.64	\$222.64 \$1.2561  \$1.2561
C&I Medium Annual/Low Winter	<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 <b>\$0.0360</b>  <b>\$0.8453</b>	\$222.64 <b>\$0.2297</b> <b>\$0.1984</b>  \$222.64	\$222.64 \$1.0750 \$1.0437  \$1.0750
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 \$0.2209 <b>\$0.0360</b>  <b>\$0.9551</b>	\$1,335.81 <b>\$0.2569</b>  \$1,335.81	\$1,335.81 \$1.2120  \$1,335.81
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 \$0.1945 <b>\$0.0360</b>  <b>\$0.8453</b>	\$1,335.81 <b>\$0.2305</b>  \$1,335.81	\$1,335.81 \$1.0758  \$1,335.81

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Title:

**Robert B. Hevert**

Senior Vice President

**Anticipated Cost of Gas**  
**New Hampshire Division**  
**Period Covered: November 1, 2021 - April 30, 2022**

(Col 1)	(Col 2)	(Col 3)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$4,553,044	
Supply Costs:	\$11,472,168	
<b>Storage &amp; Peaking Gas:</b>		
Demand, Capacity:	\$12,327,011	
Commodity Costs:	\$7,733,349	
<b>Interruptible Included Above</b>	\$0	
<b>Inventory Finance Charge</b>	\$1,378	
<b>Capacity Release, &amp; Asset Management</b>	(\$4,076,771)	
<b>Re-entry Rate &amp; Conversion Rate Revenues</b>	\$ (5,000)	
<b>Total Anticipated Direct Cost of Gas</b>		<u>\$32,005,179</u>
<b><u>ANTICIPATED INDIRECT COST OF GAS</u></b>		
<b>Adjustments:</b>		
Prior Period Under/(Over) Collection	\$189,294	
Interest	(\$42,086)	
Refunds	\$0	
<u>Interruptible Margins</u>	<u>\$0</u>	
Total Adjustments		\$147,208
<b>Working Capital:</b>		
Total Anticipated Direct Cost of Gas	\$32,005,179	
Working Capital Percentage	<u>0.0892%</u>	
Working Capital Allowance	\$ 28,555	
Plus: Working Capital Reconciliation (Acct 173)	<u>(\$5,834)</u>	
Total Working Capital Allowance		\$22,721
<b>Bad Debt:</b>		
Bad Debt Allowance	\$137,320	
Plus: Bad Debt Reconciliation (Acct 173)	(\$61,950)	
Total Bad Debt Allowance		\$75,370
<b>Local Production and Storage Capacity</b>		\$476,106
<b>Miscellaneous Overhead-79.87% Allocated to Winter Season</b>		<u>\$463,606</u>
<b>Total Anticipated Indirect Cost of Gas</b>		\$1,185,012
<b>Total Cost of Gas</b>		<u>\$33,190,191</u>

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 Senior Vice President

**Anticipated Cost of Gas**  
**New Hampshire Division**  
**Period Covered: May 1, 2022 - October 31, 2022**

	(Col 1)	(Col 2)	(Col 3)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>			
<b>Purchased Gas:</b>			
Demand Costs:		\$956,729	
Supply Costs:		\$3,110,213	
<b>Storage &amp; Peaking Gas:</b>			
Demand, Capacity:		\$397,395	
Commodity Costs:		\$21,467	
<b>Interruptible Included Above</b>		\$0	
<b>Inventory Finance Charge</b>		\$0	
<b>Capacity Release &amp; Asset Management</b>		\$0	
<b>Re-entry Rate and Conversion Rate Revenues</b>		\$0	
<b>Total Anticipated Direct Cost of Gas</b>			<b><u>\$4,485,804</u></b>
<b><u>ANTICIPATED INDIRECT COST OF GAS</u></b>			
<b>Adjustments:</b>			
Prior Period Under/(Over) Collection		\$47,710	
Interest		(\$41,380)	
Refunds		\$0	
<u>Interruptible Margins</u>		\$0	
Total Adjustments			\$6,330
<b>Working Capital:</b>			
Total Anticipated Direct Cost of Gas		\$4,485,805	
Working Capital Percentage		<u>0.0892%</u>	
Working Capital Allowance		\$4,002	
Plus: Working Capital Reconciliation (Acct 173)		(\$1,470)	
Total Working Capital Allowance			\$2,532
<b>Bad Debt:</b>			
Bad Debt Allowance		\$14,529	
Plus: Bad Debt Reconciliation (Acct 173)		(\$15,614)	
Total Bad Debt Allowance			(\$1,085)
<b>Local Production and Storage Capacity</b>			\$0
<b>Miscellaneous Overhead-20.13% Allocated to Summer Season</b>			\$116,849
<b>Total Anticipated Indirect Cost of Gas</b>			\$124,627
<b>Total Cost of Gas</b>			<b><u>\$4,610,432</u></b>

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**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>	\$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>

<b>RESIDENTIAL COST OF GAS RATE -11/01/21</b>	<b>COGwr</b>	<b>\$0.9392 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$1.1740</b>

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwl</b>	<b>\$0.8453 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$1.0566</b>

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$668,845
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>\$15,887</u>
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	\$1,503,327
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>(\$2,088)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,501,239
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>

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/21</b>	<b>COGwh</b>	<b>\$0.9551 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$1.1939</b>

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,898,495
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$140,104</u>
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	<u>(\$11,944)</u>
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>

**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	
<b>Direct Cost of Gas Rate</b>		\$0.5036 per therm
<b>Demand Cost of Gas Rate</b>	\$1,354,125	\$0.1520 per therm
<b>Commodity Cost of Gas Rate</b>	<u>\$3,131,680</u>	<u>\$0.3516</u> per therm
<b>Total Direct Cost of Gas Rate</b>	\$4,485,805	<b>\$0.5036</b> per therm
Total Anticipated Indirect Cost of Gas	\$124,627	
Projected Prorated Sales (05/01/22 - 10/31/22)	8,907,030	
<b>Indirect Cost of Gas</b>		\$0.0140 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>		<b>\$0.5176 per therm</b>

<b>RESIDENTIAL COST OF GAS RATE -05/01/22</b>	<b>COGwr</b>	<b>\$0.5176 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.6470</b>

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/22</b>	<b>COGwl</b>	<b>\$0.4740 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.5925</b>

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$205,468
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>\$11,258</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$216,726
C&I HLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	1,996,958
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.1085</b>
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$701,906
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$64</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$701,970
C&I HLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	1,996,958
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.3515</b>
<b>INDIRECT COST OF GAS</b>	<b>\$0.0140</b>
<b>TOTAL C&amp;I HLF COST OF GAS RATE</b>	<b>\$0.4740</b>

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/22</b>	<b>COGwh</b>	<b>\$0.5445 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.6806</b>

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$549,002
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$30,080</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$579,082
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	3,236,934
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.1789</b>
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,138,131
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$104</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$1,138,235
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	3,236,934
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.3516</b>
<b>INDIRECT COST OF GAS</b>	<b>\$0.0140</b>
<b>TOTAL C&amp;I LLF COST OF GAS RATE</b>	<b>\$0.5445</b>



**Local Delivery Adjustment Clause**

<b>Rate Schedule</b>	<b>GAPRA</b>	<b>EEC</b>	<b>LRR</b>	<b>ERC</b>	<b>ITMC</b>	<b>RCE</b>	<b>RPC</b>	<b>LDAC</b>
<b>Residential Heating</b>	\$0.0060	\$0.0449	\$0.0066	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0631
<b>Residential Non-Heating</b>	\$0.0060	\$0.0449	\$0.0066	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0631
<b>Small C&amp;I</b>	\$0.0060	\$0.0238	\$0.0006	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0360
<b>Medium C&amp;I</b>	\$0.0060	\$0.0238	\$0.0006	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0360
<b>Large C&amp;I</b>	\$0.0060	\$0.0238	\$0.0006	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0360
<b>No Previous Sales Service</b>								

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## **VII. DELIVERY SERVICE TERMS AND CONDITIONS**

### **APPENDIX A**

#### **Schedule of Administrative Fees and Charges**

**I. Supplier Balancing Charge:**      **\$0.71 per MMBtu** of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company’s latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

**II. Peaking Service Demand Charge:**      **\$ 71.85 per MMBtu** per MDPQ per month for November 2021 through April 2022. Provided on Page 6 of Attachment NUI-FXW-6.

- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

**III. Company Allowance Calculation:**      **1.25%** - Provided in Attachment NUI-FXW-3

**IV. Supplier Services and Associated Fees:**

<b><u>SERVICE</u></b>	<b><u>PRICING</u></b>
Pool Administration (required) <b>Non-Daily Metered Pools only</b>	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

**V. Meter Read Charge:**      \$78.00 when customer phone line is not reporting daily data

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**VII. DELIVERY SERVICE TERMS AND CONDITIONS**

**APPENDIX C**

**Capacity Allocators**

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2021 through October 31, 2022.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	22.28%	60.95%
Storage:	32.31%	16.23%
Peaking:	45.41%	22.82%

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Issued by: Robert B. Hevert

Senior Vice President

**VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)**

**Appendix D**

**Re-entry Surcharge and Conversion Surcharge  
(continued)**

**D. Information to be Filed with the Commission:**

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company's Cost of Gas Clause, the Company will apply such revenues as credits to the Company's New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, 2021 through April 30, 2022 and May 1, 2022 through October 2022.

<b>Effective Dates:</b>	<b>November 1, 2021 – April 30, 2022</b>	<b>May 1, 2022 – October 30, 2022</b>
<b>Re-entry Surcharge:</b>	\$0.000 per therm	\$0.0000 per therm
<b>Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):</b>	\$0.7543 per therm	\$0.0000 per therm
<b>Conversion Surcharge, High Load Factor (G-50, G-51, G-52):</b>	\$0.8641 per therm	\$0.0000 per therm

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Title: Senior Vice President

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
SUMMER-SEASON RESIDENTIAL RATES

Summer Season May 2024 <del>22</del> - October 20 <del>22</del>		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 All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6782 <del>\$0.1099</del> <u>\$0.0631</u>  <del>\$0.5398</del> <u>\$0.5176</u>	\$22.20  <del>\$0.7884</del> <u>\$0.7413</u>	\$22.20  <del>\$1.3279</del> <u>\$1.2589</u>
Residential Heating Low income	<b>Tariff Rate R 10:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6782 <del>\$0.1099</del> <u>\$0.0631</u>  <del>\$0.5398</del> <u>\$0.5176</u>	\$22.20  <del>\$0.7884</del> <u>\$0.7413</u>	\$22.20  <del>\$1.3279</del> <u>\$1.2589</u>
No Discount*	Monthly Customer Charge	\$0.0000	\$0.0000	\$0.0000
No Discount*	All Usage	\$0.0000	\$0.0000	\$0.0000
No Discount	<b>LDAC</b>	\$0.0000		
No Discount*	<b>Gas Cost Adjustment:</b> Cost of Gas	\$0.0000		
Residential Non-Heating	<b>Tariff Rate R 6:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.7153 <del>\$0.1099</del> <u>\$0.0631</u>  <del>\$0.5398</del> <u>\$0.5176</u>	\$22.20  <del>\$0.8252</del> <u>\$0.7784</u>	\$22.20  <del>\$1.3650</del> <u>\$1.2960</u>

\*: 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  
 SUMMER SEASON C&I RATES

Summer Season May 2021- October 2021		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 All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.2090 <del>\$0.0472</del> \$0.0360 <del>\$0.5719</del> \$0.5445	\$75.09 <del>\$0.2562</del> \$0.2450	\$75.09 <del>\$0.8284</del> \$0.7895
C&I Low Annual/Low Winter	<b>Tariff Rate G 50:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 \$0.2090 <del>\$0.0472</del> \$0.0360 <del>\$0.4929</del> \$0.4740	\$75.09 <del>\$0.2562</del> \$0.2450	\$75.09 <del>\$0.7494</del> \$0.7190
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 \$0.2120 <del>\$0.0472</del> \$0.0360 <del>\$0.5719</del> \$0.5445	\$222.64 <del>\$0.2592</del> \$0.2480	\$222.64 <del>\$0.8314</del> \$0.7925
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 \$0.1562 \$0.1312 <del>\$0.0472</del> \$0.0360 <del>\$0.4929</del> \$0.4740	\$222.64 <del>\$0.2034</del> \$0.1922 <del>\$0.1784</del> \$0.1672	\$222.64 <del>\$0.6963</del> \$0.6662 <del>\$0.6713</del> \$0.6412
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 \$0.1431 <del>\$0.0472</del> \$0.0360 <del>\$0.5719</del> \$0.5445	\$1,335.81 <del>\$0.1903</del> \$0.1791	\$1,335.81 <del>\$0.7622</del> \$0.7236
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 \$0.1017 <del>\$0.0472</del> \$0.0360 <del>\$0.4929</del> \$0.4740	\$1,335.81 <del>\$0.1489</del> \$0.1377	\$1,335.81 <del>\$0.6448</del> \$0.6117

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Issued by:  
 Title:

Robert B. Hevert  
 Senior Vice President

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

<b>Winter Season November 2020<del>21</del> - April 2024<del>22</del></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>Tariff Rate R 5:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6920 \$0.4099  \$0.7345	<u>\$0.7603</u> <u>\$0.0631</u>  <u>\$0.9392</u>	<b>\$0.8019</b>     	<b>\$22.20</b> <b>\$0.8234</b>    	<b>\$1.5334</b>     	<b>\$22.20</b> <b>\$1.7626</b>    
Residential Heating Low income	<b>Tariff Rate R 10:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6920 \$0.4099  \$0.7345	<u>\$0.7603</u> <u>\$0.0631</u>  <u>\$0.9392</u>	<b>\$0.8019</b>     	<b>\$22.20</b> <b>\$0.8234</b>    	<b>\$1.5334</b>     	<b>\$22.20</b> <b>\$1.7626</b>    
45% Low Income Discount	Monthly Customer Charge	(\$9.99)	<u>(\$0.3421)</u>	<b>(\$0.3114)</b>	(\$9.99) <u>(\$0.3421)</u>	<b>(\$0.6406)</b>	(\$9.99) <u>(\$0.7647)</u>
45% Low Income Discount No Discount	All Usage <b>LDAC</b>	\$0.0000					
45% Low Income Discount	<b>Gas Cost Adjustment:</b> Cost of Gas	<b>(\$0.3292)</b>	<b>(\$0.4226)</b>				
Residential Non-Heating	<b>Tariff Rate R 6:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$22.20 \$0.6470 \$0.4099  \$0.7345	<u>\$0.7153</u> <u>\$0.0631</u>  <u>\$0.9392</u>	<b>\$0.7569</b>     	<b>\$22.20</b> <b>\$0.7784</b>    	<b>\$1.4884</b>     	<b>\$22.20</b> <b>\$1.7176</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 20 <del>19</del> 21 - April 202022	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 All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 <del>\$0.1865</del> \$0.2090 <del>\$0.0472</del> \$0.0360  <del>\$0.7437</del> \$0.9551	 <del>\$0.2337</del> \$75.09  <del>\$0.2337</del> \$0.2450	 <del>\$0.9774</del> \$75.09  <del>\$0.9774</del> \$1.2001
<b>C&amp;I Low Annual/Low Winter</b> <b>Tariff Rate G 50:</b> Monthly Customer Charge All Usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$75.09 <del>\$0.1865</del> \$0.2090 <del>\$0.0472</del> \$0.0360  <del>\$0.6465</del> \$0.8453	 <del>\$0.2337</del> \$75.09  <del>\$0.2337</del> \$0.2450	 <del>\$0.8802</del> \$75.09  <del>\$0.8802</del> \$1.0903
<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 <del>\$0.2425</del> \$0.2650 <del>\$0.0472</del> \$0.0360  <del>\$0.7437</del> \$0.9551	 <del>\$0.2897</del> \$222.64  <del>\$0.2897</del> \$0.3010	 <del>\$1.0334</del> \$222.64  <del>\$1.0334</del> \$1.2561
<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 <del>\$0.1712</del> \$0.1937 <del>\$0.1399</del> \$0.1624 <del>\$0.0472</del> \$0.0360  <del>\$0.6465</del> \$0.8453	 <del>\$0.2184</del> \$222.64 <del>\$0.1874</del> \$0.2297  <del>\$0.1874</del> \$0.1984	 <del>\$0.8649</del> \$222.64 <del>\$0.8336</del> \$1.0750  <del>\$0.8336</del> \$1.0437
<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 <del>\$0.1984</del> \$0.2209 <del>\$0.0472</del> \$0.0360  <del>\$0.7437</del> \$0.9551	 <del>\$0.2456</del> \$1,335.81  <del>\$0.2456</del> \$0.2569	 <del>\$0.9893</del> \$1,335.81  <del>\$0.9893</del> \$1.2120
<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 <del>\$0.1720</del> \$0.1945 <del>\$0.0472</del> \$0.0360  <del>\$0.6465</del> \$0.8453	 <del>\$0.2192</del> \$1,335.81  <del>\$0.2192</del> \$0.2305	 <del>\$0.8657</del> \$1,335.81  <del>\$0.8657</del> \$1.0758

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**Anticipated Cost of Gas**

**New Hampshire Division**

Period Covered: November 1, 2020~~21~~ - October 31, 2021~~22~~

(Col 1)	(Col 2)	(Col 3)
<b>ANTICIPATED DIRECT COST OF GAS</b>		
<b>Purchased Gas:</b>		
Demand Costs:	<del>\$ 4,596,721</del> \$ 4,553,044	
Supply Costs:	<del>\$ 8,233,230</del> \$ 11,472,168	
<b>Storage &amp; Peaking Gas:</b>		
Demand, Capacity:	<del>\$ 11,702,910</del> \$ 12,327,011	
Commodity Costs:	<del>\$ 2,618,320</del> \$ 7,733,349	
<b>Interruptible Included Above</b>	<del>\$</del> \$ -	
<b>Inventory Finance Charge</b>	<del>\$ 1,266</del> \$ 1,378	
<b>Capacity Release</b>	<del>\$ (3,272,870)</del> \$ (4,076,771)	
<b>Re-entry Rate &amp; Conversion Rate Revenues</b>	<del>\$ (5,000)</del> \$ (5,000)	
<b>Total Anticipated Direct Cost of Gas</b>	<del>\$ 23,874,576</del> \$ 32,005,179	
<b>ANTICIPATED INDIRECT COST OF GAS</b>		
<b>Adjustments:</b>		
Prior Period Under/(Over) Collection	<del>\$ 614,082</del> \$ 189,294	
Interest	<del>\$ (44,016)</del> \$ (42,086)	
Refunds	<del>\$</del> \$ -	
<u>Interruptible Margins</u>	<del>\$</del> \$ -	
Total Adjustments	<del>\$ 570,066</del> \$ 147,208	
<b>Working Capital:</b>		
Total Anticipated Direct Cost of Gas	<del>\$ 23,874,576</del> \$ 32,005,179	
Working Capital Percentage	<del>0.0892%</del> 0.0892%	
Working Capital Allowance	<del>\$ 21,301</del> \$ 28,555	
Plus: Working Capital Reconciliation (Acct 173)	<del>\$ (35,910)</del> \$ (5,834)	
Total Working Capital Allowance	<del>\$ (14,609)</del> \$ 22,721	
<b>Bad Debt:</b>		
Bad Debt Allowance	<del>\$ 156,687</del> \$ 137,320	
Plus: Bad Debt Reconciliation (Acct 173)	<del>\$ (4,239)</del> \$ (61,950)	
Total Bad Debt Allowance	<del>\$ 152,448</del> \$ 75,370	
<b>Local Production and Storage Capacity</b>	<del>\$ 476,106</del> \$ 476,106	
<b>Miscellaneous Overhead - <del>84.23</del> 79.87% Allocated to Winter Season</b>	<del>\$ 471,532</del> \$ 463,606	
<b>Total Anticipated Indirect Cost of Gas</b>	<del>\$ 1,655,544</del> \$ 1,185,012	
<b>Total Cost of Gas</b>	<del>\$ 25,530,121</del> \$ 33,190,191	

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Issued By: Robert B. Hevert  
 Senior Vice President

**Anticipated Cost of Gas**  
**New Hampshire Division**  
 Period Covered: May 1, 2021~~22~~ - October 31, 2021~~22~~

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
<b>ANTICIPATED DIRECT COST OF GAS</b>				
<b>Purchased Gas:</b>				
Demand Costs:	<del>\$842,503</del>	<u>\$956,729</u>		
Supply Costs:	<del>\$2,140,506</del>	<u>\$3,110,213</u>		
<b>Storage &amp; Peaking Gas:</b>				
Demand, Capacity:	<del>\$332,957</del>	<u>\$397,395</u>		
Commodity Costs:	<del>\$25,153</del>	<u>\$21,467</u>		
<b>Interruptible Included Above</b>	\$0	\$0		
<b>Inventory Finance Charge</b>	\$0	\$0		
<b>Capacity Release &amp; Asset Management</b>	\$0	\$0		
<b>Re-entry Rate &amp; Conversion Rate Revenues</b>	\$0	\$0		
<b>Total Anticipated Direct Cost of Gas</b>			<del>\$3,341,119</del>	<u>\$4,485,804</u>
<b>ANTICIPATED INDIRECT COST OF GAS</b>				
<b>Adjustments:</b>				
Prior Period Under/(Over) Collection	<del>\$141,851</del>	<u>\$47,710</u>		
Interest	<del>(\$43,640)</del>	<u>(\$41,380)</u>		
Refunds	\$0	\$0		
Interruptible Margins	\$0	\$0		
<b>Total Adjustments</b>			<del>\$98,211</del>	<u>\$6,330</u>
<b>Working Capital:</b>				
Total Anticipated Direct Cost of Gas	<del>\$3,341,119</del>	<u>\$4,485,805</u>		
Working Capital Percentage	<del>0.0892%</del>	<u>0.089%</u>		
Working Capital Allowance	<del>\$2,981</del>	<u>\$4,002</u>		
Plus: Working Capital Reconciliation (Acct 173)	<del>(\$8,295)</del>	<u>(\$1,470)</u>		
<b>Total Working Capital Allowance</b>			<del>(\$5,314)</del>	<u>\$2,532</u>
<b>Bad Debt:</b>				
Bad Debt Allowance	<del>\$14,144</del>	<u>\$14,529</u>		
Plus: Bad Debt Reconciliation (Acct 173)	<del>(\$979)</del>	<u>(\$15,614)</u>		
<b>Total Bad Debt Allowance</b>			<del>\$13,166</del>	<u>(\$1,084)</u>
<b>Local Production and Storage Capacity</b>			\$0	<u>\$0</u>
<b>Miscellaneous Overhead-<del>18.77</del><u>20.13</u>% Allocated to the Summer Season</b>			<del>\$108,923</del>	<u>\$116,849</u>
<b>Total Anticipated Indirect Cost of Gas</b>			<del>\$214,984</del>	<u>\$124,627</u>
<b>Total Cost of Gas</b>			<del>\$3,556,103</del>	<u>\$4,610,432</u>

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Robert B. Hevert  
 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	\$23,874,576	\$32,005,179		
Projected Prorated Sales (11/01/2021- 04/30/2022)	<u>34,897,412</u>	<u>35,339,329</u>		
<b>Direct Cost of Gas Rate</b>			<b>\$0.6844</b>	<b>\$0.9057</b> per therm
<b>Demand Cost of Gas Rate</b>	<b>\$13,024,761</b>	<b>\$12,798,284</b>	<b>\$0.3734</b>	<b>\$0.3622</b> per therm
<b>Commodity Cost of Gas Rate</b>	<b>\$10,851,549</b>	<b>\$19,206,895</b>	<b>\$0.3110</b>	<b>\$0.5435</b> per therm
<b>Total Direct Cost of Gas Rate</b>	<b>\$23,874,576</b>	<b>\$32,005,179</b>	<b>\$0.6844</b>	<b>\$0.9057</b> per therm
Total Anticipated Indirect Cost of Gas	\$1,655,544	\$1,185,012		
Projected Prorated Sales (11/01/2021- 04/30/2022)	<u>34,897,412</u>	<u>35,339,329</u>		
<b>Indirect Cost of Gas</b>			<b>\$0.0474</b>	<b>\$0.0335</b> per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>			<b>\$0.7315</b>	<b>\$0.9392</b> per therm

<b>RESIDENTIAL COST OF GAS RATE -11/01/2021</b>	<b>COGwr</b>	<b>\$0.7315</b>	<b>\$0.9392</b>	<b>per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.9144</b>	<b>\$1.1740</b>	

<b>COM/IND LOW WINTER USE COST OF GAS RATE -11/01/2021</b>	<b>COGwl</b>	<b>\$0.6465</b>	<b>\$0.8453</b>	<b>per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.8081</b>	<b>\$1.0566</b>	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$604,051	\$668,845
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	<u>\$31,569</u>	<u>\$15,887</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$632,620	\$684,732
C&I HLF PROJECTED PRORATED SALES (11/01/2021 - 04/30/2022)	<u>2,277,711</u>	<u>2,692,919</u>
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.2777</b>	<b>\$0.2543</b>

C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$733,070	\$1,503,327
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>(\$940)</u>	<u>(\$2,088)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$732,130	\$1,501,239
C&I HLF PROJECTED PRORATED SALES (11/01/2021 - 04/30/2022)	<u>2,277,711</u>	<u>2,692,919</u>
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.3214</b>	<b>\$0.5575</b>

<b>INDIRECT COST OF GAS</b>	<b>\$0.0474</b>	<b>\$0.0335</b>
<b>TOTAL C&amp;I HLF COST OF GAS RATE</b>	<b>\$0.6465</b>	<b>\$0.8453</b>

<b>COM/IND HIGH WINTER USE COST OF GAS RATE -11/01/2021</b>	<b>COGwh</b>	<b>\$0.7437</b>	<b>\$0.9551</b>	<b>per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.9286</b>	<b>\$1.1939</b>	

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,855,245	\$5,898,495
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$307,534</u>	<u>\$140,104</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$6,162,780	\$6,038,599
C&I LLF PROJECTED PRORATED SALES (11/01/2021 - 04/30/2022)	<u>15,933,486</u>	<u>15,871,915</u>
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.3868</b>	<b>\$0.3805</b>

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$4,937,736	\$8,600,676
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>(\$6,330)</u>	<u>(\$11,944)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$4,931,406	\$8,588,732
C&I LLF PROJECTED PRORATED SALES (11/01/2021 - 04/30/2022)	<u>15,933,486</u>	<u>15,871,915</u>
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.3095</b>	<b>\$0.5411</b>

<b>INDIRECT COST OF GAS</b>	<b>\$0.0474</b>	<b>\$0.0335</b>
<b>TOTAL C&amp;I LLF COST OF GAS RATE</b>	<b>\$0.7437</b>	<b>\$0.9551</b>

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Senior Vice President

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

Period Covered: May 1, 2021~~2~~ - October 31, 2021~~2~~

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
Total Anticipated Direct Cost of Gas	\$3,341,119	\$4,485,805		
Projected Prorated Sales (05/01/2021 <del>2</del> - 10/31/2021 <del>2</del> )	<u>8,061,210</u>	<u>8,907,030</u>		
<b>Direct Cost of Gas Rate</b>			\$0.4445	\$0.5036 per therm
<b>Demand Cost of Gas Rate</b>	\$4,175,460	\$1,354,125	\$0.4458	\$0.1520 per therm
<b>Commodity Cost of Gas Rate</b>	\$2,165,659	\$3,131,680	\$0.2687	\$0.3516 per therm
<b>Total Direct Cost of Gas Rate</b>	\$3,341,119	\$4,485,805	\$0.4445	\$0.5036 per therm
Total Anticipated Indirect Cost of Gas	\$214,984	\$124,627		
Projected Prorated Sales (05/01/2021 <del>2</del> - 10/31/2021 <del>2</del> )	<u>8,061,210</u>	<u>8,907,030</u>		
<b>Indirect Cost of Gas</b>			\$0.0267	\$0.0140 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>			\$0.4412	\$0.5176 per therm
Period ending over-collection to be recovered – per April Report	\$450,144			
Projected sales (05/01/21 – 10/31/21)	<u>8,061,210</u>			
Per-unit change in Cost of Gas (05/01/21 – 10/31/21)	\$0.0558			
Period ending over-collection to be recovered – per September Report	\$94,081			
Projected sales (10/01/21 – 10/31/21)	<u>2,198,166</u>			
Per-unit change in Cost of Gas (10/01/21 – 10/31/21)	\$0.0428			
<b>RESIDENTIAL COST OF GAS RATE -10/01/21 05/01/22</b>	<b>COGwr</b>		<b>\$0.5398</b>	<b>\$0.5176 per therm</b>
	<b>Maximum (COG+25%)</b>		<b>\$0.6213</b>	<b>\$0.6470</b>
INITIAL RESIDENTIAL COST OF GAS RATE – 05/01/21			\$0.4412	
CHANGE IN PER UNIT COST			\$0.0558	
REVISED RESIDENTIAL COST OF GAS RATE – 05/01/21			\$0.4970	
CHANGE IN PER UNIT COST			\$0.0428	
REVISED RESIDENTIAL COST OF GAS RATE – 10/01/21			\$0.5398	
<b>COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/21 05/01/22</b>	<b>COGwl</b>		<b>\$0.4929</b>	<b>\$0.4740 per therm</b>
	<b>Maximum (COG+25%)</b>		<b>\$0.5626</b>	<b>\$0.5925</b>
INITIAL COM/IND LOW WINTER USE COST OF GAS RATE – 5/01/20			\$0.3943	
CHANGE IN PER UNIT COST			\$0.0558	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE – 05/01/21			\$0.4501	
CHANGE IN PER UNIT COST			\$0.0428	
REVISED COM/IND LOW WINTER USE COST OF GAS RATE – 10/01/21			\$0.4929	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$205,468			
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	<u>\$11,258</u>			
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$216,726			
C&I HLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	<u>1,996,958</u>			
DEMAND COST OF GAS RATE	\$0.1085			
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$701,906			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$64</u>			
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$701,970			
C&I HLF PROJECTED PRORATED SALES (10/01/22 - 10/31/22)	<u>1,996,958</u>			
COMMODITY COST OF GAS RATE	\$0.3515			
INDIRECT COST OF GAS	\$0.0140			
TOTAL C&I HLF COST OF GAS RATE	\$0.4740			
<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/21 05/01/22</b>	<b>COGwh</b>		<b>\$0.5719</b>	<b>\$0.5445 per therm</b>
	<b>Maximum (COG+25%)</b>		<b>\$0.5916</b>	<b>\$0.6806</b>
INITIAL COM/IND HIGH WINTER USE COST OF GAS RATE – 05/01/21			\$0.4733	
CHANGE IN PER UNIT COST			\$0.0558	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE – 05/01/21			\$0.5291	
CHANGE IN PER UNIT COST			\$0.0428	
REVISED COM/IND HIGH WINTER USE COST OF GAS RATE – 10/01/21			\$0.5719	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$549,002			
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$30,080</u>			
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$579,082			
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	<u>3,236,934</u>			
DEMAND COST OF GAS RATE	\$0.1789			
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,138,131			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$104</u>			
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$1,138,235			
C&I LLF PROJECTED PRORATED SALES (05/01/22 - 10/31/22)	<u>3,236,934</u>			
COMMODITY COST OF GAS RATE	\$0.3516			
INDIRECT COST OF GAS	\$0.0140			
TOTAL C&I LLF COST OF GAS RATE	\$0.5445			

**Local Delivery Adjustment Clause**

Rate Schedule	<del>GAPRA</del>	<del>GAPRA</del>	<del>EEC</del>	<del>EEC</del>	<del>LRR</del>	<del>LRR</del>	<del>ERC</del>	<del>ERC</del>	<del>ITMC</del>	<del>RCE</del>	<del>RPC</del>	<del>LDAC</del>	<del>LDAC</del>
Residential Heating	\$0.0044	\$0.0060	\$0.0774	\$0.0449	\$0.0220	\$0.0066	\$0.0064	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.1099	\$0.0631
Residential Non-Heating	\$0.0044	\$0.0060	\$0.0774	\$0.0449	\$0.0220	\$0.0066	\$0.0064	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.1099	\$0.0631
Small C&I	\$0.0044	\$0.0060	\$0.0337	\$0.0238	\$0.0030	\$0.0006	\$0.0064	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0472	\$0.0360
Medium C&I	\$0.0044	\$0.0060	\$0.0337	\$0.0238	\$0.0030	\$0.0006	\$0.0064	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0472	\$0.0360
Large C&I	\$0.0044	\$0.0060	\$0.0337	\$0.0238	\$0.0030	\$0.0006	\$0.0064	\$0.0056	\$0.0000	\$0.0000	\$0.0000	\$0.0472	\$0.0360
No Previous Sales Service													

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Title: Senior Vice President

## VII. DELIVERY SERVICE TERMS AND CONDITIONS

### APPENDIX A

#### Schedule of Administrative Fees and Charges

**I. Supplier Balancing Charge:**      **\$0.71 per MMBtu** of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company’s latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

**II. Peaking Service Demand Charge:**      **\$ ~~64.5371.85~~ per MMBtu** per MDPQ per month for November ~~2020-2021~~ through April ~~2021-2022~~. Provided on Page 6 of ~~Schedule 21-FXW~~ Attachment ~~NUI-FXW-6~~.

- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

**III. Company Allowance Calculation:**      **1.~~3025~~%** - Provided in ~~Schedule 18-FXW~~ Attachment ~~NUI-FXW-3~~

**IV. Supplier Services and Associated Fees:**

<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) <b>Non-Daily Metered Pools only</b>	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

**V. Meter Read Charge:**      \$78 when customer phone line is not reporting daily data.

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**VII. DELIVERY SERVICE TERMS AND CONDITIONS**

**APPENDIX C**

**Capacity Allocators**

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, ~~2020-2021~~ through October 31, ~~2021-2022~~.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	<del>23.23</del> <u>22.82</u> %	<del>57.23</del> <u>60.95</u> %
Storage:	<del>31.91</del> <u>32.31</u> %	<del>17.78</del> <u>16.23</u> %
Peaking:	<del>44.86</del> <u>45.41</u> %	<del>24.99</del> <u>22.82</u> %

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2021.

Issued by: Robert B. Hevert  
Senior Vice President

**VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)**

**Appendix D**

**Re-entry Surcharge and Conversion Surcharge  
(continued)**

**D. Information to be Filed with the Commission:**

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company’s Cost of Gas Clause, the Company will apply such revenues as credits to the Company’s New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, ~~2020-2021~~ through April 30, ~~2021-2022~~ and May 1, ~~2021-2022~~ through October ~~2021-2022~~.

<b>Effective Dates:</b>	<b>November 1, 202<del>0</del><u>1</u></b> – <b>April 30, 202<del>1</del><u>2</u></b>	<b>May 1, 202<del>1</del><u>2</u></b> – <b>October 30, 202<del>1</del><u>2</u></b>
<b>Re-entry Surcharge:</b>	\$ <del>0.0012-0000</del> per therm	\$ <del>0.0011-0000</del> per therm
<b>Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):</b>	\$ <del>0.0012-7543</del> per therm	\$ <del>0.0011-0000</del> per therm
<b>Conversion Surcharge, High Load Factor (G-50, G-51, G-52):</b>	\$ <del>0.0984-8641</del> per therm	\$ <del>0.0011-0000</del> per therm

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