

Tariff Sheets

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Calculation of proposed Cost of Gas Adjustment

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Rate Summary

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Rate Summary

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2016 - October 31, 2016

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$3,024,024	
Projected Prorated Sales (05/01/16- 10/31/16)	9,940,234	
Direct Cost of Gas Rate		\$0.3042 per therm
Demand Cost of Gas Rate	\$933,408	\$0.0939 per therm
Commodity Cost of Gas Rate	<u>\$2,090,615</u>	<u>\$0.2103</u> per therm
Total Direct Cost of Gas Rate	\$3,024,023	\$0.3042 per therm
Total Anticipated Indirect Cost of Gas	\$153,163	
Projected Prorated Sales (05/01/16- 10/31/16)	9,940,234	
Indirect Cost of Gas		\$0.0154 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.3196 per therm
Period ending under-collection as determined on 05/20/16	\$184,787	
Projected sales (06/01/16 - 10/31/16)	7,902,146	
Per unit change in Cost of Gas (06/01/16 - 10/31/16)	\$0.0234	
⁻¹ Under-collection w/o rate adjustment as contained in NUI's COG Report dated May 20, 2016		

RESIDENTIAL COST OF GAS RATE - 06/01/16	COGwr	\$0.3430	per therm
	Maximum (COG+25%)	\$0.4121	

RESIDENTIAL COST OF GAS RATE - 05/01/16	\$0.3196
CHANGE IN PER UNIT COST	\$0.0234
RESIDENTIAL COST OF GAS RATE - 06/01/16	\$0.3430

COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/16	COGwl	\$0.3066	per therm
	Maximum (COG+25%)	\$0.3265	

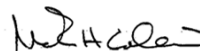
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/16	\$0.2832
CHANGE IN PER UNIT COST	\$0.0234
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/16	\$0.3066

COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/16	COGwh	\$0.3853	per therm
	Maximum (COG+25%)	\$0.4524	

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/16	\$0.3619
CHANGE IN PER UNIT COST	\$0.0234
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/16	\$0.3853

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Issued By:



Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
SUMMER SEASON RESIDENTIAL RATES

Summer Season May 2016 - October 2016		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	\$21.36	\$21.36	\$21.36
	First 50 therms	\$0.5449	\$0.5823	\$0.9253
	All usage over 50 therms	\$0.5449	\$0.5823	\$0.9253
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3430		
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$8.54	\$8.54	\$8.54
	First 50 therms	\$0.2179	\$0.2553	\$0.5983
	All usage over 50 therms	\$0.2179	\$0.2553	\$0.5983
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3430		
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Monthly Customer Charge	\$21.36	\$21.36	\$21.36
	First 10 therms	\$0.4214	\$0.4588	\$0.8018
	All usage over 10 therms	\$0.4214	\$0.4588	\$0.8018
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3430		
Residential Non-Heating Low Income	<u>Tariff Rate R 11:</u>			
	Monthly Customer Charge	\$15.52	\$15.52	\$15.52
	First 10 therms	\$0.3196	\$0.3570	\$0.7000
	All usage over 10 therms	\$0.3196	\$0.3570	\$0.7000
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3430		

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

Summer Season May 2016 - October 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u>			
	Monthly Customer Charge	\$67.45	\$67.45	\$67.45
	First 75 therms	\$0.1615	\$0.1838	\$0.5691
	All usage over 75 therms	\$0.1615	\$0.1838	\$0.5691
	LDAC	\$0.0223		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3853		
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u>			
	Monthly Customer Charge	\$67.45	\$67.45	\$67.45
	First 75 therms	\$0.1615	\$0.1838	\$0.4904
	All usage over 75 therms	\$0.1615	\$0.1838	\$0.4904
	LDAC	\$0.0223		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3066		
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u>			
	Monthly Customer Charge	\$196.73	\$196.73	\$196.73
	All usage	\$0.1622	\$0.1845	\$0.5698
	LDAC	\$0.0223		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.3853		
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u>			
	Monthly Customer Charge	\$196.73	\$196.73	\$196.73
	First 1,000 therms	\$0.1183	\$0.1406	\$0.4472
	All usage over 1,000 therms	\$0.0958	\$0.1181	\$0.4247
	LDAC	\$0.0223		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3066		
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u>			
	Monthly Customer Charge	\$1,124.19	\$1,124.19	\$1,124.19
	All usage	\$0.1066	\$0.1289	\$0.5142
	LDAC	\$0.0223		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.3853		
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u>			
	Monthly Customer Charge	\$1,124.19	\$1,124.19	\$1,124.19
	All usage	\$0.0707	\$0.0930	\$0.3996
	LDAC	\$0.0223		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.3066		

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Total Direct Cost of Gas Rate	\$3,024,023	\$0.3042 per therm
Total Anticipated Indirect Cost of Gas	\$153,163	
Projected Prorated Sales (05/01/16- 10/31/16)	9,940,234	
Indirect Cost of Gas		\$0.0154 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.3196 per therm

<u>Period ending over-collection as determined on 05/20/16¹</u>	<u>\$184,787</u>
<u>Projected sales (06/01/16 - 10/31/16)</u>	<u>7,902,146</u>
<u>Per unit change in Cost of Gas (06/01/16 - 10/31/16)</u>	<u>\$0.0234</u>

¹ Over-collection w/o rate adjustment as contained in NUI's COG Report dated June 18, 2016

RESIDENTIAL COST OF GAS RATE - 05/01/16 06/01/16	COGwr	\$0.3196 \$0.3430	per therm
	Maximum (COG+25%)	\$0.3995	
RESIDENTIAL WINTER USE COST OF GAS RATE - 05/01/16		\$0.3196	
CHANGE IN PER UNIT COST		\$0.0234	
RESIDENTIAL COST OF GAS RATE - 06/01/16		\$0.3430	

COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/16 06/01/16	COGwl	\$0.2832 \$0.3066	per therm
	Maximum (COG+25%)	\$0.3540	
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/16		\$0.2832	
CHANGE IN PER UNIT COST		\$0.0234	
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/16		\$0.3066	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$173,267
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	\$26,630
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$199,897
C&I HLF PROJECTED PRORATED SALES (05/1/16-10/31/16)	3,477,731
DEMAND COST OF GAS RATE	\$0.0575
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$731,431
PLUS: RESIDENTIAL COMMODITY COSTS	\$36
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$731,466
C&I HLF PROJECTED PRORATED SALES (05/1/16-10/31/16)	3,477,731
COMMODITY COST OF GAS RATE	\$0.2103
INDIRECT COST OF GAS	\$0.0154
TOTAL C&I HLF COST OF GAS RATE	\$0.2832

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/16 06/01/16	COGwh	\$0.3619 \$0.3853	per therm
	Maximum (COG+25%)	\$0.4524	
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/16		\$0.3619	
CHANGE IN PER UNIT COST		\$0.0234	
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/16		\$0.3853	

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$353,322
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$54,307
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$407,629
C&I LLF PROJECTED PRORATED SALES (05/1/16-10/31/16)	2,991,879
DEMAND COST OF GAS RATE	\$0.1362
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$629,248
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	\$30
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$629,278
C&I LLF PROJECTED PRORATED SALES (05/1/16-10/31/16)	2,991,879
COMMODITY COST OF GAS RATE	\$0.2103
INDIRECT COST OF GAS	\$0.0154
TOTAL C&I LLF COST OF GAS RATE	\$0.3619

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
SUMMER SEASON RESIDENTIAL RATES

Summer Season May 2016 - October 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas	
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	Monthly Customer Charge	\$21.36	\$21.36	\$21.36	
	First 50 therms	\$0.5449	\$0.5895	\$0.9091	\$0.9325
	All usage over 50 therms	\$0.5449	\$0.5895	\$0.9091	\$0.9325
	LDAC	\$0.0374			
<u>Gas Cost Adjustment:</u>					
Cost of Gas		\$0.3196	\$0.3430		
Residential Heating Low income	<u>Tariff Rate R 10:</u>				
	Monthly Customer Charge	\$8.54	\$8.54	\$8.54	
	First 50 therms	\$0.2179	\$0.2553	\$0.5749	\$0.5983
	All usage over 50 therms	\$0.2179	\$0.2553	\$0.5749	\$0.5983
	LDAC	\$0.0374			
<u>Gas Cost Adjustment:</u>					
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	Monthly Customer Charge	\$21.36	\$21.36	\$21.36	
	First 10 therms	\$0.4214	\$0.4588	\$0.7784	\$0.8018
	All usage over 10 therms	\$0.4214	\$0.4588	\$0.7784	\$0.8018
	LDAC	\$0.0374			
<u>Gas Cost Adjustment:</u>					
Cost of Gas		\$0.3196	\$0.3430		
Residential Non-Heating Low income	<u>Tariff Rate R 11:</u>				
	Monthly Customer Charge	\$15.52	\$15.52	\$15.52	
	First 10 therms	\$0.3196	\$0.3570	\$0.6766	\$0.7000
	All usage over 10 therms	\$0.3196	\$0.3570	\$0.6766	\$0.7000
	LDAC	\$0.0374			
<u>Gas Cost Adjustment:</u>					
Cost of Gas		\$0.3196	\$0.3430		

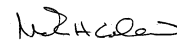
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Title:



Senior Vice President

SUMMER SEASON RESIDENTIAL RATES

Summer Season May 2016 - October 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$67.45 \$0.1615 \$0.1615 \$0.0223 \$0.3619 \$0.3853	\$67.45 \$0.1838 \$0.1838 	\$67.45 \$0.5457 \$0.5691 \$0.5457 \$0.5691
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$67.45 \$0.1615 \$0.1615 \$0.0223 \$0.2832 \$0.3066	\$67.45 \$0.1838 \$0.1838 	\$67.45 \$0.4670 \$0.4904 \$0.4670 \$0.4904
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$196.73 \$0.1622 \$0.0223 \$0.3619 \$0.3853	\$196.73 \$0.1845 	\$196.73 \$0.5464 \$0.5698
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u> Monthly Customer Charge First 1,000 therms All usage over 1,000 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$196.73 \$0.1183 \$0.0958 \$0.0223 \$0.2832 \$0.3066	\$196.73 \$0.1406 \$0.1181 	\$196.73 \$0.4238 \$0.4472 \$0.4013 \$0.4247
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,124.19 \$0.1066 \$0.0223 \$0.3619 \$0.3853	\$1,124.19 \$0.1289 	\$1,124.19 \$0.4908 \$0.5142
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,124.19 \$0.0707 \$0.0223 \$0.2832 \$0.3066	\$1,124.19 \$0.0930 	\$1,124.19 \$0.3762 \$0.3996

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