

Tariff Sheets

Thirteenth Revised Page No. 43
Calculation of proposed Cost of Gas Adjustment

Thirteenth Revised Page No. 96
Rate Summary

Thirteenth Revised Page No. 97
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		
Period ending under-collection adjustment as determined on 06/23/16	\$310,000	
Projected sales (07/01/16 - 10/31/16)	6,544,717	
Per unit change in Cost of Gas (07/01/16 - 10/31/16)	\$0.0474	
⁻² Over-collection w/o rate adjustment as contained in NUI's COG Report dated June 23, 2016		

RESIDENTIAL COST OF GAS RATE - 07/01/16	COGwr	\$0.3904 per therm
	Maximum (COG+25%)	\$0.3995

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
CHANGE IN PER UNIT COST	\$0.0474
RESIDENTIAL COST OF GAS RATE - 07/01/16	\$0.3904

COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/16	COGwl	\$0.3540 per therm
	Maximum (COG+25%)	\$0.3540

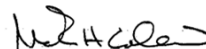
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/16	\$0.2832
CHANGE IN PER UNIT COST	\$0.0234
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/16	\$0.3066
CHANGE IN PER UNIT COST	\$0.0474
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/16	\$0.3540

COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/16	COGwh	\$0.4327 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
CHANGE IN PER UNIT COST	\$0.0474
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/16	\$0.4327

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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	\$0.9727
	All usage over 50 therms	\$0.5449	\$0.5823	\$0.9727
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3904		
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	\$0.6457
	All usage over 50 therms	\$0.2179	\$0.2553	\$0.6457
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3904		
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	\$0.8492
	All usage over 10 therms	\$0.4214	\$0.4588	\$0.8492
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3904		
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	\$0.7474
	All usage over 10 therms	\$0.3196	\$0.3570	\$0.7474
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3904		

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

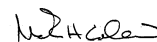
Summer Season May 2016 - October 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u>			
	Monthly Customer Charge	\$67.45	\$67.45	\$67.45
	First 75 therms	\$0.1615	\$0.1838	\$0.6165
	All usage over 75 therms	\$0.1615	\$0.1838	\$0.6165
	LDAC	\$0.0223		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.4327		
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	\$0.5378
	All usage over 75 therms	\$0.1615	\$0.1838	\$0.5378
	LDAC	\$0.0223		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3540		
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	\$0.6172
	LDAC	\$0.0223		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.4327		
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	\$0.4946
	All usage over 1,000 therms	\$0.0958	\$0.1181	\$0.4721
	LDAC	\$0.0223		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3540		
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	\$0.5616
	LDAC	\$0.0223		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.4327		
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	\$0.4470
	LDAC	\$0.0223		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.3540		

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CALCULATION OF FIRM SALES COST OF GAS RATE

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

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Period ending over-collection as determined on 05/20/16 ¹	\$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 Over-collection w/o rate adjustment as contained in NUI's COG Report dated May 18, 2016

Period ending under-collection adjustment as determined on 06/23/16 ²	\$310,000
Projected sales (07/01/16 - 10/31/16)	<u>6,544,717</u>
Per unit change in Cost of Gas (07/01/16 - 10/31/16)	<u>\$0.0474</u>

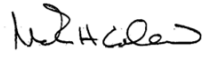
² Over-collection w/o rate adjustment as contained in NUI's COG Report dated June 23, 2016

RESIDENTIAL COST OF GAS RATE - 06/01/16 07/01/16	COGwr	\$0.3430 \$0.3904	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	
CHANGE IN PER UNIT COST		<u>\$0.0474</u>	
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	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	
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CHANGE IN PER UNIT COST		<u>\$0.0474</u>	
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/16		<u>\$0.3540</u>	

COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/16 07/01/16	COGwh	\$0.3853 \$0.4327	per therm
	Maximum (COG+25%)	\$0.4524	
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/16		<u>\$0.3619</u>	
CHANGE IN PER UNIT COST		<u>\$0.0234</u>	
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/16		<u>\$0.3853</u>	
CHANGE IN PER UNIT COST		<u>\$0.0474</u>	
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/16		<u>\$0.4327</u>	

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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	
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	\$0.9727
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	LDAC	\$0.0374			
	<u>Gas Cost Adjustment:</u>				
	Cost of Gas	\$0.3430 \$0.3904			
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	\$0.6457
	All usage over 50 therms	\$0.2179	\$0.2553	\$0.5983	\$0.6457
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	LDAC	\$0.0374			
	<u>Gas Cost Adjustment:</u>				
	Cost of Gas	\$0.3430 \$0.3904			
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	\$0.7474
	All usage over 10 therms	\$0.3196	\$0.3570	\$0.7000	\$0.7474
	LDAC	\$0.0374			
	<u>Gas Cost Adjustment:</u>				
	Cost of Gas	\$0.3430 \$0.3904			

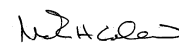
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SUMMER SEASON RESIDENTIAL RATES

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 \$0.3853 \$0.4327	\$67.45 \$0.1838 \$0.1838	\$67.45 \$0.5694 \$0.6165 \$0.5694 \$0.6165
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 \$0.3066 \$0.3540	\$67.45 \$0.1838 \$0.1838	\$67.45 \$0.4904 \$0.5378 \$0.4904 \$0.5378
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 \$0.3853 \$0.4327	\$196.73 \$0.1845	\$196.73 \$0.5698 \$0.6172
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 \$0.3066 \$0.3540	\$196.73 \$0.1406 \$0.1181	\$196.73 \$0.4472 \$0.4946 \$0.4247 \$0.4721
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 \$0.3853 \$0.4327	\$1,124.19 \$0.1289	\$1,124.19 \$0.5142 \$0.5616
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 \$0.3066 \$0.3540	\$1,124.19 \$0.0930	\$1,124.19 \$0.3996 \$0.4470

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