

Tariff Sheets

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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		
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

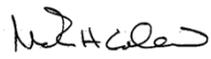
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/16	COGwl	\$0.3540 per therm
	Maximum (COG+25%)	\$0.3540

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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 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

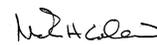
Summer Season May 2016 - October 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$67.45 \$0.1615 \$0.1615 \$0.0223 \$0.4327	\$67.45 \$0.1838 \$0.1838	\$67.45 \$0.6165 \$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 \$0.3540	\$67.45 \$0.1838 \$0.1838	\$67.45 \$0.5378 \$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 \$0.4327	\$196.73 \$0.1845	\$196.73 \$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 \$0.3540	\$196.73 \$0.1406 \$0.1181	\$196.73 \$0.4946 \$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 \$0.4327	\$1,124.19 \$0.1289	\$1,124.19 \$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 \$0.3540	\$1,124.19 \$0.0930	\$1,124.19 \$0.4470

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CALCULATION OF FIRM SALES COST OF GAS RATE

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TOTAL PERIOD AVERAGE COST OF GAS		\$0.3196 per therm

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 06/23/16²	\$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>

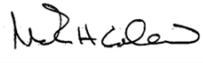
² Over-collection w/o rate adjustment as contained in NUI's COG Report dated June 23, 2016

RESIDENTIAL COST OF GAS RATE - 06/01/16 <u>07/01/16</u>	COGwr	\$0.3430 <u>\$0.3904</u>	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>	
<u>RESIDENTIAL COST OF GAS RATE - 07/01/16</u>		<u>\$0.3904</u>	

COM/IND LOW WINTER USE COST OF GAS RATE - 6/01/16 <u>07/01/16</u>	COGwl	\$0.3066 <u>\$0.3540</u>	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		<u>\$0.0474</u>	
<u>COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/16</u>		<u>\$0.3540</u>	

COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/16 <u>07/01/16</u>	COGwh	\$0.3853 <u>\$0.4327</u>	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>	
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<u>COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/16</u>		<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)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$21.36 \$0.5449 \$0.5449 \$0.0374 \$0.3430 \$0.3904	\$21.36 \$0.5823 \$0.5823	\$21.36 \$0.9253 \$0.9727 \$0.9253 \$0.9727
Residential Heating Low income	<u>Tariff Rate R 10:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$8.54 \$0.2179 \$0.2179 \$0.0374 \$0.3430 \$0.3904	\$8.54 \$0.2553 \$0.2553	\$8.54 \$0.5983 \$0.6457 \$0.5983 \$0.6457
Residential Non-Heating	<u>Tariff Rate R 6:</u> Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$21.36 \$0.4214 \$0.4214 \$0.0374 \$0.3430 \$0.3904	\$21.36 \$0.4588 \$0.4588	\$21.36 \$0.8048 \$0.8492 \$0.8048 \$0.8492
Residential Non-Heating Low income	<u>Tariff Rate R 11:</u> Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$15.52 \$0.3196 \$0.3196 \$0.0374 \$0.3430 \$0.3904	\$15.52 \$0.3570 \$0.3570	\$15.52 \$0.7000 \$0.7474 \$0.7000 \$0.7474

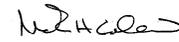
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SUMMER SEASON RESIDENTIAL RATES

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C&I Low Annual/High Winter Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: 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 Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: 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 Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: 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 Tariff Rate G 51: Monthly Customer Charge First 1,000 therms All usage over 1,000 therms LDAC Gas Cost Adjustment: 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 Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: 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
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