

**ENERGY NORTH NATURAL GAS, INC,  
d/b/a NATIONAL GRID NH  
Off Peak 2012 Summer Cost of Gas Filing**

**Filed Tariff Sheets**

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II RATE SCHEDULES  
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 87	LDAC Page 94	Total Rate	Delivery Charge	Cost of Gas Rate Page 87	LDAC Page 94	Total Rate
<b><u>Residential Non Heating - R-1</u></b>								
Customer Charge per Month per Meter	\$ 11.98			\$ 11.98	\$ 11.98			\$ 11.98
All therms	\$ 0.1583	\$ 0.7460	\$ 0.0693	\$ 0.9736	\$ 0.1583	\$ 0.5118	\$ 0.0693	\$ 0.7394
<b><u>Residential Heating - R-3</u></b>								
Customer Charge per Month per Meter	\$ 17.33			\$ 17.33	\$ 17.33			\$ 17.33
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.2741	\$ 0.7460	\$ 0.0693	\$ 1.0894	\$ 0.2741	\$ 0.5118	\$ 0.0693	\$ 0.8552
All therms over the first block per month at	\$ 0.2265	\$ 0.7460	\$ 0.0693	\$ 1.0418	\$ 0.2265	\$ 0.5118	\$ 0.0693	\$ 0.8076
<b><u>Residential Heating - R-4</u></b>								
Customer Charge per Month per Meter	\$ 6.93			\$ 6.93	\$ 6.93			\$ 6.93
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.1096	\$ 0.7460	\$ 0.0693	\$ 0.9249	\$ 0.1096	\$ 0.5118	\$ 0.0693	\$ 0.6907
All therms over the first block per month at	\$ 0.0906	\$ 0.7460	\$ 0.0693	\$ 0.9059	\$ 0.0906	\$ 0.5118	\$ 0.0693	\$ 0.6717
<b><u>Commercial/Industrial - G-41</u></b>								
Customer Charge per Month per Meter	\$ 40.77			\$ 40.77	\$ 40.77			\$ 40.77
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3254	\$ 0.7463	\$ 0.0493	\$ 1.1210	\$ 0.3254	\$ 0.5126	\$ 0.0493	\$ 0.8873
All therms over the first block per month at	\$ 0.2116	\$ 0.7463	\$ 0.0493	\$ 1.0072	\$ 0.2116	\$ 0.5126	\$ 0.0493	\$ 0.7735
<b><u>Commercial/Industrial - G-42</u></b>								
Customer Charge per Month per Meter	\$ 122.32			\$ 122.32	\$ 122.32			\$ 122.32
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.3041	\$ 0.7463	\$ 0.0493	\$ 1.0997	\$ 0.3041	\$ 0.5126	\$ 0.0493	\$ 0.8660
All therms over the first block per month at	\$ 0.2009	\$ 0.7463	\$ 0.0493	\$ 0.9965	\$ 0.2009	\$ 0.5126	\$ 0.0493	\$ 0.7628
<b><u>Commercial/Industrial - G-43</u></b>								
Customer Charge per Month per Meter	\$ 524.96			\$ 524.96	\$ 524.96			\$ 524.96
All therms over the first block per month at	\$ 0.1867	\$ 0.7463	\$ 0.0493	\$ 0.9823	\$ 0.0854	\$ 0.5126	\$ 0.0493	\$ 0.6473
<b><u>Commercial/Industrial - G-51</u></b>								
Customer Charge per Month per Meter	\$ 40.77			\$ 40.77	\$ 40.77			\$ 40.77
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.1741	\$ 0.7445	\$ 0.0493	\$ 0.9679	\$ 0.1741	\$ 0.5103	\$ 0.0493	\$ 0.7337
All therms over the first block per month at	\$ 0.1124	\$ 0.7445	\$ 0.0493	\$ 0.9062	\$ 0.1124	\$ 0.5103	\$ 0.0493	\$ 0.6720
<b><u>Commercial/Industrial - G-52</u></b>								
Customer Charge per Month per Meter	\$ 122.32			\$ 122.32	\$ 122.32			\$ 122.32
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.1684	\$ 0.7445	\$ 0.0493	\$ 0.9622	\$ 0.1237	\$ 0.5103	\$ 0.0493	\$ 0.6833
All therms over the first block per month at	\$ 0.1143	\$ 0.7445	\$ 0.0493	\$ 0.9081	\$ 0.0713	\$ 0.5103	\$ 0.0493	\$ 0.6309
<b><u>Commercial/Industrial - G-53</u></b>								
Customer Charge per Month per Meter	\$ 540.25			\$ 540.25	\$ 540.25			\$ 540.25
All therms over the first block per month at	\$ 0.1202	\$ 0.7445	\$ 0.0493	\$ 0.9140	\$ 0.0575	\$ 0.5103	\$ 0.0493	\$ 0.6171
<b><u>Commercial/Industrial - G-54</u></b>								
Customer Charge per Month per Meter	\$ 540.25			\$ 540.25	\$ 540.25			\$ 540.25
All therms over the first block per month at	\$ 0.0415	\$ 0.7445	\$ 0.0493	\$ 0.8353	\$ 0.0224	\$ 0.5103	\$ 0.0493	\$ 0.5820

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Timothy F. Horan  
Title: President *K/B*

Anticipated Cost of Gas

PERIOD COVERED: SUMMER PERIOD, MAY 1, 2012 THROUGH OCTOBER 31, 2012  
(REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)	(Col 2)	(Col 3)
<b>ANTICIPATED DIRECT COST OF GAS</b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$ 4,129,301	
Supply Costs:	7,229,926	
<b>Storage Gas:</b>		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
<b>Produced Gas:</b>	\$ 42,000	
<b>Hedged Contract (Savings)/Loss</b>	<u>\$ 435,532</u>	
<b>Unadjusted Anticipated Cost of Gas</b>		\$ 11,836,759
<b>Adjustments:</b>		
Prior Period (Over)/Under Recovery (as of October 31, 2011)	\$ (412,104)	
Interest	(5,809)	
Prior Period Adjustments	-	
Broker Revenues	-	
Refunds from Suppliers	(742,917)	
Fuel Financing	-	
Transportation CGA Revenues	-	
Interruptible Sales Margin	-	
Capacity Release Margin	-	
Hedging Costs	-	
Fixed Price Option Administrative Costs	-	
<b>Total Adjustments</b>	<u></u>	<u>(1,160,830)</u>
<b>Total Anticipated Direct Cost of Gas</b>		\$ 10,675,929
<b>Anticipated Indirect Cost of Gas</b>		
<b>Working Capital:</b>		
Total Unadjusted Anticipated Cost of Gas 05/01/12 - 10/31/12)	\$ 11,836,759	
Working Capital Rate - Lead Lag Days / 365	0.0391	
Prime Rate	3.25%	
Working Capital Percentage	0.127%	
Working Capital	\$ 15,043	
Plus: Working Capital Reconciliation (Acct 142.40)	<u>(1,055)</u>	
Total Working Capital Allowance		\$ 13,988
<b>Bad Debt:</b>		
Total Unadjusted Anticipated Cost of Gas 05/01/12 - 10/31/12)	\$ 11,836,759	
Less: Refunds	(742,917)	
Plus: Total Working Capital	13,988	
Plus: Prior Period (Over)/Under Recovery	<u>(412,104)</u>	
Subtotal	\$ 11,438,643	
Bad Debt Percentage	2.37%	
Bad Debt Allowance	\$ 271,096	
Plus: Bad Debt Reconciliation (Acct 175.54)	<u>-</u>	
Total Bad Debt Allowance		271,096
<b>Production and Storage Capacity</b>		
Miscellaneous Overhead (05/01/12 - 10/31/12)	\$ 13,170	
Times Summer Sales	22,654	
Divided by Total Sales	<u>105,301</u>	
<b>Miscellaneous Overhead</b>		<u>2,833</u>
<b>Total Anticipated Indirect Cost of Gas</b>		\$ 287,917
<b>Total Cost of Gas</b>		<u>\$ 10,963,846</u>

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Title: President K/H

CALCULATION OF FIRM SALES COST OF GAS RATE  
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2012 THROUGH OCTOBER 31, 2012  
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 10,675,929	
Projected Prorated Sales (05/01/12 - 10/31/12)	21,419,124	
<b>Direct Cost of Gas Rate</b>		\$ 0.4984 per therm
<b>Demand Cost of Gas Rate</b>	\$ 4,129,301	\$ 0.1928 per therm
<b>Commodity Cost of Gas Rate</b>	7,707,458	\$ 0.3598 per therm
<b>Adjustment Cost of Gas Rate</b>	(1,160,830)	\$ (0.0542) per therm
<b>Total Direct Cost of Gas Rate</b>	\$ 10,675,929	\$ 0.4984 per therm
Total Anticipated Indirect Cost of Gas	\$ 287,917	
Projected Prorated Sales (05/01/12 - 10/31/12)	21,419,124	
<b>Indirect Cost of Gas</b>		\$ 0.0134 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/12</b>		<b>\$ 0.5118 per therm</b>
<b>RESIDENTIAL COST OF GAS RATE - 05/01/12</b>		<b>COGsr \$ 0.5118 /therm</b>

Maximum (COG + 25%) \$ 0.6398

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/12</b>	<b>COGsl</b>	<b>\$ 0.5103 /therm</b>
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Average Demand Cost of Gas Rate Effective 05/01/12	\$ 0.1928		
'Times: Low Winter Use Ratio (Summer)	0.9895	Maximum (COG + 25%)	\$ 0.6379
Times: Correction Factor	1.0026		
Adjusted Demand Cost of Gas Rate	\$ 0.1913		
Commodity Cost of Gas Rate	\$ 0.3598		
Adjustment Cost of Gas Rate	\$ (0.0542)		
Indirect Cost of Gas Rate	\$ 0.0134		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.5103		

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/12</b>	<b>COGsh</b>	<b>\$ 0.5126 /therm</b>
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Average Demand Cost of Gas Rate Effective 05/01/12	\$ 0.1928		
'Times: High Winter Use Ratio (Summer)	1.0014	Maximum (COG + 25%)	\$ 0.6408
Times: Correction Factor	1.0026		
Adjusted Demand Cost of Gas Rate	\$ 0.1936		
Commodity Cost of Gas Rate	\$ 0.3598		
Adjustment Cost of Gas Rate	\$ (0.0542)		
Indirect Cost of Gas Rate	\$ 0.0134		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.5126		

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