

**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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Firm Rate Schedules

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Calculation of Firm Sales Cost of Gas Rate

**ENERGYNORTH NATURAL GAS, INC.**

Calculation of the Projected Over or Under Collection of the  
2012 Summer Cost of Gas Filing  
DG 12-067

July 1, 2012

Under/(Over) Collection as of 06/1/12		\$ (110,708)
Forecasted firm Residential therm sales 07/1/12 - 10/31/12	9,811,830	
Residential Cost of Gas Rate per therm	\$ (0.4741)	
Forecasted firm C&I High Winter Use therm sales 07/1/12 - 10/31/12	4,792,222	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4749)	
Forecasted firm C&I Low Winter therm sales 07/1/12 - 10/31/12	2,558,431	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4726)	
Forecasted firm Residential therm sales 06/12	1,137,104	
Residential Cost of Gas Rate per therm	\$ (0.5118)	
Forecasted firm C&I High Winter Use therm sales 06/12	563,045	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5126)	
Forecasted firm C&I Low Winter Use therm sales 06/12	259,958	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5103)	
Forecast recovered costs at current rate 06/1/12 - 10/31/12		(9,139,973)
Unbilled COG Revenues 06/1/12 - 10/31/12		874,448
Revised projected gas costs 06/1/12 - 10/31/12		\$ 8,312,408
Estimated interest charged (credited) to customers 06/1/12-10/31/12		639
Projected under / (over) collection as of 10/31/12 (A)		\$ (63,185)

Actual Gas Costs through 06/1/12	\$ 1,946,103
Revised projected gas costs 06/1/12 - 10/31/12	<u>8,313,047</u>
Estimated total adjusted gas costs 06/1/12 - 10/31/12 (B)	\$ <u>10,259,150</u>

Under/ (over) collection as percent of total gas costs (A/B)	-0.62%
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Projected under / (over) collections as of 10/31/12(A)	\$ (63,185)
Forecasted firm therm sales 07/1/12 - 10/31/12 (C)	13,843,229
Change in rate used to reduce forecast under/(over) collection (A/C)	\$ (0.0046)
Current Cost of Gas Rate	\$ 0.4741
Revised Cost of Gas Rate	\$ 0.4695

Revised as follows:

The revised projected gas costs include the July - October 2012 NYMEX strip price as of June 22, 2012.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,356 dated April 30, 2012 in Docket DG 12-067 (April Order): The Company may adjust the approved cost of gas rate of \$0.5118 per therm upwards by no more than 25% or \$0.1280 per therm. The adjusted cost of gas rate shall not be more than \$0.6398 per therm pursuant to April Order.

**ENERGYNORTH NATURAL GAS, INC.**  
Projected Over or Under Collection

Without Rate Adjustment	Apr-12	May-12 (Actual)	Jun-12 (Estimate)	Jul-12 (Estimate)	Aug-12 (Estimate)	Sep-12 (Estimate)	Oct-12 (Estimate)	Nov-12 (Estimate)	Total Off-Peak
<b>Total Demand</b>		\$ 677,814	\$ 688,198	\$ 688,226	\$ 688,226	\$ 688,198	\$ 688,226		\$ 4,118,889
<b>Total Commodity</b>		\$ 845,433	\$ 805,436	\$ 739,545	\$ 762,699	\$ 964,117	\$ 1,944,893		\$ 6,062,123
<b>Hedge Savings</b>		\$ 376,120	\$ -	\$ -	\$ -	\$ -	\$ 199,504		\$ 575,624
<b>Total Gas Costs</b>		\$ 1,899,367	\$ 1,493,635	\$ 1,427,772	\$ 1,450,925	\$ 1,652,315	\$ 2,832,623		\$ 10,756,637
<b>Adjustments and Indirect Costs</b>									
Refunds & Adjustments		\$ (1,764)	\$ (145,419)	\$ (150,194)	\$ (147,955)	\$ (147,968)	\$ (151,381)		\$ (744,681)
It Margin		-	-	-	-	-	-		-
Inventory Financing		-	-	-	-	-	-		-
Transportation Revenue		-	-	-	-	-	-		-
Broker Revenue		-	-	-	-	-	-		-
Off System and Capacity Release		-	-	-	-	-	-		-
Fixed Price Option Admin.		-	-	-	-	-	-		-
Bad Debt Costs		45,614	30,370	28,694	29,296	34,075	62,003		230,052
Working Capital		2,414	1,898	1,815	1,844	2,100	3,600		13,671
Misc Overhead		472	472	472	472	472	472		2,833
Production & Storage		-	-	-	-	-	-		-
<b>Total Indirect Costs</b>		\$ 46,736	\$ (112,679)	\$ (119,213)	\$ (116,342)	\$ (111,321)	\$ (85,306)		\$ (498,125)
Interest		\$ (729)	\$ (252)	\$ (69)	\$ 247	\$ 452	\$ 260		\$ (91)
<b>Total Gas Costs plus Indirect Costs</b>		\$ 1,945,374	\$ 1,380,703	\$ 1,308,489	\$ 1,334,830	\$ 1,541,446	\$ 2,747,577		\$ 10,258,421
Collections		\$ (763,213)	\$ (1,932,591)	\$ (1,288,524)	\$ (1,101,258)	\$ (1,172,656)	\$ (1,600,287)	\$ (2,044,656)	\$ (9,903,185)
Less FPO Premium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled		\$ (874,448)	\$ (788,006)	\$ (710,526)	\$ (831,671)	\$ (1,174,156)	\$ (2,520,363)	\$ -	\$ (6,899,169)
Reverse Prior Month Unbilled		\$ -	\$ 874,448	\$ 788,006	\$ 710,526	\$ 831,671	\$ 1,174,156	\$ 2,520,363	\$ 6,899,169
Prior Period	\$ (418,421)	\$ 307,713	\$ (465,446)	\$ 97,445	\$ 112,427	\$ 26,305	\$ (198,916)	\$ 475,707	\$ (63,185)
		\$ (110,708)							
Total Forecasted Sales Volumes		1,937,666	3,920,214	2,718,293	2,323,228	2,473,881	3,375,472	4,311,502	21,060,256
Total Forecasted Collections		\$ (763,213)	\$ (1,932,591)	\$ (1,288,524)	\$ (1,101,258)	\$ (1,172,656)	\$ (1,600,287)	\$ (2,044,656)	\$ (9,903,185)
With Rate Adjustment	Apr-12	May-12 (Actual)	Jun-12 (Estimate)	Jul-12 (Estimate)	Aug-12 (Estimate)	Sep-12 (Estimate)	Oct-12 (Estimate)	Nov-12 (Estimate)	Total Off-Peak
<b>Total Demand</b>		\$ 677,814	\$ 688,198	\$ 688,226	\$ 688,226	\$ 688,198	\$ 688,226	\$ -	\$ 4,118,889
<b>Total Commodity</b>		\$ 845,433	\$ 805,436	\$ 739,545	\$ 762,699	\$ 964,117	\$ 1,944,893	\$ -	\$ 6,062,123
<b>Hedge Savings</b>		\$ 376,120	\$ -	\$ -	\$ -	\$ -	\$ 199,504	\$ -	\$ 575,624
<b>Total Gas Costs</b>		\$ 1,899,367	\$ 1,493,635	\$ 1,427,772	\$ 1,450,925	\$ 1,652,315	\$ 2,832,623	\$ -	\$ 10,756,637
<b>Adjustments and Indirect Costs</b>									
Prior Period Adjustment		\$ (1,764)	\$ (145,419)	\$ (150,194)	\$ (147,955)	\$ (147,968)	\$ (151,381)	\$ -	\$ (744,681)
It Margin		-	-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-	-
Bad Debt Costs		45,614	30,370	28,694	29,296	34,075	62,003	-	230,052
Working Capital		2,414	1,898	1,815	1,844	2,100	3,600	-	13,671
Misc Overhead		472	472	472	472	472	472	-	2,833
Production & Storage		-	-	-	-	-	-	-	-
<b>Total Indirect Costs</b>		\$ 46,736	\$ (112,679)	\$ (119,213)	\$ (116,342)	\$ (111,321)	\$ (85,306)	\$ -	\$ (498,125)
Interest		\$ (729)	\$ (252)	\$ (69)	\$ 247	\$ 452	\$ 260	\$ -	\$ (91)
<b>Total Gas Costs plus Indirect Costs</b>		\$ 1,945,374	\$ 1,380,703	\$ 1,308,489	\$ 1,334,830	\$ 1,541,446	\$ 2,747,577	\$ -	\$ 10,258,421
Collections		\$ (763,213)	\$ (1,932,591)	\$ (1,282,272)	\$ (1,090,572)	\$ (1,161,276)	\$ (1,584,760)	\$ (2,024,823)	\$ (9,839,507)
Less FPO Premium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0
Unbilled		\$ (874,448)	\$ (290,271)	\$ (209,776)	\$ (331,231)	\$ (674,594)	\$ (2,024,250)	\$ 0	\$ (4,404,570)
Reverse Prior Month Unbilled		\$ 0	\$ 874,448	\$ 290,271	\$ 209,776	\$ 331,231	\$ 674,594	\$ 2,024,250	\$ 4,404,570
Prior Period	\$ (418,421)	\$ 307,713	\$ 32,290	\$ 106,712	\$ 122,803	\$ 36,808	\$ (186,839)	\$ (573)	\$ 493
		\$ (110,708)							
Total Forecasted Sales Volumes		1,937,666	3,920,214	2,718,293	2,323,228	2,473,881	3,375,472	4,311,502	21,060,256
Total Forecasted Collections		\$ (763,213)	\$ (1,932,591)	\$ (1,282,272)	\$ (1,090,572)	\$ (1,161,276)	\$ (1,584,760)	\$ (2,024,823)	\$ (9,839,507)

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The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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20	Original
21	Second Revised
22	Second Revised
23	Second Revised
24	Second Revised
25	Second Revised
26	First Revised
27	Original
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29	Original
30	Original

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Issued: By Timothy F. Horan  
Timothy F. Horan  
Title: President *KLB*

Issued in compliance with NHPUC Order No. 25,356 dated April 30, 2012 in Docket No. DG 12-067.

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The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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89	Third Revised
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91	Third Revised
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93	Original
94	Fourth Revised

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Issued: By Timothy F. Moran  
Timothy F. Moran  
Title: President *TFM*

**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	\$ 0.4695	\$ 0.0693	\$ 0.6971
<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	\$ 0.4695	\$ 0.0693	\$ 0.8129
All therms over the first block per month at	\$ 0.2265	\$ 0.7460	\$ 0.0693	\$ 1.0418	\$ 0.2265	\$ 0.4695	\$ 0.0693	\$ 0.7653
<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	\$ 0.4695	\$ 0.0693	\$ 0.6484
All therms over the first block per month at	\$ 0.0906	\$ 0.7460	\$ 0.0693	\$ 0.9059	\$ 0.0906	\$ 0.4695	\$ 0.0693	\$ 0.6294
<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	\$ 0.4703	\$ 0.0493	\$ 0.8450
All therms over the first block per month at	\$ 0.2116	\$ 0.7463	\$ 0.0493	\$ 1.0072	\$ 0.2116	\$ 0.4703	\$ 0.0493	\$ 0.7312
<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	\$ 0.4703	\$ 0.0493	\$ 0.8237
All therms over the first block per month at	\$ 0.2009	\$ 0.7463	\$ 0.0493	\$ 0.9965	\$ 0.2009	\$ 0.4703	\$ 0.0493	\$ 0.7205
<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	\$ 0.4703	\$ 0.0493	\$ 0.6050
<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	\$ 0.4680	\$ 0.0493	\$ 0.6914
All therms over the first block per month at	\$ 0.1124	\$ 0.7445	\$ 0.0493	\$ 0.9062	\$ 0.1124	\$ 0.4680	\$ 0.0493	\$ 0.6297
<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	\$ 0.4680	\$ 0.0493	\$ 0.6410
All therms over the first block per month at	\$ 0.1143	\$ 0.7445	\$ 0.0493	\$ 0.9081	\$ 0.0713	\$ 0.4680	\$ 0.0493	\$ 0.5886
<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	\$ 0.4680	\$ 0.0493	\$ 0.5748
<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	\$ 0.4680	\$ 0.0493	\$ 0.5397

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Issued: By *Timothy F. Horan*  
Timothy F. Horan  
Title: President *KRB*

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</b>	<b>\$ 0.5118 /therm</b>
Change in rate due to change in under/over recovery		\$ (0.0377)
<b>RESIDENTIAL COST OF GAS RATE - 06/01/2012</b>	<b>COGsr</b>	<b>\$ 0.4741 /therm</b>
Change in rate due to change in under/over recovery		\$ (0.0046)
<b>RESIDENTIAL COST OF GAS RATE - 07/01/2012</b>	<b>COGsr</b>	<b>\$ 0.4695 /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>
Change in rate due to change in under/over recovery		\$ (0.0377)
<b>COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2012</b>	<b>COGsl</b>	<b>\$ 0.4726 /therm</b>
Change in rate due to change in under/over recovery		\$ (0.0046)
<b>COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2012</b>	<b>COGsl</b>	<b>\$ 0.4680 /therm</b>

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>
Change in rate due to change in under/over recovery		\$ (0.0377)
<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012</b>	<b>COGsh</b>	<b>\$ 0.4749 /therm</b>
Change in rate due to change in under/over recovery		\$ (0.0046)
<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012</b>	<b>COGsl</b>	<b>\$ 0.4703 /therm</b>

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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