

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

**Filed Tariff Sheets**

Fortieth Revised Page 1  
Check Sheet

Fortieth Revised Page 3  
Check Sheet

Fortieth Revised Page 76  
Firm Rate Schedules

Thirty-Sixth Revised Page 87  
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

June 1, 2012

Under/(Over) Collection as of 05/1/12		\$ (418,421)
Forecasted firm Residential therm sales 06/1/12 - 10/31/12	11,736,014	
Residential Cost of Gas Rate per therm	\$ (0.5118)	
Forecasted firm C&I High Winter Use therm sales 06/1/12 - 10/31/12	5,761,060	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5126)	
Forecasted firm C&I Low Winter therm sales 06/1/12 - 10/31/12	2,953,217	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5103)	
Forecasted firm Residential therm sales 05/12	578,892	
Residential Cost of Gas Rate per therm	\$ (0.5118)	
Forecasted firm C&I High Winter Use therm sales 05/12	302,707	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5126)	
Forecasted firm C&I Low Winter Use therm sales 05/12	87,233	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5103)	
Forecast recovered costs at current rate 05/1/12 - 10/31/12		(10,962,598)
Unbilled COG Revenues 05/1/12 - 10/31/12		-
Revised projected gas costs 05/1/12 - 10/31/12		\$ 10,729,980
Estimated interest charged (credited) to customers 05/1/12-10/31/12		(2,434)
Projected under / (over) collection as of 10/31/12 (A)		\$ (653,473)

Actual Gas Costs through 05/1/12	\$ -
Revised projected gas costs 05/1/12 - 10/31/12	<u>10,727,546</u>
Estimated total adjusted gas costs 05/1/12 - 10/31/12 (B)	\$ 10,727,546

Under/ (over) collection as percent of total gas costs (A/B)	-6.09%
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Projected under / (over) collections as of 10/31/12(A)	\$ (653,473)
Forecasted firm therm sales 06/1/12 - 10/31/12 (C)	17,341,917
Change in rate used to reduce forecast under/(over) collection (A/C)	\$ (0.0377)
Current Cost of Gas Rate	\$ 0.5118
Revised Cost of Gas Rate	\$ 0.4741

Revised as follows:

The revised projected gas costs include the June - October 2012 NYMEX strip price as of May 23, 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

<b>Without Rate Adjustment</b>	Apr-12	May-12 (Estimate)	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>		\$ 688,226	\$ 688,198	\$ 688,226	\$ 688,226	\$ 688,198	\$ 688,226		\$ 4,129,301
<b>Total Commodity</b>		\$ 1,020,523	\$ 831,775	\$ 786,904	\$ 813,498	\$ 1,026,801	\$ 2,058,854		\$ 6,538,354
<b>Hedge Savings</b>		\$ 373,470	\$ -	\$ -	\$ -	\$ -	\$ 175,900		\$ 549,370
<b>Total Gas Costs</b>		\$ 2,082,219	\$ 1,519,973	\$ 1,475,130	\$ 1,501,724	\$ 1,714,999	\$ 2,922,980		\$ 11,217,026
<b>Adjustments and Indirect Costs</b>									
Refunds & Adjustments	\$ -	\$ (145,419)	\$ (150,194)	\$ (147,955)	\$ (147,968)	\$ (147,968)	\$ (151,381)		\$ (742,917)
It Margin	-	-	-	-	-	-	-		-
Inventory Financing	-	-	-	-	-	-	-		-
Transportation Revenue	-	-	-	-	-	-	-		-
Broker Revenue	-	-	-	-	-	-	-		-
Off System and Capacity Release	-	-	-	-	-	-	-		-
Fixed Price Option Admin.	-	-	-	-	-	-	-		-
Bad Debt Costs		47,758	30,995	29,818	30,502	35,562	64,147		238,782
Working Capital		2,646	1,932	1,875	1,909	2,180	3,715		14,256
Misc Overhead		472	472	472	472	472	472		2,833
Production & Storage		-	-	-	-	-	-		-
<b>Total Indirect Costs</b>		\$ 50,877	\$ (112,021)	\$ (118,029)	\$ (115,072)	\$ (109,754)	\$ (83,047)		\$ (487,046)
<b>Interest</b>		\$ (1,098)	\$ (887)	\$ (589)	\$ (163)	\$ 174	\$ 129		\$ (2,434)
<b>Total Gas Costs plus Indirect Costs</b>		\$ 2,131,998	\$ 1,407,066	\$ 1,356,512	\$ 1,386,489	\$ 1,605,419	\$ 2,840,062		\$ 10,727,546
<b>Collections</b>		\$ (991,920)	\$ (2,190,167)	\$ (1,391,004)	\$ (1,188,844)	\$ (1,265,921)	\$ (1,727,542)	\$ (2,207,200)	\$ (10,962,598)
Less FPO Premium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled		\$ (1,034,872)	\$ (310,876)	\$ (231,195)	\$ (355,780)	\$ (707,992)	\$ (2,092,432)	\$ -	\$ (4,733,146)
Reverse Prior Month Unbilled		\$ -	\$ 1,034,872	\$ 310,876	\$ 231,195	\$ 355,780	\$ 707,992	\$ 2,092,432	\$ 4,733,146
Prior Period	\$ (418,421)	\$ 105,207	\$ (59,105)	\$ 45,189	\$ 73,059	\$ (12,714)	\$ (271,920)	\$ (114,768)	\$ (653,473)
<b>Total Forecasted Sales Volumes</b>		1,937,666	4,279,083	2,718,293	2,323,228	2,473,881	3,375,472		17,107,622
<b>Total Forecasted Collections</b>		\$ (991,920)	\$ (2,190,167)	\$ (1,391,004)	\$ (1,188,844)	\$ (1,265,921)	\$ (1,727,542)	\$ (2,207,200)	\$ (10,962,598)
<b>With Rate Adjustment</b>	Apr-12	May-12 (Estimate)	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>		\$ 688,226	\$ 688,198	\$ 688,226	\$ 688,226	\$ 688,198	\$ 688,226	\$ -	\$ 4,129,301
<b>Total Commodity</b>		\$ 1,020,523	\$ 831,775	\$ 786,904	\$ 813,498	\$ 1,026,801	\$ 2,058,854	\$ -	\$ 6,538,354
<b>Hedge Savings</b>		\$ 373,470	\$ -	\$ -	\$ -	\$ -	\$ 175,900	\$ -	\$ 549,370
<b>Total Gas Costs</b>		\$ 2,082,219	\$ 1,519,973	\$ 1,475,130	\$ 1,501,724	\$ 1,714,999	\$ 2,922,980	\$ -	\$ 11,217,026
<b>Adjustments and Indirect Costs</b>									
Prior Period Adjustment	\$ -	\$ (145,419)	\$ (150,194)	\$ (147,955)	\$ (147,968)	\$ (147,968)	\$ (151,381)	\$ -	\$ (742,917)
It Margin	-	-	-	-	-	-	-		-
Inventory Financing	-	-	-	-	-	-	-		-
Transportation Revenue	-	-	-	-	-	-	-		-
Broker Revenue	-	-	-	-	-	-	-		-
Off System and Capacity Release	-	-	-	-	-	-	-		-
Fixed Price Option Admin.	-	-	-	-	-	-	-		-
Bad Debt Costs		47,758	30,995	29,818	30,502	35,562	64,147		238,782
Working Capital		2,646	1,932	1,875	1,909	2,180	3,715		14,256
Misc Overhead		472	472	472	472	472	472		2,833
Production & Storage		-	-	-	-	-	-		-
<b>Total Indirect Costs</b>		\$ 50,877	\$ (112,021)	\$ (118,029)	\$ (115,072)	\$ (109,754)	\$ (83,047)	\$ -	\$ (487,046)
<b>Interest</b>		\$ (1,098)	\$ (887)	\$ (589)	\$ (163)	\$ 174	\$ 129	\$ -	\$ (2,434)
<b>Total Gas Costs plus Indirect Costs</b>		\$ 2,131,998	\$ 1,407,066	\$ 1,356,512	\$ 1,386,489	\$ 1,605,419	\$ 2,840,062	\$ -	\$ 10,727,546
<b>Collections</b>		(\$991,920)	(\$2,109,506)	(\$1,288,524)	(\$1,101,258)	(\$1,172,656)	(\$1,600,287)	(\$2,044,656)	(\$10,308,808)
Less FPO Premium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0
Unbilled		(\$1,099,766)	(\$306,034)	(\$227,594)	(\$350,240)	(\$696,967)	(\$2,059,846)	\$ 0	(\$4,740,447)
Reverse Prior Month Unbilled		\$ 0	\$ 1,099,766	\$ 306,034	\$ 227,594	\$ 350,240	\$ 696,967	\$ 2,059,846	\$ 4,740,447
Prior Period	\$ (418,421)	\$ 40,312	\$ 91,292	\$ 146,428	\$ 162,585	\$ 86,037	\$ (123,105)	\$ 15,190	\$ 318
<b>Total Forecasted Sales Volumes</b>		1,937,666	4,279,083	2,718,293	2,323,228	2,473,881	3,375,472	-	17,107,622
<b>Total Forecasted Collections</b>		(\$991,920)	(\$2,109,506)	(\$1,288,524)	(\$1,101,258)	(\$1,172,656)	(\$1,600,287)	(\$2,044,656)	(\$10,308,808)

CHECK SHEET

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

<u>Page</u>	<u>Revision</u>
Title	Original
1	Fortieth Revised
2	Sixth Revised
3	Fortieth Revised
4	Original
5	Third Revised
6	Original
7	Original
8	Original
9	Original
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	First Revised
18	First Revised
19	Second Revised
20	Original
21	Second Revised
22	Second Revised
23	Second Revised
24	Second Revised
25	Second Revised
26	First Revised
27	Original
28	Original
29	Original
30	Original

**CHECK SHEET (Cont'd)**

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

<u>Page</u>	<u>Revision</u>
61	Sixth Revised
62	Original
63	Sixth Revised
64	Original
65	Sixth Revised
66	Original
67	Sixth Revised
68	Original
69	Sixth Revised
70	Original
71	Sixth Revised
72	Original
73	Original
74	Original
75	Original
76	Fortieth Revised
77	Original
78	Original
79	Original
80	Original
81	Original
82	Original
83	Original
84	Original
85	Original
86	Sixth Revised
87	Thirty-Sixth Revised
88	Third Revised
89	Third Revised
90	Original
91	Third Revised
92	Fourth Revised
93	Original
94	Fourth Revised

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>

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>

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>

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

**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>Residential Non Heating - R-1</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	\$ 0.4741	\$ 0.0693	\$ 0.7017
<b>Residential Heating - R-3</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	\$ 0.4741	\$ 0.0693	\$ 0.8175
All therms over the first block per month at	\$ 0.2265	\$ 0.7460	\$ 0.0693	\$ 1.0418	\$ 0.2265	\$ 0.4741	\$ 0.0693	\$ 0.7699
<b>Residential Heating - R-4</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	\$ 0.4741	\$ 0.0693	\$ 0.6530
All therms over the first block per month at	\$ 0.0906	\$ 0.7460	\$ 0.0693	\$ 0.9059	\$ 0.0906	\$ 0.4741	\$ 0.0693	\$ 0.6340
<b>Commercial/Industrial - G-41</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	\$ 0.4749	\$ 0.0493	\$ 0.8496
All therms over the first block per month at	\$ 0.2116	\$ 0.7463	\$ 0.0493	\$ 1.0072	\$ 0.2116	\$ 0.4749	\$ 0.0493	\$ 0.7358
<b>Commercial/Industrial - G-42</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	\$ 0.4749	\$ 0.0493	\$ 0.8283
All therms over the first block per month at	\$ 0.2009	\$ 0.7463	\$ 0.0493	\$ 0.9965	\$ 0.2009	\$ 0.4749	\$ 0.0493	\$ 0.7251
<b>Commercial/Industrial - G-43</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	\$ 0.4749	\$ 0.0493	\$ 0.6096
<b>Commercial/Industrial - G-51</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	\$ 0.4726	\$ 0.0493	\$ 0.6960
All therms over the first block per month at	\$ 0.1124	\$ 0.7445	\$ 0.0493	\$ 0.9062	\$ 0.1124	\$ 0.4726	\$ 0.0493	\$ 0.6343
<b>Commercial/Industrial - G-52</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	\$ 0.4726	\$ 0.0493	\$ 0.6456
All therms over the first block per month at	\$ 0.1143	\$ 0.7445	\$ 0.0493	\$ 0.9081	\$ 0.0713	\$ 0.4726	\$ 0.0493	\$ 0.5932
<b>Commercial/Industrial - G-53</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	\$ 0.4726	\$ 0.0493	\$ 0.5794
<b>Commercial/Industrial - G-54</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	\$ 0.4726	\$ 0.0493	\$ 0.5443

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Issued: By *Timothy F. Hofan*  
Timothy F. Hofan  
Title: President *KFB*