

ENERGY NORTH NATURAL GAS, INC,
d/b/a National Grid NH.
Off Peak 2011 Cost of Gas Filing

Filed Tariff Sheets

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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
2011 Summer Cost of Gas Filing
DG 11-046

08/01/2011

Under/(Over) Collection as of 07/1/11	\$	130,361
Forecasted firm Residential therm sales 08/1/11 - 10/31/11	7,720,194	
Residential Cost of Gas Rate per therm	\$ (0.7612)	
Forecasted firm C&I High Winter Use therm sales 08/1/11 - 10/31/11	3,799,475	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.7651)	
Forecasted firm C&I Low Winter therm sales 08/1/11 - 10/31/11	1,946,371	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.7542)	
Forecasted firm Residential therm sales 07/11	658,727	
Residential Cost of Gas Rate per therm	\$ (0.7429)	
Forecasted firm C&I High Winter Use therm sales 07/11	285,211	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.7468)	
Forecasted firm C&I Low Winter Use therm sales 07/11	210,163	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.7359)	
Forecast recovered costs at current rate 07/1/11 - 10/31/11		(11,108,566)
Unbilled COG Revenues 07/1/11 - 10/31/11		690,041
Revised projected gas costs 07/1/11 - 10/31/11	\$	10,587,193
Estimated interest charged (credited) to customers 07/1/11-10/31/11		5,324
Projected under / (over) collection as of 10/31/11 (A)	\$	304,353

Actual Gas Costs through 07/1/11	\$	4,880,048
Revised projected gas costs 07/1/11 - 10/31/11	<u>10,592,517</u>	
Estimated total adjusted gas costs 07/1/11 - 10/31/11 (B)	\$	15,472,565

Under/ (over) collection as percent of total gas costs (A/B)	1.97%
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Projected under / (over) collections as of 10/31/11(A)	\$	304,353
Forecasted firm therm sales 08/1/11 - 10/31/11 (C)		11,203,344
Change in rate used to reduce forecast under/(over) collection (A/C)	\$	0.0272
Current Cost of Gas Rate	\$	0.7612
Revised Cost of Gas Rate	\$	0.7884

Revised as follows:

The revised projected gas costs include the July - October 2011 NYMEX strip price as of July 21, 2011.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,217 dated April 29, 2011 in Docket DG 11-046 (April Order): The Company may adjust the approved cost of gas rate of \$0.7326 per therm upwards by no more than 25% or \$0.1832 per therm. The adjusted cost of gas rate shall not be more than \$0.9158 per therm pursuant to April Order.

ENERGYNORTH NATURAL GAS, INC.
Projected Over or Under Collection

Without Rate Adjustment	Apr-11	May-11 (Actual)	Jun-11 (Actual)	Jul-11 (Estimate)	Aug-11 (Estimate)	Sep-11 (Estimate)	Oct-11 (Estimate)	Nov-11 (Estimate)	Total Off-Peak
Total Demand		\$ 533,160	\$ 945,565	\$ 904,513	\$ 904,513	\$ 904,491	\$ 904,513		\$ 5,096,755
Total Commodity		\$ 1,488,141	\$ 1,249,359	\$ 1,223,706	\$ 1,238,409	\$ 1,413,839	\$ 2,769,135		\$ 9,382,589
Hedge Savings		\$ 170,225	\$ -	\$ -	\$ -	\$ -	\$ 58,620		\$ 228,845
Total Gas Costs		\$ 2,191,526	\$ 2,194,924	\$ 2,128,219	\$ 2,142,922	\$ 2,318,330	\$ 3,732,268		\$ 14,708,189
Adjustments and Indirect Costs									
Refunds & Adjustments		\$ 3,305	\$ 377,936	\$ -	\$ -	\$ -	\$ -		\$ 381,241
It Margin		-	-	-	-	-	-		-
Inventory Financing		-	-	-	-	-	-		-
Transportation Revenue		-	-	-	-	-	-		-
Broker Revenue		-	-	-	-	-	-		-
Off System and Capacity Release		-	-	-	-	-	-		-
Fixed Price Option Admin.		-	-	-	-	-	-		-
Bad Debt Costs		52,927	53,012	51,342	51,710	56,101	91,494		356,587
Working Capital		2,785	2,789	2,705	2,723	2,946	4,743		18,692
Misc Overhead		422	422	422	422	422	422		2,533
Production & Storage		-	-	-	-	-	-		-
Total Indirect Costs		\$ 59,439	\$ 434,159	\$ 54,469	\$ 54,856	\$ 59,470	\$ 96,660		\$ 759,053
Interest		\$ (1,554)	\$ (686)	\$ 854	\$ 1,613	\$ 1,865	\$ 992		\$ 3,084
Total Gas Costs plus Indirect Costs		\$ 2,249,411	\$ 2,628,397	\$ 2,183,542	\$ 2,199,391	\$ 2,379,664	\$ 3,829,920		\$ 15,470,325
Collections		\$ (1,175,354)	\$ (2,399,439)	\$ (1,735,166)	\$ (1,686,749)	\$ (1,703,377)	\$ (2,996,080)	\$ (2,987,193)	\$ (14,683,359)
Less FPO Premium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled		\$ (1,236,232)	\$ (690,041)	\$ 638,232	\$ 391,422	\$ (151,840)	\$ (1,504,362)	\$ -	\$ (2,552,821)
Reverse Prior Month Unbilled		\$ -	\$ 1,236,232	\$ 690,041	\$ (638,232)	\$ (391,422)	\$ 151,840	\$ 1,504,362	\$ 2,552,821
Prior Period	\$ (482,613)	\$ (162,175)	\$ 775,149	\$ 1,776,649	\$ 265,832	\$ 133,025	\$ (518,682)	\$ (1,482,831)	\$ 304,353
		\$ (644,788)	\$ 130,361						
Total Forecasted Sales Volumes		1,654,978	2,984,770	2,308,203	2,217,189	2,239,115	3,935,046		15,339,300
Total Forecasted Collections		\$ (1,175,354)	\$ (2,399,439)	\$ (1,735,166)	\$ (1,686,749)	\$ (1,703,377)	\$ (2,996,080)	\$ (2,987,193)	\$ (14,683,359)
With Rate Adjustment	Apr-11	May-11 (Actual)	Jun-11 (Actual)	Jul-11 (Estimate)	Aug-11 (Estimate)	Sep-11 (Estimate)	Oct-11 (Estimate)	Nov-11 (Estimate)	Total Off-Peak
Total Demand		\$ 533,160	\$ 945,565	\$ 904,513	\$ 904,513	\$ 904,491	\$ 904,513	\$ -	\$ 5,096,755
Total Commodity		\$ 1,488,141	\$ 1,249,359	\$ 1,223,706	\$ 1,238,409	\$ 1,413,839	\$ 2,769,135	\$ -	\$ 9,382,589
Hedge Savings		\$ 170,225	\$ -	\$ -	\$ -	\$ -	\$ 58,620	\$ -	\$ 228,845
Total Gas Costs		\$ 2,191,526	\$ 2,194,924	\$ 2,128,219	\$ 2,142,922	\$ 2,318,330	\$ 3,732,268	\$ -	\$ 14,708,189
Adjustments and Indirect Costs									
Prior Period Adjustment		\$ 3,305	\$ 377,936	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 381,241
It Margin		-	-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-	-
Bad Debt Costs		52,927	53,012	51,342	51,710	56,101	91,494		356,587
Working Capital		2,785	2,789	2,705	2,723	2,946	4,743		18,692
Misc Overhead		422	422	422	422	422	422		2,533
Production & Storage		-	-	-	-	-	-		-
Total Indirect Costs		\$ 59,439	\$ 434,159	\$ 54,469	\$ 54,856	\$ 59,470	\$ 96,660	\$ -	\$ 759,053
Interest		\$ (1,554)	\$ (686)	\$ 854	\$ 1,613	\$ 1,865	\$ 992	\$ -	\$ 3,084
Total Gas Costs plus Indirect Costs		\$ 2,249,411	\$ 2,628,397	\$ 2,183,542	\$ 2,199,391	\$ 2,379,664	\$ 3,829,920	\$ -	\$ 15,470,325
Collections		\$ (1,175,354)	\$ (2,399,439)	\$ (1,735,166)	\$ (1,716,902)	\$ (1,764,281)	\$ (3,103,114)	\$ (3,093,833)	\$ (14,988,090)
Less FPO Premium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0
Unbilled		\$ (1,236,232)	\$ (690,041)	\$ (779,482)	\$ (1,070,395)	\$ (1,649,424)	\$ (3,090,992)	\$ 0	\$ (8,516,565)
Reverse Prior Month Unbilled		\$ 0	\$ 1,236,232	\$ 690,041	\$ 779,482	\$ 1,070,395	\$ 1,649,424	\$ 3,090,992	\$ 8,516,565
Prior Period	\$ (482,613)	\$ (162,175)	\$ 775,149	\$ 358,935	\$ 191,576	\$ 36,354	\$ (714,762)	\$ (2,841)	\$ (378)
		\$ (644,788)	\$ 130,361						
Total Forecasted Sales Volumes		1,654,978	2,984,770	2,308,203	2,217,189	2,239,115	3,935,046	-	15,339,300
Total Forecasted Collections		\$ (1,175,354)	\$ (2,399,439)	\$ (1,735,166)	\$ (1,716,902)	\$ (1,764,281)	\$ (3,103,114)	\$ (3,093,833)	\$ (14,988,090)

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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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Issued By: Daniel G. Saad KB
Daniel G. Saad
Title: Vice President, Gas Operations

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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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Daniel G. Saad
Title: Vice President, Gas Operations

Issued in compliance with NHPUC Order No. 25,217 dated April 29, 2011 in Docket No. DG 11-046.

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
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$ 11.98			\$ 11.98	\$ 11.98			\$ 11.98
All therms	\$ 0.1583	\$ 0.7990	\$ 0.0641	\$ 1.0214	\$ 0.1583	\$ 0.7884	\$ 0.0693	\$ 1.0160
<u>Residential Heating - R-3</u>								
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	\$ 0.7990	\$ 0.0641	\$ 1.1372	\$ 0.2741	\$ 0.7884	\$ 0.0693	\$ 1.1318
All therms over the first block per month at	\$ 0.2265	\$ 0.7990	\$ 0.0641	\$ 1.0896	\$ 0.2265	\$ 0.7884	\$ 0.0693	\$ 1.0842
<u>Residential Heating - R-4</u>								
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	\$ 0.7990	\$ 0.0641	\$ 0.9727	\$ 0.1096	\$ 0.7884	\$ 0.0693	\$ 0.9673
All therms over the first block per month at	\$ 0.0906	\$ 0.7990	\$ 0.0641	\$ 0.9537	\$ 0.0906	\$ 0.7884	\$ 0.0693	\$ 0.9483
<u>Commercial/Industrial - G-41</u>								
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	\$ 0.8004	\$ 0.0422	\$ 1.1680	\$ 0.3254	\$ 0.7923	\$ 0.0474	\$ 1.1651
All therms over the first block per month at	\$ 0.2116	\$ 0.8004	\$ 0.0422	\$ 1.0542	\$ 0.2116	\$ 0.7923	\$ 0.0474	\$ 1.0513
<u>Commercial/Industrial - G-42</u>								
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	\$ 0.8004	\$ 0.0422	\$ 1.1467	\$ 0.3041	\$ 0.7923	\$ 0.0474	\$ 1.1438
All therms over the first block per month at	\$ 0.2009	\$ 0.8004	\$ 0.0422	\$ 1.0435	\$ 0.2009	\$ 0.7923	\$ 0.0474	\$ 1.0406
<u>Commercial/Industrial - G-43</u>								
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	\$ 0.8004	\$ 0.0422	\$ 1.0293	\$ 0.0854	\$ 0.7923	\$ 0.0474	\$ 0.9251
<u>Commercial/Industrial - G-51</u>								
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	\$ 0.7956	\$ 0.0422	\$ 1.0119	\$ 0.1741	\$ 0.7814	\$ 0.0474	\$ 1.0029
All therms over the first block per month at	\$ 0.1124	\$ 0.7956	\$ 0.0422	\$ 0.9502	\$ 0.1124	\$ 0.7814	\$ 0.0474	\$ 0.9412
<u>Commercial/Industrial - G-52</u>								
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	\$ 0.7956	\$ 0.0422	\$ 1.0062	\$ 0.1237	\$ 0.7814	\$ 0.0474	\$ 0.9525
All therms over the first block per month at	\$ 0.1143	\$ 0.7956	\$ 0.0422	\$ 0.9521	\$ 0.0713	\$ 0.7814	\$ 0.0474	\$ 0.9001
<u>Commercial/Industrial - G-53</u>								
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	\$ 0.7956	\$ 0.0422	\$ 0.9580	\$ 0.0575	\$ 0.7814	\$ 0.0474	\$ 0.8863
<u>Commercial/Industrial - G-54</u>								
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	\$ 0.7956	\$ 0.0422	\$ 0.8793	\$ 0.0224	\$ 0.7814	\$ 0.0474	\$ 0.8512

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Issued By: Daniel G. Saad KB
Daniel G. Saad
Title: Vice President, Gas Operations

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2011 THROUGH OCTOBER 31, 2011
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 14,833,761	
Projected Prorated Sales (05/01/11 - 10/31/11)	20,033,177	
Direct Cost of Gas Rate		\$ 0.7405 per therm
Demand Cost of Gas Rate	\$ 5,040,437	\$ 0.2516 per therm
Commodity Cost of Gas Rate	9,871,862	\$ 0.4928 per therm
Adjustment Cost of Gas Rate	(78,538)	\$ (0.0039) per therm
Total Direct Cost of Gas Rate	\$ 14,833,761	\$ 0.7405 per therm
Total Anticipated Indirect Cost of Gas	\$ 357,952	
Projected Prorated Sales (05/01/11 - 10/31/11)	20,033,177	
Indirect Cost of Gas		\$ 0.0179 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/11		\$ 0.7326 per therm

RESIDENTIAL COST OF GAS RATE - 05/01/11	COGsr	\$ 0.7326 /therm
Change in rate due to change in under/over recovery		\$ 0.0103
RESIDENTIAL COST OF GAS RATE - 06/01/2011	COGsr	\$ 0.7429 /therm
Change in rate due to change in under/over recovery		\$ 0.0183
RESIDENTIAL COST OF GAS RATE - 07/01/2011	COGsr	\$ 0.7612 /therm
Change in rate due to change in under/over recovery		\$ 0.0272
RESIDENTIAL COST OF GAS RATE - 08/01/2011	COGsr	\$ 0.7884 /therm

Maximum (COG + 25%) \$ 0.9158

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/11	COGsl	\$ 0.7256 /therm
Change in rate due to change in under/over recovery		\$ 0.0103
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2011	COGsl	\$ 0.7359 /therm
Change in rate due to change in under/over recovery		\$ 0.0183
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2011	COGsl	\$ 0.7542 /therm
Change in rate due to change in under/over recovery		\$ 0.0272
COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/2011	COGsl	\$ 0.7814 /therm

Average Demand Cost of Gas Rate Effective 05/01/11	\$ 0.2516		
Times: Low Winter Use Ratio (Summer)	0.9641		
Times: Correction Factor	1.00861		
Adjusted Demand Cost of Gas Rate	\$ 0.2447		
Commodity Cost of Gas Rate	\$ 0.4928		
Adjustment Cost of Gas Rate	\$ (0.0039)		
Indirect Cost of Gas Rate	\$ 0.0179		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.7256		
		Maximum (COG + 25%)	\$ 0.9070

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11	COGsh	\$ 0.7365 /therm
Change in rate due to change in under/over recovery		\$ 0.0103
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011	COGsh	\$ 0.7468 /therm
Change in rate due to change in under/over recovery		\$ 0.0183
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011	COGsl	\$ 0.7651 /therm
Change in rate due to change in under/over recovery		\$ 0.0272
COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011	COGsl	\$ 0.7923 /therm

Average Demand Cost of Gas Rate Effective 05/01/11	\$ 0.2516		
Times: High Winter Use Ratio (Summer)	1.0063		
Times: Correction Factor	1.00861		
Adjusted Demand Cost of Gas Rate	\$ 0.2554		
Commodity Cost of Gas Rate	\$ 0.4928		
Adjustment Cost of Gas Rate	\$ (0.0039)		
Indirect Cost of Gas Rate	\$ 0.0179		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.7365		
		Maximum (COG + 25%)	\$ 0.9206

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