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

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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 07/01/2011

Under/(Over) Collection as of 06/1/11		$ (644,788)
Forecasted firm Residential therm sales 07/1/11 - 10/31/11	9,502,896	
Residential Cost of Gas Rate per therm	$ (0.7429)	
Forecasted firm C&I High Winter Use therm sales 07/1/11 - 10/31/11	4,607,847	
C&I- High Winter Use Cost of Gas Rate per therm	$ (0.7468)	
Forecasted firm C&I Low Winter therm sales 07/1/11 - 10/31/11	2,471,299	
C&I- Low Winter Use Cost of Gas Rate per therm	$ (0.7359)	
Forecasted firm Residential therm sales 06/11	903,290	
Residential Cost of Gas Rate per therm	$ (0.7326)	
Forecasted firm C&I High Winter Use therm sales 06/11	427,611	
C&I- High Winter Use Cost of Gas Rate per therm	$ (0.7365)	
Forecasted firm C&I Low Winter Use therm sales 06/11	244,358	
C&I- Low Winter Use Cost of Gas Rate per therm	$ (0.7256)	
Forecast recovered costs at current rate 06/1/11 - 10/31/11		(13,473,463)
Unbilled COG Revenues- 06/01/11 - 10/31/11		1,236,232
Revised projected gas costs 06/1/11 - 10/31/11		$ 13,132,487
Estimated interest charged (credited) to customers 06/1/11-10/31/11		(266)
Projected under / (over) collection as of 10/31/11 (A)		$ 250,202

Actual Gas Costs through 06/1/11	$ 2,250,965	
Revised projected gas costs 06/1/11 - 10/31/11	13,132,221	
Estimated total adjusted gas costs 06/01/11 - 10/31/11 (B)		$ 15,383,186

Under/ (over) collection as percent of total gas costs (A/B)	1.63%

Projected under / (over) collections as of 10/31/11(A)	$ 250,202
Forecasted firm therm sales 7/01/11 - 10/31/11 (C)	13,659,361
Change in rate used to reduce forecast under/(over) collection (A/C)	$ 0.0183
Current Cost of Gas Rate	$ 0.7429
Revised Cost of Gas Rate	$ 0.7612

Revised as follows:

The revised projected gas costs include the July - October 2011 NYMEX strip price as of June 23, 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 (Estimate)	Jul-11 (Estimate)	Aug-11 (Estimate)	Sep-11 (Estimate)	Oct-11 (Estimate)	Nov-11 (Estimate)	Total Off-Peak
Total Demand		$ 533,160	$ 904,491	$ 904,513	$ 904,513	$ 904,491	$ 904,513		$ 5,055,681
Total Commodity		$ 1,488,141	$ 1,259,984	$ 1,280,238	$ 1,298,405	$ 1,493,482	$ 2,927,347		$ 9,747,597
Hedge Savings		$ 170,225	$ -	$ -	$ -	$ -	$ 21,293		$ 191,518
Total Gas Costs		$ 2,191,526	$ 2,164,475	$ 2,184,751	$ 2,202,918	$ 2,397,973	$ 3,853,153		$ 14,994,796
Adjustments and Indirect Costs									
Refunds & Adjustments		$ 3,305	$ -	$ -	$ -	$ -	$ -		$ 3,305
It Margin		-	-	-	-	-	-		-
Inventory Financing		-	-	-	-	-	-		-
Transportation Revenue		-	-	-	-	-	-		-
Broker Revenue		-	-	-	-	-	-		-
Off System and Capacity Release		-	-	-	-	-	-		-
Fixed Price Option Admin.		-	-	-	-	-	-		-
Bad Debt Costs		52,927	52,250	52,757	53,212	58,095	94,520		363,761
Working Capital		2,785	2,751	2,777	2,800	3,048	4,897		19,056
Misc Overhead		422	422	422	422	422	422		2,534
Production & Storage		-	-	-	-	-	-		-
Total Indirect Costs		$ 59,439	$ 55,423	$ 55,956	$ 56,434	$ 61,565	$ 99,840		$ 388,657
Interest		$ (1,554)	$ (1,365)	$ (631)	$ 220	$ 903	$ 607		$ (1,820)
Total Gas Costs plus Indirect Costs		$ 2,249,412	$ 2,218,533	$ 2,240,076	$ 2,259,572	$ 2,460,440	$ 3,953,600		$ 15,381,632
Collections		$ (1,175,354)	$ (2,324,208)	$ (2,001,164)	$ (1,646,174)	$ (1,662,401)	$ (2,924,069)	$ (2,915,446)	$ (14,648,817)
Less FPO Premium		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Unbilled		$ (1,236,232)	$ (1,265,886)	$ (1,160,524)	$ (1,412,773)	$ (1,968,006)	$ (3,350,332)	$ -	$ (10,393,752)
Reverse Prior Month Unbilled		$ -	$ 1,236,232	$ 1,265,886	$ 1,160,524	$ 1,412,773	$ 1,968,006	$ 3,350,332	$ 10,393,752
Prior Period	$ (482,613)	$ (162,174)	$ (135,329)	$ 344,274	$ 361,149	$ 242,806	$ (352,795)	$ 434,886	$ 250,202
		$ (644,788)							
Total Forecasted Sales Volumes		1,654,978	3,150,516	2,694,847	2,217,189	2,239,115	3,935,046		15,891,690
Total Forecasted Collections		$ (1,175,354)	$ (2,324,208)	$ (2,001,164)	$ (1,646,174)	$ (1,662,401)	$ (2,924,069)	$ (2,915,446)	$ (14,648,817)

With Rate Adjustment	Apr-11	May-11 (Actual)	Jun-11 (Estimate)	Jul-11 (Estimate)	Aug-11 (Estimate)	Sep-11 (Estimate)	Oct-11 (Estimate)	Nov-11 (Estimate)	Total Off-Peak
Total Demand		$ 533,160	$ 904,491	$ 904,513	$ 904,513	$ 904,491	$ 904,513	$ -	$ 5,055,681
Total Commodity		$ 1,488,141	$ 1,259,984	$ 1,280,238	$ 1,298,405	$ 1,493,482	$ 2,927,347	$ -	$ 9,747,597
Hedge Savings		$ 170,225	$ -	$ -	$ -	$ -	$ 21,293	$ -	$ 191,518
Total Gas Costs		$ 2,191,526	$ 2,164,475	$ 2,184,751	$ 2,202,918	$ 2,397,973	$ 3,853,153	$ -	$ 14,994,796
Adjustments and Indirect Costs									
Prior Period Adjustment		$ 3,305	$ -	$ -	$ -	$ -	$ -	$ -	$3,305
It Margin		-	-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-	
Bad Debt Costs		52,927	52,250	52,757	53,212	58,095	94,520	-	363,761
Working Capital		2,785	2,751	2,777	2,800	3,048	4,897	-	19,056
Misc Overhead		422	422	422	422	422	422	-	2,534
'Production & Storage		-	-	-	-	-	-	-	-
Total Indirect Costs		$ 59,439	$ 55,423	$ 55,956	$ 56,434	$ 61,565	$ 99,840	$ -	$ 388,657
Interest		$ (1,554)	$ (1,365)	$ (631)	$ 220	$ 903	$ 607	$ -	$ (1,820)
Total Gas Costs plus Indirect Costs		$ 2,249,412	$ 2,218,533	$ 2,240,076	$ 2,259,572	$ 2,460,440	$ 3,953,600	$ -	$ 15,381,632
Collections		($1,175,354)	($2,324,208)	($2,025,822)	($1,686,749)	($1,703,377)	($2,996,080)	($2,987,193)	($14,898,783)
Less FPO Premium		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$0
Unbilled		($1,236,232)	($864,279)	($779,482)	($1,033,466)	($1,592,518)	($2,984,352)	$0	($8,490,328)
Reverse Prior Month Unbilled		$0	$1,236,232	$864,279	$779,482	$1,033,466	$1,592,518	$2,984,352	$8,490,328
Prior Period	$ (482,613)	$ (162,174)	$ 266,279	$ 299,051	$ 318,840	$ 198,011	$ (434,315)	$ (2,841)	$ 236
		$ (644,788)							
Total Forecasted Sales Volumes		1,654,978	3,150,516	2,694,847	2,217,189	2,239,115	3,935,046	-	15,891,690
Total Forecasted Collections		($1,175,354)	($2,324,208)	($2,025,822)	($1,686,749)	($1,703,377)	($2,996,080)	($2,987,193)	($14,898,783)

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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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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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85	Original
86	Fourth Revised
87	Twenty-Fifth Revised
88	Second Revised
89	Second Revised
90	Original
91	Second Revised
92	Third Revised
93	Original
94	Third Revised

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
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 11.86			$ 11.86	$ 11.86			$ 11.86
All therms	$ 0.1567	$ 0.7990	$ 0.0641	$ 1.0198	$ 0.1567	$ 0.7612	$ 0.0693	$ 0.9872
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 17.16			$ 17.16	$ 17.16			$ 17.16
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.2714	$ 0.7990	$ 0.0641	$ 1.1345	$ 0.2714	$ 0.7612	$ 0.0693	$ 1.1019
All therms over the first block per month at	$ 0.2243	$ 0.7990	$ 0.0641	$ 1.0874	$ 0.2243	$ 0.7612	$ 0.0693	$ 1.0548
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 6.86			$ 6.86	$ 6.86			$ 6.86
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.1086	$ 0.7990	$ 0.0641	$ 0.9717	$ 0.1086	$ 0.7612	$ 0.0693	$ 0.9391
All therms over the first block per month at	$ 0.0897	$ 0.7990	$ 0.0641	$ 0.9528	$ 0.0897	$ 0.7612	$ 0.0693	$ 0.9202
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	$ 40.37			$ 40.37	$ 40.37			$ 40.37
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.3222	$ 0.8004	$ 0.0422	$ 1.1648	$ 0.3222	$ 0.7651	$ 0.0474	$ 1.1347
All therms over the first block per month at	$ 0.2095	$ 0.8004	$ 0.0422	$ 1.0521	$ 0.2095	$ 0.7651	$ 0.0474	$ 1.0220
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	$ 121.11			$ 121.11	$ 121.11			$ 121.11
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.3011	$ 0.8004	$ 0.0422	$ 1.1437	$ 0.3011	$ 0.7651	$ 0.0474	$ 1.1136
All therms over the first block per month at	$ 0.1989	$ 0.8004	$ 0.0422	$ 1.0415	$ 0.1989	$ 0.7651	$ 0.0474	$ 1.0114
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	$ 519.77			$ 519.77	$ 519.77			$ 519.77
All therms over the first block per month at	$ 0.1849	$ 0.8004	$ 0.0422	$ 1.0275	$ 0.0846	$ 0.7651	$ 0.0474	$ 0.8971
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	$ 40.37			$ 40.37	$ 40.37			$ 40.37
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.1724	$ 0.7956	$ 0.0422	$ 1.0102	$ 0.1724	$ 0.7542	$ 0.0474	$ 0.9740
All therms over the first block per month at	$ 0.1113	$ 0.7956	$ 0.0422	$ 0.9491	$ 0.1113	$ 0.7542	$ 0.0474	$ 0.9129
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	$ 121.11			$ 121.11	$ 121.11			$ 121.11
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.1667	$ 0.7956	$ 0.0422	$ 1.0045	$ 0.1225	$ 0.7542	$ 0.0474	$ 0.9241
All therms over the first block per month at	$ 0.1131	$ 0.7956	$ 0.0422	$ 0.9509	$ 0.0705	$ 0.7542	$ 0.0474	$ 0.8721
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	$ 534.91			$ 534.91	$ 534.91			$ 534.91
All therms over the first block per month at	$ 0.1190	$ 0.7956	$ 0.0422	$ 0.9568	$ 0.0569	$ 0.7542	$ 0.0474	$ 0.8585
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	$ 534.91			$ 534.91	$ 534.91			$ 534.91
All therms over the first block per month at	$ 0.0411	$ 0.7956	$ 0.0422	$ 0.8789	$ 0.0222	$ 0.7542	$ 0.0474	$ 0.8238

Issued: June 24, 2011
Effective: July 1, 2011

Issued By: Daniel G. Saad KB
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.

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	$	14,754,807			
Projected Prorated Sales (05/01/11 - 10/31/11)		20,033,177			
Direct Cost of Gas Rate			$	0.7365	per therm
Demand Cost of Gas Rate	$	5,040,437	$	0.2516	per therm
Commodity Cost of Gas Rate		10,188,918	$	0.5086	per therm
Adjustment Cost of Gas Rate		(474,548)	$	(0.0237)	per therm
Total Direct Cost of Gas Rate	$	14,754,807	$	0.7365	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**
	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**

Average Demand Cost of Gas Rate Effective 05/01/11	$ 0.2516		
'Times: Low Winter Use Ratio (Summer)	0.9641	Maximum (COG + 25%)	$ 0.9070
Times: Correction Factor	1.00861		
Adjusted Demand Cost of Gas Rate	$ 0.2447		
Commodity Cost of Gas Rate	$ 0.5086		
Adjustment Cost of Gas Rate	$ (0.0237)		
Indirect Cost of Gas Rate	$ 0.0179		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	$ 0.7256		

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**

Average Demand Cost of Gas Rate Effective 05/01/11	$ 0.2516		
'Times: High Winter Use Ratio (Summer)	1.0063	Maximum (COG + 25%)	$ 0.9206
Times: Correction Factor	1.00861		
Adjusted Demand Cost of Gas Rate	$ 0.2554		
Commodity Cost of Gas Rate	$ 0.5086		
Adjustment Cost of Gas Rate	$ (0.0237)		
Indirect Cost of Gas Rate	$ 0.0179		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	$ 0.7365		