ENERGY NORTH NATURAL GAS, INC.
d/b/a National Grid NH
Peak 2011 - 2012 Winter Cost of Gas Filing

Filed Tariff Sheets

Thirty-Eighth Revised Page 1
Check Sheet

Thirty-Eighth Revised Page 3
Check Sheet

Thirty-Eighth Revised Page 76
Firm Rate Schedules

Thirty-Fourth 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
2011 - 2012 Winter Cost of Gas Filing
DG 11-192

April 1, 2012

Under/(Over) Collection as of 03/01/11				$ 3,092,262
Forecasted firm Residential therm sales 04/01/11 - 04/30/12			11,900,423	
Residential Cost of Gas Rate per therm			$ (0.7122)	
Forecasted firm C&I High Winter Use therm sales 04/01/11 - 04/30/12			7,410,194	
C&I- High Winter Use Cost of Gas Rate per therm			$ (0.7125)	
Forecasted firm C&I Low Winter therm sales 04/01/11 - 04/30/12			1,306,540	
C&I- Low Winter Use Cost of Gas Rate per therm			$ (0.7107)	
Forecasted firm Residential therm sales 03/12			3,833,372	
Residential Cost of Gas Rate per therm			$ (0.7070)	
Forecasted firm C&I High Winter Use therm sales 03/12			2,477,915	
C&I- High Winter Use Cost of Gas Rate per therm			$ (0.7073)	
Forecasted firm C&I Low Winter Use therm sales 03/12			362,479	
C&I- Low Winter Use Cost of Gas Rate per therm			$ (0.7055)	
Forecast recovered costs at current rate 03/01/12 - 4/30/12				(19,402,577)
Fixed Price Option	FPO w Premium	FPO Premium	FPO w/o Premium	
13% of Residential Sales	2,623,346	2,623,346	2,623,346	
FPO Residential Cost of Gas Rate per therm	$ (0.8126)	$ (0.0200)	$ (0.7926)	
9% of C&I High Winter Use Sales	1,017,005	1,017,005	1,017,005	
FPO C&I- High Winter Use Cost of Gas Rate per therm	$ (0.8129)	$ (0.0200)	$ (0.7929)	
9% of C&I Low Winter Use Sales	192,483	192,483	192,483	
FPO C&I- Low Winter Use Cost of Gas Rate per therm	$ (0.8111)	$ (0.0200)	$ (0.7911)	
Forecast recovered costs at FPO Rate	(3,114,572)	(76,657)	(3,037,915)	(3,037,915)
Unbilled COG Revenues- 03/01/12 - 4/30/12				6,653,733
Total Forecast recovered Costs				
Revised projected gas costs 03/01/12 - 4/30/12				$ 12,967,504
Estimated interest charged (credited) to customers 03/01/12 - 4/30/12				7,964
Projected under / (over) collection as of 04/30/12 (A)				$ 280,971

Actual Gas Costs through 03/01/12	$ 34,033,247	
Revised projected gas costs 03/01/12 - 4/30/12	12,975,468	
Estimated total adjusted gas costs 11/01/11 - 4/30/12 (B)		$ 47,008,716

Under/ (over) collection as percent of total gas costs (A/B)	0.60%

Projected under / (over) collections as of 4/30/12(A)	$ 280,971
Forecasted Non FPO firm therm sales 04/01/12 - 4/30/12 (C)	8,324,079
Change in rate used to reduce forecast under/(over) collection (A/C)	$ 0.0338
Current Cost of Gas Rate	$ 0.7122
Revised Cost of Gas Rate	$ 0.7460

Revised as follows:
The revised projected gas costs include the April 2012 NYMEX strip as of March 22, 2012.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,286 dated October 31, 2011 in Docket DG 11-192: The Company may adjust the approved cost of gas rate of $0.7926 per therm upwards by no more than plus 25% or $0.1982 per therm. The adjusted cost of gas rate shall not be more than $0.9908 per therm (pursuant to NHPUC NO. 6 Gas section 16(N)).

ENERGYNORTH NATURAL GAS, INC.
Projected Over or Under Collection

Without Rate Adjustment	Oct-11	Nov-11 (Actual)	Dec-11 (Actual)	Jan-12 (Actual)	Feb-12 (Actual)	Mar-12 (estimate)	Apr-12 (estimate)	May-12 (estimate)	Total Peak
Total Demand		$ 1,115,435	$ 844,440	$ 1,143,919	$ 1,115,139	$ 1,331,224	$ 1,230,761		$ 6,780,919
Total Commodity		$ 3,354,601	$ 7,006,940	$ 8,094,025	$ 5,672,957	$ 4,492,074	$ 2,267,683		$ 30,888,280
Hedge Savings		$ 641,252	$ 937,275	$ 1,051,050	$ 1,254,805	$ 1,868,550	$ 862,120		$ 6,615,052
Total Gas Costs		$ 5,111,289	$ 8,788,655	$ 10,288,994	$ 8,042,901	$ 7,691,848	$ 4,360,564		$ 44,284,251
Adjustments and Indirect Costs									
Refunds & Adjustments		($374,555)	($42,800)	$226,022	($50,818)	$0	$0		($242,151)
It Margin		-	-	-	-	-	-		-
Inventory Financing		7,461	20,451	13,012	17,177	6,533	12,846		77,480
Transportation Revenue		-	-	-	-	-	-		-
Broker Revenue		(59,962)	(52,719)	(37,893)	(51,607)	(47,165)	(26,875)		(276,221)
Off System and Capacity Release		(590)	-	-	(3,684)	(12,333)	(12,333)		(28,941)
Fixed Price Option Admin.		-	-	-	-	-	-		-
Bad Debt Costs		136,032	223,310	258,913	205,526	197,283	118,231		1,139,295
Working Capital		6,495	11,169	13,076	10,217	9,775	5,542		56,274
Misc Overhead		1,723	1,723	1,723	1,723	1,723	1,723		10,337
Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071		1,980,428
Total Indirect Costs		$ 46,675	$ 491,205	$ 804,924	$ 458,605	$ 485,887	$ 429,205		$ 2,716,501
Interest		$ 14,244	$ 12,257	$ 10,760	$ 8,523	$ 6,172	$ 1,792		$ 53,747
Total Gas Costs plus Indirect Costs		$ 5,172,207	$ 9,292,117	$ 11,104,678	$ 8,510,029	$ 8,183,908	$ 4,791,561		$ 47,054,499
Collections		$ (1,601,281)	$ (7,236,279)	$ (10,835,373)	$ (10,735,565)	$ (10,997,553)	$ (9,176,360)	$ (2,343,236)	$ (52,925,648)
Less FPO Premium		$ -	$ -	$ -	$ -	$ 37,547	$ 28,846	$ 10,264	$ 76,657
Unbilled		$ (5,043,168)	$ (7,412,361)	$ (8,454,220)	$ (6,653,733)	$ 1,658,567	$ 4,912,506	$ -	$ (20,992,409)
Reverse Prior Month Unbilled		$ -	$ 5,043,168	$ 7,412,361	$ 8,454,220	$ 6,653,733	$ (1,658,567)	$ (4,912,506)	$ 20,992,409
Prior Period	$ 6,075,463	$ (1,472,242)	$ (313,355)	$ (772,554)	$ (425,049)	$ 5,536,201	$ (1,102,014)	$ (7,245,478)	$ 280,971
		$ 4,603,221	$ 4,289,865	$ 3,517,312	$ 3,092,263				
Total Forecasted Sales Volumes		3,232,641	10,373,518	15,597,655	17,080,417	15,224,874	12,680,913	3,217,970	77,407,987
Total Forecasted Collections		($1,601,281)	($7,236,279)	($10,835,373)	($10,735,565)	($10,997,553)	($9,176,360)	($2,343,236)	($52,925,648)

With Rate Adjustment	Oct-11	Nov-11 (Actual)	Dec-11 (Actual)	Jan-12 (Actual)	Feb-12 (Actual)	Mar-12 (estimate)	Apr-12 (estimate)	May-12 (estimate)	Total Peak
Total Demand		$ 1,115,435	$ 844,440	$ 1,143,919	$ 1,115,139	$ 1,331,224	$ 1,230,761		$ 6,780,919
Total Commodity		$ 3,354,601	$ 7,006,940	$ 8,094,025	$ 5,672,957	$ 4,492,074	$ 2,267,683		$ 30,888,280
Hedge Savings		$ 641,252	$ 937,275	$ 1,051,050	$ 1,254,805	$ 1,868,550	$ 862,120		$ 6,615,052
Total Gas Costs		$ 5,111,289	$ 8,788,655	$ 10,288,994	$ 8,042,901	$ 7,691,848	$ 4,360,564		$ 44,284,251
Adjustments and Indirect Costs									
Prior Period Adjustment		($374,555)	($42,800)	$226,022	($50,818)	$0	$0		($242,151)
It Margin		-	-	-	-	-	-		-
Inventory Financing		7,461	20,451	13,012	17,177	6,533	12,846		77,480
Transportation Revenue		-	-	-	-	-	-		-
Broker Revenue		(59,962)	(52,719)	(37,893)	(51,607)	(47,165)	(26,875)		(276,221)
Off System and Capacity Release		(590)	-	-	(3,684)	(12,333)	(12,333)		(28,941)
Fixed Price Option Admin.		-	-	-	-	-	-		-
Bad Debt Costs		136,032	223,310	258,913	205,526	197,283	118,231		1,139,295
Working Capital		6,495	11,169	13,076	10,217	9,775	5,542		56,274
Misc Overhead		1,723	1,723	1,723	1,723	1,723	1,723		10,337
'Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071		1,980,428
Total Indirect Costs		$ 46,675	$ 491,205	$ 804,924	$ 458,605	$ 485,887	$ 429,205		$ 2,716,501
Interest		$ 14,244	$ 12,257	$ 10,760	$ 8,523	$ 6,172	$ 1,792		$ 53,747
Total Gas Costs plus Indirect Costs		$ 5,172,207	$ 9,292,117	$ 11,104,678	$ 8,510,029	$ 8,183,908	$ 4,791,561		$ 47,054,499
Collections		$ (1,601,281)	$ (7,236,279)	$ (10,835,373)	$ (10,735,565)	$ (10,997,553)	$ (9,366,034)	$ (2,434,533)	$ (53,206,619)
Less FPO Premium		$ -	$ -	$ -	$ -	$ 37,547	$ 28,846	$ 10,264	$ 76,657
Unbilled		$ (5,043,168)	$ (7,412,361)	$ (8,454,220)	$ (6,653,733)	$ (5,546,253)	$ (2,400,465)	$ -	$ (35,510,200)
Reverse Prior Month Unbilled		$ -	$ 5,043,168	$ 7,412,361	$ 8,454,220	$ 6,653,733	$ 5,546,253	$ 2,400,465	$ 35,510,200
Prior Period	$ 6,075,463	$ (1,472,242)	$ (313,355)	$ (772,554)	$ (425,049)	$ (1,668,619)	$ (1,399,840)	$ (23,804)	$ 0
		$ 4,603,221	$ 4,289,865	$ 3,517,312	$ 3,092,263				
Total Forecasted Sales Volumes		3,232,641	10,373,518	15,597,655	17,080,417	15,224,874	12,680,913	3,217,970	77,407,987
Total Forecasted Collections		$ (1,601,281)	$ (7,236,279)	$ (10,835,373)	$ (10,735,565)	$ (10,997,553)	$ (9,366,034)	$ (2,434,533)	($53,206,619)