

**ENERGYNORTH NATURAL GAS, INC.**

Calculation of the Projected Over or Under Collection of the  
2013 - 2014 Winter Cost of Gas Filing  
DG 13-251

**Feb Trigger**

Under/(Over) Collection as of 1/01/14					\$ 8,605,182
Forecasted firm Residential therm sales 01/01/14 - 04/30/14					31,894,286
January Residential Cost of Gas Rate per therm				\$	(1.0196)
Forecasted firm C&I High Winter Use therm sales 01/01/14 - 04/30/14					18,367,719
January C&I- High Winter Use Cost of Gas Rate per therm				\$	(1.0209)
Forecasted firm C&I Low Winter therm sales 01/01/14 - 04/30/14					2,475,820
January C&I- Low Winter Use Cost of Gas Rate per therm				\$	(1.0108)
Forecast recovered costs at current rate 01/01/14 - 4/30/14					(53,773,577)
<b>Fixed Price Option (volumes from January to April)</b>					
	<b>FPO w Premium</b>	<b>FPO Premium</b>	<b>FPO w/o Premium</b>		
13% of Residential Sales (rates R1, R3 and R4)	6,115,790	6,115,790	5,138,085		
FPO Residential Cost of Gas Rate per therm	\$ (0.9095)	\$ (0.0200)	\$ (0.8895)		
9% of C&I High Winter Use Sales (rates 41, 42 and 43)	1,405,299	1,405,299	1,193,382		
FPO C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.9108)	\$ (0.0200)	\$ (0.8908)		
9% of C&I Low Winter Use Sales (rates 51, 52, 53 and 54)	193,683	193,683	160,858		
FPO C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.9007)	\$ (0.0200)	\$ (0.8807)		
Forecast recovered costs at FPO Rate	(7,016,707)	(154,295)	(5,775,058)		(5,775,058)
Total Forecast recovered Costs					
Revised projected gas costs 01/01/14 - 4/30/14					\$ 63,823,200
Estimated interest charged (credited) to customers 01/01/14 - 4/30/14					21,636
Projected under / (over) collection as of 04/30/14 (A)					\$ 12,901,382

Actual Gas Costs through 01/01/14	\$ 18,646,020
Revised projected gas costs 01/01/14 - 4/30/14	<u>63,844,836</u>
Estimated total adjusted gas costs 01/01/14 - 4/30/14 (B)	\$ 82,490,856

Under/ (over) collection as percent of total gas costs (A/B) 15.64%

Projected under / (over) collections as of 4/30/14(A)	\$ 12,901,382
Forecasted Non FPO firm therm sales 02/01/14 - 4/30/14 (C)	38,518,651
Change in residential rate used to reduce forecast under/(over) collection (A/C)	\$ 0.0923
Current Residential Cost of Gas Rate	\$ 1.0196
Revised Residential Cost of Gas Rate	incremental change 9.1% \$ 1.1119
Cap - Residential Cost of Gas Rate	cumulative change 25.0% \$ 1.1119

Revised as follows:

The revised projected gas costs include the January closing NYMEX price and the February - April 2014 NYMEX 15-day strip as of January 23, 2014.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,591 dated October 31, 2013 in Docket DG 13-251: The Company may adjust the approved residential cost of gas rate of \$0.8895 per therm upwards by no more than plus 25% or \$0.2224 per therm. The adjusted residential cost of gas rate shall not be more than \$1.1119 per therm (pursuant to NHPUC NO. 7 Gas section 16(N)).

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

<b>Without Rate Adjustment</b>	Oct-12 (actual)	Nov-13 (adjusted)	Dec-13 (estimate)	Jan-14 (estimate)	Feb-14 (estimate)	Mar-14 (estimate)	Apr-14 (estimate)	Total Peak	
<b>Total Demand</b>	\$ (0)	\$ 1,368,581	\$ 1,368,608	\$ 1,368,608	\$ 1,368,527	\$ 1,368,608	\$ 1,139,075	\$ 7,982,007	
<b>Total Commodity</b>		\$ 4,597,341	\$ 10,426,701	\$ 22,565,845	\$ 22,152,901	\$ 8,298,343	\$ 3,528,098	\$ 71,569,230	
<b>Hedge Loss (Savings)</b>		\$ 103,976	\$ 67,696	\$ (153,108)	\$ (107,321)	\$ (136,752)	\$ (64,340)	\$ (289,849)	
<b>Total Gas Costs</b>	\$ (0)	\$ 6,069,899	\$ 11,863,005	\$ 23,781,345	\$ 23,414,107	\$ 9,530,199	\$ 4,602,833	\$ 79,261,387	
<b>Adjustments and Indirect Costs</b>									
Refunds & Adjustments		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
It Margin		-	-	-	-	-	-	-	
net option premiums		43,550	40,790	30,860	31,110	25,185	26,340	197,835	
Transportation Revenue		(13,121)	(17,155)	(20,401)	(22,087)	(20,642)	(17,107)	(110,513)	
Broker Revenue	-	(26,420)	(145,291)	(57,798)	(260,455)	(87,418)	(56,671)	(634,054)	
Off System and Capacity Release	-	(4,620)	(91,579)	(9,523)	(8,400)	(52,002)	(12,378)	(178,502)	
Fixed Price Option Admin.		45,056	-	-	-	-	-	45,056	
Bad Debt Costs	(0)	136,222	266,233	533,707	525,466	213,879	103,298	1,778,805	
Working Capital	(0)	8,846	17,288	34,657	34,122	13,889	6,708	115,509	
Misc Overhead	(0)	794	1,552	3,111	3,063	1,247	602	10,369	
Production & Storage	(0)	151,663	296,409	594,202	585,026	238,122	115,007	1,980,428	
<b>Total Indirect Costs</b>	\$ (0)	\$ 341,970	\$ 368,247	\$ 1,108,814	\$ 887,845	\$ 332,259	\$ 165,798	\$ 3,204,933	
Interest		\$ 7,839	\$ (4,940)	\$ (5,797)	\$ 9,208	\$ 14,160	\$ 4,065	\$ 24,535	
<b>Total Gas Costs plus Indirect Costs</b>	\$ (0)	\$ 6,419,708	\$ 12,226,313	\$ 24,884,362	\$ 24,311,159	\$ 9,876,618	\$ 4,772,696	\$ 82,490,856	
Collections, including unbilled		\$(5,209,312)	\$(9,860,658)	\$(16,083,171)	\$(16,951,818)	\$(14,808,476)	\$(11,835,017)	\$(74,748,452)	
Less FPO Premium		\$ 12,573	\$ 24,449	\$ 34,847	\$ 36,776	\$ 32,461	\$ 25,762	\$ 166,869	
Unbilled		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reverse Prior Month Unbilled		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prior Period	\$ 4,992,110	\$ 1,222,968	\$ 2,390,104	\$ 8,836,038	\$ 7,396,118	\$ (4,899,397)	\$ (7,036,559)	\$ 12,901,382	
		\$ 6,215,078	\$ 8,605,182	\$ 17,441,220	\$ 24,837,338	\$ 19,937,941	\$ 12,901,382		
Total Forecasted Sales Volumes		5,843,131	11,058,379	15,961,513	16,823,637	14,698,796	11,746,204	76,131,660	average
Total Forecasted Collections		\$(5,209,312)	\$(9,860,658)	\$(16,083,171)	\$(16,951,818)	\$(14,808,476)	\$(11,835,017)	\$(74,748,452)	per therm \$0.9818
<b>With Rate Adjustment</b>	Oct-12	Nov-13 (adjusted)	Dec-13 (estimate)	Jan-14 (estimate)	Feb-14 (estimate)	Mar-14 (estimate)	Apr-14 (estimate)	Total Peak	
<b>Total Demand</b>		\$ 1,368,581	\$ 1,368,608	\$ 1,368,608	\$ 1,368,527	\$ 1,368,608	\$ 1,139,075	\$ 7,982,007	
<b>Total Commodity</b>		\$ 4,597,341	\$ 10,426,701	\$ 22,565,845	\$ 22,152,901	\$ 8,298,343	\$ 3,528,098	\$ 71,569,230	
<b>Hedge Savings</b>		\$ 103,976	\$ 67,696	\$ (153,108)	\$ (107,321)	\$ (136,752)	\$ (64,340)	\$ (289,849)	
<b>Total Gas Costs</b>		\$ 6,069,899	\$ 11,863,005	\$ 23,781,345	\$ 23,414,107	\$ 9,530,199	\$ 4,602,833	\$ 79,261,388	
<b>Adjustments and Indirect Costs</b>									
Prior Period Adjustment		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
It Margin		-	-	-	-	-	-	-	
Inventory Financing		43,550	40,790	30,860	31,110	25,185	26,340	197,835	
Transportation Revenue		(13,121)	(17,155)	(20,401)	(22,087)	(20,642)	(17,107)	(110,513)	
Broker Revenue		(26,420)	(145,291)	(57,798)	(260,455)	(87,418)	(56,671)	(634,054)	
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Fixed Price Option Admin.		45,056	-	-	-	-	-	45,056	
Bad Debt Costs		136,222	266,233	533,707	525,466	213,879	103,298	1,778,805	
Working Capital		8,846	17,288	34,657	34,122	13,889	6,708	115,509	
Misc Overhead		794	1,552	3,111	3,063	1,247	602	10,369	
Production & Storage		151,663	296,409	594,202	585,026	238,122	115,007	1,980,428	
<b>Total Indirect Costs</b>		\$ 341,970	\$ 368,247	\$ 1,108,814	\$ 887,845	\$ 332,259	\$ 165,798	\$ 3,204,933	
Interest		\$ 7,839	\$ (4,940)	\$ (5,797)	\$ 9,208	\$ 14,160	\$ 4,065	\$ 24,535	
<b>Total Gas Costs plus Indirect Costs</b>		\$ 6,419,708	\$ 12,226,313	\$ 24,884,362	\$ 24,311,159	\$ 9,876,618	\$ 4,772,696	\$ 82,490,856	
Collections, including unbilled		\$(5,209,312)	\$(9,860,658)	\$(16,083,171)	\$(18,334,917)	\$(16,015,366)	\$(12,800,300)	\$(78,303,724)	
Less FPO Premium		\$ 12,573	\$ 24,449	\$ 34,847	\$ 36,776	\$ 32,461	\$ 25,762	\$ 166,869	
Unbilled		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reverse Prior Month Unbilled		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Prior Period	\$ 4,992,110	\$ 1,222,968	\$ 2,390,104	\$ 8,836,038	\$ 6,013,019	\$ (6,106,287)	\$ (8,001,841)	\$ 9,346,111	
		\$ 6,215,078	\$ 8,605,182	\$ 17,441,220	\$ 23,454,239	\$ 17,347,952	\$ 9,346,111		
Total Forecasted Sales Volumes		5,843,131	11,058,379	15,961,513	16,823,637	14,698,796	11,746,204	76,131,660	average
Total Forecasted Collections		\$(5,209,312)	\$(9,860,658)	\$(16,083,171)	\$(18,334,917)	\$(16,015,366)	\$(12,800,300)	\$(78,303,724)	per therm \$1.0285