

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)
<u>Fixed Price Option (volumes from January to April)</u>	<u>FPO w Premium</u>	<u>FPO Premium</u>	<u>FPO w/o Premium</u>		
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	63,844,836
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%
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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

Without Rate Adjustment	Oct-12 (actual)	Nov-13 (adjusted)	Dec-13 (estimate)	Jan-14 (estimate)	Feb-14 (estimate)	Mar-14 (estimate)	Apr-14 (estimate)	Total Peak	
Total Demand	\$ (0)	\$ 1,368,581	\$ 1,368,608	\$ 1,368,608	\$ 1,368,527	\$ 1,368,608	\$ 1,139,075	\$ 7,982,007	
Total Commodity		\$ 4,597,341	\$ 10,426,701	\$ 22,565,845	\$ 22,152,901	\$ 8,298,343	\$ 3,528,098	\$ 71,569,230	
Hedge Loss (Savings)		\$ 103,976	\$ 67,696	\$ (153,108)	\$ (107,321)	\$ (136,752)	\$ (64,340)	\$ (289,849)	
Total Gas Costs	\$ (0)	\$ 6,069,899	\$ 11,863,005	\$ 23,781,345	\$ 23,414,107	\$ 9,530,199	\$ 4,602,833	\$ 79,261,387	
Adjustments and Indirect Costs									
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	
Total Indirect Costs	\$ (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	
Total Gas Costs plus Indirect Costs	\$ (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
With Rate Adjustment									
	Oct-12	Nov-13 (adjusted)	Dec-13 (estimate)	Jan-14 (estimate)	Feb-14 (estimate)	Mar-14 (estimate)	Apr-14 (estimate)	Total Peak	
Total Demand		\$ 1,368,581	\$ 1,368,608	\$ 1,368,608	\$ 1,368,527	\$ 1,368,608	\$ 1,139,075	\$ 7,982,007	
Total Commodity		\$ 4,597,341	\$ 10,426,701	\$ 22,565,845	\$ 22,152,901	\$ 8,298,343	\$ 3,528,098	\$ 71,569,230	
Hedge Savings		\$ 103,976	\$ 67,696	\$ (153,108)	\$ (107,321)	\$ (136,752)	\$ (64,340)	\$ (289,849)	
Total Gas Costs		\$ 6,069,899	\$ 11,863,005	\$ 23,781,345	\$ 23,414,107	\$ 9,530,199	\$ 4,602,833	\$ 79,261,388	
Adjustments and Indirect Costs									
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)	
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		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	
Total Indirect Costs	\$ 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	
Total Gas Costs plus Indirect Costs		\$ 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

EnergyNorth Natural Gas, Inc.
Revised Winter Rates - Effective March 2014
Scenarios for Recovering Projected Under Collection

Estimated undercollection after increasing CGA rates to cap \$ 9,346,111

	<u>Therms</u>	<u>Percentage</u>	<u>Estimated Under-Collection Allocation</u>	<u>\$ per therm increase</u>
Estimated non-FPO sales volumes for remainder of current winter period:				
March	13,075,735	18.5%	\$ 1,729,213	
April	10,458,098	14.8%	1,383,041	
	<u>23,533,834</u>	<u>33.3%</u>	<u>3,112,255</u>	\$ 0.1322
Estimated total sales volumes for next summer period:				
May	-	0.0%	-	
June	-	0.0%	-	
July	-	0.0%	-	
August	-	0.0%	-	
September	-	0.0%	-	
October	-	0.0%	-	
	<u>-</u>	<u>0.0%</u>	<u>-</u>	
Estimated total sales volumes for next winter period:				
November	5,843,131	5.1%	478,451	
December	11,058,379	9.7%	905,488	
January	15,961,513	14.0%	1,306,970	
February	16,823,637	14.7%	1,377,563	
March	14,698,796	12.9%	1,203,575	
April	11,746,204	10.3%	961,809	
	<u>76,131,660</u>	<u>66.700%</u>	<u>6,233,856</u>	\$ 0.0819
Total billable sales volumes	<u>99,665,493</u>	<u>100.0%</u>	<u>\$ 9,346,111</u>	

EnergyNorth Natural Gas, Inc.
Revised Winter Rates - Effective March 2014
Scenarios for Recovering Projected Under Collection

Estimated undercollection after increasing CGA rates to cap \$ 9,346,111

	<u>Therms</u>	<u>Percentage</u>	<u>Estimated Under-Collection Allocation</u>	<u>\$ per therm increase</u>
Estimated non-FPO sales volumes for remainder of current winter period:				
March	13,075,735	10.9%	\$ 1,018,037	
April	10,458,098	8.7%	814,236	
	<u>23,533,834</u>	<u>19.6%</u>	<u>1,832,273</u>	\$ 0.0779
Estimated total sales volumes for next summer period:				
May	6,548,795	5.5%	509,869	
June	4,626,043	3.9%	360,170	
July	2,288,364	1.9%	178,165	
August	1,880,713	1.6%	146,427	
September	1,990,451	1.7%	154,971	
October	3,042,184	2.5%	236,855	
	<u>20,376,551</u>	<u>17.0%</u>	<u>1,586,457</u>	\$ 0.0779
Estimated total sales volumes for next winter period:				
November	5,843,131	4.9%	454,929	
December	11,058,379	9.2%	860,972	
January	15,961,513	13.3%	1,242,715	
February	16,823,637	14.0%	1,309,838	
March	14,698,796	12.2%	1,144,404	
April	11,746,204	9.8%	914,524	
	<u>76,131,660</u>	<u>63.4%</u>	<u>5,927,381</u>	\$ 0.0779
Total billable sales volumes	<u>120,042,045</u>	<u>100.0%</u>	<u>\$ 9,346,111</u>	

EnergyNorth Natural Gas, Inc.
Revised Winter Rates - Effective March 2014
Scenarios for Recovering Projected Under Collection

Estimated undercollection after increasing CGA rates to cap \$ 9,346,111

	<u>Therms</u>	<u>Percentage</u>	<u>Estimated Under-Collection Allocation</u>	<u>\$ per therm increase</u>
Estimated non-FPO sales volumes for remainder of current winter period:				
March	13,075,735	13.1%	\$ 1,226,174	
April	10,458,098	10.5%	980,706	
	<u>23,533,834</u>	<u>23.6%</u>	<u>2,206,880</u>	\$ 0.0938
Estimated total sales volumes for next summer period:				
May	-	0.0%	-	
June	-	0.0%	-	
July	-	0.0%	-	
August	-	0.0%	-	
September	-	0.0%	-	
October	-	0.0%	-	
	<u>-</u>	<u>0.0%</u>	<u>-</u>	
Estimated total sales volumes for next winter period:				
November	5,843,131	5.9%	547,938	
December	11,058,379	11.1%	1,036,997	
January	15,961,513	16.0%	1,496,788	
February	16,823,637	16.9%	1,577,633	
March	14,698,796	14.7%	1,378,377	
April	11,746,204	11.8%	1,101,498	
	<u>76,131,660</u>	<u>76.4%</u>	<u>7,139,231</u>	\$ 0.0938
Total billable sales volumes	<u>99,665,493</u>	<u>100.0%</u>	<u>\$ 9,346,111</u>	

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EnergyNorth Natural Gas Inc
Revised Winter Rates - Effective March 2014
Total Bill Impact
Rates R-3, G-41, G-42 and G-52

R-3

USE:	108	THERMS			
CUSTOMER CHARGE					\$17.40
FIRST	100	@	\$0.2752	=	\$27.52
REMAINDER	8	@	\$0.2274	=	<u>\$1.82</u>
					\$46.74
CGA - initial rate effective 11/1/13	108	@	\$0.8895	=	\$96.07
LDAC	108	@	\$0.0290	=	<u>\$3.13</u>
TOTAL BILL					<u>\$145.94</u>

R-3

USE:	108	THERMS			
CUSTOMER CHARGE					\$17.40
FIRST	100	@	\$0.2752	=	\$27.52
REMAINDER	8	@	\$0.2274	=	<u>\$1.82</u>
					\$46.74
CGA - February rate (cap)	108	@	\$1.1119	=	\$120.09
LDAC	108	@	\$0.0290	=	<u>\$3.13</u>
TOTAL BILL					<u>\$169.96</u>

R-3

USE:	108	THERMS			
CUSTOMER CHARGE					\$17.40
FIRST	100	@	\$0.2752	=	\$27.52
REMAINDER	8	@	\$0.2274	=	<u>\$1.82</u>
					\$46.74
CGA - proposed March rate (\$0.1322 increase)	108	@	\$1.2441	=	\$134.36
LDAC	108	@	\$0.0290	=	<u>\$3.13</u>
TOTAL BILL					<u>\$184.23</u>

increase from previous month	\$14.28	8.4%
cumulative increase	\$38.30	26.2%

EnergyNorth Natural Gas Inc
Revised Winter Rates - Effective March 2014
Total Bill Impact
Rates R-3, G-41, G-42 and G-52

G-41

USE:	318	THERMS		
CUSTOMER CHARGE				\$40.94
FIRST	100	@	\$0.3267 =	\$32.67
REMAINDER	218	@	\$0.2125 =	<u>\$46.33</u>
				\$119.94
CGA - initial rate effective 11/1/13	318	@	\$0.8908 =	\$283.27
LDAC	318	@	\$0.0357 =	\$11.35
TOTAL BILL				<u>\$414.56</u>

G-41

USE:	318	THERMS		
CUSTOMER CHARGE				\$40.94
FIRST	100	@	\$0.3267 =	\$32.67
REMAINDER	218	@	\$0.2125 =	<u>\$46.33</u>
				\$119.94
CGA - February rate (cap)	318	@	\$1.1135 =	\$354.09
LDAC	318	@	\$0.0357 =	\$11.35
TOTAL BILL				<u>\$485.38</u>

G-41

USE:	318	THERMS		
CUSTOMER CHARGE				\$40.94
FIRST	100	@	\$0.3267 =	\$32.67
REMAINDER	218	@	\$0.2125 =	<u>\$46.33</u>
				\$119.94
CGA - proposed March rate (\$0.1322 increase)	318	@	\$1.2457 =	\$396.13
LDAC	318	@	\$0.0357 =	\$11.35
TOTAL BILL				<u>\$527.42</u>

increase from previous month	\$42.04	8.7%
cumulative increase	\$112.86	27.2%

EnergyNorth Natural Gas Inc
Revised Winter Rates - Effective March 2014
Total Bill Impact
Rates R-3, G-41, G-42 and G-52

G-42

USE:	2,189	THERMS		
CUSTOMER CHARGE				\$122.81
FIRST	1,000	@	\$0.3053	= \$305.30
REMAINDER	1,189	@	\$0.2017	= <u>\$239.82</u>
				\$667.93
CGA - initial rate effective 11/1/13	2,189	@	\$0.8908	= \$1,949.96
LDAC	2,189	@	\$0.0357	= \$78.15
TOTAL BILL				<u>\$2,696.04</u>

G-42

USE:	2,189	THERMS		
CUSTOMER CHARGE				\$122.81
FIRST	1,000	@	\$0.3053	= \$305.30
REMAINDER	1,189	@	\$0.2017	= <u>\$239.82</u>
				\$667.93
CGA - February rate (cap)	2,189	@	\$1.1135	= \$2,437.45
LDAC	2,189	@	\$0.0357	= \$78.15
TOTAL BILL				<u>\$3,183.53</u>

G-42

USE:	2,189	THERMS		
CUSTOMER CHARGE				\$122.81
FIRST	1,000	@	\$0.3053	= \$305.30
REMAINDER	1,189	@	\$0.2017	= <u>\$239.82</u>
				\$667.93
CGA - proposed March rate (\$0.1322 increase)	2,189	@	\$1.2457	= \$2,726.84
LDAC	2,189	@	\$0.0357	= \$78.15
TOTAL BILL				<u>\$3,472.92</u>

increase from previous month	\$289.39	9.1%
cumulative increase	\$776.88	28.8%

EnergyNorth Natural Gas Inc
Revised Winter Rates - Effective March 2014
Total Bill Impact
Rates R-3, G-41, G-42 and G-52

G-52

USE:	1,703	THERMS		
CUSTOMER CHARGE				\$122.81
FIRST	1,000	@	\$0.1691	= \$169.10
REMAINDER	703	@	\$0.1147	= <u>\$80.63</u>
				\$372.54
CGA - initial rate effective 11/1/13	1,703	@	\$0.8807	= \$1,499.83
LDAC	1,703	@	\$0.0357	= \$60.80
TOTAL BILL				<u>\$1,933.17</u>

G-52

USE:	1,703	THERMS		
CUSTOMER CHARGE				\$122.81
FIRST	1,000	@	\$0.1691	= \$169.10
REMAINDER	703	@	\$0.1147	= <u>\$80.63</u>
				\$372.54
CGA - February rate (cap)	1,703	@	\$1.1009	= \$1,874.83
LDAC	1,703	@	\$0.0357	= \$60.80
TOTAL BILL				<u>\$2,308.17</u>

G-52

USE:	1,703	THERMS		
CUSTOMER CHARGE				\$122.81
FIRST	1,000	@	\$0.1691	= \$169.10
REMAINDER	703	@	\$0.1147	= <u>\$80.63</u>
				\$372.54
CGA - proposed March rate (\$0.1322 increase)	1,703	@	\$1.2331	= \$2,099.97
LDAC	1,703	@	\$0.0357	= \$60.80
TOTAL BILL				<u>\$2,533.31</u>

increase from previous month	\$225.14	9.8%
cumulative increase	\$600.14	31.0%