

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP. Calculation of the Projected Over or Under Collection of the 2013 - 2014 Winter Cost of Gas Filing DG 13-251				Feb Trigger	Mar Trigger
Under/(Over) Collection as of 2/01/14				\$ 8,605,182	\$ 17,442,978
Forecasted firm Residential therm sales 02/01/14 - 04/30/14				31,894,286	23,379,440
January Residential Cost of Gas Rate per therm				\$ (1,0196)	\$ (1,1119)
Forecasted firm C&I High Winter Use therm sales 02/01/14 - 04/30/14				18,367,719	13,337,757
January C&I- High Winter Use Cost of Gas Rate per therm				\$ (1,0209)	\$ (1,1132)
Forecasted firm C&I Low Winter therm sales 02/01/14 - 04/30/14				2,475,820	1,801,455
January C&I- Low Winter Use Cost of Gas Rate per therm				\$ (1,0108)	\$ (1,1031)
Forecast recovered costs at current rate 02/01/14 - 4/30/14				(53,773,577)	(42,830,374)
<u>Fixed Price Option (volumes from February to April)</u>	<u>FPO w Premium</u>	<u>FPO Premium</u>	<u>FPO w/o 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		3,766,366
FPO Residential Cost of Gas Rate per therm	\$ (0.9095)	\$ (0.0200)	\$ (0.8895)		\$ (0.8895)
9% of C&I High Winter Use Sales (rates 41, 42 and 43)	1,405,299	1,405,299	1,193,382		866,576
FPO C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.9108)	\$ (0.0200)	\$ (0.8908)		\$ (0.8908)
9% of C&I Low Winter Use Sales (rates 51, 52, 53 and 54)	193,683	193,683	160,858		117,044
FPO C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.9007)	\$ (0.0200)	\$ (0.8807)		\$ (0.8807)
Forecast recovered costs at FPO Rate	(7,016,707)	(154,295)	(5,775,058)	(5,775,058)	(4,225,209)
Total Forecast recovered Costs					
Revised projected gas costs 02/01/14 - 4/30/14				\$ 63,823,200	\$ 38,823,915
Estimated interest charged (credited) to customers 02/01/14 - 4/30/14				21,636	25,203
Projected under / (over) collection as of 04/30/14 (A)				\$ 12,901,382	\$ 9,236,513

Actual Gas Costs through 02/01/14	\$ 18,646,020	\$ 43,532,140
Revised projected gas costs 02/01/14 - 4/30/14	63,844,836	38,849,118
Estimated total adjusted gas costs 11/01/13 - 4/30/14 (B)	\$ 82,490,856	\$ 82,381,258

Under/ (over) collection as percent of total gas costs (A/B)	15.64%	11.21%
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Projected under / (over) collections as of 4/30/14(A)	\$ 12,901,382	\$ 9,236,513
Forecasted Non FPO firm therm sales 03/01/14 - 4/30/14 (C)	38,518,651	38,518,651
Change in residential rate used to reduce forecast under/(over) collection (A/C)	\$ 0.0923	\$ (0.0000)
Current Residential Cost of Gas Rate	\$ 1.0196	\$ 1.1119
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 February closing NYMEX price and the March - April 2014 NYMEX 15-day strip as of February 20, 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)).

**LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP.**  
**Projected Over or Under Collection**

<b>Without Rate Adjustment</b>	Oct-12 (actual)	Nov-13 (estimate)	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	\$ 21,942,633	\$ 9,063,194	\$ 3,873,382	\$ 72,469,096
<b>Hedge Loss (Savings)</b>		\$ 103,976	\$ 67,696	\$ (153,108)	\$ (595,988)	\$ (524,011)	\$ (193,634)	\$ (1,295,069)
<b>Total Gas Costs</b>	\$ (0)	\$ 6,069,899	\$ 11,863,005	\$ 23,781,345	\$ 22,715,172	\$ 9,907,791	\$ 4,818,822	\$ 79,156,034
<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)	136,243	266,274	533,790	509,859	222,388	108,162	1,776,716
Working Capital	(0)	8,847	17,291	34,663	33,109	14,441	7,024	115,376
Misc Overhead	(0)	795	1,554	3,115	2,976	1,298	631	10,369
Production & Storage	(0)	151,865	296,804	594,992	568,318	247,886	120,564	1,980,428
<b>Total Indirect Costs</b>	\$ (0)	\$ 342,196	\$ 368,688	\$ 1,109,698	\$ 854,429	\$ 351,136	\$ 176,564	\$ 3,202,711
Interest		\$ 7,856	\$ (4,878)	\$ (5,667)	\$ 8,491	\$ 12,963	\$ 3,750	\$ 22,513
<b>Total Gas Costs plus Indirect Costs</b>	\$ (0)	\$ 6,419,950	\$ 12,226,815	\$ 24,885,375	\$ 23,578,092	\$ 10,271,889	\$ 4,999,137	\$ 82,381,258
Collections, including unbilled		\$(5,209,312)	\$(9,860,658)	\$(16,083,171)	\$(18,334,994)	\$(16,015,323)	\$(12,800,305)	\$(78,303,762)
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	\$ 1,223,211	\$ 2,390,606	\$ 8,837,051	\$ 5,279,875	\$ (5,710,972)	\$ (7,775,406)	\$ 9,236,475
		\$ 6,215,321	\$ 8,605,926	\$ 17,442,978	\$ 22,722,853	\$ 17,011,880	\$ 9,236,475	
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
Total Forecasted Collections		\$(5,209,312)	\$(9,860,658)	\$(16,083,171)	\$(18,334,994)	\$(16,015,323)	\$(12,800,305)	\$(78,303,762)
<b>With Rate Adjustment</b>	Oct-12	Nov-13 (estimate)	Dec-13 (estimate)	Jan-14 (estimate)	Feb-14 (estimate)	Mar-14 (estimate)	Apr-14 (estimate)	Total Peak
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<b>Total Commodity</b>		\$ 4,597,341	\$ 10,426,701	\$ 22,565,845	\$ 21,942,633	\$ 9,063,194	\$ 3,873,382	\$ 72,469,096
<b>Hedge Savings</b>		\$ 103,976	\$ 67,696	\$ (153,108)	\$ (595,988)	\$ (524,011)	\$ (193,634)	\$ (1,295,069)
<b>Total Gas Costs</b>		\$ 6,069,899	\$ 11,863,005	\$ 23,781,345	\$ 22,715,172	\$ 9,907,791	\$ 4,818,822	\$ 79,156,034
<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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Prior Period	\$ 4,992,110	\$ 1,223,211	\$ 2,390,606	\$ 8,837,051	\$ 5,279,952	\$ (5,711,016)	\$ (7,775,401)	\$ 9,236,513
		\$ 6,215,321	\$ 8,605,926	\$ 17,442,978	\$ 22,722,930	\$ 17,011,913	\$ 9,236,513	
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