

**LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP.**  
**Calculation of the Projected Over or Under Collection of the**  
**2014 - 2015 Winter Cost of Gas Filing**  
**DG 14-220**

**Feb Trigger**

Under/(Over) Collection as of 1/01/15					\$ 11,708,794
Forecasted firm Residential therm sales 2/01/15 - 04/30/15				21,420,272	
January Residential Cost of Gas Rate per therm				\$ (1.0699)	
Forecasted firm C&I High Winter Use therm sales 2/01/15 - 04/30/15				13,363,735	
January C&I- High Winter Use Cost of Gas Rate per therm				\$ (1.0735)	
Forecasted firm C&I Low Winter therm sales 2/01/15 - 04/30/14				1,958,751	
January C&I- Low Winter Use Cost of Gas Rate per therm				\$ (1.0453)	
Forecasted firm Residential therm sales 1/15				10,638,842	
December Residential Cost of Gas Rate per therm				\$ (1.1630)	
Forecasted firm C&I High Winter Use therm sales 1/15				5,106,226	
December C&I- High Winter Use Cost of Gas Rate per therm				\$ (1.1666)	
Forecasted firm C&I Low Winter Use therm sales 1/15				595,986	
December C&I- Low Winter Use Cost of Gas Rate per therm				\$ (1.1384)	
Forecast recovered costs at current rate 1/01/15 - 4/30/15					(58,319,368)
<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>		
14% of Residential Sales (rates R1, R3 and R4)	4,596,810	4,596,810	4,596,810		
FPO Residential Cost of Gas Rate per therm	\$ (1.2425)	\$ (0.0795)	\$ (1.1630)		
Forecast recovered costs at FPO Rate	(5,711,537)	(365,446)	(5,346,090)		(5,346,090)
Unbilled COG Revenues- 1/01/15 - 4/30/15					-
Total Forecast recovered Costs					
Revised projected gas costs 1/01/15 - 4/30/15					\$ 46,536,613
Estimated interest charged (credited) to customers 1/01/15 - 4/30/15					55,270
Projected under / (over) collection as of 04/30/15 (A)					\$ (5,364,782)

Actual Gas Costs through 1/01/15	\$ 18,036,127
Revised projected gas costs 1/01/15 - 4/30/15	<u>46,591,882</u>
Estimated total adjusted gas costs 11/01/14 - 4/30/15 (B)	\$ <u>64,628,009</u>

Under/ (over) collection as percent of total gas costs (A/B)	-8.30%
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Projected under / (over) collections as of 4/30/15(A)	\$ (5,364,782)
Forecasted Non FPO firm therm sales 2/01/15 - 4/30/15 (C)	36,742,758
Change in residential rate used to reduce forecast under/(over) collection (A/C)	\$ (0.1460)
Current Residential Cost of Gas Rate	\$ 1.0699
Revised Residential Cost of Gas Rate	incremental change -13.6% \$ 0.9239
Cap - Residential Cost of Gas Rate	cumulative change 25.0% \$ 1.4538

Revised as follows:

The revised projected gas costs include the January closing NYMEX price and the February - April 2015 NYMEX strip as of January 16, 2015.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,730 dated October 31, 2014 in Docket DG 14-220: The Company may adjust the approved residential cost of gas rate of \$1.1630 per therm upwards by no more than plus 25% or \$0.2908 per therm. The adjusted residential cost of gas rate shall not be more than \$1.4538 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>	Nov-14 (estimate)	Dec-14 (estimate)	Jan-15 (estimate)	Feb-15 (estimate)	Mar-15 (estimate)	Apr-15 (estimate)	Total Peak
<b>Total Demand</b>	\$ 1,123,585	\$ 1,550,616	\$ 1,550,616	\$ 1,550,616	\$ 1,123,585	\$ 1,123,585	\$ 8,022,603
<b>Total Commodity</b>	\$ 2,814,221	\$ 11,778,141	\$ 18,524,658	\$ 12,170,105	\$ 6,258,221	\$ 3,013,684	\$ 54,559,030
<b>Hedge Loss (Savings)</b>	\$ 57,168	\$ 35,608	\$ 73,494	\$ 123,596	\$ 129,662	\$ 66,467	\$ 485,996
<b>Total Gas Costs</b>	\$ 3,994,974	\$ 13,364,366	\$ 20,148,768	\$ 13,844,317	\$ 7,511,468	\$ 4,203,737	\$ 63,067,629
<b>Adjustments and Indirect Costs</b>							
Refunds & Adjustments	-	-	-	-	-	-	-
It Margin	-	-	-	-	-	-	-
net option premiums	43,550	40,790	30,860	31,110	25,185	26,340	197,835
Transportation Revenue	(25,211)	(34,063)	(42,153)	(45,754)	(43,561)	(38,794)	(229,535)
Broker Revenue	(26,420)	(96,625)	(60,516)	(331,915)	(365,464)	(127,704)	(1,008,645)
Off System and Capacity Release	(15,208)	(55,216)	(30,416)	(30,416)	(15,208)	25,185	(121,279)
Fixed Price Option Admin.	50,689	-	-	-	-	-	50,689
Bad Debt Costs	25,732	86,083	129,782	89,174	48,383	27,077	406,231
Working Capital	7,363	24,633	37,138	25,518	13,845	7,748	116,245
Misc Overhead	661	2,211	3,334	2,291	1,243	696	10,435
Production & Storage	125,449	419,663	632,705	434,734	235,873	132,004	1,980,428
<b>Total Indirect Costs</b>	\$ 186,605	\$ 387,476	\$ 700,734	\$ 174,742	\$ (99,705)	\$ 52,552	\$ 1,402,405
Interest	\$ 29,585	\$ 21,767	\$ 22,359	\$ 21,022	\$ 12,753	\$ (864)	\$ 106,623
<b>Total Gas Costs plus Indirect Costs</b>	\$ 4,211,164	\$ 13,773,610	\$ 20,871,861	\$ 14,040,081	\$ 7,424,516	\$ 4,255,425	\$ 64,576,656
Collections	\$ (7,767,748)	\$(13,398,040)	\$(17,487,015)	\$(17,045,329)	\$(14,900,017)	\$(12,356,200)	\$(82,954,349)
Less FPO Premium	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reverse Prior Month Unbilled	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Prior Period	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ (7,767,748)	\$(13,398,040)	\$(17,487,015)	\$(17,045,329)	\$(14,900,017)	\$(12,356,200)	
Total Forecasted Sales Volumes	6,680,802	11,519,739	16,341,054	15,929,162	13,928,459	11,551,226	75,950,443
Total Forecasted Collections	\$(7,767,748)	\$(13,398,040)	\$(17,487,015)	\$(17,045,329)	\$(14,900,017)	\$(12,356,200)	\$(82,954,349)
<b>With Rate Adjustment</b>							
	Nov-14 (estimate)	Dec-14 (estimate)	Jan-15 (estimate)	Feb-15 (estimate)	Mar-15 (estimate)	Apr-15 (estimate)	Total Peak
<b>Total Demand</b>	\$ 1,123,585	\$ 1,550,616	\$ 1,550,616	\$ 1,550,616	\$ 1,123,585	\$ 1,123,585	\$ 8,022,603
<b>Total Commodity</b>	\$ 2,814,221	\$ 11,778,141	\$ 18,524,658	\$ 12,170,105	\$ 6,258,221	\$ 3,013,684	\$ 54,559,030
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<b>Total Gas Costs</b>	\$ 3,994,974	\$ 13,364,366	\$ 20,148,768	\$ 13,844,317	\$ 7,511,468	\$ 4,203,737	\$ 63,067,629
<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	(25,211)	(34,063)	(42,153)	(45,754)	(43,561)	(38,794)	(229,535)
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Collections	\$ (7,767,748)	\$(13,398,040)	\$(17,487,015)	\$(14,719,671)	\$(12,866,462)	\$(10,669,721)	\$(76,908,657)
Less FPO Premium	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unbilled	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reverse Prior Month Unbilled	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Prior Period	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ (7,767,748)	\$(13,398,040)	\$(17,487,015)	\$(14,719,671)	\$(12,866,462)	\$(10,669,721)	
Total Forecasted Sales Volumes	6,680,802	11,519,739	16,341,054	15,929,162	13,928,459	11,551,226	75,950,443
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