



David B. Simek  
 Manager, Rates & Regulatory Affairs  
 O: 603-216-3514  
 E: [David.Simek@libertyutilities.com](mailto:David.Simek@libertyutilities.com)

November 22, 2017

**Via ERF and US Mail**

Debra A. Howland  
 Executive Director  
 New Hampshire Public Utilities Commission  
 21 S. Fruit Street, Suite 10  
 Concord, NH 03301-2429

NHPUC 27NOV17AM11:36

**RE: DG 17-135 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a/ Liberty Utilities  
 2017/2018 Winter Period Cost of Gas – December 2017 Monthly COG Adjustment**

Dear Ms. Howland:

On behalf of Liberty Utilities (EnergyNorth Natural Gas) Corp. (the "Company") and in accordance with New Hampshire Public Utilities Commission (the "Commission") Order No. 26,066 (October 31, 2017) in Docket DG 17-135, I enclose for filing the Company's current (December) calculation of its projected over or under collection of gas costs for the 2017/2018 winter season ending April 30, 2018.

The calculation reflects the actual November 2017 through April 2018 NYMEX settled forward prices as of November 17, 2017. The resulting projected under collection of approximately \$60,512 is 0.10% of the total revised anticipated gas costs for the 2017/2018 winter season.

The current and revised cost of gas rates are summarized in the following table.

	<b>Cost of Gas Rates</b>		
	<u>Current Rate</u>	<u>Revised Rate</u>	<u>Change</u>
Residential	\$0.6445	\$0.6445	\$0.0000
Commercial/Industrial High Winter Use	\$0.6433	\$0.6433	\$0.0000
Commercial/Industrial Low Winter Use	\$0.6560	\$0.6560	\$0.0000

Please note this report has been filed via the Commission's Electronic Report Filing System.

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Thank you for your assistance with this matter. Please do not hesitate to call if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "David B. Simek". The signature is written in a cursive, flowing style.

David B. Simek

Enclosures  
cc: Service List

**ENERGYNORTH NATURAL GAS, INC.**

Calculation of the Projected Over or Under Collection of the  
2017 - 2018 Winter Cost of Gas Filing  
DG 17-135

December 1, 2017

Under/(Over) Collection as of 11/1/17		\$ (3,098,412)
Forecasted firm Residential therm sales 12/1/17 - 4/30/18	49,239,622	
Residential Cost of Gas Rate per therm	\$ (0.6445)	
Forecasted firm C&I High Winter Use therm sales 12/1/17 - 4/30/18	26,147,096	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.6433)	
Forecasted firm C&I Low Winter therm sales 12/1/17 - 4/30/18	2,731,929	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.6560)	
Forecasted firm Residential therm sales 11/17	4,370,332	
Residential Cost of Gas Rate per therm	\$ (0.6445)	
Forecasted firm C&I High Winter Use therm sales 11/17	2,573,642	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.6443)	
Forecasted firm C&I Low Winter Use therm sales 11/17	348,377	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.6560)	
Forecast recovered costs at current rate 11/1/17 - 4/30/18		(55,050,921)
Estimated FPO Premium 11/1/17 - 4/30/18		(113,364)
Revised projected gas costs 11/1/17 - 4/30/18		58,424,289
Estimated interest charged (credited) to customers 11/1/17 - 4/30/18		(101,079)
Projected under / (over) collection as of 4/30/18 (A)		\$ <u>60,512</u>

Actual Gas Costs through 12/1/17	\$ -	
Revised projected gas costs 11/1/17 - 4/30/18	\$ <u>58,424,289</u>	
Estimated total adjusted gas costs 11/1/17 - 4/30/18 (B)		\$ <u>58,323,209</u>

Under/ (over) collection as percent of total gas costs (A/B)	0.10%
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Projected under / (over) collections as of 11/30/17 (A)	\$ 60,512
Forecasted firm therm sales 12/1/17 - 4/30/18	78,118,647
Change in rate used to reduce forecast under/(over) collection	\$ 0.0008
Current Cost of Gas Rate	\$ 0.6445
Revised Cost of Gas Rate	\$ 0.6453
Cap - Residential Cost of Gas Rate	\$ 0.8056

Revised as follows:

The revised projected gas costs include the November 2017 - April 2018 NYMEX settled strip prices as of November 17, 2017.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,066 dated October 31, 2017 in Docket DG 17-135: The Company may adjust the approved residential cost of gas rate of \$0.6445 per therm upwards by no more than 25% or \$0.1611 per therm. The adjusted residential cost of gas rate shall not be more than \$0.8056 per therm.

**ENERGYNORTH NATURAL GAS, INC.**

Projected Over or Under Collection

<b>Without Rate Adjustment</b>	Beginning Under/(Over)	Nov-17 (Estimate)	Dec-17 (Estimate)	Jan-18 (Estimate)	Feb-18 (Estimate)	Mar-18 (Estimate)	Apr-18 (Estimate)	Total Peak
<b>Total Gas Costs</b>		\$ 4,610,597	\$ 9,593,525	\$ 15,440,612	\$ 15,011,753	\$ 9,007,523	\$ 3,018,883	\$ 56,682,892
<b>Adjustments and Indirect Costs</b>								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		(17,009)	(21,462)	(26,605)	(27,603)	(24,775)	(20,866)	(138,320)
Broker Revenue		(29,507)	(161,963)	(18,636)	(94,708)	3,254	(155,421)	(456,982)
Off System and Capacity Release		(309,570)	(327,000)	(340,295)	(337,728)	(404,503)	(380,450)	(2,099,545)
Fixed Price Option Admin.		-	45,000	-	-	-	-	45,000
Bad Debt Costs		47,736	378,714	530,882	573,004	486,518	335,381	2,352,236
Working Capital		971	7,703	10,798	11,654	9,895	6,821	47,842
Misc Overhead		917	1,614	2,262	2,442	2,073	1,429	10,737
Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071	1,980,428
<b>Total Indirect Costs</b>		\$ 23,609	\$ 252,677	\$ 488,479	\$ 457,133	\$ 402,534	\$ 116,965	\$ 1,741,397
Interest		(11,681)	(20,627)	(19,802)	(13,961)	(14,627)	(20,381)	\$ (101,079)
<b>Total Gas Costs plus Indirect Costs</b>	\$ (3,098,412)	4,613,505	9,809,606	15,885,110	15,429,333	9,374,773	3,097,518	\$ 55,111,433
Total Forecasted Sales Volumes		7,292,351	12,837,767	17,996,016	19,423,880	16,492,140	11,368,843	85,410,999
Total Forecasted Collections		4,700,838	8,273,847	11,598,341	12,517,994	10,629,259	7,328,069	\$ 55,048,347
<b>With Rate Adjustment</b>	Beginning Under/(Over)	Nov-17 (Estimate)	Dec-17 (Estimate)	Jan-18 (Estimate)	Feb-18 (Estimate)	Mar-18 (Estimate)	Apr-18 (Estimate)	Total Peak
<b>Total Gas Costs</b>		\$ 4,610,597	\$ 9,593,525	\$ 15,440,612	\$ 15,011,753	\$ 9,007,523	\$ 3,018,883	\$ 56,682,892
<b>Adjustments and Indirect Costs</b>								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		(17,009)	(21,462)	(26,605)	(27,603)	(24,775)	(20,866)	(138,320)
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Bad Debt Costs		47,736	378,714	530,882	573,004	486,518	335,381	2,352,236
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Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071	1,980,428
<b>Total Indirect Costs</b>		\$ 23,609	\$ 252,677	\$ 488,479	\$ 457,133	\$ 402,534	\$ 116,965	\$ 1,741,397
Interest		(11,681)	(20,627)	(19,802)	(13,961)	(14,627)	(20,972)	\$ (101,670)
<b>Total Gas Costs plus Indirect Costs</b>	\$ (3,098,412)	4,613,505	9,809,606	15,885,110	15,429,333	9,374,773	3,096,927	\$ 55,110,842
Total Forecasted Sales Volumes		7,292,351	12,837,767	17,996,016	19,423,880	16,492,140	11,368,843	85,410,999
Total Forecasted Collections		4,700,838	8,284,117	11,612,738	12,533,533	10,642,452	7,337,164	\$ 55,110,842