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December 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

**RE: DG 17-141 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities - Keene Division  
 2017/2018 Winter Period Cost of Gas – January 2018 Monthly COG Adjustment**

Dear Ms. Howland:

On behalf of Liberty Utilities (EnergyNorth Natural Gas) Corp. - Keene Division (the "Company") and in accordance with New Hampshire Public Utilities Commission (the "Commission") Order No. 26,067 (October 31, 2017) in Docket DG 17-141, I enclose for filing the Company's current (January) 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 NYMEX closing prices as of December 18, 2017. The resulting projected under collection of approximately \$48,051 is approximately 4.1% of the total revised anticipated gas costs for the 2017/2018 winter season. Please note that the Company is estimating an additional \$301,280 in production costs and CNG demand charges that will be included in the Winter 2017/2018 COG reconciliation filing, but not in this rate filing.

Liberty elects to implement the increase of \$0.0475 per therm for the January 1st billing cycle.

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

<b>Cost of Gas Rate</b>		
<u>Current Rate</u>	<u>Revised Rate</u>	<u>Change</u>
\$1.2533	\$1.3008	\$0.0475

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 style with a large, stylized initial "D".

David B. Simek

Enclosures

Cc: Service List

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION

(OVER)/UNDER COLLECTION - NOVEMBER 2017 THROUGH APRIL 2018

	PRIOR	ACTUAL NOV-17	FORECAST DEC-17	FORECAST JAN-18	FORECAST FEB-18	FORECAST MAR-18	FORECAST APR-18	TOTAL
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		147,747	230,839	258,945	220,119	202,528	116,956	1,177,134
2 COMPANY USE (therms)		4,509	6,700	5,810	5,346	6,043	3,352	31,760
3 TOTAL SENDOUT (therms)		152,256	237,539	264,755	225,465	208,571	120,308	1,208,894
4 COST PER THERM (WACOG)		\$1.0888	\$1.1128	\$1.0925	\$1.0934	\$1.1590	\$1.1780	\$1.1162
5 UNBILLED PROPANE COSTS (NET)		(\$167,064)	\$33,413	\$33,413	\$33,413	\$33,413	\$33,413	\$0
6 PRODUCTION COSTS & CNG DEMAND CHARGES		\$65,085	\$53,417	\$45,417	\$39,417	\$41,167	\$56,777	\$301,280
7 REMOVE CURRENTLY UNAPPROVED COSTS **		(\$65,085)	(\$53,417)	(\$45,417)	(\$39,417)	(\$41,167)	(\$56,777)	(\$301,280)
8 ACCOUNTING ADJUSTMENT		(\$168,179)	\$0	\$0	\$0	\$0	\$0	(\$168,179)
9 TOTAL GAS COSTS		(\$169,461)	\$297,747	\$322,664	\$279,937	\$275,155	\$175,134	\$1,181,175
<u>REVENUES</u>								
10 FPO SALES (therms)		14,368	38,819	58,379	60,150	47,686	48,027	267,429
11 NON-FPO SALES (therms)		52,707	116,457	175,138	180,449	143,057	144,081	811,889
12 TOTAL SALES		67,075	155,276	233,517	240,599	190,742	192,108	1,079,317
13 FPO RATE PER THERM		\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408
14 NON-FPO RATE PER THERM		\$1.2533	\$1.2533	\$1.2533	\$1.2533	\$1.2533	\$1.2533	\$1.2533
15 FPO REVENUES		\$17,828	\$48,167	\$72,437	\$74,634	\$59,168	\$59,592	\$331,825
16 NON-FPO REVENUES		\$66,058	\$145,956	\$219,500	\$226,157	\$179,293	\$180,577	\$1,017,540
17 TOTAL REVENUES		\$83,886	\$194,122	\$291,937	\$300,791	\$238,461	\$240,169	\$1,349,365
18 (OVER)/UNDER COLLECTION		(\$253,347)	\$103,625	\$30,727	(\$20,854)	\$36,694	(\$65,034)	(\$168,190)
19 INTEREST AMOUNT		\$398	\$47	\$285	\$304	\$333	\$284	\$1,651
20 TOTAL (OVER)/UNDER COLLECTION	\$214,590	(\$252,949)	\$103,672	\$31,012	(\$20,550)	\$37,027	(\$64,750)	\$48,051
21 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								\$48,051
22 DIVIDED BY REMAINING FORECASTED NON-FPO SALES FOR PERIOD								1,012,242
23 CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								\$0.0475
24 CURRENT NON-FPO COST OF GAS RATE								\$1.2533
25 BEGINNING WINTER PERIOD NON-FPO COST OF GAS RATE								\$1.2533
26 MAXIMUM ALLOWABLE NON-FPO COST OF GAS RATE								\$1.5666
27 MAXIMUM ALLOWABLE INCREASE								\$0.3133
28 REVISED NON-FPO COST OF GAS RATE								\$1.3008
LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.0475 INCREASE TO THE NON-FPO COST OF GAS RATE.								
29 <u>Mont Belvieu Futures Prices (per gallon)</u>		<u>NOV-17</u>	<u>DEC-17</u>	<u>JAN-18</u>	<u>FEB-18</u>	<u>MAR-18</u>	<u>APR-18</u>	
30 Winter COG Filing - 11/16/17 quotations		\$0.9804	\$0.9931	\$0.9881	\$0.9719	\$0.8875	\$0.8125	
29 Winter COG Filing - 12/18/17 quotations			\$0.9931	\$0.9225	\$0.9188	\$0.8575	\$0.7981	

\*\* The Company is incurring both production costs and CNG demand charges which will be included in the Winter 2017/2018 COG reconciliation once the CNG facility is approved by the Commission's Safety Division, in compliance with Order No. 26,065 in Docket No. DG 17-068

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION

Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2017 through April 30, 2018

Projected Gas Sales - therms		1,102,601
Total Anticipated Cost of Propane Sendout		\$1,410,222
Add: Prior Period Deficiency Uncollected Interest		\$0
		\$0
Deduct: Prior Period Excess Collected Interest		(\$29,372)
		<u>\$1,053</u>
Prior Period Adjustments and Interest		(\$28,319)
Total Anticipated Cost		<u>\$1,381,903</u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.2533</u>
Fixed Price Option Premium	(\$0.0125)
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.2408</u>
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$1.2533
Mid Period Adjustment - January 1, 2018	\$0.0475
Revised Non-Fixed Price Option Cost of Gas Rate - Effective November 1, 2017 (per therm)	<u><u>\$1.3008</u></u>

Pursuant to tariff section 17(d), the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:

Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm)	<u><u>\$1.5666</u></u>
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Issued: December 22, 2017  
Effective: January 1, 2018

Issued By: /s/ Susan L. Fleck  
Susan L. Fleck  
President

In Compliance with DG 17-141, Order No. 26,067