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**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 – February 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 (February) 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 January 18, 2018. The resulting projected under collection of approximately \$185,026 is approximately 13.7% of the total revised anticipated gas costs for the 2017/2018 winter season. The revised residential rate calculates to \$1.5976 per therm, which would be a \$0.2968 per therm increase from the current residential rate of \$1.3008 per therm. The maximum allowable rate for the 2017/2018 winter season is \$1.5666 per therm, which is a \$0.2658 per therm increase from the current residential rate of \$1.3008 per therm. Also, 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 \$0.2658 per therm for the February 1st billing cycle.

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

Cost of Gas Rate		
<u>Current Rate</u>	<u>Revised Rate</u>	<u>Change</u>
\$1.3008	\$1.5666	\$0.2658

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

Debra A. Howland

DG 17-141

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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 "S" at the end.

David B. Simek

Enclosures

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

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

	<u>PRIOR</u>	<u>ACTUAL NOV-17</u>	<u>ACTUAL DEC-17</u>	<u>FORECAST JAN-18</u>	<u>FORECAST FEB-18</u>	<u>FORECAST MAR-18</u>	<u>FORECAST APR-18</u>	<u>TOTAL</u>
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		147,747	248,770	258,945	220,119	202,528	116,956	1,195,065
2 COMPANY USE (therms)		4,509	7,302	5,810	5,346	6,043	3,352	32,362
3 TOTAL SENDOUT (therms)		152,256	256,072	264,755	225,465	208,571	120,308	1,227,427
4 COST PER THERM (WACOG)		\$1.0888	\$1.1522	\$1.1801	\$1.2092	\$1.2781	\$1.2545	\$1.1922
5 UNBILLED PROPANE COSTS (NET)		(\$167,064)	(\$105,456)	\$68,130	\$68,130	\$68,130	\$68,130	\$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)	\$56,317	\$0	\$0	\$0	\$0	(\$111,861)
9 TOTAL GAS COSTS		(\$169,461)	\$245,903	\$380,563	\$340,759	\$334,697	\$219,057	\$1,351,517
<u>REVENUES</u>								
10 FPO SALES (therms)		14,368	32,378	58,379	60,150	47,686	48,027	260,988
11 NON-FPO SALES (therms)		52,707	125,637	175,138	180,449	143,057	144,081	821,069
12 TOTAL SALES		67,075	158,015	233,517	240,599	190,742	192,108	1,082,056
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	\$1.3008	\$1.3008	\$1.3008	\$1.3008	\$1.2905
15 FPO REVENUES		\$17,828	\$40,175	\$72,437	\$74,634	\$59,168	\$59,592	\$323,833
16 NON-FPO REVENUES		\$66,058	\$157,461	\$227,821	\$234,731	\$186,090	\$187,422	\$1,059,582
17 TOTAL REVENUES		\$83,886	\$197,635	\$300,258	\$309,364	\$245,258	\$247,014	\$1,383,416
18 (OVER)/UNDER COLLECTION		(\$253,347)	\$48,268	\$80,304	\$31,394	\$89,439	(\$27,957)	(\$31,899)
19 INTEREST AMOUNT		\$398	\$92	\$177	\$375	\$591	\$702	\$2,335
20 TOTAL (OVER)/UNDER COLLECTION	\$214,590	(\$252,949)	\$48,360	\$80,481	\$31,769	\$90,030	(\$27,255)	\$185,026
21 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								\$185,026
22 DIVIDED BY REMAINING FORECASTED NON-FPO SALES FOR PERIOD								623,449
23 CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								\$0.2968
24 CURRENT NON-FPO COST OF GAS RATE								\$1.3008
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								\$1.5976
LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.2658 INCREASE TO THE NON-FPO COST OF GAS RATE.								
29 Mont Belvieu Futures Prices (per gallon)		NOV-17	DEC-17	JAN-18	FEB-18	MAR-18	APR-18	
30 Winter COG Filing - 11/16/17 quotations		\$0.9804	\$0.9931	\$0.9881	\$0.9719	\$0.8875	\$0.8125	
31 Winter COG Filing - 12/18/17 quotations			\$0.9931	\$0.9225	\$0.9188	\$0.8575	\$0.7981	
32 Winter COG Filing - 1/18/18 quotations				\$0.9349	\$0.9300	\$0.8825	\$0.8300	

\*\* 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) \$1,053
Prior Period Adjustments and Interest	(\$28,319)
Total Anticipated Cost	\$1,381,903

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate (per therm)	\$1.2533
Fixed Price Option Premium	(\$0.0125)
Fixed Price Option Cost of Gas Rate (per therm)	\$1.2408
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$1.2533
Mid Period Adjustment - January 1, 2018	\$0.0475
Mid Period Adjustment - February 1, 2018	\$0.2658
Revised Non-Fixed Price Option Cost of Gas Rate - Effective November 1, 2017 (per therm)	\$1.5666

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)	\$1.5666
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Issued: January 24, 2018  
Effective: February 1, 2018

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

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