



David B. Simek
 Lead Utility Analyst, Rates & Regulatory Affairs
 O: 603-216-3514
 E: David.Simek@libertyutilities.com

March 24, 2017

APR 10 2 14 PM '17

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 16-812 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities - Keene Division
 2016/2017 Winter Period Cost of Gas –April 2017 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. 25,960 (October 28, 2016) in Docket DG 16-812 and Order No. 25,986 (February 7, 2017) also in Docket DG 16-812, I enclose for filing the Company’s current (April) calculation of its projected over or under collection of gas costs for the 2016/2017 Winter season ending April 30, 2017, which assumes that the settlement agreement that was filed is approved. For illustrative purposes only, the Company also included the current calculation of its projected over or under collection if the settlement agreement that was filed is not approved.

The calculation reflects the NYMEX closing prices as of March 21, 2017. The resulting projected over collection of approximately \$17,505 is approximately 1.2% of the total revised anticipated gas costs for the 2016/2017 winter season.

In light of the settlement agreement that has been filed and with Staff concurrence, Liberty elects to implement the decrease of \$0.1072 per therm for the April 1st billing cycle to eliminate the over collection that includes production costs that will be allowed for recovery if the settlement is approved.

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>
\$1.2750	\$1.1678	(\$0.1072)

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

Debra A. Howland
DG 16-812
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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, prominent "S" at the end.

David B. Simek

Enclosures

cc: Service List

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

(OVER)/UNDER COLLECTION - NOVEMBER 2016 THROUGH APRIL 2017

	<u>PRIOR</u>	<u>ACTUAL NOV-16</u>	<u>ACTUAL DEC-16</u>	<u>ACTUAL JAN-17</u>	<u>ACTUAL FEB-17</u>	<u>FORECAST MAR-17</u>	<u>FORECAST APR-17</u>	<u>TOTAL</u>
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		135,739	222,619	217,786	186,471	182,406	112,281	1,057,301
2 COMPANY USE (therms)		4,351	6,700	5,810	5,346	4,302	3,780	30,289
3 TOTAL SENDOUT (therms)		140,090	229,319	223,596	191,817	186,708	116,061	1,087,590
4 COST PER THERM		\$0.7994	\$0.8954	\$0.9275	\$0.9412	\$0.9371	\$0.9267	\$0.9082
5 DIRECT PROPANE PURCHASED COSTS		\$111,986	\$205,323	\$207,389	\$180,538	\$174,960	\$107,554	\$987,750
6 DIRECT PROPANE PRODUCED COSTS		\$18,088	\$21,560	\$17,468	\$14,380	\$17,874	\$17,874	\$107,244
7 PROPANE COST ADJUSTMENTS		\$7,497	\$17,710	(\$15,239)	\$5,297	(\$15,265)	\$0	\$0
8 UNBILLED PROPANE COSTS (NET)		(\$184,232)	(\$120,508)	\$2,871	\$44,396	\$50,605	\$206,869	\$0
9 TOTAL PROPANE COSTS		(\$46,662)	\$124,085	\$212,489	\$244,611	\$228,174	\$332,297	\$1,094,995
<u>REVENUES</u>								
10 FPO SALES (therms)		16,851	30,764	46,138	39,256	54,069	40,822	227,899
11 NON-FPO SALES (therms)		66,855	114,064	180,932	170,381	162,207	122,465	816,905
12 TOTAL SALES		83,706	144,828	227,070	209,638	216,276	163,286	1,044,804
13 FPO RATE PER THERM		\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352
14 NON-FPO RATE PER THERM		\$1.5152	\$1.6165	\$1.7694	\$1.7694	\$1.2750	\$1.2750	\$1.5549
15 FPO REVENUES		\$25,869	\$47,229	\$70,830	\$60,266	\$83,007	\$62,669	\$349,870
16 NON-FPO REVENUES		\$101,287	\$184,295	\$320,120	\$301,533	\$206,814	\$156,142	\$1,270,191
17 TOTAL REVENUES		\$127,156	\$231,524	\$390,950	\$361,799	\$289,821	\$218,811	\$1,620,062
18 (OVER)/UNDER COLLECTION		(\$173,818)	(\$107,439)	(\$178,462)	(\$117,188)	(\$61,647)	\$113,486	(\$525,067)
19 INTEREST AMOUNT		\$1,313	\$912	\$583	\$160	(\$292)	(\$218)	\$2,458
20 TOTAL (OVER)/UNDER COLLECTION	\$505,104	(\$172,505)	(\$106,527)	(\$177,879)	(\$117,028)	(\$61,939)	\$113,268	(\$17,505)
21 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								(\$17,505)
22 DIVIDED BY REMAINING FORECASTED NON-FPO SALES FOR PERIOD								163,286
23 CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								(\$0.1072)
24 CURRENT NON-FPO COST OF GAS RATE								\$1.2750
25 BEGINNING WINTER PERIOD NON-FPO COST OF GAS RATE								\$1.5152
26 MAXIMUM ALLOWABLE NON-FPO COST OF GAS RATE								\$1.8940
27 MAXIMUM ALLOWABLE INCREASE								\$0.3788
28 REVISED NON-FPO COST OF GAS RATE								\$1.1678

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION DOES ELECT TO IMPLEMENT A \$0.1072 DECREASE TO THE NON-FPO COST OF GAS RATE.

	<u>NOV-16</u>	<u>DEC-16</u>	<u>JAN-17</u>	<u>FEB-17</u>	<u>MAR-17</u>	<u>APR-17</u>
29 Mont Belvieu Futures Prices (per gallon)						
30 Winter COG Filing - 09/14/16 quotations	\$0.4931	\$0.4994	\$0.5056	\$0.5038	\$0.4944	\$0.4844
31 December 1 Rate Update - 11/17/16 quotations		\$0.5156	\$0.5256	\$0.5244	\$0.5081	\$0.4981
32 January 1 Rate Update - 12/13/16 quotations		\$0.6231	\$0.6300	\$0.6292	\$0.6100	\$0.5983
33 February 1 Rate Update - 1/18/17 quotations			\$0.7296	\$0.7300	\$0.6788	\$0.6494
34 March 1 Rate Update - 2/13/17 quotations				\$0.7998	\$0.7444	\$0.6713
35 April 1 Rate Update - 3/21/17 quotations					\$0.6242	\$0.6050

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

(OVER)/UNDER COLLECTION - NOVEMBER 2016 THROUGH APRIL 2017

	<u>PRIOR</u>	<u>ACTUAL NOV-16</u>	<u>ACTUAL DEC-16</u>	<u>ACTUAL JAN-17</u>	<u>ACTUAL FEB-17</u>	<u>FORECAST MAR-17</u>	<u>FORECAST APR-17</u>	<u>TOTAL</u>
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3 TOTAL SENDOUT (therms)		140,090	229,319	223,596	191,817	186,708	116,061	1,087,590
4 COST PER THERM		\$0.7994	\$0.8954	\$0.9275	\$0.9412	\$0.9371	\$0.9267	\$0.9082
5 DIRECT PROPANE PURCHASED COSTS		\$111,986	\$205,323	\$207,389	\$180,538	\$174,960	\$107,554	\$987,750
6 DIRECT PROPANE PRODUCED COSTS		\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 PROPANE COST ADJUSTMENTS		\$7,497	\$17,710	(\$15,239)	\$5,297	(\$15,265)	\$0	\$0
8 UNBILLED PROPANE COSTS (NET)		(\$184,232)	(\$120,508)	\$2,871	\$44,396	\$50,605	\$206,869	\$0
9 TOTAL PROPANE COSTS		(\$64,749)	\$102,525	\$195,021	\$230,230	\$210,300	\$314,423	\$987,751
<u>REVENUES</u>								
10 FPO SALES (therms)		16,851	30,764	46,138	39,256	54,069	40,822	227,899
11 NON-FPO SALES (therms)		66,855	114,064	180,932	170,381	162,207	122,465	816,905
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16 NON-FPO REVENUES		\$101,287	\$184,295	\$320,120	\$301,533	\$206,814	\$156,142	\$1,270,191
17 TOTAL REVENUES		\$127,156	\$231,524	\$390,950	\$361,799	\$289,821	\$218,811	\$1,620,062
18 (OVER)/UNDER COLLECTION		(\$191,905)	(\$128,999)	(\$195,929)	(\$131,569)	(\$79,521)	\$95,612	(\$632,311)
19 INTEREST AMOUNT		\$1,313	\$912	\$583	\$160	(\$528)	(\$506)	\$1,934
20 TOTAL (OVER)/UNDER COLLECTION	\$505,104	(\$190,593)	(\$128,087)	(\$195,346)	(\$131,408)	(\$80,049)	\$95,106	(\$125,273)
21 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								(\$125,273)
22 DIVIDED BY REMAINING FORECASTED NON-FPO SALES FOR PERIOD								163,286
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27 MAXIMUM ALLOWABLE INCREASE								\$0.3788
28 REVISED NON-FPO COST OF GAS RATE								\$0.5078

FOR ILLUSTRATIVE PURPOSES ONLY - ALL PRODUCTION COSTS HAVE BEEN REMOVED

	<u>NOV-16</u>	<u>DEC-16</u>	<u>JAN-17</u>	<u>FEB-17</u>	<u>MAR-17</u>	<u>APR-17</u>
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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, 2016 through April 30, 2017

Projected Gas Sales - therms		1,014,258
Total Anticipated Cost of Propane Sendout		\$1,130,275
Add: Prior Period Deficiency Uncollected Interest	\$394,761 \$11,757	
Deduct: Prior Period Excess Collected Interest	\$0 \$0	
Prior Period Adjustments and Interest		\$406,518
Total Anticipated Cost		<u>\$1,536,793</u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.5152</u>
Fixed Price Option Premium	\$0.0200
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.5352</u>
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$1.5152
Mid Period Adjustment - December 1, 2016	\$0.1013
Mid Period Adjustment - January 1, 2017	\$0.1529
Mid Period Adjustment - March 1, 2017	(\$0.4944)
Mid Period Adjustment - April 1, 2017	(\$0.1072)
Revised Non-Fixed Price Option Cost of Gas Rate - Effective March 1, 2017 (per therm)	<u><u>\$1.1678</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>\$1.8940</u></u>
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Issued: March 24, 2017
Effective: April 1, 2017

Issued By: /s/ James M. Sweeney
James M. Sweeney
President