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June 15, 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 16-812 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities Keene Division 2016-2017 Winter Period Cost of Gas – Reconciliation

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, I enclose for filing an original and one copy of Company's reconciliation of the over/under collection of gas costs for the 2016-2017 winter season.

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

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

Sincerely,

David B. Simek

Enclosure

cc: Service List

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

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

	COSTS	PRIOR	NOV-16	DEC-16	<u>JAN-17</u>	FEB-17	MAR-17	<u>APR-17</u>	TOTAL
1	FIRM SENDOUT (therms)		135,739	222,619	217,786	186,471	216,911	98,063	1,077,588
2	COMPANY USE (therms)		4,351	6,700	5,810	5,346	6,043	3,352	31,602
3	TOTAL SENDOUT (therms)		140,090	229,319	223,596	191,817	222,954	101,415	1,109,190
4	COST PER THERM		\$0.7994	\$0.8954	\$0.9275	\$0.9412	\$0.9577	\$0.9521	\$0.9154
5	DIRECT PROPANE PURCHASED COSTS		\$111,986	\$205,323	\$207,389	\$180,538	\$213,534	\$96,554	\$1,015,324
6	DIRECT PROPANE PRODUCED COSTS		\$36,175	\$43,120	\$34,935	\$28,761	\$39,888	\$36,557	\$219,437
7	PRODUCTION COSTS REDUCED 50%		(\$18,088)	(\$21,560)	(\$17,468)	(\$14,380)	(\$19,944)	(\$18,279)	(\$109,719)
8	PROPANE COST ADJUSTMENTS		(\$60,615)	\$0	\$0	\$3,628	\$4,071	\$2,061	(\$50,854)
9	UNBILLED PROPANE COSTS (NET)		(\$184,232)	(\$120,508)	\$2,871	\$44,396	\$3,663	\$177,118	(\$76,693)
10	TOTAL PROPANE COSTS		(\$114,774)	\$106,375	\$227,728	\$242,942	\$241,212	\$294,012	\$997,495
	REVENUES								
11 12 13	FPO SALES (therms) NON-FPO SALES (therms) TOTAL SALES		16,851 66,855 83,706	30,764 114,064 144,828	46,138 180,932 227,070	38,888 170,749 209,638	31,886 141,547 173,433	37,432 169,141 206,573	201,959 843,289 1,045,248
14 15	FPO RATE PER THERM NON-FPO RATE PER THERM		\$1.5352 \$1.5152	\$1.5352 \$1.6165	\$1.5352 \$1.7694	\$1.5352 \$1.7694	\$1.5352 \$1.2750	\$1.5352 \$1.1678	\$1.5352 \$1.5247
16 17 18	FPO REVENUES NON-FPO REVENUES TOTAL REVENUES		\$25,869 \$101,287 \$127,156	\$47,229 \$184,295 \$231,524	\$70,830 \$320,120 \$390,950	\$59,702 \$302,097 \$361,799	\$48,951 \$180,473 \$229,424	\$57,466 \$197,524 \$254,990	\$310,047 \$1,285,796 \$1,595,843
19	(OVER)/UNDER COLLECTION		(\$241,930)	(\$125,149)	(\$163,222)	(\$118,857)	\$11,788	\$39,022	(\$598,348)
20	INTEREST AMOUNT		\$1,313	\$912	\$583	\$160	\$71	\$219	\$3,257
21	TOTAL (OVER)/UNDER COLLECTION	\$565,719	(\$240,617)	(\$124,237)	(\$162,640)	(\$118,696)	\$11,859	\$39,241	(\$29,372)
22	(OVER)/UNDER COLLECTION - FINAL								(\$29,372)

## NEW HAMPSHIRE GAS CORPORATION

# PROPANE INVENTORY & WEIGHTED AVERAGE COST OF GAS CALCULATION WINTER PERIOD 2016 - 2017

WINTER PERIOD 2016 - 2017												
LINE NO.												
LINE INC				Ra	nto.							
1	November 2016 (Actual)	<u>Therms</u>	<u>Cost</u>	Therm	Gal.							
'	November 2010 (Actual)	<u>IIICIIIIS</u>	<u>003t</u>	THOM	<u>oai.</u>							
2	Beginning Balance	269,362	\$196,924	\$0.7311	\$0.6689							
3	Purchases Received	156,572	\$143,562	\$0.9169	\$0.8390							
4	Total Available	425,934	\$340,486	\$0.7994	\$0.7315							
5	Less Sendout	140,090	\$111,986	\$0.7994	\$0.7315	140,090	\$111,986					
6	Ending Balance	285,844	\$228,500	\$0.7994	\$0.7315	,	, , , , , , , , , ,					
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7	December 2016 (Actual)	<u>Therms</u>	<u>Cost</u>	Therm Gal.								
8	Beginning Balance	285,844	\$228,500	\$0.7994	\$0.7315							
9	Purchases Received	225,280	\$229,140	\$1.0171	\$0.9307							
10	Total Available	511,124	\$457,640	\$0.8954	\$0.8193							
11	Less Sendout	229,319	\$205,323	\$0.8954	\$0.8193	229,319	\$205,323					
12	Ending Balance	281,805	\$252,317	\$0.8954	\$0.8193							
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13	January 2017 (Actual)	Therms	<u>Cost</u>	<u>Therm</u>	<u>Gal.</u>							
11	Designing Delegas	204 005	<b>#050 047</b>	<b>CO 00E4</b>	<b>#0.0402</b>							
14	Beginning Balance	281,805	\$252,317	\$0.8954	\$0.8193							
15	Purchases Received	201,067	\$195,555	\$0.9726	\$0.8899							
16	Total Available	482,872	\$447,872	\$0.9275	\$0.8487							
17	Less Sendout	223,596	\$207,389	\$0.9275	\$0.8487	223,596	\$207,389					
18	Ending Balance	259,276	\$240,483	\$0.9275	\$0.8487							
Rate												
19	February 2017 (Actual)	<u>Therms</u>	<u>Cost</u> <u>Therm</u> <u>Gal.</u>									
19	rebluary 2017 (Actual)	<u>IIICIIIIS</u>	<u>0031</u>	11161111	<u>Gai.</u>							
20	Beginning Balance	259,276	\$240,483	\$0.9275	\$0.8487							
21	Purchases Received	137,157	\$132,641	\$0.9671	\$0.8849							
22	Total Available	396,433	\$373,124	\$0.9412	\$0.8612							
23	Less Sendout	191,817	\$180,538	\$0.9412	\$0.8612	191,817	\$180,538					
24	Ending Balance	204,617	\$192,586	\$0.9412	\$0.8612	131,017	ψ100,000					
27	Enaing Balance	204,017	ψ132,300	ψ0.5+12	ψ0.0012							
				Ra	ate							
25	March 2017 (Actual)	<u>Therms</u>	Cost	Therm	Gal.							
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26	Beginning Balance	204,617	\$192,586	\$0.9412	\$0.8612							
27	Purchases Received	104,363	\$103,338	\$0.9902	\$0.9060							
28	Total Available	308,980	\$295,924	\$0.9577	\$0.8764							
29	Less Sendout	222,954	\$213,533	\$0.9577	\$0.8764	222,954	\$213,533					
30	Ending Balance	86,026	\$82,391	\$0.9577	\$0.8764							
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				Ra	ate_							
31	April 2017 (Actual)	<u>Therms</u>	<u>Cost</u>	Therm Gal.								
32	Beginning Balance	86,026	\$82,391	\$0.9577	\$0.8764							
33	Purchases Received	67,200	\$63,491	\$0.9448	\$0.8645							
34	Total Available	153,226	\$145,882	\$0.9521	\$0.8712							
35	Less Sendout	101,415	\$96,554	\$0.9521	\$0.8712	101,415	\$96,554					
36	Ending Balance	51,810	\$49,327	\$0.9521	\$0.8712							

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AVERAGE WINTER RATE - SENDOUT 1,109,190 \$1,015,324