



Catherine A. McNamara  
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March 22, 2019

**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 18-145 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities -  
Keene Division  
2018/2019 Winter Period Cost of Gas – April 2019 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. 26,184 (October 30, 2018) in Docket DG 18-145, I enclose for filing the Company's current (April) calculation of its projected over collection of gas costs for the 2018/2019 Winter season ending April 30, 2019.

The calculation reflects the NYMEX closing prices as of March 18, 2019. The resulting projected over collection of approximately \$6,972 is approximately 0.04% of the total revised anticipated gas costs for the 2018/2019 winter season.

Liberty elects to implement the decrease of \$0.0484 per therm for the April 1st billing cycle.

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

<b>Cost of Gas Rate</b>		
<b><u>Current Rate</u></b>	<b><u>Revised Rate</u></b>	<b><u>Change</u></b>
\$1.3135	\$1.2651	(\$0.0484)

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

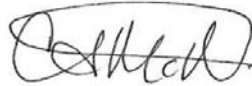
Debra A. Howland

DG 18-145

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

Sincerely,

A handwritten signature in black ink, appearing to read "C. McNamara", enclosed within a hand-drawn oval border.

Catherine A. McNamara

Enclosures

## LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE  
SUPPLY / DEMAND BALANCE  
WINTER PERIOD 2018 - 2019

	PRIOR	ACTUALS Nov-18	ACTUALS Dec-18	ACTUALS Jan-19	ACTUALS Feb-19	FORECAST Mar-19	FORECAST Apr-19	TOTAL
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		169,142	210,561	255,145	236,474	178,196	127,847	1,177,365
2 COMPANY USE (therms)		4,975	6,115	7,357	6,035	5,378	4,268	34,128
3 TOTAL SENDOUT (therms)		174,117	216,676	262,502	242,509	183,574	132,115	1,211,493
4 COST PER THERM (WACOG)		\$1.1987	\$1.2170	\$1.2430	\$1.2471	\$1.2389	\$1.2389	\$1.2306
5 PRODUCTION COSTS		\$18,601	\$16,858	(\$10,908)	\$10,992	\$10,992	\$10,992	\$57,527
6 CNG DEMAND CHARGES		\$47,917	\$10,417	\$16,667	\$16,667	\$16,667	\$29,167	\$137,501
7 REMOVAL OF CNG DEMAND CHARGES		(\$47,917)	(\$10,417)	(\$16,667)	(\$16,667)	(\$16,667)	(\$29,167)	(\$137,501)
8 ACCOUNTING ADJUSTMENT		(\$138)	\$7,996	\$0	(\$38)	\$0	(\$7,858)	(\$38)
9 TOTAL COSTS		\$227,176	\$288,545	\$315,369	\$313,375	\$238,426	\$166,814	\$1,549,705
<u>REVENUES</u>								
10 BILLED FPO SALES (therms)		2,130	32,117	35,866	42,563	38,571	33,820	185,067
11 COG FPO RATE		\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	
		\$2,927	\$44,138	\$49,291	\$58,494	\$53,008	\$46,479	\$254,338
12 BILLED NON-FPO SALES PRIOR MONTH (therms)		106,749	128,339	145,679	186,702	0	0	567,469
13 COG NON-FPO RATE PRIOR MONTH		\$1.2494	\$1.3802	\$1.4734	\$1.5311	\$1.5011	\$1.3135	
		\$133,372	\$177,133	\$214,643	\$285,859	\$0	\$0	\$811,009
14 BILLED NON-FPO SALES CURRENT MONTH (therms)		6,469	23,277	25,600	17,370	164,435	144,180	381,331
15 COG NON-FPO RATE CURRENT MONTH		\$1.3802	\$1.4734	\$1.5311	\$1.5011	\$1.3135	\$1.3135	
		\$8,929	\$34,296	\$39,196	\$26,074	\$215,985	\$189,380	\$513,861
16 BILLED SALES OTHER PRIOR PERIODS		100	353	292	2,121	0	0	2,866
17 COG OTHER PRIOR PERIODS BLENDED RATE		\$0.7744	\$1.1223	\$1.3561	\$1.4788	\$0.0000	\$0.0000	
		\$77	\$396	\$396	\$3,137	\$0	\$0	\$4,006
18 TOTAL SALES		115,448	184,086	207,437	248,756	203,006	178,000	1,136,733
19 TOTAL BILLED REVENUES		\$145,305	\$255,964	\$303,526	\$373,564	\$268,994	\$235,859	\$1,583,213
20 UNBILLED REVENUES (NET)		\$197,614	\$65,006	\$58,366	(\$29,286)	(\$145,850)	(\$145,850)	\$0
21 TOTAL REVENUES		\$342,919	\$320,970	\$361,892	\$344,279	\$123,144	\$90,009	\$1,583,214
22 (OVER)/UNDER COLLECTION		(\$115,744)	(\$32,425)	(\$46,523)	(\$30,904)	\$115,283	\$76,805	(\$33,508)
23 INTEREST AMOUNT		\$577	\$395	\$278	\$170	(\$660)	(\$223)	\$537
24 FINAL (OVER)/UNDER COLLECTION	\$25,999	(\$115,167)	(\$32,030)	(\$46,246)	(\$30,734)	\$114,623	\$76,582	(\$6,972)
25 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								(\$6,972)
26 DIVIDED BY REMAINING FORECASTED SALES FOR PERIOD								144,180
27 CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								(\$0.0484)
28 CURRENT NON-FPO COST OF GAS RATE								\$1.3135
29 BEGINNING WINTER PERIOD NON-FPO COST OF GAS RATE								\$1.3802
30 MAXIMUM ALLOWABLE NON-FPO COST OF GAS RATE								\$1.7253
31 MAXIMUM ALLOWABLE INCREASE								\$0.3451
32 REVISED NON-FPO COST OF GAS RATE								\$1.2651

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.0484 DECREASE TO THE NON-FPO COST OF GAS RATE.

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19
33 Mont Belvieu Futures Prices (per gallon)						
34 Winter COG Filing - 09/06/18 quotations(inc. in Tech 1-1)	\$1.0342	\$1.0275	\$1.0200	\$1.0054	\$0.9350	\$0.8721
35 Winter COG Filing - 11/16/18 quotations	\$0.7821	\$0.7994	\$0.8019	\$0.7956	\$0.7644	\$0.7344
36 Winter COG Filing - 12/10/18 quotations		\$0.7070	\$0.7094	\$0.7081	\$0.6819	\$0.6556
37 Winter COG Filing - 01/15/19 quotations			\$0.6672	\$0.6813	\$0.6588	\$0.6444
38 Winter COG Filing - 02/15/19 quotations				\$0.6651	\$0.6875	\$0.6800
38 Winter COG Filing - 03/18/19 quotations					\$0.6883	\$0.6931

**Liberty Utilities (EnergyNorth Natural Gas) Corp.  
Peak 2018/2019 Winter Cost of Gas Filing**

**Filed Tariff Sheets**

Proposed Nineteenth Revised Page 1  
Check Sheet

Proposed Sixteenth Revised Page 3  
Check Sheet (Cont'd)

Proposed Fifteenth Revised Page 4  
Check Sheet (Cont'd)

Proposed Twelfth Revised Page 85  
Calculation Firm Sales Cost of Gas Rate

Proposed Sixth Revised Page 93  
Calculation of Firm Transportation Cost of Gas Rate

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Title	Original
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TOC ii	Second Revised
TOC iii	First Revised
TOC iv	Original
1	Nineteenth Revised
2	Fifth Revised
3	Sixteenth Revised
4	Fifteenth Revised
5	Second Revised
6	Second Revised
7	Second Revised
7A	Original
8	First Revised
9	First Revised
10	Original
11	Original
12	Original
13	First Revised
14	First Revised
15	First Revised
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original

ISSUED: March 22, 2019

EFFECTIVE: April 01, 2019

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck  
TITLE: President

<u>Page</u>	<u>Revision</u>
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57	Original
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74	Second Revised
75	Original
76	Second Revised
77	Original
78	Second Revised
79	Original
80	Third Revised
81	Original
82	Second Revised
83	First Revised
84	Tenth Revised
85	Twelfth Revised
86	Tenth Revised

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Susan L. Fleck  
TITLE: President

<b><u>Page</u></b>	<b><u>Revision</u></b>
87	First Revised
88	First Revised
89	Fifth Revised
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91	First Revised
92	Fifth Revised
93	Sixth Revised
94	Second Revised
95	Second Revised
96	First Revised
97	First Revised
98	Original
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TITLE: President

### 23 FIRM RATE SCHEDULES - KEENE CUSTOMERS

Rates Effective April 1, 2019 - April 30, 2019 Winter Period Period					Rates Effective September 1, 2018 - October 31, 2018 Summer Period [1]			
	Delivery Charge	Cost of Gas Rate Page 93	LDAC Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 90	LDAC Page 97	Total Rate
<b>Residential Non Heating - R-1</b>								
Customer Charge per Month per Meter	\$15.02			\$15.02	\$15.02			\$15.02
All therms	\$0.3741	\$1.2651	\$0.0660	\$1.7052	\$0.3938	\$1.2494	\$0.0945	\$1.7377
<b>Residential Heating - R-3</b>								
Customer Charge per Month per Meter	\$15.02			\$15.02	\$15.02			\$15.02
All therms	\$0.5502	\$1.2651	\$0.0660	\$1.8813	\$0.5631	\$1.2494	\$0.0945	\$1.9070
<b>Residential Heating - R-4</b>								
Customer Charge per Month per Meter	\$6.01			\$6.01	\$6.00			\$6.00
All therms	\$0.2201	\$1.2651	\$0.0660	\$1.5512	\$0.2252	\$1.2494	\$0.0945	\$1.5691
<b>Commercial/Industrial - G-41</b>								
Customer Charge per Month per Meter	\$55.68			\$55.68	\$56.58			\$56.58
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$0.4566	\$1.2651	\$0.0757	\$1.7974	\$0.4639	\$1.2494	\$0.0763	\$1.7896
All therms over the first block per month at	\$0.3067	\$1.2651	\$0.0757	\$1.6475	\$0.3116	\$1.2494	\$0.0763	\$1.6373
<b>Commercial/Industrial - G-42</b>								
Customer Charge per Month per Meter	\$167.06			\$167.06	\$169.75			\$169.75
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$0.4152	\$1.2651	\$0.0757	\$1.7560	\$0.4219	\$1.2494	\$0.0763	\$1.7476
All therms over the first block per month at	\$0.2766	\$1.2651	\$0.0757	\$1.6174	\$0.2811	\$1.2494	\$0.0763	\$1.6068
<b>Commercial/Industrial - G-43</b>								
Customer Charge per Month per Meter	\$716.95			\$716.95	\$728.47			\$728.47
All therms over the first block per month at	\$0.2552	\$1.2651	\$0.0757	\$1.5960	\$0.1185	\$1.2494	\$0.0763	\$1.4442
<b>Commercial/Industrial - G-51</b>								
Customer Charge per Month per Meter	\$55.68			\$55.68	\$56.58			\$56.58
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$0.2752	\$1.2651	\$0.0757	\$1.6160	\$0.2796	\$1.2494	\$0.0763	\$1.6053
All therms over the first block per month at	\$0.1789	\$1.2651	\$0.0757	\$1.5197	\$0.1817	\$1.2494	\$0.0763	\$1.5074
<b>Commercial/Industrial - G-52</b>								
Customer Charge per Month per Meter	\$167.06			\$167.06	\$169.75			\$169.75
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$0.2363	\$1.2651	\$0.0757	\$1.5771	\$0.1740	\$1.2494	\$0.0763	\$1.4997
All therms over the first block per month at	\$0.1574	\$1.2651	\$0.0757	\$1.4982	\$0.0989	\$1.2494	\$0.0763	\$1.4246
<b>Commercial/Industrial - G-53</b>								
Customer Charge per Month per Meter	\$737.84			\$737.84	\$749.68			\$749.68
All therms over the first block per month at	\$0.1652	\$1.2651	\$0.0757	\$1.5060	\$0.0805	\$1.2494	\$0.0763	\$1.4062
<b>Commercial/Industrial - G-54</b>								
Customer Charge per Month per Meter	\$737.84			\$737.84	\$749.68			\$749.68
All therms over the first block per month at	\$0.0630	\$1.2651	\$0.0757	\$1.4038	\$0.0347	\$1.2494	\$0.0763	\$1.3604

[1] For Keene rates in effect prior to May 1, 2018 please see tariff.  
NHPUC NO. 1 - GAS LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A  
LIBERTY UTILITIES - KEENE DIVISION

ISSUED: March 22, 2019

EFFECTIVE: April 01, 2019

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck  
President

TITLE:

### 31. CALCULATION OF FIRM SALES AND FIXED WINTER PERIOD COST OF GAS RATE - KEENE CUSTOMERS

#### Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2018 through April 30, 2019

Projected Gas Sales - therms	1,093,088
Total Anticipated Cost of Gas Sendout	\$1,659,992
Add: Prior Period Deficiency Uncollected Interest	\$0
	\$0
Deduct: Prior Period Excess Collected Interest	(\$148,397)
	<u>(\$2,967)</u>
Prior Period Adjustments and Interest	(\$151,364)
Total Anticipated Cost	<u>\$1,508,628</u>

#### Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	<u>\$1.3802</u>
Fixed Price Option Premium	(\$0.0059)
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.3743</u>
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$1.3802
Mid Period Adjustment - December 2018	\$0.0932
Mid Period Adjustment - January 2019	\$0.0577
Mid Period Adjustment - February 2019	(\$0.0300)
Mid Period Adjustment - March 2019	(\$0.1876)
Mid Period Adjustment - April 2019	(\$0.0484)
Revised Non-Fixed Price Option Cost of Gas Rate - Effective January 01, 2019 (per therm)	<u><u>\$1.2651</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>\$1.7253</u>
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ISSUED: March 22, 2019

ISSUED BY: /s/Susan L. Fleck

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TITLE: President