



Catherine A. McNamara  
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January 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 – February 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 (February) 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 January 15, 2019. The resulting projected over collection of approximately \$20,830 is approximately 1.3% of the total revised anticipated gas costs for the 2018/2019 winter season.

Liberty elects to implement the decrease of \$0.0300 per therm for the February 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>
\$1.5311	\$1.5011	(\$0.0300)

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

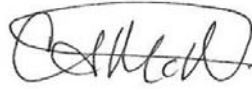
Debra A. Howland

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.

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	FORECAST Jan-19	FORECAST Feb-19	FORECAST Mar-19	FORECAST Apr-19	TOTAL
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		169,142	210,561	287,984	223,382	178,196	127,847	1,197,112
2 COMPANY USE (therms)		4,975	6,115	6,980	5,172	5,378	4,268	32,888
3 TOTAL SENDOUT (therms)		174,117	216,676	294,964	228,554	183,574	132,115	1,230,000
4 COST PER THERM (WACOG)		\$1.1987	\$1.2170	\$1.2988	\$1.2588	\$1.2426	\$1.2426	\$1.2431
5 PRODUCTION COSTS		\$18,601	\$16,858	\$17,729	\$17,729	\$17,729	\$17,729	\$106,377
6 CNG DEMAND CHARGES		\$47,917	\$16,667	\$10,417	\$10,417	\$10,417	\$10,417	\$106,250
7 REMOVAL OF CNG DEMAND CHARGES **		(\$47,917)	(\$16,667)	(\$10,417)	(\$10,417)	(\$10,417)	(\$10,417)	(\$106,250)
8 ACCOUNTING ADJUSTMENT		(\$138)	\$138	\$0	\$0	\$0	\$0	\$0
9 TOTAL COSTS		\$227,176	\$280,687	\$400,818	\$305,430	\$245,835	\$181,893	\$1,641,841
<u>REVENUES</u>								
10 Billed FPO Sales (therms)		2,130	32,117	47,762	42,876	38,571	33,820	197,276
15 COG FPO Rate		\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	
		\$2,927.26	\$44,138.39	\$65,638.81	\$58,924.45	\$53,008.32	\$46,478.83	\$271,116.0600
11 Billed Non-FPO Sales (therms) prior month		106,749	128,339	203,615	182,787	164,435	144,180	930,105
16 COG Non-FPO Rate prior month		\$1.2494	\$1.3802	\$1.3802	\$1.3802	\$1.3802	\$1.3802	
		\$133,372.20	\$177,133.49	\$281,029.93	\$252,282.66	\$226,952.99	\$198,997.24	\$1,269,768.5100
12 Billed Non-FPO Sales (therms) current Month		6,469	23,277	0	0	0	0	29,746
17 COG Non-FPO Rate current month		\$1.3802	\$1.4734	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
		\$8,928.51	\$34,296.33	\$0.00	\$0.00	\$0.00	\$0.00	\$43,224.8400
13 Billed Sales Other Prior Periods		100	353	0	0	0	0	453
18 COG Other Prior Periods Blended rate		\$0.7744	\$1.1223	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
		\$77.44	\$396.17	\$0.00	\$0.00	\$0.00	\$0.00	\$473.6100
14 TOTAL SALES		115,448	184,086	251,377	225,663	203,006	178,000	1,157,580
19 TOTAL BILLED REVENUES		\$145,305	\$255,964	\$346,669	\$311,207	\$279,961	\$245,476	\$1,584,583
20 UNBILLED REVENUES (NET)		\$197,614	\$65,006	(\$39,523)	(\$39,523)	(\$39,523)	(\$39,523)	\$104,529
21 TOTAL REVENUES		\$342,919	\$320,970	\$307,146	\$271,684	\$240,439	\$205,953	\$1,689,112
22 (OVER)/UNDER COLLECTION		(\$115,744)	(\$40,283)	\$93,673	\$33,746	\$5,397	(\$24,060)	(\$47,271)
23 INTEREST AMOUNT		\$577	\$395	(\$384)	(\$94)	(\$5)	(\$48)	\$441
24 FINAL (OVER)/UNDER COLLECTION	\$25,999.28	(\$115,167)	(\$39,888)	\$93,289	\$33,652	\$5,392	(\$24,108)	(\$20,830)
25 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								(\$20,830)
26 DIVIDED BY REMAINING FORECASTED NON-FPO SALES FOR PERIOD								695,017
27 CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								(\$0.0300)
28 CURRENT NON-FPO COST OF GAS RATE								\$1.5311
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								\$1.5011

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.0300 DECREASE TO THE NON-FPO COST OF GAS RATE.

33	Mont Belvieu Futures Prices (per gallon)	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19
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

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

**Filed Tariff Sheets**

Proposed Thirteenth Revised Page 1  
Check Sheet

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

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

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

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

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TOC i	Second Revised
TOC ii	First Revised
TOC iii	Original
TOC iv	Original
1	Thirteenth Revised
2	Third Revised
3	Eleventh Revised
4	Tenth Revised
5	Original
6	First Revised
7	First Revised
7A	Original
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22	Original
23	Original
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ISSUED: January 24, 2019

ISSUED BY: /s/Susan L. Fleck  
Susan L. Fleck

EFFECTIVE: February 01, 2019

TITLE: President

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

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<b><u>Page</u></b>	<b><u>Revision</u></b>
87	First Revised
88	First Revised
89	Fifth Revised
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93	Fourth Revised
94	First Revised
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97	First Revised
98	Original
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102	Original
103	Original
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106	Original
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## 23 FIRM RATE SCHEDULES KEENE CUSTOMERS

Rates Effective February 1, 2019 - April 30, 2019 Winter Period Period					Rates Effective September 1, 2018 - October 31, 2018 Summer Period [1]				
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 93</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>		<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 90</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>
<b><u>Residential Non Heating - R-1</u></b>									
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02		\$ 15.02			\$ 15.02
All therms	\$ 0.3741	\$ 1.5011	\$ 0.0660	\$ 1.9412		\$ 0.3938	\$ 1.2494	\$ 0.0945	\$ 1.7377
<b><u>Residential Heating - R-3</u></b>									
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02		\$ 15.02			\$ 15.02
All therms	\$ 0.5502	\$ 1.5011	\$ 0.0660	\$ 2.1173		\$ 0.5631	\$ 1.2494	\$ 0.0945	\$ 1.9070
<b><u>Residential Heating - R-4</u></b>									
Customer Charge per Month per Meter	\$ 6.01			\$ 6.01		\$ 6.00			\$ 6.00
All therms	\$ 0.2201	\$ 1.5011	\$ 0.0660	\$ 1.7872		\$ 0.2252	\$ 1.2494	\$ 0.0945	\$ 1.5691
<b><u>Commercial/Industrial - G-41</u></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	\$ 1.5011	\$ 0.0757	\$ 2.0334		\$ 0.4639	\$ 1.2494	\$ 0.0763	\$ 1.7896
All therms over the first block per month at	\$ 0.3067	\$ 1.5011	\$ 0.0757	\$ 1.8835		\$ 0.3116	\$ 1.2494	\$ 0.0763	\$ 1.6373
<b><u>Commercial/Industrial - G-42</u></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	\$ 1.5011	\$ 0.0757	\$ 1.9920		\$ 0.4219	\$ 1.2494	\$ 0.0763	\$ 1.7476
All therms over the first block per month at	\$ 0.2766	\$ 1.5011	\$ 0.0757	\$ 1.8534		\$ 0.2811	\$ 1.2494	\$ 0.0763	\$ 1.6068
<b><u>Commercial/Industrial - G-43</u></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	\$ 1.5011	\$ 0.0757	\$ 1.8320		\$ 0.1185	\$ 1.2494	\$ 0.0763	\$ 1.4442
<b><u>Commercial/Industrial - G-51</u></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	\$ 1.5011	\$ 0.0757	\$ 1.8520		\$ 0.2796	\$ 1.2494	\$ 0.0763	\$ 1.6053
All therms over the first block per month at	\$ 0.1789	\$ 1.5011	\$ 0.0757	\$ 1.7557		\$ 0.1817	\$ 1.2494	\$ 0.0763	\$ 1.5074
<b><u>Commercial/Industrial - G-52</u></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	\$ 1.5011	\$ 0.0757	\$ 1.8131		\$ 0.1740	\$ 1.2494	\$ 0.0763	\$ 1.4997
All therms over the first block per month at	\$ 0.1574	\$ 1.5011	\$ 0.0757	\$ 1.7342		\$ 0.0989	\$ 1.2494	\$ 0.0763	\$ 1.4246
<b><u>Commercial/Industrial - G-53</u></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	\$ 1.5011	\$ 0.0757	\$ 1.7420		\$ 0.0805	\$ 1.2494	\$ 0.0763	\$ 1.4062
<b><u>Commercial/Industrial - G-54</u></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	\$ 1.5011	\$ 0.0757	\$ 1.6398		\$ 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: January 24, 2019

EFFECTIVE: February 01, 2019

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck  
TITLE: President



### 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) (\$2,967)
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)
Revised Non-Fixed Price Option Cost of Gas Rate - Effective February 01, 2019 (per therm)	<u><u>\$1.5011</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>

ISSUED: January 24, 2019

ISSUED BY: /s/Susan L. Fleck

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