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November 23, 2018

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 – December 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. 26,184 (October 30, 2018) in Docket DG 18-145, I enclose for filing the Company's current (December) calculation of its projected over or under collection of gas costs for the 2018/2019 Winter season ending April 30, 2019.

The calculation reflects the NYMEX closing prices as of November 16, 2018. The resulting projected over collection of approximately \$94,280 is approximately 5.9% of the total revised anticipated gas costs for the 2018/2019 winter season.

Liberty elects to implement the decrease of \$0.0932 per therm for the December 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>
\$1.3802	\$1.4734	\$0.0932

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

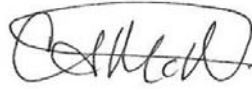
Debra A. Howland

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	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	TOTAL
<u>SENDOUT (THERMS)</u>								
1 FIRM SENDOUT *		152,536	234,631	287,984	223,382	178,196	127,847	1,204,576
2 COMPANY USE		4,509	7,302	6,980	5,172	5,378	4,268	33,609
3 TOTAL SENDOUT		157,045	241,933	294,964	228,554	183,574	132,115	1,238,185
4 * UNACCTED FOR VOLS INCLUDED		4,789	7,367	9,042	7,014	5,595	4,014	37,821
<u>COSTS</u>								
5 SENDOUT FROM ABOVE		157,045	241,933	294,964	228,554	183,574	132,115	1,238,185
6 COST/THERM FROM SCHEDULE F		\$1.1997	\$1.2396	\$1.2372	\$1.2427	\$1.2608	\$1.2625	\$1.2692
7 FPO PREMIUM		\$91	\$172	\$282	\$253	\$228	\$200	\$1,226
8 PRODUCTION COSTS	\$	6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 36,000
9 CNG DEMAND CHARGES	\$	10,417	\$ 10,417	\$ 10,417	\$ 10,417	\$ 10,417	\$ 10,417	\$ 62,500
10 REMOVAL OF CNG DEMAND CHARGES **	\$	(10,417)	\$ (10,417)	\$ (10,417)	\$ (10,417)	\$ (10,417)	\$ (10,417)	\$ (62,500)
11 ACCOUNTING ADJUSTMENT	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 TOTAL COSTS		\$194,496	\$306,065	\$371,198	\$290,281	\$237,673	\$172,994	\$1,572,707
<u>REVENUES</u>								
13 FIRM SALES (THERMS)		81,335	153,707	251,377	225,663	203,006	178,000	1,093,088
14 RATE/THERM PER TARIFF		\$1.3802	\$1.3802	\$1.3802	\$1.3802	\$1.3802	\$1.3802	\$1.4388
15 TOTAL REVENUES		\$112,259	\$212,146	\$346,951	\$311,460	\$280,189	\$245,676	\$1,508,681
16 (OVER)/UNDER COLLECTION		\$82,237	\$93,919	\$24,247	(\$21,179)	(\$42,516)	(\$72,682)	\$64,026
17 INTEREST FROM SCHEDULE H		\$294	\$680	\$942	\$953	\$817	\$569	\$4,255
18 FINAL (OVER)/UNDER COLLECTION	\$ 25,999.28	\$82,531	\$94,599	\$25,189	(\$20,226)	(\$41,699)	(\$72,113)	\$94,280
19 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								\$94,280
20 DIVIDED BY REMAINING FORECASTED NON-FPO SALES FOR PERIOD								1,011,753
21 CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								\$0.0932
22 CURRENT NON-FPO COST OF GAS RATE								\$1.3802
23 BEGINNING WINTER PERIOD NON-FPO COST OF GAS RATE								\$1.3802
24 MAXIMUM ALLOWABLE NON-FPO COST OF GAS RATE								\$1.7253
25 MAXIMUM ALLOWABLE INCREASE								\$0.3451
26 REVISED NON-FPO COST OF GAS RATE								\$1.4734

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.0571 INCREASE TO THE NON-FPO COST OF GAS RATE.

27	Mont Belvieu Futures Prices (per gallon)	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19
28	Winter COG Filing - 11/16/18 quotations	\$0.7821	\$0.7994	\$0.8019	\$0.7956	\$0.7644	\$0.7344

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

Filed Tariff Sheets

Proposed Ninth Revised Page 1
Check Sheet

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

Proposed Seventh Revised Page 4
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Proposed Eighth Revised Page 85
Calculation Firm Sales Cost of Gas Rate

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

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1	Ninth Revised
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3	Eighth Revised
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ISSUED: November 20, 2018

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

EFFECTIVE: December 01, 2018

TITLE: President

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56	Second Revised
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78	Second Revised
79	Original
80	Second Revised
81	Original
82	Second Revised
83	First Revised
84	Sixth Revised
85	Eighth Revised
86	Sixth Revised

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Susan L. Fleck

TITLE: President

<u>Page</u>	<u>Revision</u>
87	First Revised
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89	Fifth Revised
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23 FIRM RATE SCHEDULES KEENE CUSTOMERS

	Rates Effective December 1, 2018 - April 30, 2019				Rates Effective September 1, 2018 - October 31, 2018			
	Winter Period				Summer Period [1]			
		Cost of				Cost of		
	Delivery	Gas Rate	LDAC	Total	Delivery	Gas Rate	LDAC	Total
	Charge	Page 93	Page 97	Rate	Charge	Page 90	Page 97	Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
All therms	\$ 0.3741	\$ 1.4734	\$ 0.0660	\$ 1.9135	\$ 0.3938	\$ 1.2494	\$ 0.0945	\$ 1.7377
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
All therms	\$ 0.5502	\$ 1.4734	\$ 0.0660	\$ 2.0896	\$ 0.5631	\$ 1.2494	\$ 0.0945	\$ 1.9070
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 6.01			\$ 6.01	\$ 6.00			\$ 6.00
All therms	\$ 0.2201	\$ 1.4734	\$ 0.0660	\$ 1.7595	\$ 0.2252	\$ 1.2494	\$ 0.0945	\$ 1.5691
Commercial/Industrial - G-41								
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	\$ 1.4734	\$ 0.0757	\$ 2.0057	\$ 0.4639	\$ 1.2494	\$ 0.0763	\$ 1.7896
All therms over the first block per month at	\$ 0.3067	\$ 1.4734	\$ 0.0757	\$ 1.8558	\$ 0.3116	\$ 1.2494	\$ 0.0763	\$ 1.6373
Commercial/Industrial - G-42								
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	\$ 1.4734	\$ 0.0757	\$ 1.9643	\$ 0.4219	\$ 1.2494	\$ 0.0763	\$ 1.7476
All therms over the first block per month at	\$ 0.2766	\$ 1.4734	\$ 0.0757	\$ 1.8257	\$ 0.2811	\$ 1.2494	\$ 0.0763	\$ 1.6068
Commercial/Industrial - G-43								
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	\$ 1.4734	\$ 0.0757	\$ 1.8043	\$ 0.1185	\$ 1.2494	\$ 0.0763	\$ 1.4442
Commercial/Industrial - G-51								
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	\$ 1.4734	\$ 0.0757	\$ 1.8243	\$ 0.2796	\$ 1.2494	\$ 0.0763	\$ 1.6053
All therms over the first block per month at	\$ 0.1789	\$ 1.4734	\$ 0.0757	\$ 1.7280	\$ 0.1817	\$ 1.2494	\$ 0.0763	\$ 1.5074
Commercial/Industrial - G-52								
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	\$ 1.4734	\$ 0.0757	\$ 1.7854	\$ 0.1740	\$ 1.2494	\$ 0.0763	\$ 1.4997
All therms over the first block per month at	\$ 0.1574	\$ 1.4734	\$ 0.0757	\$ 1.7065	\$ 0.0989	\$ 1.2494	\$ 0.0763	\$ 1.4246
Commercial/Industrial - G-53								
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	\$ 1.4734	\$ 0.0757	\$ 1.7143	\$ 0.0805	\$ 1.2494	\$ 0.0763	\$ 1.4062
Commercial/Industrial - G-54								
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	\$ 1.4734	\$ 0.0757	\$ 1.6121	\$ 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: November 20, 2018

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: December 01, 2018

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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							\$1,508,628
<u>Cost of Gas Rate</u>							
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)							\$1.3802
Fixed Price Option Premium							(\$0.0059)
Fixed Price Option Cost of Gas Rate (per therm)							\$1.3743
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)							\$1.3802
Mid Period Adjustment - December 2018							0.0932
Revised Non-Fixed Price Option Cost of Gas Rate - Effective December 01, 2018(per therm)							\$1.4734
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)							\$1.7253

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