



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 18-137; Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a/ Liberty Utilities
2018/2019 Winter Period Cost of Gas – April 2019 Monthly COG Adjustment**

Dear Ms. Howland:

On behalf of Liberty Utilities (EnergyNorth Natural Gas) Corp. (the "Company") and in accordance with New Hampshire Public Utilities Commission (the "Commission") Order No. 26,188 (November 01, 2018) in Docket DG 18-137, I enclose for filing the Company's (April) calculation of its projected collection of gas costs for the 2018/2019 winter season ending April 30, 2019.

The calculation reflects the estimated November 2018 through April 2019 NYMEX settled forward prices as of March 18, 2019. The resulting projected under collection of approximately \$712,068 is 1.2% of the total revised anticipated gas costs for the 2018/2019 winter season. Liberty elects to implement a rate increase of \$0.0613 per therm for the April 1st billing cycle.

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

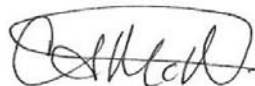
	Cost of Gas Rates		
	<u>Current Rate</u>	<u>Revised Rate</u>	<u>Change</u>
Residential	\$0.5212	\$0.5825	\$0.0613
Commercial/Industrial High Winter Use	\$0.5204	\$0.5817	\$0.0613
Commercial/Industrial Low Winter Use	\$0.5257	\$0.5870	\$0.0613

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

Debra A. Howland
DG 18-137
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Thank you for your attention to these matters. 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

ENERGYNORTH NATURAL GAS, INC.

Calculation of the Projected Over or Under Collection of the
2018 - 2019 Winter Cost of Gas Filing
DG 18-137

April 1, 2019

Under/(Over) Collection as of 3/1/19		\$	3,448,799
Forecasted firm Residential therm sales 4/1/19 - 4/30/19	7,042,089		
Residential Cost of Gas Rate per therm	\$ (0.5212)		
Forecasted firm C&I High Winter Use therm sales 4/1/19 - 4/30/19	3,802,241		
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5204)		
Forecasted firm C&I Low Winter therm sales 4/1/19 - 4/30/19	780,077		
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5257)		
Forecasted firm Residential therm sales 3/19	10,337,327		
Residential Cost of Gas Rate per therm	\$ (0.5212)		
Forecasted firm C&I High Winter Use therm sales 3/19	5,470,068		
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5204)		
Forecasted firm C&I Low Winter Use therm sales 3/19	924,009		
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5257)		
Forecast recovered costs at current rate 3/1/19 - 4/30/19			(14,779,299)
Estimated FPO Premium 3/1/19 - 4/30/19			(450,403)
Revised projected gas costs 3/1/19 - 4/30/19		\$	<u>12,485,406</u>
Estimated interest charged (credited) to customers 3/1/19 - 4/30/19			7,565
Projected under / (over) collection as of 4/30/19 (A)		\$	<u>712,068</u>

Actual Gas Costs through 3/1/19	\$	46,981,885
Revised projected gas costs 3/1/19 - 4/30/19	\$	<u>12,485,406</u>
Estimated total adjusted gas costs 4/1/19 - 4/30/19 (B)	\$	<u>59,474,857</u>

Under/ (over) collection as percent of total gas costs (A/B)	1.20%
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Projected under / (over) collections as of 3/31/19 (A)	\$	712,068
Forecasted firm therm sales 4/1/19 - 4/30/19		11,624,407
Change in rate used to reduce forecast under/(over) collection	\$	0.0613
Current Cost of Gas Rate	\$	0.5212
Revised Cost of Gas Rate	\$	0.5825
Cap - Residential Cost of Gas Rate	\$	0.9264

Revised as follows:

The revised projected gas costs include the March 2019 - April 2019
NYMEX settled strip prices as of March 18, 2019.

Compliance rates per New Hampshire Public Utilities Commission Order
Number 26,188 dated November 01, 2018 in Docket DG 18-137. The
Company may adjust the approved residential cost of gas rate of \$0.7411
per therm upwards by no more than 25% or \$0.1853 per therm. The
adjusted residential cost of gas rate shall not be more than \$0.9264 per
therm.

ENERGYNORTH NATURAL GAS, INC.
 Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	Nov-18 (Actuals)	Dec-18 (Actuals)	Jan-19 (Actuals)	Feb-19 (Actuals)	Mar-19 (Estimate)	Apr-19 (Estimate)	Total Peak
Total Gas Costs		\$ 8,002,139	\$ 10,509,516	\$ 17,068,202	\$ 10,355,052	\$ 8,911,518	\$ 3,269,766	\$ 58,116,193
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		(46,059)	(33,295)	(44,449)	39,153	(5,146)	(4,335)	(94,131)
Broker Revenue		-	-	-	-	(369,992)	(217,609)	(587,601)
Off System and Capacity Release		-	-	-	-	(307,820)	(307,198)	(615,018)
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		100,012	(66,014)	(1,638)	(152,128)	493,576	342,920	716,728
Working Capital		11,278	(7,364)	(212)	(16,981)	10,039	6,975	3,735
Misc. Overhead		-	-	-	-	1,516	1,053	2,569
Production & Storage		331,852	331,852	331,852	331,852	330,071	330,071	1,987,549
Total Indirect Costs		\$ 397,083	\$ 225,178	\$ 285,552	\$ 201,896	\$ 152,244	\$ 151,877	\$ 1,413,830
Interest		(728)	(8,110)	(19,678)	(34,216)	6,882	683	\$ (55,166)
Total Gas Costs plus Indirect Costs	\$ 1,488,075	8,398,494	10,726,584	17,334,076	10,522,731	9,070,645	3,422,327	\$ 60,962,932
Total Forecasted Sales Volumes		13,343,607	22,602,588	25,525,633	28,066,087	16,731,404	11,624,407	117,893,726
Total Forecasted Collections		11,921,354	10,473,629	15,253,824	7,372,354	8,966,954	6,262,747	\$ 60,250,863
With Rate Adjustment	Beginning Under/(Over)	Nov-18 (Actuals)	Dec-18 (Actuals)	Jan-19 (Actuals)	Feb-19 (Actuals)	Mar-19 (Estimate)	Apr-19 (Estimate)	Total Peak
Interest		(728)	(8,110)	(19,678)	(34,216)	6,882	1,190	\$ (54,659)
Total Gas Costs plus Indirect Costs	\$ 1,488,075	8,398,494	10,726,584	17,334,076	10,522,731	9,070,645	3,422,834	\$ 60,963,439
Total Forecasted Sales Volumes		13,343,607	22,602,588	25,525,633	28,066,087	16,731,404	11,624,407	117,893,726
Total Forecasted Collections		11,921,354	10,473,629	15,253,824	7,372,354	8,966,954	6,975,324	\$ 60,963,439

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

Filed Tariff Sheets

Proposed Eighteenth Revised Page 1
Check Sheet

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

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

Proposed Tenth Revised Page 84
Firm Rate Schedules

Proposed Tenth Revised Page 86
Firm Rate Schedules

Proposed Fifth Revised Page 92
Calculation of Firm Sales Winter Period Cost of Gas Rate

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ISSUED: March 22, 2019

EFFECTIVE: April 01, 2019

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

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85	Eleventh Revised
86	Tenth Revised

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ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck

TITLE: President

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ISSUED: March 22, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: April 01, 2019

Susan L. Fleck
TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	Rates effective April 1, 2019 - April 30, 2019 Winter Period				Rates Effective May 1, 2019 - October 31, 2019 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$15.02			\$15.02	\$15.02			\$15.02
All therms	\$0.3741	\$0.5825	\$0.0660	\$1.0226	\$0.3741	\$0.4445	\$0.0660	\$0.8846
Residential Heating - R-3								
Customer Charge per Month per Meter	\$15.02			\$15.02	\$15.02			\$15.02
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$0.5502	\$0.5825	\$0.0660	\$1.1987	\$0.5502	\$0.4445	\$0.0660	\$1.0607
Residential Heating - R-4								
Customer Charge per Month per Meter	\$6.01			\$6.01	\$6.01			\$6.00
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$0.2201	\$0.5825	\$0.0660	\$0.8686	\$0.2201	\$0.4445	\$0.0660	\$0.7306
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$55.68			\$55.68	\$55.68			\$56.58
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$0.4566	\$0.5817	\$0.0757	\$1.1140	\$0.4566	\$0.4417	\$0.0757	\$0.9740
All therms over the first block per month at	\$0.3067	\$0.5817	\$0.0757	\$0.9641	\$0.3067	\$0.4417	\$0.0757	\$0.8241
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$167.06			\$167.06	\$167.06			\$167.06
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$0.4152	\$0.5817	\$0.0757	\$1.0726	\$0.4152	\$0.4417	\$0.0757	\$0.9326
All therms over the first block per month at	\$0.2766	\$0.5817	\$0.0757	\$0.9340	\$0.2766	\$0.4417	\$0.0757	\$0.7940
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$716.95			\$716.95	\$716.95			\$716.95
All therms over the first block per month at	\$ 0.2552	\$ 0.5817	\$ 0.0757	\$ 0.9126	\$ 0.1167	\$ 0.4417	\$ 0.0757	\$ 0.6341
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$55.68			\$55.68	\$55.68			\$56.58
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$0.2752	\$0.5870	\$0.0757	\$0.9379	\$0.2752	\$0.4506	\$0.0757	\$0.8015
All therms over the first block per month at	\$0.1789	\$0.5870	\$0.0757	\$0.8416	\$0.1789	\$0.4506	\$0.0757	\$0.7052
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$167.06			\$167.06	\$167.06			\$169.75
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$0.2363	\$0.5870	\$0.0757	\$0.8990	\$0.1712	\$0.4506	\$0.0757	\$0.6975
All therms over the first block per month at	\$0.1574	\$0.5870	\$0.0757	\$0.8201	\$0.0973	\$0.4506	\$0.0757	\$0.6236
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$737.84			\$737.84	\$737.84			\$749.68
All therms over the first block per month at	\$0.1652	\$0.5870	\$0.0757	\$0.8279	\$0.0792	\$0.4506	\$0.0757	\$0.6055
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$737.84			\$737.84	\$737.84			\$749.68
All therms over the first block per month at	\$0.0630	\$0.5870	\$0.0757	\$0.7257	\$0.0342	\$0.4506	\$0.0757	\$0.5605

ISSUED: March 22, 2019

EFFECTIVE: April 01, 2019

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck
TITLE: President

24 FIRM RATE SCHEDULES - MANAGED EXPANSION PROGRAM-EXCLUDING KEENE CUSTOMERS

	Rates effective April 1, 2019 - April 30, 2019				Rates Effective May 1, 2019 - October 31, 2019			
	Winter		Period		Summer		Period	
	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	\$19.53			\$19.53	\$19.53			\$19.53
All therms	\$0.4863	\$0.5825	\$0.0660	\$1.1348	\$0.4863	\$0.4445	\$0.0660	\$0.9968
Residential Heating - R-6								
Customer Charge per Month per Meter	\$19.53			\$19.53	\$19.53			\$19.53
All therms	\$0.7153	\$0.5825	\$0.0660	\$1.3638	\$0.7153	\$0.4445	\$0.0660	\$1.2258
Residential Heating - R-7								
Customer Charge per Month per Meter	\$7.81			\$7.81	\$7.81			\$7.81
All therms	\$0.2861	\$0.5825	\$0.0660	\$0.9346	\$0.2861	\$0.4445	\$0.0660	\$0.7966
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$72.38			\$72.38	\$72.38			\$72.38
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$0.5936	\$0.5817	\$0.0757	\$1.2510	\$0.5936	\$0.4417	\$0.0757	\$1.1110
All therms over the first block per month at	\$0.3987	\$0.5817	\$0.0757	\$1.0561	\$0.3987	\$0.4417	\$0.0757	\$0.9161
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$217.18			\$217.18	\$217.18			\$217.18
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$0.5398	\$0.5817	\$0.0757	\$1.1972	\$0.5398	\$0.4417	\$0.0757	\$1.0572
All therms over the first block per month at	\$0.3596	\$0.5817	\$0.0757	\$1.0170	\$0.3596	\$0.4417	\$0.0757	\$0.8770
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$932.04			\$932.04	\$932.04			\$932.04
All therms over the first block per month at	\$0.3318	\$0.5817	\$0.0757	\$0.9892	\$0.1517	\$0.4417	\$0.0757	\$0.6691
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$72.38			\$72.38	\$72.38			\$72.38
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$0.3578	\$0.5870	\$0.0757	\$1.0205	\$0.3578	\$0.4506	\$0.0757	\$0.8841
All therms over the first block per month at	\$0.2326	\$0.5870	\$0.0757	\$0.8953	\$0.2326	\$0.4506	\$0.0757	\$0.7589
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$217.18			\$217.18	\$217.18			\$217.18
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$0.3072	\$0.5870	\$0.0757	\$0.9699	\$0.2226	\$0.4506	\$0.0757	\$0.7489
All therms over the first block per month at	\$0.2046	\$0.5870	\$0.0757	\$0.8673	\$0.1265	\$0.4506	\$0.0757	\$0.6528
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$959.19			\$959.19	\$959.19			\$959.19
All therms over the first block per month at	\$0.2148	\$0.5870	\$0.0757	\$0.8775	\$0.1030	\$0.4506	\$0.0757	\$0.6293
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$959.19			\$959.19	\$959.19			\$959.19
All therms over the first block per month at	\$0.0819	\$0.5870	\$0.0757	\$0.7446	\$0.0445	\$0.4506	\$0.0757	\$0.5708

ISSUED: March 22, 2019

EFFECTIVE: April 01, 2019

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck
President

30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE - EXCLUDING KEENE CUSTOMERS

**CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2018 THROUGH APRIL 30, 2019
(Refer to Text in Section 16 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 61,003,856	
Projected Prorated Sales (11/01/18 - 04/30/19)	86,451,254	
Direct Cost of Gas Rate		\$ 0.7056 per therm
Demand Cost of Gas Rate	\$ 11,230,946	\$ 0.1299 per therm
Commodity Cost of Gas Rate	49,116,221	\$ 0.5681 per therm
Adjustment Cost of Gas Rate	656,690	\$ 0.0076 per therm
Total Direct Cost of Gas Rate	\$ 61,003,857	\$ 0.7056 per therm
Total Anticipated Indirect Cost of Gas	\$ 3,070,244	
Projected Prorated Sales (11/01/18 - 04/30/19)	86,451,254	
Indirect Cost of Gas		\$ 0.0355 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/17		\$ 0.7411 per therm

RESIDENTIAL COST OF GAS RATE - 11/01/18	COGwr	\$ 0.7411 /therm
Change in Rate due to change in under/over recovery		\$ 0.0093
RESIDENTIAL COST OF GAS RATE - 01/01/2019	COGwr	\$ 0.7504 /therm
Change in Rate due to change in under/over recovery		\$ (0.0789)
RESIDENTIAL COST OF GAS RATE - 02/01/2019	COGwr	\$ 0.6715 /therm
Change in Rate due to change in under/over recovery		\$ (0.1503)
RESIDENTIAL COST OF GAS RATE - 03/1/2019	COGwr	\$ 0.5212 /therm
Change in Rate due to change in under/over recovery		\$ 0.0613
RESIDENTIAL COST OF GAS RATE - 4/1/2019	COGwr	\$ 0.5825 /therm

Maximum (COG + 25%) \$ 0.9264

C&I LOW WINTER USE COST OF GAS RATE - 11/01/18	COGwl	\$ 0.7456 /therm
Change in Rate due to change in under/over recovery		\$ 0.0093
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2019	COGsl	\$ 0.7549 /therm
Change in Rate due to change in under/over recovery		\$ (0.0789)
C&I LOW WINTER USE COST OF GAS RATE - 02/01/2019	COGsl	\$ 0.6760 /therm
Change in Rate due to change in under/over recovery		\$ (0.1503)
C&I LOW WINTER USE COST OF GAS RATE COST OF GAS RATE - 03/1/2019	COGsl	\$ 0.5257 /therm
Change in Rate due to change in under/over recovery		\$ 0.0613
C&I LOW WINTER USE COST OF GAS RATE COST OF GAS RATE - 04/1/2019	COGsl	\$ 0.5870 /therm

Average Demand Cost of Gas Rate Effective 11/01/18	\$ 0.1299		
Times: Low Winter Use Ratio (Winter)	1.0335	Maximum (COG + 25%)	\$ 0.9320
Times: Correction Factor	1.0011		
Adjusted Demand Cost of Gas Rate	\$ 0.1344		
Commodity Cost of Gas Rate	\$ 0.5681		
Adjustment Cost of Gas Rate	\$ 0.0076		
Indirect Cost of Gas Rate	\$ 0.0355		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.7456		

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/18	COGwh	\$ 0.7403 /therm
Change in Rate due to change in under/over recovery		\$ 0.0093
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/19	COGwh	\$ 0.7496 /therm
Change in Rate due to change in under/over recovery		\$ (0.0789)
C&I HIGH WINTER USE COST OF GAS RATE - 02/01/2019	COGwh	\$ 0.6707 /therm
Change in Rate due to change in under/over recovery		\$ (0.1503)
C&I HIGH WINTER USE COST OF GAS RATE - 03/1/2019	COGwh	\$ 0.5204 /therm
Change in Rate due to change in under/over recovery		\$ 0.0613
C&I HIGH WINTER USE COST OF GAS RATE - 04/1/2019	COGwh	\$ 0.5817 /therm

Average Demand Cost of Gas Rate Effective 11/01/18	\$ 0.1299		
Times: High Winter Use Ratio (Winter)	0.9930	Maximum (COG + 25%)	\$ 0.9254
Times: Correction Factor	1.0011		
Adjusted Demand Cost of Gas Rate	\$ 0.1291		
Commodity Cost of Gas Rate	\$ 0.5681		
Adjustment Cost of Gas Rate	\$ 0.0076		
Indirect Cost of Gas Rate	\$ 0.0355		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.7403		

ISSUED: March 22, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: April 01, 2019

Susan L. Fleck
TITLE: President