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June 22, 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 17-135 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities and  
DG 18-052 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities - Keene  
Division  
2018 Summer Period Cost of Gas – June 2018 Monthly COG Adjustment**

Dear Ms. Howland:

On behalf of Liberty Utilities (EnergyNorth Natural Gas) Corp. and Liberty Utilities (EnergyNorth Natural Gas) Corp. - Keene Division and in accordance with New Hampshire Public Utilities Commission Order No. 26,066 (October 31, 2017) in Docket No. DG 17-135 and Order No. 26,126 (May 1, 2018) in Docket No. DG 18-052, I enclose for filing the current (June) calculations of the projected over or under collection of gas costs for the 2018 Summer season ending October 31, 2018.

The calculations reflect the NYMEX closing prices as of June 14, 2018. The resulting ENNG projected over collection, excluding Keene, of \$769,935 is approximately 12% of the total revised anticipated gas costs for the 2018 summer season. The resulting ENNG Keene projected over collection of approximately \$20,126 is approximately 6.2% of the total revised anticipated gas costs for the 2018 summer season.

Liberty elects to implement the ENNG COG decrease (excluding Keene) of \$0.0789 per therm. Liberty also elects to implement the ENNG Keene COG decrease of \$0.1013 per therm for the July 1st billing cycle.

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

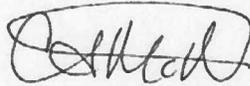
	<u>ENNG Excluding Keene Cost of Gas Rate</u>		
	<u>Current</u>	<u>Revised</u>	<u>Change</u>
	<u>Rate</u>	<u>Rate</u>	
Residential	\$0.3916	\$0.3127	(\$0.0789)
Commercial/Industrial High Winter Use	\$0.3855	\$0.3066	(\$0.0789)
Commercial/Industrial Low Winter Use	\$0.4124	\$0.3335	(\$0.0789)

	<u>ENNG Keene Cost of Gas Rate</u>		
	<u>Current</u>	<u>Revised</u>	<u>Change</u>
	<u>Rate</u>	<u>Rate</u>	
Residential & Commercial/Industrial	\$1.0765	\$0.9752	(\$0.1013)

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

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

Sincerely,



Catherine A. McNamara

Enclosures

**Liberty Utilities (EnergyNorth Natural Gas) Corp.  
Off Peak 2018 Summer Cost of Gas Filing**

**Filed Tariff Sheets**

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Calculation of Firm Sales Cost of Gas Rate

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Calculation of Firm Sales Cost of Gas Rate

**CHECK SHEET**

The title page and pages 1-148 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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DATED: June 22, 2018

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

EFFECTIVE: July 01, 2018

TITLE: President

Authorized by NHPUC Order No. 26,066 dated October 31, 2018, in Docket No. DG 17-135 and Order No. 26,126 dated May 1, 2018 in Docket DG 18-052

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**22 FIRM RATE SCHEDULES EXCLUDING KEENE CUSTOMERS**

	Rates effective March 1, 2018 - April 30, 2018				Rates Effective July 1, 2018 - October 31, 2018			
	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 92	LDAC Charge	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
<b>Residential Non Heating - R-1</b>								
Customer Charge per Month per Meter	\$16.88			\$16.88	\$ 14.88			\$14.88
All therms	\$0.2231	\$0.8056	\$0.0856	\$1.1143	\$0.3902	\$0.3127	\$0.0945	\$0.7974
<b>Residential Heating - R-3</b>								
Customer Charge per Month per Meter	\$24.43			\$24.43	\$ 14.88			\$14.88
Size of the first block	100 therms				all therms			
Therms in the first block per month at	\$0.3863	\$ 0.8056	\$ 0.0856	\$ 1.2775	\$ 0.5580	\$ 0.3127	\$ 0.0945	\$0.9652
All therms over the first block per month at	\$0.3197	\$ 0.8056	\$ 0.0856	\$ 1.2109				
<b>Residential Heating - R-4</b>								
Customer Charge per Month per Meter	\$9.77			\$9.77	\$ 5.95			\$5.95
Size of the first block	100 therms				all therms			
Therms in the first block per month at	\$0.1545	\$ 0.8056	\$ 0.0856	\$ 1.0457	\$ 0.2232	\$ 0.3127	\$ 0.0945	\$0.6304
All therms over the first block per month at	\$0.1278	\$ 0.8056	\$ 0.0856	\$ 1.0190				
<b>Commercial/Industrial - G-41</b>								
Customer Charge per Month per Meter	\$53.45			\$53.45	\$ 56.07			\$56.07
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$0.4383	\$ 0.8041	\$ 0.0674	\$ 1.3098	\$ 0.4597	\$ 0.3066	\$ 0.0763	\$0.8426
All therms over the first block per month at	\$0.2944	\$ 0.8041	\$ 0.0674	\$ 1.1659	\$ 0.3088	\$ 0.3066	\$ 0.0763	\$0.6917
<b>Commercial/Industrial - G-42</b>								
Customer Charge per Month per Meter	\$160.36			\$160.36	\$ 168.21			\$168.21
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$0.3986	\$ 0.8041	\$ 0.0674	\$ 1.2701	\$ 0.4181	\$ 0.3066	\$ 0.0763	\$0.8010
All therms over the first block per month at	\$0.2655	\$ 0.8041	\$ 0.0674	\$ 1.1370	\$ 0.2785	\$ 0.3066	\$ 0.0763	\$0.6614
<b>Commercial/Industrial - G-43</b>								
Customer Charge per Month per Meter	\$688.20			\$688.20	\$ 721.86			\$721.86
All therms over the first block per month at	\$0.2449	\$0.8041	\$0.0674	\$1.1164	\$0.1174	\$0.3066	\$0.0763	\$0.5003
<b>Commercial/Industrial - G-51</b>								
Customer Charge per Month per Meter	\$53.45			\$53.45	\$ 56.07			\$56.07
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$0.2642	\$ 0.8200	\$ 0.0674	\$ 1.1516	\$ 0.2771	\$ 0.3335	\$ 0.0763	\$0.6869
All therms over the first block per month at	\$0.1717	\$ 0.8200	\$ 0.0674	\$ 1.0591	\$ 0.1801	\$ 0.3335	\$ 0.0763	\$0.5899
<b>Commercial/Industrial - G-52</b>								
Customer Charge per Month per Meter	\$160.36			\$160.36	\$ 168.21			\$168.21
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$0.2268	\$ 0.8200	\$ 0.0674	\$ 1.1142	\$ 0.1724	\$ 0.3335	\$ 0.0763	\$0.5822
All therms over the first block per month at	\$0.1511	\$ 0.8200	\$ 0.0674	\$ 1.0385	\$ 0.0980	\$ 0.3335	\$ 0.0763	\$0.5078
<b>Commercial/Industrial - G-53</b>								
Customer Charge per Month per Meter	\$708.24			\$708.24	\$ 742.88			\$742.88
All therms over the first block per month at	\$0.1585	\$0.8200	\$0.0674	\$1.0459	\$0.0798	\$0.3335	\$0.0763	\$0.4896
<b>Commercial/Industrial - G-54</b>								
Customer Charge per Month per Meter	\$708.24			\$708.24	\$ 742.88			\$742.88
All therms over the first block per month at	\$0.0605	\$0.8200	\$0.0674	\$0.9479	\$0.0344	\$0.3335	\$0.0763	\$0.4442

DATED: June 22, 2018

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: July 01, 2018

Susan L. Fleck  
President

Authorized by NHPUC Order No. 26,066 dated October 31, 2017, in Docket No. DG 17-135

**23 FIRM RATE SCHEDULES KEENE CUSTOMERS**

Rates Effective July 1, 2018 - October 31, 2018  
Summer Period [1]

	Delivery Charge	Cost of Gas Rate Page 96	LDAC Page 90	Total Rate
<b>Residential Non Heating - R-1</b>				
Customer Charge per Month per Meter	\$ 14.88			\$14.88
All therms	\$0.3902	\$0.9752	\$0.0945	\$1.4599
<b>Residential Heating - R-3</b>				
Customer Charge per Month per Meter	\$ 14.88			\$14.88
Size of the first block	all therms			
Therms in the first block per month at	\$ 0.5580	\$ 0.9752	\$ 0.0945	\$ 1.6277
All therms over the first block per month at				
<b>Residential Heating - R-4</b>				
Customer Charge per Month per Meter	\$ 5.95			\$5.95
Size of the first block	all therms			
Therms in the first block per month at	\$ 0.2232	\$ 0.9752	\$ 0.0945	\$ 1.2929
All therms over the first block per month at				
<b>Commercial/Industrial - G-41</b>				
Customer Charge per Month per Meter	\$ 56.07			\$56.07
Size of the first block	20 therms			
Therms in the first block per month at	\$ 0.4597	\$ 0.9752	\$ 0.0763	\$ 1.5112
All therms over the first block per month at	\$ 0.3088	\$ 0.9752	\$ 0.0763	\$ 1.3603
<b>Commercial/Industrial - G-42</b>				
Customer Charge per Month per Meter	\$ 168.21			\$168.21
Size of the first block	400 therms			
Therms in the first block per month at	\$ 0.4181	\$ 0.9752	\$ 0.0763	\$ 1.4696
All therms over the first block per month at	\$ 0.2785	\$ 0.9752	\$ 0.0763	\$ 1.3300
<b>Commercial/Industrial - G-43</b>				
Customer Charge per Month per Meter	\$ 721.86			\$721.86
All therms over the first block per month at	\$0.1174	\$0.9752	\$0.0763	\$1.1689
<b>Commercial/Industrial - G-51</b>				
Customer Charge per Month per Meter	\$ 56.07			\$56.07
Size of the first block	100 therms			
Therms in the first block per month at	\$ 0.2771	\$ 0.9752	\$ 0.0763	\$ 1.3286
All therms over the first block per month at	\$ 0.1801	\$ 0.9752	\$ 0.0763	\$ 1.2316
<b>Commercial/Industrial - G-52</b>				
Customer Charge per Month per Meter	\$ 168.21			\$168.21
Size of the first block	1000 therms			
Therms in the first block per month at	\$ 0.1724	\$ 0.9752	\$ 0.0763	\$ 1.2239
All therms over the first block per month at	\$ 0.0980	\$ 0.9752	\$ 0.0763	\$ 1.1495
<b>Commercial/Industrial - G-53</b>				
Customer Charge per Month per Meter	\$ 742.88			\$742.88
All therms over the first block per month at	\$0.0798	\$0.9752	\$0.0763	\$1.1313
<b>Commercial/Industrial - G-54</b>				
Customer Charge per Month per Meter	\$ 742.88			\$742.88
All therms over the first block per month at	\$0.0344	\$0.9752	\$0.0763	\$1.0859

[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

DATED: June 22, 2018

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

EFFECTIVE: July 01, 2018

TITLE: President

Authorized by NHPUC Order No. 26,126 dated May 1, 2018 in Docket DG 18-052

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

	Rates effective March 1, 2018 - April 30, 2018 Winter Period				Rates Effective July 1, 2018 - October 31, 2018 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 92	LDAC Charge	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
<b>Residential Non Heating - R-5</b>								
Customer Charge per Month per Meter	\$21.94			\$21.94	\$19.34			\$19.34
All therms	\$0.2900	\$0.8056	\$0.0856	\$1.1812	\$0.5073	\$0.3127	\$0.0945	\$0.9145
<b>Residential Heating - R-6</b>								
Customer Charge per Month per Meter	\$31.76			\$31.76	\$19.34			\$19.34
All therms					\$0.7253	\$0.3127	\$0.0945	\$1.1325
Size of the first block	100 therms							
Therms in the first block per month at	\$0.5022	\$0.8056	\$0.0856	\$1.3934				
All therms over the first block per month at	\$0.4156	\$0.8056	\$0.0856	\$1.3068				
<b>Residential Heating - R-7</b>								
Customer Charge per Month per Meter	\$12.70			\$12.70	\$7.74			\$7.74
All therms					\$0.2901	\$0.3127	\$0.0945	\$0.6973
Size of the first block	100 therms							
Therms in the first block per month at	\$0.2009	\$0.8056	\$0.0856	\$1.0921				
All therms over the first block per month at	\$0.1661	\$0.8056	\$0.0856	\$1.0573				
<b>Commercial/Industrial - G-44</b>								
Customer Charge per Month per Meter	\$69.49			\$69.49	\$72.89			\$72.89
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$0.5698	\$0.8041	\$0.0674	\$1.4413	\$0.5976	\$0.3066	\$0.0763	\$0.9805
All therms over the first block per month at	\$0.3827	\$0.8041	\$0.0674	\$1.2542	\$0.4014	\$0.3066	\$0.0763	\$0.7843
<b>Commercial/Industrial - G-45</b>								
Customer Charge per Month per Meter	\$208.47			\$208.47	\$218.67			\$218.67
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$0.5182	\$0.8041	\$0.0674	\$1.3897	\$0.5435	\$0.3066	\$0.0763	\$0.9264
All therms over the first block per month at	\$0.3452	\$0.8041	\$0.0674	\$1.2167	\$0.3620	\$0.3066	\$0.0763	\$0.7449
<b>Commercial/Industrial - G-46</b>								
Customer Charge per Month per Meter	\$894.66			\$894.66	\$938.42			\$938.42
All therms over the first block per month at	\$0.3184	\$0.8041	\$0.0674	\$1.1899	\$0.1527	\$0.3066	\$0.0763	\$0.5356
<b>Commercial/Industrial - G-55</b>								
Customer Charge per Month per Meter	\$69.49			\$69.49	\$72.89			\$72.89
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$0.3434	\$0.8200	\$0.0674	\$1.2308	\$0.3602	\$0.3335	\$0.0763	\$0.7700
All therms over the first block per month at	\$0.2232	\$0.8200	\$0.0674	\$1.1106	\$0.2341	\$0.3335	\$0.0763	\$0.6439
<b>Commercial/Industrial - G-56</b>								
Customer Charge per Month per Meter	\$208.47			\$208.47	\$218.67			\$218.67
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$0.2949	\$0.8200	\$0.0674	\$1.1823	\$0.2241	\$0.3335	\$0.0763	\$0.6339
All therms over the first block per month at	\$0.1964	\$0.8200	\$0.0674	\$1.0838	\$0.1274	\$0.3335	\$0.0763	\$0.5372
<b>Commercial/Industrial - G-57</b>								
Customer Charge per Month per Meter	\$920.72			\$920.72	\$965.75			\$965.75
All therms over the first block per month at	\$0.2061	\$0.8200	\$0.0674	\$1.0935	\$0.1037	\$0.3335	\$0.0763	\$0.5135
<b>Commercial/Industrial - G-58</b>								
Customer Charge per Month per Meter	\$920.72			\$920.72	\$965.75			\$965.75
All therms over the first block per month at	\$0.0786	\$0.8200	\$0.0674	\$0.9660	\$0.0448	\$0.3335	\$0.0763	\$0.4546

DATED: June 22, 2018

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck

EFFECTIVE: July 01, 2018

TITLE: President

Authorized by NHPUC Order No. 26,066 dated October 31, 2017, in Docket No. DG 17-135

**27 CALCULATION OF FIRM SALES SUMMER PERIOD COST OF GAS RATE  
EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIRM SALES COST OF GAS RATE**  
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2018 THROUGH OCTOBER 31, 2018  
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 5,899,258	
Projected Prorated Sales (05/01/18 - 10/31/18)	19,395,370	
<b>Direct Cost of Gas Rate</b>		<b>\$ 0.3042 per therm</b>
<b>Demand Cost of Gas Rate</b>	<b>\$ 3,898,265</b>	<b>\$ 0.2010 per therm</b>
<b>Commodity Cost of Gas Rate</b>	<b>2,801,331</b>	<b>\$ 0.1444 per therm</b>
<b>Adjustment Cost of Gas Rate</b>	<b>(800,338)</b>	<b>\$ (0.0413) per therm</b>
<b>Total Direct Cost of Gas Rate</b>	<b>\$ 5,899,258</b>	<b>\$ 0.3042 per therm</b>
Total Anticipated Indirect Cost of Gas	\$ 177,463	
Projected Prorated Sales (05/01/18 - 10/31/18)	19,395,370	
<b>Indirect Cost of Gas</b>		<b>\$ 0.0091 per therm</b>
<b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/18</b>		<b>\$ 0.3133 per therm</b>

RESIDENTIAL COST OF GAS RATE - 05/01/2018	COGsr	\$ 0.3133 /therm
Change in rate due to change in under/over recovery		\$ 0.0783
RESIDENTIAL COST OF GAS RATE - 06/01/2018	COGsr	\$ 0.3916 /therm
Change in rate due to change in under/over recovery		\$ (0.0789)
RESIDENTIAL COST OF GAS RATE - 07/01/2018	COGsr	\$ 0.3127 /therm

Maximum (COG + 25%) \$ 0.3916

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2018	COGsl	\$ 0.3299 /therm
Change in rate due to change in under/over recovery		\$ 0.0825
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2018	COGsl	\$ 0.4124 /therm
Change in rate due to change in under/over recovery		\$ (0.0789)
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2018	COGsl	\$ 0.3335 /therm

Average Demand Cost of Gas Rate Effective 05/01/18	\$ 0.2010		
Times: Low Winter Use Ratio (Summer)	1.0892	Maximum (COG + 25%)	\$ 0.4124
Times: Correction Factor	0.9942		
Adjusted Demand Cost of Gas Rate	\$ 0.2177		
Commodity Cost of Gas Rate	\$ 0.1444		
Adjustment Cost of Gas Rate	\$ (0.0413)		
Indirect Cost of Gas Rate	\$ 0.0091		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.3299		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2018	COGsh	\$ 0.3084 /therm
Change in rate due to change in under/over recovery		\$ 0.0771
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2018	COGsh	\$ 0.3855 /therm
Change in rate due to change in under/over recovery		\$ (0.0789)
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2018	COGsl	\$ 0.3066 /therm

Average Demand Cost of Gas Rate Effective 05/01/18	\$ 0.2010		
Times: High Winter Use Ratio (Summer)	0.9820	Maximum (COG + 25%)	\$ 0.3855
Times: Correction Factor	0.9942		
Adjusted Demand Cost of Gas Rate	\$ 0.1962		
Commodity Cost of Gas Rate	\$ 0.1444		
Adjustment Cost of Gas Rate	\$ (0.0413)		
Indirect Cost of Gas Rate	\$ 0.0091		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.3084		

DATED: June 22, 2018

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: July 01, 2018

Susan L. Fleck  
President

**28 CALCULATION OF SUMMER PERIOD COST OF GAS RATE – KEENE CUSTOMERS**

Period Covered: Summer Period May 1, 2018, through October 31, 2018

Projected Gas Sales - therms	324,490
Total Anticipated Cost of Propane Sendout	\$415,169
Add: Prior Period Deficiency Uncollected Interest	\$0
	\$0
Deduct: Prior Period Excess Collected Interest	(\$87,881)
	(\$2,955)
Prior Period Adjustments and Interest	(\$90,836)
Total Anticipated Cost	<u>\$324,333</u>
Cost of Gas Rate - Beginning Period (per therm)	<u>\$0.9995</u>
Mid Period Adjustment - June 1, 2018	\$0.0770
Mid Period Adjustment - July 1, 2018	(\$0.1013)
Revised Cost of Gas Rate - Effective July 1, 2018 (per therm)	<u>\$0.9752</u>
Pursuant to tariff section 16.2(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 (per therm)	<u>\$1.2494</u>

DATED: June 22, 2018

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

EFFECTIVE: July 01, 2018

TITLE: President

Authorized by NHPUC Order No. 26,126 dated May 1, 2018 in Docket DG 18-052

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities  
 Calculation of the Projected Over or Under Collection of the  
 2018 Summer COG  
 DG 17-048

July 1, 2018

Estimated Under/(Over) Collection as of 06/1/18		\$ (130,619)
Forecasted firm Residential therm sales 6/1/18 - 10/31/18	8,746,012	
Residential Cost of Gas Rate per therm	\$ (0.3916)	
Forecasted firm C&I High Winter Use therm sales 6/1/18 - 10/31/18	1,092,247	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4124)	
Forecasted firm C&I Low Winter therm sales 6/1/18 - 10/31/18	3,178,315	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.3855)	
Forecast recovered costs at current rate 06/1/18 - 10/31/18		(5,100,621)
Revised projected gas costs 06/1/18 - 10/31/18		\$ 4,476,144
Estimated interest charged (credited) to customers 06/1/18-10/31/18		(14,839)
Projected under / (over) collection as of 10/31/18 (A)		\$ (769,935)

Actual Gas Costs through 06/1/18	\$ 1,783,146
Revised projected gas costs 07/1/18 - 10/31/18	\$ 4,461,305
Estimated total adjusted gas costs 06/1/18 - 10/31/18 (B)	\$ 6,229,613

Under/ (over) collection as percent of total gas costs (A/B)	-12.36%
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Projected under / (over) collections as of 10/31/18 (A)	\$ (769,935)
Forecasted firm therm sales 07/01/18 - 10/31/18	9,763,108
Change in rate used to reduce forecast under/(over) collection	\$ (0.0789)
Current Cost of Gas Rate	\$ 0.3916
Revised Cost of Gas Rate	\$ 0.3127
Cap - Residential Cost of Gas Rate	\$ 0.3916

LIBERTY UTILITIES - KEENE DIVISION  
PRIOR PERIOD (OVER)/UNDER COLLECTION  
SUMMER PERIOD 2018

	<u>PRIOR</u>	<u>Actual May-18</u>	<u>Estimated Jun-18</u>	<u>Estimated Jul-18</u>	<u>Estimated Aug-18</u>	<u>Estimated Sep-18</u>	<u>Estimated Oct-18</u>	<u>TOTAL</u>
<u>COSTS</u>								
1 FIRM SENDOUT (therms)		54,606	48,793	44,693	46,581	48,457	88,456	331,586
2 COMPANY USE (therms)		2,356	2,202	2,002	2,126	2,170	2,699	13,555
3 TOTAL SENDOUT (therms)		56,962	50,995	46,695	48,707	50,627	91,155	345,141
4 COST PER THERM		\$1.2055	\$1.2567	\$1.2003	\$1.1743	\$1.1608	\$1.1377	\$1.1835
5 DIRECT PROPANE PURCHASED COSTS		\$68,665	\$64,086	\$56,048	\$57,198	\$58,768	\$103,706	\$408,470
6 PROPANE COST ADJUSTMENTS		\$ (155,515)	\$0	\$0	\$0	\$0	\$0	(\$155,515)
7 CNG DEMAND CHARGES		\$ 10,417	\$0	\$0	\$0	\$0	\$0	\$10,417
8 UNAPPROVED CNG CHARGES		\$ (10,417)	\$0	\$0	\$0	\$0	\$0	(\$10,417)
9 UNBILLED PROPANE COSTS (NET)		(\$65,772)	\$65,772	\$0	\$0	\$0	\$0	\$0
10 TOTAL PROPANE COSTS		(\$152,622)	\$129,858	\$56,048	\$57,198	\$58,768	\$103,706	\$252,955
<u>REVENUES</u>								
11 FIRM SALES (therms)		111,614	41,769	44,129	38,460	35,670	38,574	310,216
12 RATE PER THERM		\$0.9995	\$1.0765	\$1.0765	\$1.0765	\$1.0765	\$1.0765	\$1.1980
13 TOTAL REVENUES		\$157,664	\$44,964	\$47,505	\$41,402	\$38,399	\$41,525	\$371,459
14 (OVER)/UNDER COLLECTION		(\$310,286)	\$84,893	\$8,543	\$15,796	\$20,370	\$62,181	(\$118,504)
15 INTEREST AMOUNT		(\$204)	(\$152)	(\$191)	(\$181)	(\$166)	(\$78)	(\$972)
16 TOTAL (OVER)/UNDER COLLECTION - FINAL	\$ 99,350	(\$310,490)	\$84,741	\$8,353	\$15,615	\$20,204	\$62,103	(\$20,126)
17 FORECASTED (OVER)/UNDER COLLECTION (before rate change)								(\$20,126)
18 DIVIDED BY REMAINING FORECASTED SALES FOR PERIOD								198,602
19 CHANGE TO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION								(\$0.1013)
20 CURRENT COST OF GAS RATE								\$1.0765
21 BEGINNING SUMMER PERIOD COST OF GAS RATE								\$0.9995
22 MAXIMUM ALLOWABLE COST OF GAS RATE								\$1.2494
23 MAXIMUM ALLOWABLE INCREASE								\$0.2499
24 REVISED COST OF GAS RATE								\$0.9752

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.1013 DECREASE TO THE COST OF GAS RATE.

	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>
25 <u>Mont Belvieu Futures Prices (per gallon)</u>						
26 <u>Summer COG Filing - quotations</u>	\$ 0.9121	\$ 0.7306	\$ 0.7294	\$ 0.7319	\$ 0.7350	\$ 0.7400
27 <u>June 1 Rate Update - 05/15/18 quotations</u>	\$ 0.9121	\$ 0.9300	\$ 0.9225	\$ 0.9200	\$ 0.9200	\$ 0.9188
28 <u>July 1 Rate Update -06/14/18 quotations</u>		\$ 0.8871	\$ 0.8846	\$ 0.8871	\$ 0.8896	\$ 0.8907