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June 24, 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
2019 Summer Period Cost of Gas – July 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 (July) calculation of its projected collection of gas costs for the 2019 summer season ending October 31, 2019.

The calculation reflects the estimated June 2019 through October 2019 NYMEX settled forward prices as of June 12, 2019. The resulting projected under collection of approximately \$1,197,780 is 17.0% of the total revised anticipated gas costs for the 2019 summer season.

The calculated revised COG is an increase of \$0.1164, which is higher than the maximum allowed rate increase of \$0.1111. Liberty elects to implement the maximum allowed rate increase in the ENNG COG (excluding Keene) for the July 1st billing cycle.

The cost of gas rates summarized in the following table reflect the maximum allowed increase for each rate class.

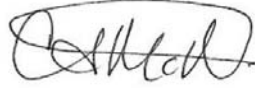
	Cost of Gas Rates		
	<u>Current Rate</u>	<u>Revised Rate</u>	<u>Change</u>
Residential	\$0.4445	\$0.5556	\$0.1111
Commercial/Industrial High Winter Use	\$0.4417	\$0.5521	\$0.1104
Commercial/Industrial Low Winter Use	\$0.4506	\$0.5633	\$0.1127

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

Debra A. Howland
DG 18-137
Page 2

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

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
 Calculation of the Projected Over or Under Collection of the
 2019 Summer COG
 DG 18-137

July 1, 2019

Estimated Under/(Over) Collection as of 05/31/19		\$ 2,417,608
Forecasted firm Residential therm sales 06/01/19 - 10/31/19	8,650,502	
Residential Cost of Gas Rate per therm	\$ (0.4445)	
Forecasted firm C&I High Winter Use therm sales 06/01/19 - 10/31/19	3,256,287	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4417)	
Forecasted firm C&I Low Winter therm sales 06/01/19 - 10/31/19	1,769,493	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4506)	
Forecast recovered costs at current rate 06/01/19 - 10/31/19		(6,080,784)
Revised projected gas costs 06/01/19 - 10/31/19		\$ 4,842,300
Estimated interest charged (credited) to customers 06/01/19 - 10/31/19		18,656
Projected under / (over) collection as of 10/31/19 (A)		\$ 1,197,780

Actual Gas Costs through 05/30/19	\$ 2,150,828
Revised projected gas costs 06/01/19 - 10/31/19	\$ 4,860,956
Estimated total adjusted gas costs 06/01/19 - 10/31/19 (B)	\$ 7,030,439

Under/ (over) collection as percent of total gas costs (A/B)	17.04%
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Projected under / (over) collections as of 10/31/19 (A)	\$ 1,197,780
Forecasted firm therm sales 07/01/19 - 10/31/19	10,285,890
Change in rate used to increase forecast under/(over) collection	\$ 0.1164
Current Cost of Gas Rate	\$ 0.4445
Revised Cost of Gas Rate	\$ 0.5609
Cap - Residential Cost of Gas Rate	\$ 0.5556

ENERGYNORTH NATURAL GAS, INC.

Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-19 (Actual)	Jun-19 (Estimate)	Jul-19 (Estimate)	Aug-19 (Estimate)	Sep-19 (Estimate)	Oct-19 (Estimate)	Total Peak
Total Gas Costs		\$ 2,133,507	\$ 1,177,582	\$ 958,303	\$ 933,136	\$ 983,873	\$ 1,591,558	\$ 7,777,959
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	(4,620)	43,550	45,056	83,986
Broker Revenue		-	(145,291)	(57,798)	(260,455)	(87,418)	(56,671)	(607,634)
Off System and Capacity Release		-	(10,385)	(9,523)	(8,400)	(14,105)	(12,378)	(54,791)
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		3,386	(52,983)	(30,957)	(27,147)	(36,135)	(65,283)	(209,120)
Working Capital		2,054	(3,311)	(1,935)	(1,697)	(2,258)	(4,080)	(11,228)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		415	415	415	415	415	415	2,489
Total Indirect Costs		\$ 5,854	\$ (211,556)	\$ (99,798)	\$ (301,904)	\$ (95,952)	\$ (92,942)	\$ (796,298)
Interest		11,467	2,328	3,219	4,228	4,706	4,174	\$ 30,123
Total Gas Costs plus Indirect Costs	\$ 1,994,622	2,150,828	968,354	861,724	635,461	892,627	1,502,791	\$ 9,006,406
Total Forecasted Sales Volumes		12,186,560	3,390,393	2,013,730	1,775,621	2,337,384	4,159,155	25,862,843
Total Forecasted Collections		1,727,842	1,506,536	895,333	789,998	1,040,034	1,848,883	\$ 7,808,626
With Rate Adjustment	Beginning Under/(Over)	May-19 (Actual)	Jun-19 (Estimate)	Jul-19 (Estimate)	Aug-19 (Estimate)	Sep-19 (Estimate)	Oct-19 (Estimate)	Total Peak
Total Gas Costs		\$ 2,133,507	\$ 1,177,582	\$ 958,303	\$ 933,136	\$ 983,873	\$ 1,591,558	\$ 7,777,959
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	(4,620)	43,550	45,056	83,986
Broker Revenue		-	(145,291)	(57,798)	(260,455)	(87,418)	(56,671)	(607,634)
Off System and Capacity Release		-	(10,385)	(9,523)	(8,400)	(14,105)	(12,378)	(54,791)
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		3,386	(52,983)	(30,957)	(27,147)	(36,135)	(65,283)	(209,120)
Working Capital		2,054	(3,311)	(1,935)	(1,697)	(2,258)	(4,080)	(11,228)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		415	415	415	415	415	415	2,489
Total Indirect Costs		\$ 5,854	\$ (211,556)	\$ (99,798)	\$ (301,904)	\$ (95,952)	\$ (92,942)	\$ (796,298)
Interest		11,467	2,328	3,219	4,228	4,706	3,672	\$ 29,621
Total Gas Costs plus Indirect Costs	\$ 1,994,622	2,150,828	968,354	861,724	635,461	892,627	1,502,289	\$ 9,005,904
Total Forecasted Sales Volumes		12,186,560	3,390,393	2,013,730	1,775,621	2,337,384	4,159,155	25,862,843
Total Forecasted Collections		1,727,842	1,506,536	1,129,731	996,680	1,312,106	2,333,008	\$ 9,005,904

**Liberty Utilities (EnergyNorth Natural Gas) Corp.
Off Peak 2019 Summer Cost of Gas Filing**

Filed Tariff Sheets

Proposed Twenty-Fifth Revised Page 1
Check Sheet

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

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

Proposed Twelfth Revised Page 84
Firm Rate Schedules

Proposed Twelfth Revised Page 86
Firm Rate Schedules

Proposed Seventh Revised Page 89
Calculation of Firm Sales Cost of Gas Rate

<u>Page</u>	<u>Revision</u>
Title	Original
TOC i	Third Revised
TOC ii	Second Revised
TOC iii	Second Revised
TOC iv	First Revised
1	Twenty-fifth Revised
2	Fifth Revised
3	Twentieth Revised
4	Twentieth Revised
5	Second Revised
6	Second Revised
7	Second Revised
7A	Original
8	Second 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

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

EFFECTIVE: July 01, 2019

TITLE: President

<u>Page</u>	<u>Revision</u>
56	Third Revised
57	Original
58	Second Revised
59	Original
60	Second Revised
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62	Second Revised
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64	Second Revised
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66	Second Revised
67	Original
68	Third Revised
69	Original
70	Second Revised
71	Original
72	Second Revised
73	Original
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	Twelfth Revised
85	Fourteenth Revised
86	Twelfth Revised

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Susan L. Fleck

TITLE: President

<u>Page</u>	<u>Revision</u>
87	First Revised
88	First Revised
89	Seventh Revised
90	Seventh Revised
91	First Revised
92	Fifth Revised
93	Sixth Revised
94	Second Revised
95	Second Revised
96	First Revised
97	First Revised
97A	Original
97B	Original
98	Original
99	Original
100	Original
101	Original
102	Original
103	Original
104	Original
105	Original
106	Original
107	Original
108	Original
109	Original
110	Original
111	Original
112	Original
113	Original
114	Original
115	Original
116	Original
117	Original

ISSUED: June 24, 2019

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Susan L. Fleck

TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	Rates effective April 1, 2019 - April 30, 2019 Winter Period				Rates Effective July 1, 2019 - October 31, 2019 Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 89</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-1</u>								
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	\$ 0.5556	\$ 0.0660	\$ 0.9957
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
All therms					all therms			
Therms in the first block per month at	\$ 0.5502	\$ 0.5825	\$ 0.0660	\$ 1.1987	\$ 0.5502	\$ 0.5556	\$ 0.0660	\$ 1.1718
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$ 6.01			\$ 6.01	\$ 6.01			\$ 6.01
All therms					all therms			
Therms in the first block per month at	\$ 0.2201	\$ 0.5825	\$ 0.0660	\$ 0.8686	\$ 0.2201	\$ 0.5556	\$ 0.0660	\$ 0.8417
<u>Commercial/Industrial - G-41</u>								
Customer Charge per Month per Meter	\$ 55.68			\$ 55.68	\$ 55.68			\$ 55.68
Size of the first block					20 therms			
Therms in the first block per month at	\$ 0.4566	\$ 0.5817	\$ 0.0757	\$ 1.1140	\$ 0.4566	\$ 0.5521	\$ 0.0757	\$ 1.0844
All therms over the first block per month at	\$ 0.3067	\$ 0.5817	\$ 0.0757	\$ 0.9641	\$ 0.3067	\$ 0.5521	\$ 0.0757	\$ 0.9345
<u>Commercial/Industrial - G-42</u>								
Customer Charge per Month per Meter	\$ 167.06			\$ 167.06	\$ 167.06			\$ 167.06
Size of the first block					400 therms			
Therms in the first block per month at	\$ 0.4152	\$ 0.5817	\$ 0.0757	\$ 1.0726	\$ 0.4152	\$ 0.5521	\$ 0.0757	\$ 1.0430
All therms over the first block per month at	\$ 0.2766	\$ 0.5817	\$ 0.0757	\$ 0.9340	\$ 0.2766	\$ 0.5521	\$ 0.0757	\$ 0.9044
<u>Commercial/Industrial - G-43</u>								
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	\$ 0.5521	\$ 0.0757	\$ 0.7445
<u>Commercial/Industrial - G-51</u>								
Customer Charge per Month per Meter	\$ 55.68			\$ 55.68	\$ 55.68			\$ 55.68
Size of the first block					100 therms			
Therms in the first block per month at	\$ 0.2752	\$ 0.5870	\$ 0.0757	\$ 0.9379	\$ 0.2752	\$ 0.5633	\$ 0.0757	\$ 0.9142
All therms over the first block per month at	\$ 0.1789	\$ 0.5870	\$ 0.0757	\$ 0.8416	\$ 0.1789	\$ 0.5633	\$ 0.0757	\$ 0.8179
<u>Commercial/Industrial - G-52</u>								
Customer Charge per Month per Meter	\$ 167.06			\$ 167.06	\$ 167.06			\$ 167.06
Size of the first block					1000 therms			
Therms in the first block per month at	\$ 0.2363	\$ 0.5870	\$ 0.0757	\$ 0.8990	\$ 0.1712	\$ 0.5633	\$ 0.0757	\$ 0.8102
All therms over the first block per month at	\$ 0.1574	\$ 0.5870	\$ 0.0757	\$ 0.8201	\$ 0.0973	\$ 0.5633	\$ 0.0757	\$ 0.7363
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$ 737.84			\$ 737.84	\$ 737.84			\$ 737.84
All therms over the first block per month at	\$ 0.1652	\$ 0.5870	\$ 0.0757	\$ 0.8279	\$ 0.0792	\$ 0.5633	\$ 0.0757	\$ 0.7182
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$ 737.84			\$ 737.84	\$ 737.84			\$ 737.84
All therms over the first block per month at	\$ 0.0630	\$ 0.5870	\$ 0.0757	\$ 0.7257	\$ 0.0342	\$ 0.5633	\$ 0.0757	\$ 0.6732

ISSUED: June 24, 2019

EFFECTIVE: July 01, 2019

ISSUED BY: /s/Susan L. Fleck

Susan L. Fleck
President

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

	Rates effective April 1, 2019 - April 30, 2019 Winter Period				Rates Effective July 1, 2019 - October 31, 2019 Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 89</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-5</u>								
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	\$ 0.5556	\$ 0.0660	\$ 1.1079
<u>Residential Heating - R-6</u>								
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	\$ 0.5556	\$ 0.0660	\$ 1.3369
<u>Residential Heating - R-7</u>								
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	\$ 0.5556	\$ 0.0660	\$ 0.9077
<u>Commercial/Industrial - G-44</u>								
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	\$ 0.5521	\$ 0.0757	\$ 1.2214
All therms over the first block per month at	\$0.3987	\$0.5817	\$0.0757	\$ 1.0561	\$ 0.3987	\$ 0.5521	\$ 0.0757	\$ 1.0265
<u>Commercial/Industrial - G-45</u>								
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	\$ 0.5521	\$ 0.0757	\$ 1.1676
All therms over the first block per month at	\$0.3596	\$0.5817	\$0.0757	\$ 1.0170	\$ 0.3596	\$ 0.5521	\$ 0.0757	\$ 0.9874
<u>Commercial/Industrial - G-46</u>								
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	\$ 0.5521	\$ 0.0757	\$ 0.7795
<u>Commercial/Industrial - G-55</u>								
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	\$ 0.5633	\$ 0.0757	\$ 0.9968
All therms over the first block per month at	\$0.2326	\$0.5870	\$0.0757	\$ 0.8953	\$ 0.2326	\$ 0.5633	\$ 0.0757	\$ 0.8716
<u>Commercial/Industrial - G-56</u>								
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	\$ 0.5633	\$ 0.0757	\$ 0.8616
All therms over the first block per month at	\$0.2046	\$0.5870	\$0.0757	\$ 0.8673	\$ 0.1265	\$ 0.5633	\$ 0.0757	\$ 0.7655
<u>Commercial/Industrial - G-57</u>								
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	\$ 0.5633	\$ 0.0757	\$ 0.7420
<u>Commercial/Industrial - G-58</u>								
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	\$ 0.5633	\$ 0.0757	\$ 0.6835

ISSUED: June 24, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: July 01, 2019

Susan L. Fleck
President

TITLE: President

**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, 2019 THROUGH OCTOBER 31, 2019
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 8,661,183	
Projected Prorated Sales (05/01/19 - 10/31/19)	19,890,267	
Direct Cost of Gas Rate		\$ 0.4354 per therm
Demand Cost of Gas Rate	\$ 4,372,669	\$ 0.2198 per therm
Commodity Cost of Gas Rate	3,630,034	\$ 0.1825 per therm
Adjustment Cost of Gas Rate	658,480	\$ 0.0331 per therm
Total Direct Cost of Gas Rate	\$ 8,661,183	\$ 0.4354 per therm
Total Anticipated Indirect Cost of Gas	\$ 181,903	
Projected Prorated Sales (05/01/19 - 10/31/19)	19,890,267	
Indirect Cost of Gas		\$ 0.0091 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/19		\$ 0.4445 per therm

RESIDENTIAL COST OF GAS RATE - 05/01/2019	COGsr	\$ 0.4445 /therm
Change in rate due to change in under/over recovery		\$ -
RESIDENTIAL COST OF GAS RATE - 06/01/2019	COGsr	\$ 0.4445 /therm
Change in rate due to change in under/over recovery		\$ 0.1111
RESIDENTIAL COST OF GAS RATE - 07/01/2019	COGsr	\$ 0.5556 /therm

Maximum (COG + 25%) \$ 0.5556

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2019	COGsl	\$ 0.4506 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2019	COGsl	\$ 0.4506 /therm
Change in rate due to change in under/over recovery		\$ 0.1127
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2019	COGsl	\$ 0.5633 /therm

Average Demand Cost of Gas Rate Effective 05/01/19	\$ 0.2198		
Times: Low Winter Use Ratio (Summer)	1.0335	Maximum (COG + 25%)	\$ 0.5633
Times: Correction Factor	0.9943		
Adjusted Demand Cost of Gas Rate	\$ 0.2259		
Commodity Cost of Gas Rate	\$ 0.1825		
Adjustment Cost of Gas Rate	\$ 0.0331		
Indirect Cost of Gas Rate	\$ 0.0091		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.4506		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2019	COGsh	\$ 0.4417 /therm
Change in rate due to change in under/over recovery		\$ -
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2019	COGsh	\$ 0.4417 /therm
Change in rate due to change in under/over recovery		\$ 0.1104
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2019	COGsl	\$ 0.5521 /therm

Average Demand Cost of Gas Rate Effective 05/01/19	\$ 0.2198		
Times: High Winter Use Ratio (Summer)	0.9930	Maximum (COG + 25%)	\$ 0.5521
Times: Correction Factor	0.9943		
Adjusted Demand Cost of Gas Rate	\$ 0.2170		
Commodity Cost of Gas Rate	\$ 0.1825		
Adjustment Cost of Gas Rate	\$ 0.0331		
Indirect Cost of Gas Rate	\$ 0.0091		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.4417		

ISSUED: June 24, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: July 01, 2019

Susan L. Fleck
TITLE: President