DG 16-814

Liberty Utilities

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RECEIVED
JUL 24 2017
NH PUBLIC UTILITIES COMMISSION

July 24, 2017

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 16-814 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a/ Liberty Utilities 2017 Summer Period Cost of Gas – August 2017 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. 25,958 (October 26, 2016) in Docket DG 16-814, I enclose for filing the Company's current (August) calculation of its projected over or under collection of gas costs for the 2017 summer season ending October 31, 2017.

The calculation reflects the actual May 2017 through October 2017 NYMEX settled forward prices as of July 14, 2017. The resulting projected under collection of approximately $323,225 is 3.14% of the total revised anticipated gas costs for the 2017 summer season.

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

	Cost of Gas Rates		
	Current Rate	Revised Rate	Change
Residential	$0.4368	$0.4725	$0.0357
Commercial/Industrial High Winter Use	$0.4206	$0.4563	$0.0357
Commercial/Industrial Low Winter Use	$0.4574	$0.4931	$0.0357

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

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

Sincerely,

David B. Simek

Enclosures

cc: Service List

15 Buttrick Road, Londonderry, NH 03053

Liberty Utilities (EnergyNorth Natural Gas) Corp.
2016 - 2017 Winter & 2017 Summer Cost of Gas Filing

Filed Tariff Sheets

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Firm Rate Schedules

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Firm Rate Schedules

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Calculation of Firm Sales Cost of Gas Rate

CHECK SHEET

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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Issued: July 24, 2017
Effective: August 1, 2017

Issued by: /s/ James M. Sweeney
James M. Sweeney
Title: President

Issued in compliance with NHPUC Order No. 26,036 dated June 30, 2017 in Docket No. DG 16-814.

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$16.88			$ 16.88	$ 16.88			$ 16.88
All therms	$ 0.2231	$ 0.4002	$ 0.0640	$ 0.6873	$ 0.2231	$ 0.4725	$ 0.0640	$ 0.7596
Residential Heating - R-3								
Customer Charge per Month per Meter	$24.43			$ 24.43	$ 24.43			$ 24.43
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.3863	$ 0.4002	$ 0.0640	$ 0.8505	$ 0.3863	$ 0.4725	$ 0.0640	$ 0.9228
All therms over the first block per month at	$ 0.3197	$ 0.4002	$ 0.0640	$ 0.7839	$ 0.3197	$ 0.4725	$ 0.0640	$ 0.8562
Residential Heating - R-4								
Customer Charge per Month per Meter	$9.77			$ 9.77	$ 9.77			$ 9.77
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.1545	$ 0.4002	$ 0.0640	$ 0.6187	$ 0.1545	$ 0.4725	$ 0.0640	$ 0.6910
All therms over the first block per month at	$ 0.1278	$ 0.4002	$ 0.0640	$ 0.5920	$ 0.1278	$ 0.4725	$ 0.0640	$ 0.6643
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	$53.45			$ 53.45	$ 53.45			$ 53.45
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.4383	$ 0.3961	$ 0.0450	$ 0.8794	$ 0.4383	$ 0.4563	$ 0.0450	$ 0.9396
All therms over the first block per month at	$ 0.2944	$ 0.3961	$ 0.0450	$ 0.7355	$ 0.2944	$ 0.4563	$ 0.0450	$ 0.7957
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	$160.36			$ 160.36	$ 160.36			$ 160.36
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.3986	$ 0.3961	$ 0.0450	$ 0.8397	$ 0.3986	$ 0.4563	$ 0.0450	$ 0.8999
All therms over the first block per month at	$ 0.2655	$ 0.3961	$ 0.0450	$ 0.7066	$ 0.2655	$ 0.4563	$ 0.0450	$ 0.7668
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	$688.20			$ 688.20	$ 688.20			$ 688.20
All therms over the first block per month at	$ 0.2449	$ 0.3961	$ 0.0450	$ 0.6860	$ 0.1120	$ 0.4563	$ 0.0450	$ 0.6133
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	$53.45			$ 53.45	$ 53.45			$ 53.45
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.2642	$ 0.4145	$ 0.0450	$ 0.7237	$ 0.2642	$ 0.4931	$ 0.0450	$ 0.8023
All therms over the first block per month at	$ 0.1717	$ 0.4145	$ 0.0450	$ 0.6312	$ 0.1717	$ 0.4931	$ 0.0450	$ 0.7098
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	$160.36			$ 160.36	$ 160.36			$ 160.36
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.2268	$ 0.4145	$ 0.0450	$ 0.6863	$ 0.1644	$ 0.4931	$ 0.0450	$ 0.7025
All therms over the first block per month at	$ 0.1511	$ 0.4145	$ 0.0450	$ 0.6106	$ 0.0934	$ 0.4931	$ 0.0450	$ 0.6315
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	$708.24			$ 708.24	$ 708.24			$ 708.24
All therms over the first block per month at	$ 0.1585	$ 0.4145	$ 0.0450	$ 0.6180	$ 0.0760	$ 0.4931	$ 0.0450	$ 0.6141
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	$708.24			$ 708.24	$ 708.24			$ 708.24
All therms over the first block per month at	$ 0.0605	$ 0.4145	$ 0.0450	$ 0.5200	$ 0.0328	$ 0.4931	$ 0.0450	$ 0.5709

Issued by: /s/ James M. Sweeney
James M. Sweeney
Title: President

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Effective: August 1, 2017

Issued in compliance with NHPUC Order No. 26,036 dated June 30, 2017 in Docket No. DG 16-814 .

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	$7.22			$ 7.22	$ 7.22			$ 7.22
All therms	$ 0.0954	$ 0.4002	$ 0.0640	$ 0.5596	$ 0.0954	$ 0.4725	$ 0.0640	$ 0.6319
Residential Heating - R-6								
Customer Charge per Month per Meter	$10.44			$ 10.44	$ 10.44			$ 10.44
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.1651	$ 0.4002	$ 0.0640	$ 0.6293	$ 0.1651	$ 0.4725	$ 0.0640	$ 0.7016
All therms over the first block per month at	$ 0.1366	$ 0.4002	$ 0.0640	$ 0.6008	$ 0.1366	$ 0.4725	$ 0.0640	$ 0.6731
Residential Heating - R-7								
Customer Charge per Month per Meter	$4.18			$ 4.18	$ 4.18			$ 4.18
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.0661	$ 0.4002	$ 0.0640	$ 0.5303	$ 0.0661	$ 0.4725	$ 0.0640	$ 0.6026
All therms over the first block per month at	$ 0.0546	$ 0.4002	$ 0.0640	$ 0.5188	$ 0.0546	$ 0.4725	$ 0.0640	$ 0.5911
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	$22.85			$ 22.85	$ 22.85			$ 22.85
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.1873	$ 0.3961	$ 0.0450	$ 0.6284	$ 0.1873	$ 0.4563	$ 0.0450	$ 0.6886
All therms over the first block per month at	$ 0.1258	$ 0.3961	$ 0.0450	$ 0.5669	$ 0.1258	$ 0.4563	$ 0.0450	$ 0.6271
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	$68.55			$ 68.55	$ 68.55			$ 68.55
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.1704	$ 0.3961	$ 0.0450	$ 0.6115	$ 0.1704	$ 0.4563	$ 0.0450	$ 0.6717
All therms over the first block per month at	$ 0.1135	$ 0.3961	$ 0.0450	$ 0.5546	$ 0.1135	$ 0.4563	$ 0.0450	$ 0.6148
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	$294.18			$ 294.18	$ 294.18			$ 294.18
All therms over the first block per month at	$ 0.1047	$ 0.3961	$ 0.0450	$ 0.5458	$ 0.0479	$ 0.4563	$ 0.0450	$ 0.5492
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	$22.85			$ 22.85	$ 22.85			$ 22.85
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.1129	$ 0.4145	$ 0.0450	$ 0.5724	$ 0.1129	$ 0.4931	$ 0.0450	$ 0.6510
All therms over the first block per month at	$ 0.0734	$ 0.4145	$ 0.0450	$ 0.5329	$ 0.0734	$ 0.4931	$ 0.0450	$ 0.6115
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	$68.55			$ 68.55	$ 68.55			$ 68.55
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.0970	$ 0.4145	$ 0.0450	$ 0.5565	$ 0.0703	$ 0.4931	$ 0.0450	$ 0.6084
All therms over the first block per month at	$ 0.0646	$ 0.4145	$ 0.0450	$ 0.5241	$ 0.0399	$ 0.4931	$ 0.0450	$ 0.5780
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	$302.75			$ 302.75	$ 302.75			$ 302.75
All therms over the first block per month at	$ 0.0678	$ 0.4145	$ 0.0450	$ 0.5273	$ 0.0325	$ 0.4931	$ 0.0450	$ 0.5706
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	$302.75			$ 302.75	$ 302.75			$ 302.75
All therms over the first block per month at	$ 0.0258	$ 0.4145	$ 0.0450	$ 0.4853	$ 0.0140	$ 0.4931	$ 0.0450	$ 0.5521

Issued: July 24, 2017
Effective: August 1, 2017

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Title: President

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CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2017 THROUGH OCTOBER 31, 2017
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	$ 9,323,101		
Projected Prorated Sales (05/01/17 - 10/31/17)	22,215,128		
Direct Cost of Gas Rate		$ 0.4197	per therm
Demand Cost of Gas Rate	$ 4,376,173	$ 0.1970	per therm
Commodity Cost of Gas Rate	5,695,082	$ 0.2564	per therm
Adjustment Cost of Gas Rate	(748,154)	$ (0.0337)	per therm
Total Direct Cost of Gas Rate	$ 9,323,101	$ 0.4197	per therm
Total Anticipated Indirect Cost of Gas	$ 379,944		
Projected Prorated Sales (05/01/17 - 10/31/17)	22,215,128		
Indirect Cost of Gas		$ 0.0171	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/17		**$ 0.4368**	**per therm**

RESIDENTIAL COST OF GAS RATE - 05/01/2017	**COGsr**	**$ 0.4368**	**/therm**
Change in rate due to change in under/over recovery		**$ 0.0357**	
RESIDENTIAL COST OF GAS RATE - 08/01/2017	**COGsr**	**$ 0.4725**	**/therm**
	Maximum (COG + 25%)	$ 0.5460	
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2017	**COGsl**	**$ 0.4574**	**/therm**
Change in rate due to change in under/over recovery		**$ 0.0357**	
COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/2017	**COGsl**	**$ 0.4931**	**/therm**

Average Demand Cost of Gas Rate Effective 05/01/17	$ 0.1970		
'Times: Low Winter Use Ratio (Summer)	1.1637	Maximum (COG + 25%)	$ 0.5718
Times: Correction Factor	0.9493		
Adjusted Demand Cost of Gas Rate	$ 0.2176		
Commodity Cost of Gas Rate	$ 0.2564		
Adjustment Cost of Gas Rate	$ (0.0337)		
Indirect Cost of Gas Rate	$ 0.0171		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	$ 0.4574		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2017	**COGsh**	**$ 0.4206**	**/therm**
Change in rate due to change in under/over recovery		**$ 0.0357**	
COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2014	**COGsh**	**$ 0.4563**	**/therm**

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James M. Sweeney
Title: President

Issued in compliance with NHPUC Order No. 25,958 dated October 26, 2016 in Docket No. DG 16-814.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
Calculation of the Projected Over or Under Collection of the
2017 Summer COG
DG 16-814

August 1, 2017

Estimated Under/(Over) Collection as of 07/1/17		$ (1,384,381)
Forecasted firm Residential therm sales 8/1/17 - 10/31/17	5,549,612	
Residential Cost of Gas Rate per therm	$ (0.4368)	
Forecasted firm C&I High Winter Use therm sales 8/1/17 - 10/31/17	1,607,028	
C&I- High Winter Use Cost of Gas Rate per therm	$ (0.4206)	
Forecasted firm C&I Low Winter therm sales 8/1/17 - 10/31/17	1,894,566	
C&I- Low Winter Use Cost of Gas Rate per therm	$ (0.4574)	
Forecasted firm Residential therm sales 7/1/17 - 7/31/17	1,120,372	
Residential Cost of Gas Rate per therm	$ (0.4368)	
Forecasted firm C&I High Winter Use therm sales 7/1/17 - 7/31/17	605,721	
C&I- High Winter Use Cost of Gas Rate per therm	$ (0.4206)	
Forecasted firm C&I Low Winter Use therm sales 7/1/17 - 7/31/17	549,734	
C&I- Low Winter Use Cost of Gas Rate per therm	$ (0.4574)	
Forecast recovered costs at current rate 05/1/17 - 10/31/17		(4,962,154)
Revised projected gas costs 07/1/17 - 10/31/17		$ 6,680,615
Estimated interest charged (credited) to customers 07/1/17-10/31/17		(10,855)
Projected under / (over) collection as of 10/31/17 (A)		$ 323,225

Actual Gas Costs through 07/1/17	$ 3,633,863	
Revised projected gas costs 07/1/17 - 10/31/17	$ 6,680,615	
Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B)		$ 10,303,623

Under/ (over) collection as percent of total gas costs (A/B)	3.14%

Projected under / (over) collections as of 10/31/17 (A)	$ 323,225
Forecasted firm therm sales 8/1/17 - 10/31/17	9,051,206
Change in rate used to reduce forecast under/(over) collection	$ 0.0357
Current Cost of Gas Rate	$ 0.4368
Revised Cost of Gas Rate	$ 0.4725
Cap - Residential Cost of Gas Rate	$ 0.5146

ENERGYNORTH NATURAL GAS, INC.
Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-17 (Estimate)	Jun-17 (Estimate)	Jul-17 (Estimate)	Aug-17 (Estimate)	Sep-17 (Estimate)	Oct-17 (Estimate)	Total Summer
Total Gas Costs		$ 1,974,428	$ 1,658,954	$ 1,477,557	$ 1,320,118	$ 1,361,129	$ 2,270,538	$ 10,062,723
Adjustments and Indirect Costs								
Refunds & Adjustments		$ -	$ -	$ -	$ -	$ -	$ -	$ -
COG Bad Debt		(127,161)	(48,939)	-	-	-	-	(176,100)
Fuel Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		162,617	9,513	54,945	48,584	50,241	86,983	412,884
Working Capital		4,552	(961)	2,022	1,807	1,863	3,107	12,390
Misc Overhead		430	430	430	430	430	430	2,581
Production & Storage		-	-	-	-	-	-	-
Total Indirect Costs		$ 40,438	$ (39,958)	$ 57,397	$ 50,821	$ 52,534	$ 90,521	$ 251,754
Interest		$ (599)	$ 5,015	$ (2,181)	$ (1,926)	$ (2,479)	$ (4,269)	$ (6,438)
Total Gas Costs plus Indirect Costs	$ (1,973,966)	$ 2,014,268	$ 1,624,012	$ 1,532,773	$ 1,369,013	$ 1,411,184	$ 2,356,790	$ 8,334,073
Total Forecasted Sales Volumes		6,998,491	3,747,283	2,275,828	2,009,537	2,586,813	4,454,856	22,072,807
Total Forecasted Collections		$ 1,221,942	$ 1,826,751	$ 995,593	$ 882,548	$ 1,136,833	$ 1,947,179	$ 8,010,848

With Rate Adjustment	Beginning Under/(Over)	May-17 (Estimate)	Jun-17 (Estimate)	Jul-17 (Estimate)	Aug-17 (Estimate)	Sep-17 (Estimate)	Oct-17 (Estimate)	Total Summer
Total Gas Costs		$ 1,974,428	$ 1,658,954	$ 1,477,557	$ 1,320,118	$ 1,361,129	$ 2,270,538	$ 10,062,723
Adjustments and Indirect Costs								
Refunds & Adjustments		$ -	$ -	$ -	$ -	$ -	$ -	$ -
COG Bad Debt		(127,161)	(48,939)	-	-	-	-	(176,100)
Fuel Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		162,617	9,513	54,945	48,584	50,241	86,983	412,884
Working Capital		4,552	(961)	2,022	1,807	1,863	3,107	12,390
Misc Overhead		430	430	430	430	430	430	2,581
Production & Storage		-	-	-	-	-	-	-
Total Indirect Costs		$ 40,438	$ (39,958)	$ 57,397	$ 50,821	$ 52,534	$ 90,521	$ 251,754
Interest		$ (599)	$ 5,015	$ (2,181)	$ (1,926)	$ (2,479)	$ (4,366)	$ (6,535)
Total Gas Costs plus Indirect Costs	$ (1,973,966)	$ 2,014,268	$ 1,624,012	$ 1,532,773	$ 1,369,013	$ 1,411,184	$ 2,356,693	$ 8,333,976
Total Forecasted Sales Volumes		6,998,491	3,747,283	2,275,828	2,009,537	2,586,813	4,454,856	22,072,807
Total Forecasted Collections		$ 1,221,942	$ 1,826,751	$ 995,593	$ 954,289	$ 1,229,182	$ 2,106,218	$ 8,333,976