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May 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 – June 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 dated October 26, 2016, in Docket DG 16-814, I enclose for filing the Company's current (June) 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 May 18, 2017. The resulting projected over collection of approximately \$590,305 is 5.35% 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.

	<b>Current Rate</b>	<b>Revised Rate</b>	Change				
Residential	\$0.4368	\$0.4368	\$0.0000				
Commercial/Industrial High Winter Use	\$0.4206	\$0.4206	\$0.0000				
Commercial/Industrial Low Winter Use	\$0.4574	\$0.4574	\$0.0000				

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

Debra A. Howland DG 16-814 Page 2

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

## **Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities** Calculation of the Projected Over or Under Collection of the

Calculation of the Projected Over or Under Collection of the 2017 Summer COG DG 16-814

June 1, 2017

Forecasted firm Residential therm sales 6/1/17 - 10/31/17 Residential Cost of Gas Rate per therm S	Estimated Under/(Over) Collection as of 05/1/17		\$ (1,973,966)
Forecasted firm C&I High Winter Use therm sales 5/1/17 - 5/31/17	Residential Cost of Gas Rate per therm Forecasted firm C&I High Winter Use therm sales 6/1/17 - 10/31/17 C&I- High Winter Use Cost of Gas Rate per therm Forecasted firm C&I Low Winter therm sales 6/1/17 - 10/31/17 C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4368) 3,293,150 (0.4206) 3,131,712 (0.4574)	
Revised projected gas costs 05/1/17 - 10/31/17 \$ 11,046,278  Estimated interest charged (credited) to customers 05/1/17-10/31/17 (21,152)  Projected under / (over) collection as of 10/31/17 (A) \$ (590,305)  Actual Gas Costs through 05/1/17 \$ -  Revised projected gas costs 05/1/17 - 10/31/17 \$ 11,046,278  Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B) \$ 11,025,126  Under/ (over) collection as percent of total gas costs (A/B) \$ (590,305)  Projected under / (over) collections as of 10/31/17 (A) \$ (590,305)  Forecasted firm therm sales 6/1/17 - 10/31/17 15,074,316  Change in rate used to reduce forecast under/(over) collection \$ (0.0392)  Current Cost of Gas Rate \$ 0.4368  Revised Cost of Gas Rate \$ 0.3976	Forecasted firm C&I High Winter Use therm sales 5/1/17 - 5/31/17 C&I- High Winter Use Cost of Gas Rate per therm Forecasted firm C&I Low Winter Use therm sales 5/1/17 - 5/31/17	\$ 1,931,480 (0.4206) 980,009	
Estimated interest charged (credited) to customers 05/1/17-10/31/17 (21,152)  Projected under / (over) collection as of 10/31/17 (A) \$ (590,305)  Actual Gas Costs through 05/1/17 \$ - Revised projected gas costs 05/1/17 - 10/31/17 \$ 11,046,278  Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B) \$ 11,025,126  Under/ (over) collection as percent of total gas costs (A/B) \$ -5.35%  Projected under / (over) collections as of 10/31/17 (A) \$ (590,305)  Forecasted firm therm sales 6/1/17 - 10/31/17 15,074,316  Change in rate used to reduce forecast under/(over) collection \$ (0.0392)  Current Cost of Gas Rate \$ 0.4368  Revised Cost of Gas Rate \$ 0.3976			, , ,
Projected under / (over) collection as of 10/31/17 (A)       \$ (590,305)         Actual Gas Costs through 05/1/17       \$ -         Revised projected gas costs 05/1/17 - 10/31/17       \$ 11,046,278         Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B)       \$ 11,025,126         Under/ (over) collection as percent of total gas costs (A/B)       -5.35%         Projected under / (over) collections as of 10/31/17 (A)       \$ (590,305)         Forecasted firm therm sales 6/1/17 - 10/31/17       15,074,316         Change in rate used to reduce forecast under/(over) collection       \$ (0.0392)         Current Cost of Gas Rate       \$ 0.4368         Revised Cost of Gas Rate       \$ 0.3976			\$ 11,046,278
Actual Gas Costs through 05/1/17  Revised projected gas costs 05/1/17 - 10/31/17  Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B)  Under/ (over) collection as percent of total gas costs (A/B)  Projected under / (over) collections as of 10/31/17 (A)  Forecasted firm therm sales 6/1/17 - 10/31/17  Change in rate used to reduce forecast under/(over) collection  \$ 0.4368  Revised Cost of Gas Rate  \$ 0.4368  Revised Cost of Gas Rate  \$ 0.3976	Estimated interest charged (credited) to customers 05/1/17-10/31/17		(21,152)
Revised projected gas costs 05/1/17 - 10/31/17 \$\frac{11,046,278}{\text{11,046,278}}\$  Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B) \$\frac{11,025,126}{\text{11,025,126}}\$  Under/ (over) collection as percent of total gas costs (A/B) \$-5.35%  Projected under / (over) collections as of 10/31/17 (A) \$\frac{(590,305)}{\text{590,305}}\$  Forecasted firm therm sales 6/1/17 - 10/31/17 \$15,074,316  Change in rate used to reduce forecast under/(over) collection \$\frac{(0.0392)}{\text{60,0392}}\$  Current Cost of Gas Rate \$0.4368  Revised Cost of Gas Rate \$0.3976	Projected under / (over) collection as of 10/31/17 (A)		\$ (590,305)
Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B)  \$\frac{\\$11,025,126}{\}\$  Under/ (over) collection as percent of total gas costs (A/B)  -5.35%  Projected under / (over) collections as of 10/31/17 (A)  \$\frac{(590,305)}{\}\$  Forecasted firm therm sales 6/1/17 - 10/31/17  Change in rate used to reduce forecast under/(over) collection  \$\frac{(0.0392)}{\}\$  Current Cost of Gas Rate  \$\frac{0.4368}{\}\$  Revised Cost of Gas Rate  \$\frac{0.4368}{\}\$	Actual Gas Costs through 05/1/17	\$ -	
Under/ (over) collection as percent of total gas costs (A/B)  Projected under / (over) collections as of 10/31/17 (A)  Forecasted firm therm sales 6/1/17 - 10/31/17  Change in rate used to reduce forecast under/(over) collection  \$ (0.0392)  Current Cost of Gas Rate  \$ 0.4368  Revised Cost of Gas Rate  \$ 0.3976	Revised projected gas costs 05/1/17 - 10/31/17	\$ 11,046,278	
Projected under / (over) collections as of 10/31/17 (A) \$ (590,305)  Forecasted firm therm sales 6/1/17 - 10/31/17 15,074,316  Change in rate used to reduce forecast under/(over) collection \$ (0.0392)  Current Cost of Gas Rate \$ 0.4368  Revised Cost of Gas Rate \$ 0.3976	Estimated total adjusted gas costs 05/1/17 - 10/31/17 (B)		\$ 11,025,126
Forecasted firm therm sales 6/1/17 - 10/31/17 15,074,316  Change in rate used to reduce forecast under/(over) collection \$ (0.0392)  Current Cost of Gas Rate \$ 0.4368  Revised Cost of Gas Rate \$ 0.3976	Under/ (over) collection as percent of total gas costs (A/B)		-5.35%
Change in rate used to reduce forecast under/(over) collection \$\(0.0392\)  Current Cost of Gas Rate \$\(0.4368\)  Revised Cost of Gas Rate \$\(0.3976\)	Projected under / (over) collections as of 10/31/17 (A)		\$ (590,305)
Current Cost of Gas Rate \$ 0.4368 Revised Cost of Gas Rate \$ 0.3976	Forecasted firm therm sales 6/1/17 - 10/31/17		15,074,316
Revised Cost of Gas Rate \$ 0.3976	Change in rate used to reduce forecast under/(over) collection		\$ (0.0392)
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)	To	otal Summer
Total Gas Costs		\$	2,009,159	\$	1,658,287	\$	1,565,764	\$	1,427,270	\$	1,473,409	\$	2,494,369	\$	10,628,258
Adjustments and Indirect Costs Refunds & Adjustments COG Bad Debt		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Fuel Financing Transportation Revenue			-		-		-		-		-		-		- -
Broker Revenue Off System and Capacity Release			-		-		-		-		-		-		-
Fixed Price Option Admin.  Bad Debt Costs  Working Capital			76,422 2,750		62,246 2,269		58,509 2,143		- 52,913 1,953		54,777 2,016		96,026 3,414		- 400,894 14,545
Misc Overhead Production & Storage			430		430		430		430		430		430		2,581
Total Indirect Costs		\$	79,601	\$	64,946	\$	61,081	\$	55,297	\$	57,224	\$	99,870	\$	418,020
Interest		\$	(6,707)	\$	(3,591)	\$	(2,181)	\$	(1,926)	\$	(2,479)	\$	(4,269)	\$	(21,152)
Total Gas Costs plus Indirect Costs	\$ (1,973,966)	\$	2,082,053	\$	1,719,642	\$	1,624,665	\$	1,480,641	\$	1,528,154	\$	2,589,970	\$	9,051,160
Total Forecasted Sales Volumes Total Forecasted Collections		\$	6,998,491 3,045,839	\$	3,747,283 1,633,471	\$	2,275,828 995,593	\$	2,009,537 882,548	\$	2,586,813 1,136,833	\$	4,454,856 1,947,179	\$	22,072,807 9,641,465
With Rate Adjustment	Daninaina		May 47		lum 47		Jul-17		A 47		Can 47		Oct-17		
	Beginning Under/(Over)		May-17 (Estimate)		Jun-17 (Estimate)	(	(Estimate)	(	Aug-17 (Estimate)		Sep-17 (Estimate)		(Estimate)	To	otal Summer
Total Gas Costs		\$	2,009,159	\$	1,658,287	\$	1,565,764	\$	1,427,270	\$	1,473,409	\$	2,494,369	\$	10,628,258
Adjustments and Indirect Costs Refunds & Adjustments COG Bad Debt		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Fuel Financing			-		-		-		-		-		-		-
Transportation Revenue Broker Revenue			-		-		-		-		-		-		-
Off System and Capacity Release Fixed Price Option Admin.			-		-		-		-		-		-		-
Bad Debt Costs Working Capital Misc Overhead			76,422 2,750 430		62,246 2,269 430		58,509 2,143 430		52,913 1,953 430		54,777 2,016 430		96,026 3,414 430		400,894 14,545 2,581
Production & Storage		•	-	Φ.	-	•	-	•	-	Φ.	-	Φ.	-	Φ.	-
Total Indirect Costs		\$	79,601	\$	64,946	\$	61,081	\$	55,297	\$	57,224	\$	99,870	\$	418,020
Interest		\$	(6,707)		(3,591)		(2,181)		(1,926)		(2,479)		(4,877)		(21,760)
Total Gas Costs plus Indirect Costs	\$ (1,973,966)	\$	2,082,053	\$	1,719,642	\$	1,624,665	\$	1,480,641	\$	1,528,154	\$	2,589,362	\$	9,050,551
Total Forecasted Sales Volumes Total Forecasted Collections		\$	6,998,491 3,045,839	\$	3,747,283 1,486,578	\$	2,275,828 906,381	\$	2,009,537 803,774	\$	2,586,813 1,035,430	\$	4,454,856 1,772,549	\$	22,072,807 9,050,551