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November 23, 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 18-137 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a/ Liberty Utilities 2018/2019 Winter Period Cost of Gas – December 2018 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 current (December) calculation of its projected over or under 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 November 16, 2018. The resulting projected over collection of approximately \$6,212,995 is 10.01% of the total revised anticipated gas costs for the 2018/2019 winter season. Liberty does not wish to implement a rate change at this time.

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

	Cost of Gas Rates							
	<b>Current Rate</b>	<b>Revised Rate</b>	<u>Change</u>					
Residential	\$0.7411	\$0.7411	\$0.0000					
Commercial/Industrial High Winter Use	\$0.7456	\$0.7456	\$0.0000					
Commercial/Industrial Low Winter Use	\$0.7403	\$0.7403	\$0.0000					

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 this matter. Please do not hesitate to call if you have any questions.

Sincerely,

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

December 1, 2018

Under/(Over) Collection as of 11/1/18			\$	(3,258,433)
Forecasted firm Residential therm sales 12/1/18 - 4/30/19		40 606 050		
Residential Cost of Gas Rate per therm	\$	48,696,950 (0.7411)		
Forecasted firm C&I High Winter Use therm sales 12/1/18 - 4/30/19	φ	26,141,160		
C&I- High Winter Use Cost of Gas Rate per therm	\$	(0.7456)		
Forecasted firm C&I Low Winter therm sales 12/1/18 - 4/30/19	Ψ	4,426,265		
C&I- Low Winter Use Cost of Gas Rate per therm	\$	(0.7403)		
·	<u>-</u>			
Forecasted firm Residential therm sales 11/18		4,324,268		
Residential Cost of Gas Rate per therm	\$	(0.7411)		
Forecasted firm C&I High Winter Use therm sales 11/18		2,577,497		
C&I- High Winter Use Cost of Gas Rate per therm	\$	(0.7456)		
Forecasted firm C&I Low Winter Use therm sales 11/18		462,782		
C&I- Low Winter Use Cost of Gas Rate per therm	\$	(0.7403)		
Forecast recovered costs at current rate 11/1/18 - 4/30/19				(64,326,016)
Estimated FPO Premium 11/1/18 - 4/30/19				(111,144)
				,
Revised projected gas costs 11/1/18 - 4/30/19				61,456,764
Estimated interest charged (credited) to customers 11/1/18 - 4/30/19				25,833
Projected under / (over) collection as of 4/30/19 (A)			\$	(6,212,995)
Actual Gas Costs through 12/1/18	\$	-		
Revised projected gas costs 11/1/18 - 4/30/19	\$	61,456,764		
Estimated total adjusted gas costs 11/1/18 - 4/30/19 (B)			\$	61,482,597
Under/ (over) collection as percent of total gas costs (A/B)				-10.11%
Projected under / (over) collections as of 11/30/18 (A)			\$	(6,212,995)
Forecasted firm therm sales 12/1/18 - 4/30/19				79,264,374
Change in rate used to reduce forecast under/(over) collection			\$	(0.0784)
			+	(5.5.5)
Current Cost of Gas Rate			\$	0.7411
Revised Cost of Gas Rate			\$	0.6627
Cap - Residential Cost of Gas Rate			\$	0.9264

## Revised as follows:

The revised projected gas costs include the November 2018 - April 2019 NYMEX settled strip prices as of November 16, 2018.

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		Nov-18	Dec-18		Jan-19	Feb-19	Mar-19		Apr-19	
	Under/(Over)		(Estimate)	(Estimate)		(Estimate)	(Estimate)	(Estimate)		(Estimate)	Total Peak
Total Gas Costs		\$	4,801,183	\$ 11,936,914	\$	16,342,901	\$ 14,685,840	\$ 8,386,032	\$	3,238,597	\$ 59,391,468
Adjustments and Indirect Costs											
Refunds & Adjustments		\$	-	\$ -	\$	-	\$ -	\$ -	\$	-	\$ -
COG Bad Debt			-	-		-	-	-		-	-
Inventory Financing			- (4.000)	- (F 077)		(0.050)	- (C 070)	(0.442)		- (5.475)	(24.500)
Transportation Revenue Broker Revenue			(4,282)	(5,377)		(6,659)	(6,873) 703,749	(6,143) (369,992)		(5,175)	(34,509)
Off System and Capacity Release			(227,504) (329,343)	(368,407) (334,366)		(17,997) (284,042)	(314,967)	(307,820)		(217,609) (307,198)	(497,759) (1,877,737)
Fixed Price Option Admin.			(329,343)	45,000		(204,042)	(314,907)	(307,820)		(307,190)	45,000
Bad Debt Costs			52,271	380.984		540.528	580.291	493.576		342.920	2,390,570
Working Capital			1,063	7,749		10,994	11,803	10,039		6,975	48,622
Misc Overhead			908	1,592		2,259	2,425	2,063		1,433	10,681
Production & Storage			330,071	330,071		330,071	330,071	330,071		330,071	1,980,428
Total Indirect Costs		\$	(176,815)	\$ 57,246	\$	575,154	\$ 1,306,499	\$ 151,794	\$	151,418	\$ 2,065,296
Interest			2,210	(1,408)		2,170	8,758	10,616		3,487	\$ 25,833
Total Gas Costs plus Indirect Costs	\$ (3,258,433)		4,619,376	11,977,675		16,894,889	15,975,118	8,527,870		3,376,525	\$ 58,113,020
Total Forecasted Sales Volumes			7,364,547	12,914,697		18,322,981	19,670,884	16,731,404		11,624,407	86,628,921
Total Forecasted Collections			5,469,094	9,590,265		13,605,212	14,606,591	12,423,520		8,631,334	\$ 64,326,016
With Rate Adjustment											
	Beginning		Nov-18	Dec-18		Jan-19	Feb-19	Mar-19		Apr-19	
	Under/(Over)		(Estimate)	(Estimate)		(Estimate)	(Estimate)	(Estimate)		(Estimate)	Total Peak
Total Gas Costs		\$	4,801,183	\$ 11,936,914	\$	16,342,901	\$ 14,685,840	\$ 8,386,032	\$	3,238,597	\$ 59,391,468
Adjustments and Indirect Costs											
Refunds & Adjustments		\$	-	\$ -	\$	-	\$ -	\$ -	\$	-	\$ -
COG Bad Debt			-	-		-	-	-		-	-
Inventory Financing			- (4.000)	- (5.077)		- (0.050)	- (0.070)	- (0.4.40)		- (5.475)	- (0.4.500)
Transportation Revenue Broker Revenue			(4,282)	(5,377)		(6,659)	(6,873)	(6,143)		(5,175)	(34,509)
Off System and Capacity Release			(227,504) (329,343)	(368,407) (334,366)		(17,997) (284,042)	703,749 (314,967)	(369,992) (307,820)		(217,609) (307,198)	(497,759) (1,877,737)
Fixed Price Option Admin.			(329,343)	45,000		(204,042)	(314,907)	(307,620)		(307,196)	45,000
Bad Debt Costs			52,271	380,984		540,528	580,291	493,576		342,920	2,390,570
Working Capital			1,063	7,749		10,994	11,803	10,039		6,975	48,622
Misc Overhead			908	1,592		2,259	2,425	2,063		1,433	10,681
Production & Storage		L	330,071	330,071	_	330,071	330,071	330,071	_	330,071	 1,980,428
Total Indirect Costs		\$	(176,815)	\$ 57,246	\$	575,154	\$ 1,306,499	\$ 151,794	\$	151,418	\$ 2,065,296
Interest			2,210	(1,408)		2,170	8,758	10,616		2,155	\$ 24,501
Total Gas Costs plus Indirect Costs	\$ (3,258,433)		4,619,376	11,977,675		16,894,889	15,975,118	8,527,870		3,375,193	\$ 58,111,688
Total Forecasted Sales Volumes			7,364,547	12,914,697		18,322,981	19,670,884	16,731,404		11,624,407	86,628,921
Total Forecasted Collections			5,469,094	8,577,753		12,168,690	13,064,394	11,111,778		7,719,981	\$ 58,111,689