

**Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities**

Calculation of the Projected Over or Under Collection of the
2020 - 2021 Winter Cost of Gas Filing
DG 20-141

December 1, 2020

Under/(Over) Collection as of 10/31/2020		\$ 2,542,014
Forecasted firm Residential therm sales 12/01/2020 - 4/30/2021	47,724,488	
Residential Cost of Gas Rate per therm	\$ (0.5571)	
Forecasted firm C&I High Winter Use therm sales 12/01/20 - 4/30/21	27,662,428	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5552)	
Forecasted firm C&I Low Winter therm sales 12/01/20 - 4/30/21	5,524,509	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5660)	
Forecasted firm Residential therm sales 11/2020	4,528,839	
Residential Cost of Gas Rate per therm	\$ (0.5571)	
Forecasted firm C&I High Winter Use therm sales 11/2020	2,175,786	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.5552)	
Forecasted firm C&I Low Winter Use therm sales 11/2020	597,479	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.5660)	
Forecast recovered costs at current rate 11/01/2020 - 04/30/2021		(49,141,550)
Estimated FPO Premium 11/01/2020 - 04/30/2021		(462,358)
Revised projected gas costs 11/01/2020 - 04/30/2021		44,804,501
Estimated interest charged (credited) to customers 11/01/2020 - 04/30/2021		26,774
Projected under / (over) collection as of 04/30/2021 (A)		\$ (2,230,620)

Actual Gas Costs through 10/31/2020	\$ 44,831,275
Revised projected gas costs 11/01/2020 - 04/30/2021	\$ 44,342,142
Estimated total adjusted gas costs 11/01/2020- 04/30/2021 (B)	\$ 89,200,191

Under/ (over) collection as percent of total gas costs (A/B)	-2.50%
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Projected under / (over) collections as of 11/30/2020 (A)	\$ (2,230,620)
Forecasted firm therm sales 12/01/2020 - 4/30/2021	80,911,425
Change in rate used to reduce forecast under/(over) collection	\$ (0.0276)
Current Cost of Gas Rate	\$ 0.5571
Revised Cost of Gas Rate	\$ 0.5295
Cap - Residential Cost of Gas Rate	\$ 0.7754

Revised as follows:

The revised projected gas costs include the December 2020 - April 2021 NYMEX settled strip prices as of November 20, 2020.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,419 dated October 30, 2020, in Docket DG 20-141. The Company may adjust the approved residential cost of gas rate of \$0.5571 per therm upwards by no more than 25% or \$0.1393 per therm. The adjusted residential cost of gas rate shall not be more than \$0.6964 per therm.

Liberty Utilities (EnergyNorth Natural Gas) Corp.

d/b/a Liberty Utilities

Projected Over or Under Collection

5603788.69 7924232.25 9886892.6 7408684.7

Without Rate Adjustment	Beginning Under/(Over)	Nov-20 (Estimate)	Dec-20 (Estimate)	Jan-21 (Estimate)	Feb-21 (Estimate)	Mar-21 (Estimate)	Apr-21 (Estimate)	Total Peak
Total Gas Costs		\$ 5,249,001	\$ 8,191,468	\$ 10,966,858	\$ 8,166,746	\$ 6,885,406	\$ 4,176,233	\$ 43,635,712
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Return on Inventory per DG 17-048		73,506	73,506	73,506	73,506	73,506.1	73,506.1	441,037
Transportation Revenue		(271)	(326)	(326)	(362)	(317)	(293)	(1,896)
Broker Revenue		-	(672)	(6,454)	(7,087)	(6,839)	(6,444)	(27,495)
Off System and Capacity Release		-	(289,254)	(293,024)	(281,623)	(296,415)	(295,747)	(1,456,064)
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		17,865	47,193	54,402	43,896	39,939	34,312	237,608
Working Capital		(1,213)	(3,204)	(3,694)	(2,980)	(2,712)	(1,595)	(15,397)
Misc Overhead		875	2,179	2,500	2,033	1,857	1,125	10,568
Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071	1,980,428
Total Indirect Costs		\$ 420,833	\$ 159,494	\$ 156,982	\$ 157,453	\$ 139,090	\$ 134,936	\$ 1,168,789
Interest		9,373	6,601	4,971	4,064	2,302	(537)	\$ 26,774
Total Gas Costs plus Indirect Costs	\$ 2,542,014	5,679,208	8,357,563	11,128,811	8,328,263	7,026,798	4,310,632	\$ 47,373,289
Total Forecasted Sales Volumes		7,302,104	18,190,255	20,866,784	16,966,205	15,497,221	9,390,960	88,213,529
Total Forecasted Collections		4,099,146	10,196,235	11,727,250	9,557,878	8,718,875	5,304,523	\$ 49,603,908
With Rate Adjustment								
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