

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

Calculation of the Projected Over or Under Collection of the
 2020 Summer Cost of Gas Filing
 DG 19-145

September 1, 2020

Under/(Over) Collection as of August 01, 2020		\$ 1,776,343
Forecasted firm Residential therm sales 09/01/20 - 10/31/20	4,444,080	
Residential Cost of Gas Rate per therm	\$ (0.4757)	
Forecasted firm C&I High Winter Use therm sale 09/01/20 - 10/31/20	1,193,010	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4711)	
Forecasted firm C&I Low Winter therm sales 09/01/20 - 10/31/20	1,103,773	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4828)	
Forecasted firm Residential therm sales 08/2020	1,088,512	
Residential Cost of Gas Rate per therm	\$ (0.4757)	
Forecasted firm C&I High Winter Use therm sales 08/2020	368,549	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4711)	
Forecasted firm C&I Low Winter Use therm sales 08/2020	418,903	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4828)	
Forecast recovered costs at current rate 08/2020		(4,102,653)
Estimated FPO Premium 08/01/2020 - 10/31/2020		-
Revised projected gas costs 08/01/2020 - 10/31/2020		2,411,908
Estimated interest charged (credited) to customers 08/01/2020 -10/31/2020		20,287
Projected under / (over) collection as of 07/30/2020 (A)		\$ 105,886

Actual Gas Costs through 08/01/20	\$ 4,528,136
Revised projected gas costs 08/01/2020 - 10/31/2020	\$ 2,411,908
Estimated total adjusted gas costs 08/01/2020 - 10/31/2020 (B)	\$ 6,960,331

Under/ (over) collection as percent of total gas costs (A/B)	1.52%
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Projected under / (over) collection as of 08/31/2020 (A)	\$ 105,886
Forecasted firm therm sales 09/01/2020-10/31/2020	6,740,863
Change in rate used to reduce forecast under/(over) collection	\$ 0.0157
Current Cost of Gas Rate	\$ 0.4757
Revised Cost of Gas Rate	\$ 0.4914
Cap - Residential Cost of Gas Rate	\$ 0.5650

Revised as follows:

The revised projected gas costs include the September 2020 - Oct 2020 NYMEX settled strip prices as of August 20, 2020.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,306 dated October 31, 2019, in Docket DG 19-145. The Company may adjust the approved residential cost of gas rate of \$0.4520 per therm upwards by no more than 25% or \$0.1130 per therm. The adjusted residential cost of gas rate shall not be more than \$0.5650 per therm.

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Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-20 (Actuals)	Jun-20 (Actuals)	Jul-20 (Actuals)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$ 1,377,290	\$ 1,158,614	\$ 658,276	\$ 647,426	\$ 1,212,303	\$ 6,917,673
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Return on Inventory per DG 17-048		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		33,807	43,448	29,876	(33,712)	(33,712)	(33,712)	5,996
Working Capital		3,915	3,167	2,501	(2,074)	(2,074)	(2,074)	3,361
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ 47,034	\$ 32,798	\$ (35,366)	\$ (35,366)	\$ (35,366)	\$ 11,878
Interest		1,583	3,664	5,246	7,633	7,533	5,122	\$ 30,781
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	1,427,989	1,196,658	630,543	619,593	1,182,059	\$ 6,600,738
Total Forecasted Sales Volumes		13,009,584	7,199,010	4,935,275	1,875,965	2,447,718	4,293,146	33,760,696
Total Forecasted Collections		908,600	735,258	748,341	893,675	1,166,290	2,042,687	\$ 6,494,852
With Rate Adjustment	Beginning Under/(Over)	May-20 (Actuals)	Jun-20 (Actuals)	Jul-20 (Actuals)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$ 1,377,290	\$ 1,158,614	\$ 658,276	\$ 647,426	\$ 1,212,303	\$ 6,917,673
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		33,807	43,448	29,876	(33,712)	(33,712)	(33,712)	5,996
Working Capital		3,915	3,167	2,501	(2,074)	(2,074)	(2,074)	3,361
Misc Overhead		-	-	-	-	-	-	-
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Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	1,427,989	1,196,658	630,543	619,593	1,182,059	\$ 6,600,738
Total Forecasted Sales Volumes		13,009,584	7,199,010	4,935,275	1,875,965	2,447,718	4,293,146	33,760,696
Total Forecasted Collections		3,315,634	1,845,886	1,841,412	923,128	1,204,720	2,110,089	\$ 11,240,869