

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

August 1, 2020

Under/(Over) Collection as of July 01, 2020		\$ 1,328,026
Forecasted firm Residential therm sales 08/01/20 - 10/31/20	5,532,593	
Residential Cost of Gas Rate per therm	\$ (0.3715)	
Forecasted firm C&I High Winter Use therm sale 08/01/20 - 10/31/20	1,561,560	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.3669)	
Forecasted firm C&I Low Winter therm sales 08/01/20 - 10/31/20	1,522,675	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.3786)	
Forecasted firm Residential therm sales 07/2020	1,123,433	
Residential Cost of Gas Rate per therm	\$ (0.3715)	
Forecasted firm C&I High Winter Use therm sales 07/2020	568,045	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.3669)	
Forecasted firm C&I Low Winter Use therm sales 07/2020	426,368	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.3786)	
Forecast recovered costs at current rate 07/2020		(3,991,973)
Estimated FPO Premium 07/01/2020 - 10/31/2020		-
Revised projected gas costs 07/01/2020 - 10/31/2020		3,532,768
Estimated interest charged (credited) to customers 07/01/2020 -10/31/2020		29,131
Projected under / (over) collection as of 06/30/2020 (A)		\$ 897,952

Actual Gas Costs through 07/01/20	\$ 3,331,477
Revised projected gas costs 07/01/2020 - 10/31/2020	\$ 3,532,768
Estimated total adjusted gas costs 07/01/2020 - 10/31/2020 (B)	\$ 6,893,376

Under/ (over) collection as percent of total gas costs (A/B)	13.03%
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Projected under / (over) collection as of 07/31/2020 (A)	\$ 897,952
Forecasted firm therm sales 08/01/2020-10/31/2020	8,616,828
Change in rate used to reduce forecast under/(over) collection	\$ 0.1042
Current Cost of Gas Rate	\$ 0.3715
Revised Cost of Gas Rate	\$ 0.4757
Cap - Residential Cost of Gas Rate	\$ 0.5650

Revised as follows:

The revised projected gas costs include the June 2020 - Oct 2020 NYMEX settled strip prices as of July 17, 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 (Estimate)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$1,377,290	\$ 619,689	\$ 651,044	\$ 696,700	\$1,707,194	\$ 6,915,681
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	(33,801)	(33,801)	(33,801)	(33,801)	(57,949)
Working Capital		3,915	3,167	(2,084)	(2,084)	(2,084)	(2,084)	(1,255)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ 47,034	\$ (35,465)	\$ (35,465)	\$ (35,465)	\$ (35,465)	\$ (56,683)
Interest		1,583	3,664	8,797	7,617	7,609	5,108	\$ 34,378
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	1,427,989	593,022	623,196	668,844	1,676,838	\$ 6,533,783
Total Forecasted Sales Volumes		13,009,584	7,199,010	2,117,846	1,875,965	2,447,718	4,293,146	30,943,267
Total Forecasted Collections		908,600	735,258	787,194	698,200	911,238	1,595,341	\$ 5,635,831
With Rate Adjustment	Beginning Under/(Over)	May-20 (Actuals)	Jun-20 (Actuals)	Jul-20 (Estimate)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$1,377,290	\$ 619,689	\$ 651,044	\$ 696,700	\$1,707,194	\$ 6,915,681
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	(33,801)	(33,801)	(33,801)	(33,801)	(57,949)
Working Capital		3,915	3,167	(2,084)	(2,084)	(2,084)	(2,084)	(1,255)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ 47,034	\$ (35,465)	\$ (35,465)	\$ (35,465)	\$ (35,465)	\$ (56,683)
Interest		1,583	3,664	8,797	7,617	7,609	5,108	\$ 34,378
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	1,427,989	593,022	623,196	668,844	1,676,838	\$ 6,533,783
Total Forecasted Sales Volumes		13,009,584	7,199,010	2,117,846	1,875,965	2,447,718	4,293,146	30,943,267
Total Forecasted Collections		3,315,634	1,845,886	787,194	893,675	1,166,290	2,042,687	\$10,051,367