

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

October 1, 2020

Under/(Over) Collection as of September 01, 2020		\$ 1,905,479
Forecasted firm Residential therm sales 10/01/20 - 10/31/20	2,835,903	
Residential Cost of Gas Rate per therm	\$ (0.4914)	
Forecasted firm C&I High Winter Use therm sale 10/01/20 - 10/31/20	846,894	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4868)	
Forecasted firm C&I Low Winter therm sales 10/01/20 - 10/31/20	610,348	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4985)	
Forecasted firm Residential therm sales 09/2020	1,608,177	
Residential Cost of Gas Rate per therm	\$ (0.4914)	
Forecasted firm C&I High Winter Use therm sales 09/2020	346,116	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4868)	
Forecasted firm C&I Low Winter Use therm sales 09/2020	493,424	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4985)	
Forecast recovered costs at current rate 09/2020		(3,314,809)
Estimated FPO Premium 09/01/2020 - 10/31/2020		-
Revised projected gas costs 09/01/2020 - 10/31/2020		1,711,895
Estimated interest charged (credited) to customers 09/01/2020 -10/31/2020		13,238
Projected under / (over) collection as of 08/30/2020 (A)		\$ 315,803

Actual Gas Costs through 09/01/20	\$ 5,781,893
Revised projected gas costs 09/01/2020 - 10/31/2020	\$ 1,711,895
Estimated total adjusted gas costs 09/01/2020 - 10/31/2020 (B)	\$ 7,507,026

Under/ (over) collection as percent of total gas costs (A/B)	4.21%
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Projected under / (over) collection as of 9/01/2020 (A)	\$ 315,803
Forecasted firm therm sales 10/01/2020-10/31/2020	4,293,146
Change in rate used to reduce forecast under/(over) collection	\$ 0.0736
Current Cost of Gas Rate	\$ 0.4914
Revised Cost of Gas Rate	\$ 0.5650
Cap - Residential Cost of Gas Rate	\$ 0.5650

Revised as follows:

The revised projected gas costs include the October 2020 NYMEX settled strip prices as of September 18, 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.

Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities
 Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-20 (Actuals)	Jun-20 (Actuals)	Jul-20 (Actuals)	Aug-20 (Actuals)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$ 1,377,290	\$ 1,158,614	\$ 1,217,423	\$ 665,219	\$ 1,116,487	\$ 7,398,796
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	27,368	(33,299)	(33,299)	67,901
Working Capital		3,915	3,167	2,501	2,593	(2,027)	(2,027)	8,122
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ 47,034	\$ 32,798	\$ 30,381	\$ (34,905)	\$ (34,905)	\$ 78,545
Interest		1,583	3,664	5,246	5,954	7,572	5,667	\$ 29,686
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	1,427,989	1,196,658	1,253,757	637,885	1,087,248	\$ 7,147,433
Total Forecasted Sales Volumes		13,009,584	7,199,010	4,935,275	5,092,677	2,447,718	4,293,146	36,977,409
Total Forecasted Collections		908,600	735,258	748,341	1,124,622	1,204,720	2,110,089	\$ 6,831,630
With Rate Adjustment	Beginning Under/(Over)	May-20 (Actuals)	Jun-20 (Actuals)	Jul-20 (Actuals)	Aug-20 (Actuals)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$ 1,377,290	\$ 1,158,614	\$ 1,217,423	\$ 665,219	\$ 1,116,487	\$ 7,398,796
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	27,368	(33,299)	(33,299)	67,901
Working Capital		3,915	3,167	2,501	2,593	(2,027)	(2,027)	8,122
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ 47,034	\$ 32,798	\$ 30,381	\$ (34,905)	\$ (34,905)	\$ 78,545
Interest		1,583	3,664	5,246	5,954	7,572	5,667	\$ 29,686
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	1,427,989	1,196,658	1,253,757	637,885	1,087,248	\$ 7,147,433
Total Forecasted Sales Volumes		13,009,584	7,199,010	4,935,275	5,092,677	2,447,718	4,293,146	36,977,409
Total Forecasted Collections		3,315,634	1,845,886	1,841,412	2,440,854	1,204,720	2,426,065	\$ 13,074,571