

**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

July 1, 2020

Under/(Over) Collection as of June 01, 2020		\$ 635,295
Forecasted firm Residential therm sales 07/01/20 - 10/31/20	6,656,025	
Residential Cost of Gas Rate per therm	\$ (0.2550)	
Forecasted firm C&I High Winter Use therm sale 07/01/20 - 10/31/20	2,129,605	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.2504)	
Forecasted firm C&I Low Winter therm sales 07/01/20 - 10/31/20	1,949,043	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.2621)	
Forecasted firm Residential therm sales 06/2020	1,979,694	
Residential Cost of Gas Rate per therm	\$ (0.2550)	
Forecasted firm C&I High Winter Use therm sales 06/2020	1,007,997	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.2504)	
Forecasted firm C&I Low Winter Use therm sales 06/2020	540,585	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.2621)	
Forecast recovered costs at current rate 06/2020		(3,640,296)
Estimated FPO Premium 06/01/2020 - 10/31/2020		-
Revised projected gas costs 06/01/2020 - 10/31/2020		4,216,585
Estimated interest charged (credited) to customers 07/01/2020 -10/31/2020		39,275
Projected under / (over) collection as of 05/30/2020 (A)		\$ 1,250,859

Actual Gas Costs through 06/01/19	\$ -
Revised projected gas costs 06/01/2020 - 10/31/2020	\$ 4,216,585
Estimated total adjusted gas costs 06/01/2020 - 10/31/2020 (B)	\$ 4,255,860

Under/ (over) collection as percent of total gas costs (A/B)	29.39%
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Projected under / (over) collection as of 06/30/2020 (A)	\$ 1,250,859
Forecasted firm therm sales 06/01/2020-10/31/2020	10,734,674
Change in rate used to reduce forecast under/(over) collection	\$ 0.1165
Current Cost of Gas Rate	\$ 0.2550
Revised Cost of Gas Rate	\$ 0.3715
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 June 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 (Estimate)	Jul-20 (Estimate)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$ 730,278	\$ 660,671	\$ 650,571	\$ 657,001	\$ 1,695,500	\$ 6,257,785
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	(33,821)	(33,821)	(33,821)	(33,821)	(33,821)	(135,298)
Working Capital		3,915	(2,086)	(2,086)	(2,086)	(2,086)	(2,086)	(6,517)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ (35,487)	\$ (35,487)	\$ (35,487)	\$ (35,487)	\$ (35,487)	\$ (139,294)
Interest		1,583	9,796	8,890	7,801	7,701	5,087	\$ 40,857
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	704,586	634,074	622,885	629,214	1,665,100	\$ 5,799,755
Total Forecasted Sales Volumes		13,009,584	3,528,276	2,117,846	1,875,965	2,447,718	4,293,146	27,272,534
Total Forecasted Collections		908,600	898,912	540,465	479,650	626,079	1,095,190	\$ 4,548,896
With Rate Adjustment	Beginning Under/(Over)	May-20 (Actuals)	Jun-20 (Estimate)	Jul-20 (Estimate)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,863,764	\$ 730,278	\$ 660,671	\$ 650,571	\$ 657,001	\$ 1,695,500	\$ 6,257,785
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	(33,821)	(33,821)	(33,821)	(33,821)	(33,821)	(135,298)
Working Capital		3,915	(2,086)	(2,086)	(2,086)	(2,086)	(2,086)	(6,517)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ 38,142	\$ (35,487)	\$ (35,487)	\$ (35,487)	\$ (35,487)	\$ (35,487)	\$ (139,294)
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Total Gas Costs plus Indirect Costs	\$ (359,593)	1,903,489	704,586	634,074	622,885	629,214	1,665,100	\$ 5,799,755
Total Forecasted Sales Volumes		13,009,584	3,528,276	2,117,846	1,875,965	2,447,718	4,293,146	27,272,534
Total Forecasted Collections		3,315,634	1,309,956	787,194	698,200	911,238	1,595,341	\$ 8,617,563

Decrease in Demand approx \$1.5M