

**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

June 1, 2020

Under/(Over) Collection as of May 01, 2020		\$ (359,593)
Forecasted firm Residential therm sales 06/01/20 - 10/31/20	8,635,719	
Residential Cost of Gas Rate per therm	\$ (0.2550)	
Forecasted firm C&I High Winter Use therm sale 06/01/20 - 10/31/20	3,137,603	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.2504)	
Forecasted firm C&I Low Winter therm sales 06/01/20 - 10/31/20	2,489,628	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.2621)	
Forecasted firm Residential therm sales 05/2020	4,077,018	
Residential Cost of Gas Rate per therm	\$ (0.2550)	
Forecasted firm C&I High Winter Use therm sales 05/2020	1,845,772	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.2504)	
Forecasted firm C&I Low Winter Use therm sales 05/2020	787,291	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.2621)	
Forecast recovered costs at current rate 05/2020		(5,348,465)
Estimated FPO Premium 05/01/2020 - 10/31/2020		-
Revised projected gas costs 05/01/2020 - 10/31/2020		5,657,584
Estimated interest charged (credited) to customers 06/01/2020 -10/31/2020		53,474
Projected under / (over) collection as of 04/30/2020 (A)		\$ 2,999

Actual Gas Costs through 05/01/19	\$ -
Revised projected gas costs 05/01/2020 - 10/31/2020	\$ 5,657,584
Estimated total adjusted gas costs 05/01/2020 - 10/31/2020 (B)	\$ 5,711,058

Under/ (over) collection as percent of total gas costs (A/B)	0.05%
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Projected under / (over) collection as of 06/30/2020 (A)	\$ 2,999
Forecasted firm therm sales 06/01/2020-10/31/2020	14,262,950
Change in rate used to reduce forecast under/(over) collection	\$ 0.0002
Current Cost of Gas Rate	\$ 0.2550
Revised Cost of Gas Rate	\$ 0.2552
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 May 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.

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Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-20 (Estimate)	Jun-20 (Estimate)	Jul-20 (Estimate)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,276,665	\$ 770,010	\$ 694,912	\$ 672,736	\$ 682,130	\$ 1,771,611	\$ 5,868,063
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		(33,456)	(33,456)	(33,456)	(33,456)	(33,456)	(33,456)	(200,733)
Working Capital		(2,045)	(2,045)	(2,045)	(2,045)	(2,045)	(2,045)	(12,267)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (210,479)
Interest		12,263	9,883	9,147	8,188	8,180	5,813	\$ 53,474
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,253,848	744,813	668,980	645,843	655,230	1,742,344	\$ 5,351,465
Total Forecasted Sales Volumes		6,710,081	3,528,276	2,117,846	1,875,965	2,447,718	4,293,146	20,973,031
Total Forecasted Collections		1,708,170	898,912	540,465	479,650	626,079	1,095,190	\$ 5,348,465
With Rate Adjustment	Beginning Under/(Over)	May-20 (Estimate)	Jun-20 (Estimate)	Jul-20 (Estimate)	Aug-20 (Estimate)	Sep-20 (Estimate)	Oct-20 (Estimate)	Total Peak
Total Gas Costs		\$ 1,276,665	\$ 770,010	\$ 694,912	\$ 672,736	\$ 682,130	\$ 1,771,611	\$ 5,868,063
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		(33,456)	(33,456)	(33,456)	(33,456)	(33,456)	(33,456)	(200,733)
Working Capital		(2,045)	(2,045)	(2,045)	(2,045)	(2,045)	(2,045)	(12,267)
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		420	420	420	420	420	420	2,521
Total Indirect Costs		\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (35,080)	\$ (210,479)
Interest		12,263	9,883	9,147	8,188	8,180	5,813	\$ 53,474
Total Gas Costs plus Indirect Costs	\$ (359,593)	1,253,848	744,813	668,980	645,843	655,230	1,742,344	\$ 5,351,465
Total Forecasted Sales Volumes		6,710,081	3,528,276	2,117,846	1,875,965	2,447,718	4,293,146	20,973,031
Total Forecasted Collections		1,708,170	899,617	540,889	480,025	626,569	1,096,049	\$ 5,351,318

Decrease in Demand approx \$1.5M