

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

Calculation of the Projected Over or Under Collection of the
2021 Summer Cost of Gas Filing
DG 20-141

August 1, 2021

Under/(Over) Collection as of July 01, 2021		\$ 2,287,154
Forecasted firm Residential therm sales 08/01/21 - 10/31/21	7,210,523	
Residential Cost of Gas Rate per therm	<u>\$ (0.3935)</u>	
Forecasted firm C&I High Winter Use therm sales 08/01/21 - 10/31/21	3,039,683	
C&I- High Winter Use Cost of Gas Rate per therm	<u>\$ (0.3886)</u>	
Forecasted firm C&I Low Winter therm sales 08/01/21 - 10/31/21	2,153,253	
C&I- Low Winter Use Cost of Gas Rate per therm	<u>\$ (0.3999)</u>	
Forecasted firm Residential therm sales 07/21	962,699	
Residential Cost of Gas Rate per therm	<u>\$ (0.3935)</u>	
Forecasted firm C&I High Winter Use therm sales 07/21	423,313	
C&I- High Winter Use Cost of Gas Rate per therm	<u>\$ (0.3886)</u>	
Forecasted firm C&I Low Winter Use therm sales 07/21	647,868	
C&I- Low Winter Use Cost of Gas Rate per therm	<u>\$ (0.3999)</u>	
Forecast recovered costs at current rate 07/2021		(5,682,052)
Estimated FPO Premium 07/01/21 - 10/31/21		-
Revised projected gas costs 07/01/21 - 10/31/21		7,397,848
Estimated interest charged (credited) to customers 07/01/21 - 10/31/21		3,706
Projected under / (over) collection as of 07/31/2021 (A)		<u>\$ 4,006,657</u>

Actual Gas Costs through 07/01/21	\$ 4,634,593
Revised projected gas costs 07/01/2021 - 10/31/2021	<u>\$ 7,397,848</u>
Estimated total adjusted gas costs 05/01/2021 - 10/31/2021 (B)	<u>\$ 12,036,147</u>

Under/ (over) collection as percent of total gas costs (A/B)	33.29%
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Projected under / (over) collection as of 07/31/2021 (A)	\$ 4,006,657
Forecasted firm therm sales 08/01/2021-10/31/2021	12,403,459
Change in rate used to reduce forecast under/(over) collection	\$ 0.3230
Calculated Cost of Gas Rate	\$ 0.7165
Current Cost of Gas Rate	\$ 0.3935
Revised Cost of Gas Rate	\$ 0.3935
Cap - Residential Cost of Gas Rate	\$ 0.3935

Revised as follows:

The revised projected gas costs include NYMEX settled strip prices as of July 21, 2021.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,419 dated October 30, 2020, in Docket DG 20-141. The Company may adjust the approved residential cost of gas rate of \$0.3148 per therm upwards by no more than 25% or \$0.0787 per therm. The adjusted residential cost of gas rate shall not be more than \$0.3935 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-21 (Actual)	Jun-21 (Actual)	Jul-21 (Estimate)	Aug-21 (Estimate)	Sep-21 (Estimate)	Oct-21 (Estimate)	Total Peak
Total Gas Costs		\$ 2,404,831	\$ 2,010,424	\$ 1,276,502	\$ 1,393,809	\$ 1,603,428	\$ 2,963,837	\$ 11,652,831
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		76,048	134,023	39,081	39,081	39,081	39,081	366,397
Working Capital		3,838	4,560	554	554	554	554	10,615
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		434	434	433	433	433	433	2,598
Total Indirect Costs		\$ 80,320	\$ 139,017	\$ 40,068	\$ 40,068	\$ 40,068	\$ 40,068	\$ 379,611
Interest		2,031	4,617	(1,714)	343	1,713	3,364	\$ 10,354
Total Gas Costs plus Indirect Costs	\$ 74,818	2,487,182	2,154,059	1,314,856	1,434,220	1,645,209	3,007,270	\$12,117,613
Total Forecasted Sales Volumes		10,787,513	7,181,624	2,033,880	2,076,020	3,233,636	7,093,803	32,406,476
Total Forecasted Collections		1,461,095	967,810	802,404	819,135	1,273,041	2,787,472	\$ 8,110,957
With Rate Adjustment	Beginning Under/(Over)	May-21 (Actual)	Jun-21 (Actual)	Jul-21 (Estimate)	Aug-21 (Estimate)	Sep-21 (Estimate)	Oct-21 (Estimate)	Total Peak
Total Gas Costs		\$ 2,404,831	\$ 2,010,424	\$ 1,276,502	\$ 1,393,809	\$ 1,603,428	\$ 2,963,837	\$ 11,652,831
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		76,048	134,023	39,081	39,081	39,081	39,081	366,397
Working Capital		3,838	4,560	554	554	554	554	10,615
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		434	434	433	433	433	433	2,598
Total Indirect Costs		\$ 80,320	\$ 139,017	\$ 40,068	\$ 40,068	\$ 40,068	\$ 40,068	\$ 379,611
Interest		2,031	4,617	(1,714)	343	1,713	3,025	\$ 10,015
Total Gas Costs plus Indirect Costs	\$ 74,818	2,487,182	2,154,059	1,314,856	1,434,220	1,645,209	3,006,931	\$12,117,274
Total Forecasted Sales Volumes		10,787,513	7,181,624	2,033,880	2,076,020	3,233,636	7,093,803	32,406,476
Total Forecasted Collections		1,461,095	967,810	802,404	1,489,689	2,317,505	5,078,770	\$12,117,274