

ENERGYNORTH NATURAL GAS, INC.

Calculation of the Projected Over or Under Collection of the
2016 - 2017 Winter Cost of Gas Filing
DG 16-814

February 1, 2017

Under/(Over) Collection as of 1/1/17		\$ (189,073)
Forecasted firm Residential therm sales 2/1/17 - 4/30/17	29,468,369	
Residential Cost of Gas Rate per therm	\$ (0.7276)	
Forecasted firm C&I High Winter Use therm sales 2/1/17 - 4/30/17	16,044,961	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.7235)	
Forecasted firm C&I Low Winter therm sales 2/1/17 - 4/30/17	4,634,612	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.7419)	
Forecasted firm Residential therm sales 1/17	11,232,789	
Residential Cost of Gas Rate per therm	\$ (0.7276)	
Forecasted firm C&I High Winter Use therm sales 1/17	6,122,147	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.7235)	
Forecasted firm C&I Low Winter Use therm sales 1/17	1,885,740	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.7419)	
Forecast recovered costs at current rate 1/1/17 - 4/30/17		(50,489,515)
Estimated FPO Premium 1/1/17 - 4/30/17		3,287
Revised projected gas costs 1/1/17 - 4/30/17		44,273,566
Estimated interest charged (credited) to customers 1/1/17 - 4/30/17		63,896
Projected under / (over) collection as of 4/30/17 (A)		\$ (6,337,838)

Actual Gas Costs through 1/1/17	\$ 11,841,895
Revised projected gas costs 1/1/17 - 4/30/17	\$ 44,337,463
Estimated total adjusted gas costs 11/1/16 - 4/30/17 including interest (B)	\$ 56,179,358

Under/ (over) collection as percent of total gas costs (A/B)	-11.28%
--	---------

Projected under / (over) collections as of 1/31/17 (A)	\$ (6,337,838)
Forecasted firm therm sales 2/1/17 - 4/30/17	50,147,942
Change in rate used to reduce forecast under/(over) collection	\$ (0.1264)
Current Cost of Gas Rate	\$ 0.7276
Revised Cost of Gas Rate	\$ 0.6012
Cap - Residential Cost of Gas Rate	\$ 0.8953

Revised as follows:

The revised projected gas costs include the November 2016 - April 2017 NYMEX settled strip prices as of January 17, 2017.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,958 dated October 26, 2016 in Docket DG 16-814: The Company may adjust the approved residential cost of gas rate of \$0.7162 per therm upwards by no more than 25% or \$0.1791 per therm. The adjusted residential cost of gas rate shall not be more than \$0.8953 per therm.

ENERGYNORTH NATURAL GAS, INC.

Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	Nov-16 (Actual)	Dec-16 (Actual)	Jan-17 (Estimate)	Feb-17 (Estimate)	Mar-17 (Estimate)	Apr-17 (Estimate)	Total Peak
Total Gas Costs		\$ 3,122,001	\$ 8,214,101	\$ 15,740,585	\$ 13,428,118	\$ 9,756,481	\$ 3,972,934	\$ 54,234,221
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		(76,249)	(225,888)	-	-	-	-	(302,136)
Fuel Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	(2,360)	(2,475)	(2,209)	(1,857)	(8,902)
Broker Revenue		-	-	(241,474)	(51,254)	(341,913)	(159,491)	(794,133)
Off System and Capacity Release		-	-	(314,419)	(313,014)	(308,977)	(302,106)	(1,238,516)
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		88,166	23,175	567,600	603,606	514,633	361,125	2,158,305
Working Capital		3,100	4,652	11,544	12,277	10,467	7,345	49,384
Misc Overhead		1,321	1,321	2,250	2,393	2,040	1,433	10,759
Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071	1,980,426
Total Indirect Costs		\$ 346,410	\$ 133,331	\$ 353,212	\$ 581,603	\$ 204,112	\$ 236,519	\$ 1,855,188
Interest		\$ 16,748	\$ 9,305	\$ 21,021	\$ 18,633	\$ 17,558	\$ 6,684	\$ 89,949
Total Gas Costs plus Indirect Costs	\$ 4,720,499	\$ 3,485,159	\$ 8,356,737	\$ 16,114,818	\$ 14,028,354	\$ 9,978,152	\$ 4,216,138	\$ 60,899,857
Total Forecasted Sales Volumes		5,620,448	11,311,638	19,240,676	20,461,218	17,445,182	12,241,542	86,320,704
Total Forecasted Collections		\$ 2,006,233	\$ 14,745,235	\$ 14,000,548	\$ 14,883,849	\$ 12,691,936	\$ 8,909,894	\$ 67,237,695
With Rate Adjustment	Beginning Under/(Over)	Nov-16 (Actual)	Dec-16 (Actual)	Jan-17 (Estimate)	Feb-17 (Estimate)	Mar-17 (Estimate)	Apr-17 (Estimate)	Total Peak
Total Gas Costs		\$ 3,122,001	\$ 8,214,101	\$ 15,740,585	\$ 13,428,118	\$ 9,756,481	\$ 3,972,934	\$ 54,234,221
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		(76,249)	(225,888)	-	-	-	-	(302,136)
Fuel Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	(2,360)	(2,475)	(2,209)	(1,857)	(8,902)
Broker Revenue		-	-	(241,474)	(51,254)	(341,913)	(159,491)	(794,133)
Off System and Capacity Release		-	-	(314,419)	(313,014)	(308,977)	(302,106)	(1,238,516)
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		88,166	23,175	567,600	603,606	514,633	361,125	2,158,305
Working Capital		3,100	4,652	11,544	12,277	10,467	7,345	49,384
Misc Overhead		1,321	1,321	2,250	2,393	2,040	1,433	10,759
Production & Storage		330,071	330,071	330,071	330,071	330,071	330,071	1,980,426
Total Indirect Costs		\$ 346,410	\$ 133,331	\$ 353,212	\$ 581,603	\$ 204,112	\$ 236,519	\$ 1,855,188
Interest		\$ 16,748	\$ 9,305	\$ 21,021	\$ 18,633	\$ 17,558	\$ 5,822	\$ 89,087
Total Gas Costs plus Indirect Costs	\$ 4,720,499	\$ 3,485,159	\$ 8,356,737	\$ 16,114,818	\$ 14,028,354	\$ 9,978,152	\$ 4,215,276	\$ 60,898,995
Total Forecasted Sales Volumes		5,620,448	11,311,638	19,240,676	20,461,218	17,445,182	12,241,542	86,320,704
Total Forecasted Collections		\$ 2,006,233	\$ 14,745,235	\$ 14,000,548	\$ 12,297,551	\$ 10,486,865	\$ 7,362,563	\$ 60,898,995