

ENERGYNORTH NATURAL GAS, INC.

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

January 1, 2017

Under/(Over) Collection as of 12/1/16		\$ 6,199,425
Forecasted firm Residential therm sales 1/1/17 - 4/30/17	40,701,158	
Residential Cost of Gas Rate per therm	\$ (0.6439)	
Forecasted firm C&I High Winter Use therm sales 1/1/17 - 4/30/17	22,167,108	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.6398)	
Forecasted firm C&I Low Winter therm sales 1/1/17 - 4/30/17	6,520,352	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.6582)	
Forecasted firm Residential therm sales 12/16	7,891,268	
Residential Cost of Gas Rate per therm	\$ (0.6439)	
Forecasted firm C&I High Winter Use therm sales 12/16	4,492,108	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.6398)	
Forecasted firm C&I Low Winter Use therm sales 12/16	1,048,890	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.6582)	
Forecast recovered costs at current rate 12/1/16 - 4/30/17		(53,327,305)
Estimated FPO Premium 12/1/16 - 4/30/17		(410,777)
Revised projected gas costs 12/1/16 - 4/30/17		53,259,401
Estimated interest charged (credited) to customers 12/1/16 - 4/30/17		84,152
Projected under / (over) collection as of 4/30/17 (A)		\$ 5,804,896

Actual Gas Costs through 12/1/16	\$ 3,485,159
Revised projected gas costs 12/1/16 - 4/30/17	\$ 53,343,553
Estimated total adjusted gas costs 11/1/16 - 4/30/17 including interest (B)	\$ 56,828,711

Under/ (over) collection as percent of total gas costs (A/B)	10.21%
--	--------

Projected under / (over) collections as of 12/31/16 (A)	\$ 5,804,896
Forecasted firm therm sales 1/1/17 - 4/30/17	69,388,618
Change in rate used to reduce forecast under/(over) collection	\$ 0.0837
Current Cost of Gas Rate	\$ 0.6439
Revised Cost of Gas Rate	\$ 0.7276
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 December 19, 2016.

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 (Estimate)	Jan-17 (Estimate)	Feb-17 (Estimate)	Mar-17 (Estimate)	Apr-17 (Estimate)	Total Peak
Total Gas Costs			\$ 3,122,001	\$ 9,661,954	\$ 13,010,211	\$ 14,851,800	\$ 10,059,199	\$ 4,081,482	\$ 54,786,646
Adjustments and Indirect Costs			\$	\$	\$	\$	\$	\$	\$
Refunds & Adjustments			(76,249)	(45,063)	-	-	-	-	(121,312)
COG Bad Debt			-	-	-	-	-	-	-
Fuel Financing			-	-	-	-	-	-	-
Transportation Revenue			-	(1,592)	(1,993)	(2,090)	(1,865)	(1,568)	(9,109)
Broker Revenue			-	(199,232)	(241,474)	(51,254)	(341,913)	(159,491)	(993,365)
Off System and Capacity Release			-	(314,116)	(314,419)	(313,014)	(308,977)	(302,106)	(1,552,632)
Fixed Price Option Admin.			-	41,972	-	-	-	-	41,972
Bad Debt Costs			88,166	396,252	567,600	603,606	514,633	361,125	2,531,383
Working Capital			3,100	8,060	11,544	12,277	10,467	7,345	52,793
Misc Overhead			1,321	1,571	2,250	2,393	2,040	1,433	11,009
Production & Storage			330,071	330,071	330,071	330,071	330,071	330,071	1,980,426
Total Indirect Costs			\$ 346,410	\$ 217,923	\$ 353,580	\$ 581,989	\$ 204,456	\$ 236,808	\$ 1,941,165
Interest			\$ 16,748	\$ 20,256	\$ 21,021	\$ 18,633	\$ 17,558	\$ 6,684	\$ 100,900
Total Gas Costs plus Indirect Costs		\$ 4,720,499	\$ 3,485,159	\$ 9,900,132	\$ 13,384,812	\$ 15,452,421	\$ 10,281,213	\$ 4,324,975	\$ 61,549,210
Total Forecasted Sales Volumes			5,620,448	13,432,266	19,240,676	20,461,218	17,445,182	12,241,542	88,441,333
Total Forecasted Collections			\$ 2,006,233	\$ 8,715,789	\$ 12,477,257	\$ 13,276,072	\$ 11,328,479	\$ 7,940,484	\$ 55,744,315
With Rate Adjustment		Beginning Under/(Over)	Nov-16 (Actual)	Dec-16 (Estimate)	Jan-17 (Estimate)	Feb-17 (Estimate)	Mar-17 (Estimate)	Apr-17 (Estimate)	Total Peak
Total Gas Costs			\$ 3,122,001	\$ 9,661,954	\$ 13,010,211	\$ 14,851,800	\$ 10,059,199	\$ 4,081,482	\$ 54,786,646
Adjustments and Indirect Costs			\$	\$	\$	\$	\$	\$	\$
Refunds & Adjustments			(76,249)	(45,063)	-	-	-	-	(121,312)
COG Bad Debt			-	-	-	-	-	-	-
Fuel Financing			-	-	-	-	-	-	-
Transportation Revenue			-	(1,592)	(1,993)	(2,090)	(1,865)	(1,568)	(9,109)
Broker Revenue			-	(199,232)	(241,474)	(51,254)	(341,913)	(159,491)	(993,365)
Off System and Capacity Release			-	(314,116)	(314,419)	(313,014)	(308,977)	(302,106)	(1,552,632)
Fixed Price Option Admin.			-	41,972	-	-	-	-	41,972
Bad Debt Costs			88,166	396,252	567,600	603,606	514,633	361,125	2,531,383
Working Capital			3,100	8,060	11,544	12,277	10,467	7,345	52,793
Misc Overhead			1,321	1,571	2,250	2,393	2,040	1,433	11,009
Production & Storage			330,071	330,071	330,071	330,071	330,071	330,071	1,980,426
Total Indirect Costs			\$ 346,410	\$ 217,923	\$ 353,580	\$ 581,989	\$ 204,456	\$ 236,808	\$ 1,941,165
Interest			\$ 16,748	\$ 20,226	\$ 20,930	\$ 18,498	\$ 17,355	\$ 10,076	\$ 103,831
Total Gas Costs plus Indirect Costs		\$ 4,720,499	\$ 3,485,159	\$ 9,900,102	\$ 13,384,721	\$ 15,452,286	\$ 10,281,010	\$ 4,328,366	\$ 61,552,142
Total Forecasted Sales Volumes			5,620,448	13,432,266	19,240,676	20,461,218	17,445,182	12,241,542	88,441,333
Total Forecasted Collections			\$ 2,006,233	\$ 8,715,789	\$ 14,087,702	\$ 14,988,676	\$ 12,788,641	\$ 8,965,102	\$ 61,552,142