

March 21, 2017

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

RE: BTU Content Factor Filing

Dear Ms. Massaro:

National Grid's¹ currently effective gas tariff, RIPUC NG No. 101, Section 1, Schedule B, Sheet 1 (definition of BTU content factor) requires National Grid to calculate the seasonal BTU content based upon the prior six-month experience for the equivalent season, which National Grid would then propose to take effect for the applicable May 1 and November 1. Such BTU content factors are used to convert volumetric meter readings into therms. Based on National Grid's actual gas sendout data for the six months ending October 2016, the actual weighted average system BTU content factor is 1.028. Thus, for the period of May 2017 through October 2017, the Company proposes to use a BTU content factor of 1.028 to convert volumetric meter readings to therms. By way of example, a meter reading of 100 ccf will equate to 102.8 therms (100 x 1.028). The proposed 1.028 BTU content factor reflects a change from the current BTU content factor of 1.029 that is in effect through the end of April 2017.

Attached please find the cumulative sendout data for the period of May 1, 2016 through October 31, 2016, supporting the proposed 1.028 BTU content factor calculation. The attachment contains volumetric and thermal equivalent sendout data for each gate station and production facility for the six months ending October 31, 2016. National Grid sent out 10,427,807 MMBtus with a volume of 10,148,230 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.028.

Thank you for your attention to this matter. If you have any questions, please call me at 401-784-7415.

Very truly yours,



Robert J. Humm

Enclosure

cc: Sharon Colby Camara
Steve Scialabba
Bruce Oliver

¹ The Narragansett Electric Company d/b/a National Grid.

Rhode Island BTU Factor Report
May 1, 2016 Through October 31, 2016

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	1,366,995		1,406,284
Cranston	1,892,050		1,947,245
Lincoln	389,454		400,786
Smithfield	236,223		243,101
	3,884,722	1.029	3,997,417
Algonquin Gate Stations			
Wampanog Trail	4,647,109		4,773,168
Dey Street	353,531		363,132
Barrington	-		-
Portsmouth	468,756		481,536
Tiverton	21,508		22,091
Westerly	195,917		201,119
Burrville	48,953		50,310
Warren	212,286		218,061
Diamond Hill	2,906		2,988
	5,950,966	1.027	6,112,405
Yankee			
Montville	17	1.028	17
LNG			
Providence NGLNG ¹	590		628
Exeter	239		249
Cumberland	15,513		16,770
Newport	-		-
Westerly	-		-
	16,342	1.080	17,647
Boiloff			
Providence NGLNG ¹	254,697		258,263
Exeter	22,515		22,781
Cumberland	18,971		19,277
	296,183	1.014	300,320
Daily Weighted Average Factor	10,148,230	1.028	10,427,807

Note: ¹ represents all the gas that goes into the RI systems