

March 17, 2016

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's currently effective gas tariff, RIPUC NG No. 101, Section 1, Schedule B, Sheet 1 (definition of BTU content factor) requires the Company to calculate the seasonal BTU content based upon the prior six-month experience for the equivalent season, which the Company 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 the Company's actual gas sendout data for the six months ending October 2015, the actual weighted average system BTU content factor is 1.028. Thus, for the period of May 2016 through October 2016, 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 1.031 that is in effect through the end of April 2016.

Attached please find the cumulative sendout data for the period of May 1, 2015 through October 31, 2015, 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, 2015. The Company sent out 10,240,651 MMBtus with a volume of 9,962,663 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.028.

Thank you for your attention to this transmittal. If you have any questions, please call me at 401-784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosure

cc: Sharon Colby Camara
Steve Scialabba
Bruce Oliver

Rhode Island BTU Factor Report
May 1, 2015 Through October 31, 2015

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	940,760		968,164
Cranston	2,485,342		2,558,924
Lincoln	801,897		825,662
Smithfield	92,074		94,882
	4,320,072	1.030	4,447,633
Algonquin Gate Stations			
Wampanog Trail	3,302,699		3,393,328
Dey Street	1,129,109		1,160,064
Barrington	131		137
Portsmouth	474,840		487,896
Tiverton	20,200		20,761
Westerly	184,872		189,896
Burrville	47,039		48,359
Warren	153,161		157,420
Diamond Hill	11,428		11,756
	5,323,479	1.027	5,469,617
Yankee			
Montville	487	1.028	501
LNG			
Providence KLNG ¹	-		-
Exeter	-		-
Cumberland	149		158
Newport	-		-
Westerly	-		-
	149	1.061	158
Boiloff			
Providence KLNG ¹	270,461		274,248
Exeter	25,919		26,178
Cumberland	22,096		22,317
	318,476	1.013	322,743
Daily Weighted Average Factor	9,962,663	1.028	10,240,651

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