

October 1, 2013

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: BTU 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 in October and April based upon the prior six-month experience. Such BTU factors are used to convert volumetric meter readings into therms. Based on the Company's actual gas sendout data for the six months ending April 2013, the actual weighted average system BTU content was 1.034. Thus, the Company will convert volumetric meter readings to therms using a BTU conversion factor of 1.034 for the period of November 2013 through April 2014. By way of example, a meter reading of 100 ccf will equate to 103.4 therms (100 x 1.034). The 1.034 BTU conversion factor reflects a change from the current BTU conversion factor of 1.032 that is in effect through the end of October 2013.

Attached please find the cumulative sendout data for the period of November 1, 2012 through April 30, 2013, supporting the 1.034 BTU conversion calculation. The attachment contains volumetric and thermal equivalent sendout data for each gate station and production facility for the six months ending April 30, 2013. As shown on page 1, the Company sent out 30,196,775 MMBtus with a volume of 29,212,727 Mcfs, resulting in the semi-annual weighted average BTU conversion factor of 1.034.

Please call me at (401) 784-7667 if you have any questions.

Very truly yours,



Thomas R. Teehan

Enclosure

cc: Sharon Colby Camara
Steve Scialabba
Bruce Oliver

Rhode Island BTU Factor Report
November 1, 2012 Through April 30, 2013

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	3,140,342		3,226,251
Cranston	4,919,004		5,053,737
Lincoln	1,986,922		2,040,904
Smithfield	2,030,738		2,086,183
	12,077,006	1.027	12,407,075
Algonquin Gate Stations			
Wampanog Trail	8,027,409		8,326,006
Dey Street	4,590,515		4,758,737
Barrington	-		-
Portsmouth	1,707,690		1,768,333
Tiverton	73,544		76,276
Westerly	347,230		360,964
Burriville	4,769		4,960
Warren	860,303		892,773
Diamond Hill	226,794		235,118
	15,838,254	1.037	16,423,167
Yankee			
Montville	104,146	1.034	107,687
LNG			
Providence KLNG ¹	839,126		893,669
Exeter	54,905		59,064
Cumberland	33,004		36,304
Newport	-		-
Westerly	-		-
	927,035	1.067	989,038
Boiloff			
Providence KLNG ¹	214,742		217,748
Exeter	30,881		31,191
Cumberland	20,663		20,869
	266,286	1.013	269,808
Daily Weighted Average Factor	29,212,727	1.034	30,196,775

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