Jennifer B. Hutchinson
Senior Counsel

September 26, 2014

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 based upon the prior six-month experience for the equivalent season, and which the Company would propose to take effect for the applicable May 1 and November 1. 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 2014, the actual weighted average system BTU content is 1.029. Thus, for the period November 2014 through April 2015, the Company will convert volumetric meter readings to therms using a BTU conversion factor of 1.029. By way of example, a meter reading of 100 ccf will equate to 102.9 therms (100 x 1.029). The 1.029 BTU conversion factor reflects a change from the current BTU conversion factor of 1.034 that is in effect through the end of October 2014.

Attached please find the cumulative sendout data for the period of November 1, 2013 through April 30, 2014, supporting the 1.029 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, 2014. As shown on page 1, the Company sent out 33,698,800 MMBtus with a volume of 32,740,479 Mcfs, resulting in the semi-annual weighted average BTU conversion factor of 1.029.

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

Very truly yours,

Jennifer B. Hutchinson

Enclosure
cc: Sharon Colby Camara
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Bruce Oliver

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Rhode Island BTU Factor Report
November 1, 2013 Through April 30, 2014

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	3,284,815		3,375,449
Cranston	5,007,423		5,146,966
Lincoln	2,139,973		2,199,390
Smithfield	2,106,590		2,165,200
	12,538,800	1.028	**12,887,005**
Algonquin Gate Stations			
Wampanog Trail	10,178,701		10,451,037
Dey Street	4,631,101		4,764,422
Barrington	172,565		178,564
Portsmouth	1,860,558		1,914,331
Tiverton	79,631		81,937
Westerly	331,581		341,155
Burriville	6,673		6,866
Warren	943,303		970,217
Diamond Hill	149,896		154,426
	18,354,010	1.028	**18,862,955**
Yankee			
Montville	**184,716**	1.034	**190,996**
LNG			
Providence KLNG[1]	1,244,989		1,325,913
Exeter	110,108		118,016
Cumberland	41,115		43,623
Newport	-		-
Westerly	-		-
	1,396,212	1.065	**1,487,552**
Boiloff			
Providence KLNG[1]	220,702		223,792
Exeter	26,291		26,554
Cumberland	19,749		19,946
	266,742	1.013	**270,292**
Daily Weighted Average Factor	**32,740,479**	1.029	**33,698,800**

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