

October 21, 2019

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-GAS No. 101, Section 1, Schedule B, Sheet 1 (definition of British thermal unit (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 April 2019, the actual weighted average system BTU content factor is 1.030. Thus, for the period of November 2019 through April 2020, National Grid proposes to use a BTU content factor of 1.030 to convert volumetric meter readings to therms. By way of example, a meter reading of 100 ccf will equate to 103.0 therms (100 x 1.030). The proposed 1.030 BTU content factor reflects a change from the current BTU content factor of 1.027 that is in effect through the end of October 2019.

Attached please find the cumulative sendout data for the period of November 1, 2018 through April 30, 2019, supporting the proposed 1.030 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 April 30, 2019. The Company sent out 33,505,42 MMBtus with a volume of 32,528,696 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.030.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3337.

Robinson+Cole

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Very truly yours,

A handwritten signature in cursive script that reads "Leticia Pimentel".

Leticia Pimentel

cc: John Bell, Division
Al Mancini, Division

Docket No. 4963 – National Grid – 2019 Annual Gas Cost Recovery Filing (GCR) - Service List as of 8/30/2019

Name/Address	E-mail	Phone
Jennifer Hutchinson, Esq. Raquel J. Webster, Esq. National Grid 40 Sylvan Road Waltham, MA 02451	Jennifer.Hutchinson@nationalgrid.com ;	401-784-7288 781-907-2121
	Celia.obrien@nationalgrid.com ;	
	Joanne.scanlon@nationalgrid.com ;	
	Raquel.webster@nationalgrid.com ;	
Steven Boyajian, Esq. Leticia Pimentel, Esq. Robinson & Cole LLP One Financial Plaza, 14 th Floor Providence, RI 02903	lpimentel@rc.com ;	401-709-3359 401-709-3337
	SBoyajian@rc.com ;	
Ann Leary Michael Pini Marybeth Carroll Elizabeth Arangio Samara Jaffe Theresa Burns John Protano Theodore Poe National Grid 40 Sylvan Road Waltham, MA 02541	Ann.Leary@nationalgrid.com ;	
	Michael.pini@nationalgrid.com ;	
	MaryBeth.Carroll@nationalgrid.com ;	
	Elizabeth.Arangio@nationalgrid.com ;	
	Samara.jaffe@nationalgrid.com ;	
	Theresa.burns@nationalgrid.com ;	
	John.protano@nationalgrid.com ;	
Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	Leo.wold@dpuc.ri.gov ;	401-780-2177
	John.bell@dpuc.ri.gov ;	
	Al.mancini@dpuc.ri.gov ;	
	Jonathan.schrag@dpuc.ri.gov ;	
	Ronald.Gerwatowski@dpuc.ri.gov ;	
	dmacrae@riag.ri.gov ;	
Jerome D. Mierzwa Exeter Associates 10480 Little Patuxent Parkway, Suite 300 Columbia, Maryland 21044	jmierzwa@exeterassociates.com ;	410-992-7500
File an original & nine (9) copies w/: Luly E. Massaro, Commission Clerk Margaret Hogan, Commission Counsel	Luly.massaro@puc.ri.gov ;	401-780-2107
	Margaret.hogan@puc.ri.gov ;	
Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Patricia.lucarelli@puc.ri.gov ;	
	Sharon.ColbyCamara@puc.ri.gov ;	
	Todd.bianco@puc.ri.gov ;	
Office of Energy Resources Christopher Kearns Nicholas Ucci	Christopher.Kearns@energy.ri.gov ;	
	Nicholas.ucci@energy.ri.gov ;	
	Alan.nault@nationalgrid.com ;	

**Rhode Island BTU Content Factor Report
November 1, 2018 Through April 30, 2019**

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	3,148,796		3,242,195
Cranston	5,039,967		5,196,252
Lincoln	2,376,347		2,450,123
Smithfield	2,493,626		2,570,975
	13,058,737	1.031	13,459,545
Algonquin Gate Stations			
Wampanog Trail	7,549,255		7,763,932
Dey Street	2,981,072		3,065,884
Barrington	6,514		6,705
Portsmouth	1,848,531		1,901,100
Tiverton	90,657		93,244
Westerly	322,118		330,787
Burriville	74,362		76,379
Warren	992,457		1,020,702
Diamond Hill	90,970		93,586
Providence	3,935,755		4,046,711
	17,891,691	1.028	18,399,031
Yankee			
Montville	223,236	1.028	229,487
LNG			
Providence NGLNG ¹	984,050		1,038,331
Exeter	55,906		58,972
Cumberland	6,382		6,668
Newport	1,714		1,770
Westerly	-		-
	1,048,052	1.055	1,105,741
Boiloff			
Providence NGLNG ¹	272,121		276,206
Exeter	34,858		35,433
Cumberland	-		-
	306,980	1.015	311,639
Daily Weighted Average Factor	32,528,696	1.030	33,505,442

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