

March 25, 2022

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 October 2021, the actual weighted average system BTU content factor is 1.028. Thus, for the period of May 2022 through October 2022, National Grid 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 1.030 that is in effect through the end of April 2022.

Attached please find the cumulative sendout data for the period of May 1, 2021 through October 31, 2021, 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, 2021. The Company sent out 9,683,220 Dths with a volume of 9,421,235 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.028.

Robinson+Cole

March 25, 2022

Page 2

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

Very truly yours,



Leticia C. Pimentel

Enclosure

cc: John Bell, Division
Al Mancini, Division

Rhode Island BTU Content Factor Report
May 1, 2021 Through October 31, 2021

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	704,920		725,535
Cranston	1,319,907		1,359,134
Lincoln	819,992		844,345
Smithfield	677,670		697,715
	3,522,489	1.030	3,626,729
Algonquin Gate Stations			
Wampanog Trail	4,358,386		4,478,117
Dey Street	225,234		231,307
Barrington	-		-
Portsmouth	438,620		450,261
Tiverton	20,023		20,551
Westerly	118,711		121,921
Burriville	53,195		54,608
Warren	197,971		203,265
Diamond Hill	76,304		78,349
Providence	77,807		79,935
	5,566,251	1.027	5,718,314
Yankee			
Montville	52,781	1.028	54,249
LNG			
Providence NGLNG ¹	1,508		1,549
Exeter	0		0
Cumberland	-		-
Newport	-		-
	1,508	1.027	1,549
Boiloff			
Providence NGLNG ¹	254,512		258,308
Exeter	23,694		24,070
Cumberland	-		-
	278,206	1.015	282,379
Daily Weighted Average Factor	9,421,235	1.028	9,683,220

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