

September 20, 2021

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 2021, the actual weighted average system BTU content factor is 1.030. Thus, for the period of November 2021 through April 2022, 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 2021.

Attached please find the cumulative sendout data for the period of November 1, 2020 through April 30, 2021, 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, 2021. The Company sent out 31,336,280 MMBtus with a volume of 30,427,901 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.030.

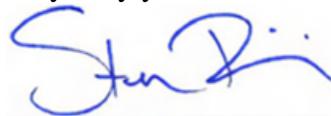
Robinson+Cole

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Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3359.

Very truly yours,



Steven J. Boyajian

Enclosure

cc: John Bell, Division
Al Mancini, Division

Docket No. 5066 – National Grid – 2020 Annual Gas Cost Recovery Filing (GCR) - Service List as of 3/24/2021

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**Rhode Island BTU Content Factor Report
November 1, 2020 Through April 30, 2021**

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	2,572,841		2,655,657
Cranston	5,198,102		5,366,172
Lincoln	2,453,750		2,532,958
Smithfield	2,256,699		2,329,683
	12,481,392	1.032	12,884,469
Algonquin Gate Stations			
Wampanog Trail	7,801,354		8,018,102
Dey Street	2,787,884		2,866,629
Barrington	-		-
Portsmouth	1,743,838		1,792,432
Tiverton	86,139		88,546
Westerly	329,778		338,771
Burrville	73,743		75,724
Warren	925,049		950,909
Diamond Hill	103,970		106,881
Providence	3,107,787		3,194,530
	16,959,542	1.028	17,432,524
Yankee			
Montville	179,260	1.028	184,279
LNG			
Providence NGLNG ¹	547,243		570,581
Exeter	2,381		2,482
Cumberland	1,305		1,430
Newport	3,368		3,472
Westerly	-		-
	554,296	1.043	577,965
Boiloff			
Providence NGLNG ¹	221,710		224,856
Exeter	31,701		32,186
Cumberland	-		-
	253,411	1.014	257,042
Daily Weighted Average Factor	30,427,901	1.030	31,336,280

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