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Also admitted in Massachusetts

March 5, 2021

VIA FIRST-CLASS MAIL & 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 2020, the actual weighted average system BTU content factor is 1.027. Thus, for the period of May 2021 through October 2021, National Grid proposes to use a BTU content factor of 1.027 to convert volumetric meter readings to therms. By way of example, a meter reading of 100 ccf will equate to 102.7 therms (100 x 1.027). The proposed 1.027 BTU content factor reflects a change from the current BTU content factor of 1.029 that is in effect through the end of April 2021.

Attached please find the cumulative sendout data for the period of May 1, 2020 through October 31, 2020, supporting the proposed 1.027 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, 2020. The Company sent out 10,211,887 MMBtus with a volume of 9,941,034 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.027.


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. 4963 – National Grid – 2019 Annual Gas Cost Recovery Filing (GCR) - Service List as of 8/30/2019

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Rhode Island BTU Content Factor Report
May 1, 2020 Through October 31, 2020

| | MCF | BTU | DTH |
|--------------------------------------|------------------|--------------|-------------------|
| Tennessee Gate Station | | | |
| Scott Road | 1,113,033 | | 1,144,668 |
| Cranston | 791,854 | | 815,072 |
| Lincoln | 767,399 | | 789,902 |
| Smithfield | 1,203,023 | | 1,238,575 |
| | 3,875,309 | 1.029 | 3,988,217 |
| Algonquin Gate Stations | | | |
| Wampanog Trail | 3,556,326 | | 3,650,666 |
| Dey Street | 401,241 | | 411,929 |
| Barrington | - | | - |
| Portsmouth | 470,999 | | 483,421 |
| Tiverton | 21,488 | | 22,055 |
| Westerly | 167,518 | | 171,950 |
| Burriville | 51,597 | | 53,024 |
| Warren | 223,406 | | 229,304 |
| Diamond Hill | 107,378 | | 110,232 |
| Providence | 798,265 | | 819,300 |
| | 5,798,218 | 1.027 | 5,951,881 |
| Yankee | | | |
| Montville | 1,751 | 1.028 | 1,800 |
| LNG | | | |
| Providence NGLNG ¹ | 17,185 | | 17,852 |
| Exeter | - | | - |
| Cumberland | - | | - |
| Newport | - | | - |
| Westerly | - | | - |
| | 17,185 | 1.039 | 17,852 |
| Boiloff | | | |
| Providence NGLNG ¹ | 226,039 | | 229,222 |
| Exeter | 22,532 | | 22,915 |
| Cumberland | - | | - |
| | 248,571 | 1.014 | 252,137 |
| Daily Weighted Average Factor | 9,941,034 | 1.027 | 10,211,887 |

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