

October 20, 2016

**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:

On September 22, 2016, National Grid<sup>1</sup> submitted its BTU Content Factor Filing to the Public Utilities Commission (PUC).

Upon reviewing its records, the Company noticed that it had enclosed an incorrect version of the letter summarizing its sendout report. For the PUC's convenience and for facilitating posting to the PUC's website, the Company is attaching a corrected version of the cover letter along with the original sendout report, which remains unchanged.

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

Very truly yours,



Jennifer Brooks Hutchinson

Enclosure

cc: Sharon Colby Camara  
Steve Scialabba  
Bruce Oliver

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid (National Grid or the Company)

September 22, 2016

**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 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, which the Company 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 the Company's actual gas sendout data for the six months ending April 2016, the actual weighted average system BTU content factor is 1.029. Thus, for the period of November 2016 through April 2017, the Company proposes to use a BTU content factor of 1.029 to convert volumetric meter readings to therms. By way of example, a meter reading of 100 ccf will equate to 102.9 therms (100 x 1.029). The proposed 1.029 BTU content factor reflects a change from the current BTU content factor of 1.028 that is in effect through the end of October 2016.

Attached please find the cumulative sendout data for the period of November 1, 2015 through April 30, 2016, supporting the proposed 1.029 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, 2016. The Company sent out 28,139,540 MMBtus with a volume of 27,340,437 Mcfs, resulting in the proposed semi-annual weighted average BTU content 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 Brooks Hutchinson

Enclosure

cc: Sharon Colby Camara  
Steve Scialabba  
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**Rhode Island BTU Factor Report Report  
November 1, 2015 Through April 30, 2016**

|                                      | MCF               | BTU          | DTH               |
|--------------------------------------|-------------------|--------------|-------------------|
| <b>Tennessee Gate Station</b>        |                   |              |                   |
| Scott Road                           | 2,708,599         |              | 2,788,601         |
| Cranston                             | 4,161,108         |              | 4,284,757         |
| Lincoln                              | 1,857,523         |              | 1,912,772         |
| Smithfield                           | 1,912,613         |              | 1,969,553         |
|                                      | <b>10,639,843</b> | 1.030        | <b>10,955,683</b> |
| <b>Algonquin Gate Stations</b>       |                   |              |                   |
| Wampanog Trail                       | 8,990,927         |              | 9,237,430         |
| Dey Street                           | 3,465,024         |              | 3,560,634         |
| Barrington                           | 68,327            |              | 70,229            |
| Portsmouth                           | 1,553,027         |              | 1,595,790         |
| Tiverton                             | 71,050            |              | 73,003            |
| Westerly                             | 368,348           |              | 378,258           |
| Burrville                            | 66,627            |              | 68,437            |
| Warren                               | 811,101           |              | 833,458           |
| Diamond Hill                         | 120,973           |              | 124,314           |
|                                      | <b>15,515,404</b> | 1.027        | <b>15,941,553</b> |
| <b>Yankee</b>                        |                   |              |                   |
| Montville                            | <b>48,310</b>     | 1.028        | <b>49,663</b>     |
| <b>LNG</b>                           |                   |              |                   |
| Providence NGLNG <sup>1</sup>        | 694,545           |              | 739,654           |
| Exeter                               | 59,348            |              | 63,122            |
| Cumberland                           | 36,858            |              | 39,106            |
| Newport                              | -                 |              | -                 |
| Westerly                             | -                 |              | -                 |
|                                      | <b>790,751</b>    | 1.065        | <b>841,883</b>    |
| <b>Boiloff</b>                       |                   |              |                   |
| Providence NGLNG <sup>1</sup>        | 292,196           |              | 296,287           |
| Exeter                               | 32,633            |              | 32,959            |
| Cumberland                           | 21,300            |              | 21,513            |
|                                      | <b>346,129</b>    | 1.013        | <b>350,759</b>    |
| <b>Daily Weighted Average Factor</b> | <b>27,340,437</b> | <b>1.029</b> | <b>28,139,540</b> |

Note: <sup>1</sup> represents all the gas that goes into the RI systems