

October 20, 2020

**VIA ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 5043 - National Grid's Gas Long-Range Resource and Requirements Plan  
Forecast Period 2020/21 to 2024/25  
Responses to PUC Data Requests – Set 2**

Dear Ms. Massaro:

I have enclosed an electronic version of National Grid's<sup>1</sup> responses to the Public Utilities Commission's Second Set of Data Requests in the above-referenced docket.<sup>2</sup>

Thank you for your attention to this matter. If you have any questions, please contact me at 781-907-2121.

Very truly yours,



Raquel J. Webster

Enclosures

cc: Docket 5043 Service List  
Leo Wold, Esq.  
Al Mancini, Division  
John Bell, Division

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

<sup>2</sup> Per Commission counsel's update on October 2, 2020, concerning the COVID-19 emergency period, the Company is submitting an electronic version of this filing. The Company is also providing the Commission Clerk with five copies.

The Narragansett Electric Company  
d/b/a National Grid  
RIPUC Docket No. 5043  
In Re: Gas Long-Range Resource and Requirements Plan  
for the Forecast Period 2020/21 to 2024/25  
Responses to the Commission's Second Set of Data Requests  
Issued on October 19, 2020

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PUC 2-1

Request:

In the Company's response to PUC 1-1, the Company identifies costs to connect a new customer to the natural gas system. What portion of those costs are allocated to the individual customer being connected?

Response:

In accordance with Section 8 (Service and Main Extension Policies) of the Company's Gas Tariff, RIPUC NG-GAS No. 101, whenever the estimated expenditures necessary to supply gas to the Customer or to relocate or upgrade Company equipment for reasons other than the needs of the Company, shall be such an amount that the estimated revenue derived from gas service at the applicable rates will be insufficient to warrant such expenditures, the Company will require the Customer to pay the whole or part of such expenditures. The Company will use a cash flow and a net present value (NPV analysis) to determine the appropriate customer contribution, referred to as CIAC (i.e. Contribution in Aid of Construction).

Therefore, the portion of the costs allocated to the individual customer is dependent on the estimated expenditure and the estimated revenue, which is a function of load and rate classification. Overall, in fiscal years 2019 and 2020, the customer contribution was approximately 3% of service costs and 12% of main costs.

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PUC 2-2

Request:

In the Company's response to PUC 1-5(g) it discusses the Company's gas demand response program being in the pilot phase, what is the status of the pilot?

Response:

The Company is actively piloting gas demand response in Rhode Island (the "Pilot."). The Pilot focuses on verifying the feasibility of demand response for both participants and the Company. During the winter of 2019/20, four facilities participated in the Pilot. Two of these facilities were enrolled in the Extended Demand Response ("EDR") program, which involves reducing gas consumption over the course of a gas day (i.e. 10AM through 10AM on the following day). The other two facilities were enrolled in the Peak-Period Demand Response ("PPDR") program, which involves reducing gas consumption during the peak consumption period, defined as 6AM through 9AM.

The mild weather during the winter of 2019/20 made it difficult to collect sufficient, relevant data to demonstrate the efficacy of demand response programs under Design Day conditions. During winter 2020/21, the Company will continue to work with participants to improve the program, and to better understand participation strategies, appropriate enrollment levels, and program reliability.

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.



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Joanne M. Scanlon

October 20, 2020

Date

**Docket No. 5043 – National Grid’s Gas Long-Range Resource Plan  
Service List as of 7/23/2020**

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