

November 21, 2014

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4527 – 2015 Energy Efficiency Program Plan
Responses to Commission Data Requests – Set 1**

Dear Ms. Massaro:

Enclosed are ten (10) copies of National Grid's¹ responses to the first set of data requests issued by the Rhode Island Public Utilities Commission on November 3, 2014 concerning the above-referenced matter.

Please be advised that the Company's response to COMM 1-1 will be forthcoming.

Thank you for your attention to this filing. If you have any questions, please contact me at (401) 784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosure

cc: Docket 4527 Service List
Karen Lyons, Esq.
Jon Hagopian, Esq.
Steve Scialabba, Division

¹ The Narragansett Electric Company d/b/a National Grid (referred to herein as National Grid or Company).

Certificate of Service

I hereby certify that a copy of the cover letter and/or any materials accompanying this certificate were electronically transmitted and sent via U.S. Mail to the individuals listed below.

Copies of this filing were hand delivered to the RI Public Utilities Commission and to the RI Division of Public Utilities Carriers.

Joanne M. Scanlon

November 21, 2014
Date

**Docket No. 4527 - National Grid - 2015 Energy Efficiency Program Plan
Service list updated 11/6/14**

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COMM 1-2

Request:

Plan, p. 15. Explain why the 2015 electric EE budget is slightly lower than the 2014 budget (\$87.1 million).

Response:

The 2014 electric EE budget included a \$14 million customer incentive for the Toray CHP project. The 2014 savings target was also higher than the 2015 savings target due to anticipated savings from the CHP project. Both the 2015 electric EE budget and savings targets are lower than 2014 because the Company is not planning to complete a project of such magnitude. However, since the Toray CHP savings had a lower cost per kWh than the average savings mix, the budget to procure the 2015 savings mix is only slightly lower than 2014.

COMM 1-3

Request:

Plan, p.11. For each of the programs listed in Table 5, explain using a few, complete sentences the specific method of counting participation.

Response:

Explanation of Participation Units:

National Grid tracks the unique accounts that benefit from efficiency programs whenever possible. For Commercial programs and Residential home audit programs, the account information is associated with projects that can include multiple measures done simultaneously or over the course of the year. For the HVAC programs, the account information maps to applications for rebated measures. Where duplicate account records exist within a program, they will be counted as one participant.

For the residential new construction programs and gas Commercial and Industrial Multifamily, unique accounts do not exist for the housing units benefitting from efficiency. The number of housing units therefore serves as the measure of participation. For the EnergyStar Products program, account information is not collected for all rebated measures, so the number of rebated measures is used to measure participation. For the EnergyStar Lighting program, no account information is tracked, so participation is calculated from estimates of lighting products sold per household.

For all programs, net participation will be reported, similar to the reporting of energy savings, to represent that only those participants whom the Company influenced to undertake energy efficiency projects should be counted.

Program Participation Counting Methods:

Gas Programs:

For the following gas programs, net participants will be counted as the number of accounts unique to the projects completed through each of the respective programs in 2015 multiplied by the respective program's overall net-to-gross ratio:

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- Gas Commercial and Industrial New Construction
- Gas Commercial and Industrial Retrofit
- Gas Small Business Direct Install
- Gas Single Family Income Eligible Services
- Gas Income Eligible Multifamily
- Gas EnergyWise
- Gas EnergyWise Multifamily

For Gas Commercial and Industrial Multifamily, net participants will be counted as the number of housing units unique to the projects completed through the program in 2015 multiplied by the program's overall net-to-gross ratio.

For Gas EnergyStar HVAC, net participants will be counted as the number of accounts unique to the measures rebated through the program in 2015 multiplied by the program's overall net-to-gross ratio.

For Gas Home Energy Reports, net participants will be counted as the number of unique customers who will receive Home Energy Reports in 2015 multiplied by the program's overall net-to-gross ratio.

For Gas Residential New Construction, net participants will be counted as the number of unique newly built housing units affected by the program in 2015 multiplied by the program's overall net-to-gross ratio.

Electric Programs

For the following electric programs, net participants will be counted as the number of accounts unique to the projects completed through each of the respective programs in 2015 multiplied by the respective program's overall net-to-gross ratio:

- Electric Commercial and Industrial New Construction
- Electric Commercial and Industrial Retrofit
- Electric Small Business Direct Install
- Electric Single Family Income Eligible Services
- Electric Income Eligible Multifamily
- Electric EnergyWise
- Electric EnergyWise Multifamily

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For Electric EnergyStar HVAC, net participants will be counted as the number of accounts unique to the measures rebated through the program in 2015 multiplied by the program's overall net-to-gross ratio.

For Electric Home Energy Reports, net participants will be counted as the number of unique customers who will receive Home Energy Reports in 2015 multiplied by the program's overall net-to-gross ratio.

For Electric Residential New Construction, net participants will be counted as the number of unique newly built housing units affected through the program in 2015 multiplied by the program's overall net-to-gross ratio.

For Electric EnergyStar Products, net participants will be counted as the quantity of rebated products multiplied by the program's overall net-to-gross ratio.

For Electric EnergyStar Lighting, net participation will be counted as the sum of each measure's calculated net participation. For each measure, net participation will be counted by dividing the quantity of rebated bulbs by its bulbs/participant ratio derived from field surveys of similar programs in Massachusetts (see Table 1 below) and multiplying it by its net-to-gross ratio.

Table 1

Measure	Bulbs/Participant
Screw-in Bulbs	8
Screw-in Bulbs (Hard-to-Reach)	4
Screw-in Bulbs (Specialty bulbs)	8
LED's	3
Indoor Fixture (including torchieres)	2
Outdoor Fixtures	2
LED Fixtures	1
Screw-n Bulbs - School Fundraiser	4