

March 13, 2017

**BY HAND DELIVERY AND ELECTRONIC MAIL**

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

**RE: Docket 4580 - National Grid Electric and Gas Energy Efficiency Programs  
2016 Quarterly Report – Fourth Quarter**

Dear Ms. Massaro:

I have enclosed ten (10) copies of National Grid's<sup>1</sup> quarterly report for the fourth quarter of 2016. This report includes the preliminary quarterly results for the Company's natural gas and electric energy efficiency programs, a summary of the programs' progress, and a status of the Commercial & Industrial revolving loan fund. The Company has provided copies of this report to the parties in this docket.

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 4580 Service List  
Steve Scialabba, Division  
Jon Hagopian, Esq.

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid.

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.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



\_\_\_\_\_  
Joanne M. Scanlon

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A UFW% , 201+

Date

**Docket No. 4580 - National Grid - 2016 Energy Efficiency Program Plan  
Service list updated 12/14/15**

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# Rhode Island Energy Efficiency

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Fourth Quarter 2016 | National Grid

February 9, 2017

## Overview

National Grid maintained momentum throughout the 2016 program year and has met its portfolio goal while exceeding many program goals. Preliminary year end results show that the Company achieved 107% of its electric energy savings goal, 101% of its electric demand savings goal, and 107% of its gas savings goal.

Residential programs finished strong in the fourth quarter. Overall 526 units were served by Residential New Construction program in 2016 and 51% of completed units achieved top tier savings levels. In the EnergyWise program, over 9,000 home energy assessments and 2,500 weatherization jobs were completed in 2016. In terms of programmatic improvements, the Company engaged with RI distributors and manufacturers to promote program offerings and benefits for the HVAC program and focused on LED promotion and dehumidifier recycling in the residential lighting and energy Star program.

The commercial and industrial programs also delivered strong results. The Company owned street lighting tariff was approved and went into effect on January 1<sup>st</sup>, 2017. There were also new developments in SEMP and CHP projects that will deliver considerable energy cost savings and benefits. The Company is working with a diverse group of stakeholders to develop the stretch code for the commercial and public sector to further promote energy efficiency, renewable energy systems, building commissioning, and other key aspects of sustainable building practices.

During the fourth quarter the Rhode Island Public Utilities Commission approved the 2017 Energy Efficiency Program Plan on December 20, 2016. Therefore, the efforts of the last few months have been focused on both meeting 2016 targets while laying groundwork for continued excellent performance in 2017. The Company is confident that it will be able to continue its momentum from 2016 into 2017, finishing strong with the 2015-2017 three-year period and creating even more benefits and energy savings to the State of Rhode Island.

## 2016 Program & Initiative Updates

### Residential New Construction (RNC)

Residential New Construction had a strong fourth quarter:

- 226 units enrolled in the Program during the fourth quarter bringing total enrollments this year to 624, which is 113% of the overall goal.
- 208 units completed during the fourth quarter. 60 homes achieved Tier II and 5 achieved Tier III. 64% of the homes completed this quarter were income eligible.
- Overall 526 units were served by RNC in 2016, 51% achieved either Tier II or Tier III, 69% were new construction and 44% were income eligible. 185 homes (35%) were heated with a fuel other than gas, which is very different to past years when the rate was approximately 10%. 150 (81%) of these homes had electric heat.

### RNC & SolarWise Collaboration

- SolarWise marketing materials and application forms were rolled out for the RNC Program during the fourth quarter. RNC participants building single family homes achieving Tier II, or higher, savings (a minimum of 31% savings over the program baseline, the User Defined Reference Home (UDRH)) will be eligible to apply for Solar Wise. RNC Program representatives have incorporated SolarWise materials into their outreach activities and enrollment process.

### NESEA BuildingEnergy Pro Tour of RNC Project

- An RNC home in Wakefield was included in the NESEA Pro Tour series. Construction on the home, designed to be a Passive House, began spring of 2016. The event offered the opportunity to active residential construction that strategically uses standard building materials and techniques to meet the Passive House standard. Preliminary analysis has the home at a HERS Index of 30 and 4.75 kbtu/sq ft energy use.

### Customer success story: Greenridge Apartments, Burrillville, RI

- A 96 unit development located in Burrillville's Pascoag Village enrolled in the RNC program during the fourth quarter. Greenridge Apartments, a NeighborWorks Blackstone River Valley project, was awarded federal low-income housing tax credits from RI Housing in 2015.
- This development project is expected to generate about 125 construction jobs over the three-year building process, and will help Burrillville reach its goal of ensuring that 10% of its housing stock is affordable. Some of the vacant deteriorating storefronts will also be replaced as part of this initiative which will help efforts to revitalize the center of Pascoag.

### Income Eligible

- The Weatherization Technical Committee meeting in the fourth quarter addressed the Rhode Island Department of Human Services (DHS) Monitoring visit by DOE, Deferral, Lead Safe Work protocol changes in RI, ASHRAE 62.2 implementation and Minority Business Enterprise (MBE) reporting as a quarterly requirement.

- The RI WAP/IES Weatherization Bid process was completed in the fourth quarter producing an updated weatherization price and measure list for the first time in more than three years.
- National Grid Background Check program continued with an emphasis on specialty contractors (electricians, chimney service, disaster prep, etc.). The Rhode Island DHS has collaborated with CLEAResult and requires all contractors implementing DHS funded projects to meet the requirements of the National Grid Background Check program.
- CLEAResult worked with collaborative partners to develop and participate in a Heating System training designed to focus on heating systems found in RI (Hydronic and steam) as an add on to the BPI Heating system training.
- CLEAResult participated in the successful transition from Tri-Town and South County Community Action Program (CAP) to the new Tri-County CAP.

## **EnergyWise**

- Over 9,000 home energy assessments and 2,500 weatherization jobs were completed in 2016.
- eSignLive became available to customers for electronic paperwork submission.
- Two new independent insulation contractors on-boarded in the fourth quarter.
- There were 806 heat loans completed through the fourth quarter totaling \$4.75 million loaned.

## **EnergyWise and Income Eligible Multifamily**

- In the fourth quarter, the company released a Request for Proposals (RFP) for lead vendor services for the RI Income Eligible Multifamily, market rate EnergyWISE Multifamily, and Multifamily Commercial gas programs. Bidders will submit final proposals on February 15, 2017.
- Benchmarking for 75 income eligible buildings continued through the fourth quarter with final report to be issued in 2017.
- The Company's program manager spoke about the MA and RI multifamily programs at the Annual conference of the New England Chapter of the Community Associations Institute.
- Income Eligible electric had great performance in the fourth quarter at 113.7% of goal. Income Eligible gas made up a good deal of the lacking pipeline the Company was seeing earlier in the year with over 10,000 MMBTU of projects moving forward during the quarter. However, Income Eligible gas will still come in short of goal at year end.
- The Company expects a very strong finish to the year in commercial multifamily gas with preliminary year-end results coming in at 122% of goal.
- Market Rate Multifamily saw increased audit activity during the fourth quarter with very strong performance on savings especially in December. Preliminary year-end results show the Electric program exceeding goal at approximately 103%. Unfortunately, the Market Rate multifamily gas



program seems to have lost some momentum in early fourth quarter and even though we saw strong performance in December, the program is likely to finish short of goal at year end. The Company is looking into causes for this uncharacteristic underperformance on this gas program.

### **ENERGYSTAR® Lighting and Appliances**

- There were robust LED lighting promotions at The Home Depot and Lowes in October. Target price of \$1/led was achieved with four-packs.
- Walgreens also promoted four-packs of LEDs in October.
- Educational events were staffed at Benny's in Seekonk in December.
- 70 dehumidifiers were collected for recycling at an October Eco Depot event in Johnston, RI in collaboration with the RI Resource Recovery Corporation (RIRCC). A second event in November collected an additional 39 units.



- ENERGY STAR version 4 specification for dehumidifiers went into effect on 10/25/16 which reduced qualifying units from 166 to 25.
- Pool pump upstream model was very successful with 338 units receiving incentives in 2016.

### **ENERGYSTAR® HVAC (Heating and Cooling)**

- The Company engaged with RI distributors and manufacturers to promote program offerings and benefits. Technical information pertaining to the proper design and installation of heating systems and the complementary use of high efficiency pumps was provided.
- A training on high efficiency boilers and pumps at Taco Comfort Solutions was hosted in Cranston. Information on the pricing of high efficiency equipment versus standard efficiency equipment was provided to suppliers.

### **Home Energy Reports**

- During the fourth quarter, the Home Energy Report program helped customers save 6,743 MWh and 312,448 Therms.
- Email engagement was same as last quarter, with an average email open rate of 35%. The click-through rate was slightly down from last quarter with a rate of 1.1% compared to 1.9% the previous quarter.
- In the fourth quarter, 12,670 unique customers logged into web energy insights page with a total of 60,365 page views.
- The fourth quarter customer experience consisted of the standard neighbor comparison, twelve-month comparison, various personalized

energy efficiency tips, and modules to promote National Grid energy efficiency programs.

### **Community Initiative**

- The towns of Barrington and Bristol successfully completed their Energy Challenge campaigns. Barrington had 375 residents pledge to be more energy efficient and Bristol secured nearly 600 pledges. Both towns will be awarded \$5,000 grants to be used for energy efficient improvements on a municipal building.

### **Codes Initiative**

- The Rhode Island building commission anticipated adopting a new energy code in 2016 but the Office of Regulatory Reform's request that all sections of the code undergo an economic analysis caused a significant delay. The timeline for adoption of the energy code still remains uncertain but will likely occur by July 2017, with a 90 day concurrency.
- Due to this delay, 2015 IECC training was postponed and replaced with training efforts focused on areas of weak compliance, such as duct leakage and testing, as well as code compliance issues for specific residential and commercial projects through site visits, plans analysis and location trainings. In addition, several overviews of upcoming changes to the energy code in Rhode Island were also offered to help prepare code officials and design professionals.
- 12 classroom trainings were held in 2016 with 322 attendees (9 residential, with 256 attendees and 3 commercial with 66 attendees) and 9 location trainings were held with 146 attendees. 36% of attendees were code officials, 26% were vocation school students and 22% were builders and general contractors.
- One circuit rider call and one site visit took place during the quarter bringing total circuit rider calls to 33 for the year (26 residential and 7 commercial) and 11 total site visits (10 residential and 1 commercial).
- Stretch Code Support
  - Earlier this year the Rhode Island Governor's office issued a directive for the establishment of a high performance code that would be mandatory for publically funded projects and promoted with National Grid incentives for private construction.
  - The proposed code includes provisions encompassing energy efficiency, renewable energy systems, building commissioning, operations and maintenance, natural resources conservation, sustainable and local materials usage, water conservation, and indoor environmental quality.
  - The CCEI program is supporting the energy efficiency portion of this effort, with the State of Rhode Island Office of Energy Resources providing additional funding. The Company is working with three state agencies and a diverse group of stakeholders including National Grid, City of Providence representatives, code officials, a volunteer sustainability committee, and construction industry groups to develop a code that will facilitate high performance new



construction and major renovations for the commercial sector as well as public buildings.

- An initial outline of the code provisions has been approved and the first draft of the code will be delivered in late December.

### **Large Commercial New Construction**

- Company owned street lighting tariff was approved on December 20<sup>th</sup>, 2016 and went into effect on January 1<sup>st</sup>, 2017.
- A large customer is adding 600,000 of warehouse space. They plan to install state of the art lighting and HVAC. This customer was persuaded to move forward with energy efficiency measures by touring a similar successful National Grid project in MA. A driving factor in their decision was the non-energy benefits of the solution (productivity increase, etc.) The project will save over 1.4 million kWh annually and is expected to be completed in 2017.

### **Large Commercial Retrofit**

- Preliminary results show Large Commercial Retrofit achieved 105% of its electric goal and 101% of its gas goal.
- A globally known company who specializes in the electro-deposition of precious became involved in the Industrial Initiative in 2015 and is now actively involved in developing a multitude of comprehensive energy efficiency solutions that include their proposed Waste Water Treatment Plant, Compressed Air, Process Variable Speed Drives, Variable Speed Drives for HVAC, Heat Recovery, and Lighting.
- There was a SEMP with 931 MWh and 461,000 therms annual savings paid in December. This customer previously had very little participation in energy efficiency programs.
- Nine communities and one school applied for \$15,000,000 worth of funding for energy efficiency. This \$15,000,000 in loans translates into over \$1,000,000 in annual energy cost savings. National Grid will realize savings of approximately 6,000 MWh and 200,000 therms of energy saved. Funding to be released in June 2017.
- A major manufacturing company in East Providence post inspected their 1,250 KW CHP. Commissioning the project will commence in early summer. A RI college is entertaining a 1,300 KW CHP. Preliminary investigation is under way and looks promising.
- One customer started a 15 day steam trap survey. They plan to survey 750 traps and repairs are scheduled for June.

### **Small Business Direct Install**

- The small business program ended on a strong note, with preliminary year-end results showing it achieved 102% of its electric goal and 121% of its gas goal.
- During the 4<sup>th</sup> quarter the SolarWise Program was launched for Small Business customers.

### **Pilots**

- The Connected Solutions program has commitments to install all 500 Ecobee Wifi thermostats purchased for the Demand Response demonstration. There was a strong interest from previous EnergyWise participants.

## **Evaluation**

- The C&I Custom Process study is moving forward with metering completed in some sites. Calculation and reporting are in process.
- Metering is complete for some sites for the C&I Custom HVAC study. Calculation and reporting are in process.
- The 2016 Jobs Study began at the end of the 4<sup>th</sup> Quarter. The Company anticipates the study will be completed in mid-to-late April, 2017.

## **Upcoming Events:**

- There will be TEC-RI meetings for large commercial and industrial customers in late February, late March, and late April.

**NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND**

**Table 1. Summary of Electric 2016 Target and Preliminary 4th Quarter Results**

ELECTRIC PROGRAMS Sector and Program	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Demand Reduction (Annual kW)			Energy Savings (Annual MWh)			Customer Participation			Expenses (\$ 000)			Lifetime savings, MWh		
	Target	Year To Date	Pct Achieved	Target	Year To Date	Pct Achieved	Target	Year To Date	Pct Achieved	Budget	Year To Date	Pct Achieved		\$/kWh	Planned \$/kWh
<b>Commercial and Industrial</b>															
Large Commercial New Construction	1,540	1,697	110.2%	15,728	11,650	74.1%	209	185	88.5%	\$6,864.1	\$5,417.1	78.9%	191,876	\$ 0.028	\$ 0.030
Large Commercial Retrofit	13,906	11,930	85.8%	67,030	70,608	105.3%	3,540	2,589	73.1%	\$22,545.5	\$19,719.3	87.5%	790,202	\$ 0.025	\$ 0.053
Small Business Direct Install	2,507	2,310	92.2%	12,165	12,440	102.3%	905	740	81.8%	\$8,745.9	\$6,994.4	80.0%	138,824	\$ 0.050	\$ 0.085
Community Based Initiatives - C&I										\$49.6	\$27.0	54.5%			
Commercial Demonstration and R&D										\$296.2	\$49.7	16.8%			
Finance Costs										\$3,000.0	N/A	N/A			
<b>SUBTOTAL</b>	<b>17,953</b>	<b>15,937</b>	<b>88.8%</b>	<b>94,922</b>	<b>94,697</b>	<b>99.8%</b>	<b>4,654</b>	<b>3,513</b>	<b>75.5%</b>	<b>\$41,501.2</b>	<b>\$32,207.5</b>	<b>77.6%</b>	<b>1,120,902</b>	<b>\$ 0.029</b>	<b>\$ 0.055</b>
<b>Subtotal with Finance</b>										<b>\$41,501.2</b>	<b>\$35,207.5</b>	<b>84.8%</b>	<b>1,120,902</b>	<b>\$ 0.031</b>	<b>\$ 0.055</b>
<b>Income Eligible Residential</b>															
Single Family - Income Eligible Services	554	855	154.4%	4,061	4,677	115.2%	2,500	3,016	120.6%	\$8,656.1	\$7,426.4	85.8%	56,702	\$ 0.131	\$ 0.213
Income Eligible Multifamily	117	183	156.0%	2,830	3,161	111.7%	5,100	5,366	105.2%	\$2,531.3	\$2,066.7	81.6%	26,919	\$ 0.077	\$ 0.102
<b>SUBTOTAL</b>	<b>671</b>	<b>1,038</b>	<b>154.7%</b>	<b>6,891</b>	<b>7,837</b>	<b>113.7%</b>	<b>7,600</b>	<b>8,382</b>	<b>110.3%</b>	<b>\$11,187.4</b>	<b>\$9,493.1</b>	<b>84.9%</b>	<b>83,621</b>	<b>\$ 0.114</b>	<b>\$ 0.170</b>
<b>Non-Income Eligible Residential</b>															
Residential New Construction	83	120	144.6%	1,213	1,397	115.1%	512	526	102.7%	\$736.9	\$656.8	89.1%	21,201	\$ 0.031	\$ 0.071
ENERGY STAR® HVAC	235	317	134.9%	1,011	1,007	99.6%	902	1,731	191.9%	\$1,219.0	\$1,169.8	96.0%	12,941	\$ 0.090	\$ 0.138
EnergyWise	1,701	2,214	130.1%	11,729	14,791	126.1%	8,890	9,567	107.6%	\$10,007.7	\$8,906.4	89.0%	136,162	\$ 0.065	\$ 0.095
EnergyWise Multifamily	185	246	132.9%	4,061	4,186	103.1%	4,400	7,783	176.9%	\$3,319.1	\$2,666.3	80.3%	41,239	\$ 0.065	\$ 0.095
ENERGY STAR® Lighting	5,049	6,690	132.5%	43,098	57,726	133.9%	233,992	431,739	184.5%	\$7,362.1	\$7,705.9	104.7%	561,936	\$ 0.014	\$ 0.030
Residential Consumer Products	696	726	104.4%	4,647	3,824	82.3%	14,095	25,171	178.6%	\$2,085.0	\$1,706.4	81.8%	26,411	\$ 0.065	\$ 0.080
Home Energy Reports	3,759	3,353	89.2%	32,186	28,710	89.2%	294,013	258,903	88.1%	\$2,796.7	\$2,722.4	97.3%	28,710	\$ 0.095	\$ 0.087
Energy Efficiency Educational Programs										\$40.1	\$60.0	149.8%			
Residential Demonstration and R&D										\$488.1	\$236.0	48.4%			
Community Based Initiatives - Residential										\$284.4	\$194.8	68.5%			
Comprehensive Marketing - Residential										\$534.0	\$534.8	100.2%			
<b>SUBTOTAL</b>	<b>11,708</b>	<b>13,666</b>	<b>116.7%</b>	<b>97,947</b>	<b>111,640</b>	<b>114.0%</b>	<b>556,804</b>	<b>735,421</b>	<b>132.1%</b>	<b>\$28,873.1</b>	<b>\$26,559.8</b>	<b>92.0%</b>	<b>828,600</b>	<b>\$0.032</b>	<b>\$ 0.055</b>
<b>Regulatory</b>															
EERMC										\$793.1	\$781.6	98.5%			
OER										\$793.1	\$790.6	99.7%			
RI Infrastructure Bank										\$1,441.5	N/A	N/A			
<b>SUBTOTAL</b>										<b>\$3,027.7</b>	<b>\$1,572.1</b>	<b>51.9%</b>			
<b>Subtotal with RIIB</b>										<b>\$3,027.7</b>	<b>\$3,013.6</b>	<b>99.5%</b>			
<b>TOTAL</b>	<b>30,332</b>	<b>30,641</b>	<b>101.0%</b>	<b>199,760</b>	<b>214,175</b>	<b>107.2%</b>	<b>569,058</b>	<b>747,316</b>	<b>131.3%</b>	<b>\$ 84,589.4</b>	<b>\$ 69,832.6</b>	<b>82.6%</b>	<b>2,033,124</b>	<b>\$0.034</b>	<b>\$ 0.061</b>
<b>TOTAL With Finance and RIIB</b>										<b>\$ 84,589.4</b>	<b>\$ 74,274.1</b>	<b>87.8%</b>	<b>2,033,124</b>	<b>\$0.037</b>	<b>\$ 0.061</b>
RGGI										\$ 948.4	\$453.8	47.8%			
System Reliability Procurement										\$ 441.1	\$329.3	74.7%			

**NOTES**

(1)(4)(7) Targets from Docket 4580 - Attachment 5, Table E-7 (electric)

(3) Pct Achieved is Column (2)/ Column (1).

An error was found in kW planning for the ENERGY STAR® Lighting program. The filed goal was 3,620 kW and the filed Residential Sector goal was 10,673 kW. The correct kW goal is reflected in the tables above. The Company will use the corrected Residential Sector kW goal for its year-end incentive calculation.

An error was found in kW planning for the multifamily programs. The filed EnergyWise Multifamily goal was 579 and the filed Residential Sector goal was 10,673 kW. The filed Income Eligible Multifamily goal was 366 kW and the filed Income Eligible Sector goal was 920 kW. The correct kW goals are reflected in the tables above. The Company will use the corrected Residential Sector and Income Eligible kW goals for its year-end incentive calculation.

(6) Pct Achieved is Column (5)/ Column (4).

(7) Participation was planned and is reported in 'net' terms which takes into account free-ridership and spillover.

(9) Pct Achieved is Column (8)/ Column (7).

(10) Approved Budget includes Implementation and Evaluation budgets from Docket 4580, Attachment 5 Table E-2 (electric).

EnergyWise Budget includes \$1M in RGGI funding for delivered fuels weatherization per Section IV.A.2 in Docket 4580.

(11) Year To Date Expenses include Implementation and Evaluation expenses.

\$3,000,000 in finance funds were transferred as authorized to the Large C&I Electric Revolving Loan Fund. Please see Table 3.

A payment of \$1,441,475 was made to RIIB; however, the expense only shows up in fund balance due to accounting protocols.

RGGI Expenses are counted separate as those funds were not part of the approved 2016 budget. Details on RGGI spend are found in Table 4.

(12) Pct Achieved is Column (11)/ Column (10).

(14) \$/lifetime kWh = Column (11)/Column (13)

(15) Planned \$/lifetime kWh - Attachment 5, Table E-5 (electric)

System Reliability Procurement targets from Docket 4581, not included in Expenses Total

**NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND**

**Table 2. Summary of Gas 2016 Target and Preliminary 4th Quarter Results**

GAS PROGRAMS Sector and Program	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Energy Savings (MMBtu)			Customer Participation			Expenses (\$ 000)			Lifetime savings, MMBtu	\$/Lifetime MMBtu	Planned \$/Lifetime MMBtu
	Approved Target	Year To Date	Pct Achieved	Approved Target	Year To Date	Pct Achieved	Approved Budget	Year To Date	Pct Achieved			
<b>Commercial and Industrial</b>												
Large Commercial New Construction	43,424	49,358	113.7%	152	156	102.2%	\$1,694.7	\$1,664.1	98.2%	906,590	\$ 1.84	\$ 2.99
Large Commercial Retrofit	133,613	135,431	101.4%	234	139	59.5%	\$4,871.1	\$3,739.7	76.8%	1,389,282	\$ 2.69	\$ 6.39
Small Business Direct Install	3,667	4,453	121.4%	133	48	36.0%	\$282.4	\$133.8	47.4%	24,714	\$ 5.41	\$ 8.29
Commercial & Industrial Multifamily	9,490	11,613	122.4%	1,611	2,982	185.1%	\$754.7	\$580.1	76.9%	171,725	\$ 3.38	\$ 6.52
Commercial Demonstration and R&D							\$97.3	\$16.4	16.8%			
Community Based Initiatives - C&I							\$6.4	\$3.4	52.9%			
Finance Costs							\$500.0	N/A	N/A			
<b>SUBTOTAL</b>	<b>190,194</b>	<b>200,855</b>	<b>105.6%</b>	<b>2,131</b>	<b>3,325</b>	<b>156.0%</b>	<b>\$8,206.6</b>	<b>\$6,137.5</b>	<b>74.8%</b>	<b>2,492,311</b>	<b>\$ 2.46</b>	<b>\$ 5.32</b>
<b>Subtotal With Finance</b>							\$8,206.6	\$6,637.5	80.9%	2,492,311	\$ 2.66	\$ 5.32
<b>Income Eligible Residential</b>												
Single Family - Income Eligible Services	9,368	15,090	161.1%	500	722	144.4%	\$3,585.5	\$3,602.1	100.5%	301,792	\$ 11.94	\$ 17.54
Income Eligible Multifamily	19,915	15,646	78.6%	3,000	4,701	156.7%	\$1,763.3	\$1,169.1	66.3%	225,854	\$ 5.18	\$ 5.80
<b>SUBTOTAL</b>	<b>29,283</b>	<b>30,736</b>	<b>105.0%</b>	<b>3,500</b>	<b>5,423</b>	<b>154.9%</b>	<b>\$5,348.8</b>	<b>\$4,771.2</b>	<b>89.2%</b>	<b>527,646</b>	<b>\$ 9.04</b>	<b>\$ 9.85</b>
<b>Non-Income Eligible Residential</b>												
EnergyWise	68,117	72,572	106.5%	2,710	3,252	120.0%	\$6,929.5	\$6,824.1	98.5%	1,593,083	\$ 4.28	\$ 5.45
Energy Star® HVAC	26,064	17,968	68.9%	2,099	1,408	67.0%	\$1,619.2	\$1,252.6	77.4%	301,112	\$ 4.16	\$ 10.19
EnergyWise Multifamily	17,208	13,377	77.7%	2,625	2,232	85.0%	\$1,978.6	\$1,372.4	69.4%	212,349	\$ 6.46	\$ 8.24
Home Energy Reports	53,989	77,129	142.9%	135,689	127,750	94.1%	\$436.6	\$453.6	103.9%	77,129	\$ 5.88	\$ 8.09
Residential New Construction	10,907	10,888	99.8%	375	341	90.9%	\$836.9	\$847.0	101.2%	185,720	\$ 4.56	\$ 4.61
Residential Demonstration and R&D							\$81.3	\$0.2	0.2%			
Comprehensive Marketing - Residential							\$69.8	\$51.2	73.3%			
Community Based Initiatives - Residential							\$25.8	\$19.1	74.0%			
<b>SUBTOTAL</b>	<b>176,284</b>	<b>191,934</b>	<b>108.9%</b>	<b>143,498</b>	<b>134,983</b>	<b>94.1%</b>	<b>\$11,977.7</b>	<b>\$10,820.2</b>	<b>90.3%</b>	<b>2,369,393</b>	<b>\$ 4.57</b>	<b>\$ 6.65</b>
<b>Regulatory</b>												
EERMC							\$233.3	\$246.8	105.8%			
OER							\$233.3	\$230.8	99.0%			
RI Infrastructure Bank							\$429.0	N/A	N/A			
<b>SUBTOTAL</b>							<b>\$895.5</b>	<b>\$477.7</b>	<b>53.3%</b>			
<b>Subtotal with RIIB</b>							\$895.5	\$906.6	101.2%			
<b>TOTAL</b>	<b>395,760</b>	<b>423,525</b>	<b>107.0%</b>	<b>149,129</b>	<b>143,730</b>	<b>96.4%</b>	<b>\$ 26,428.6</b>	<b>\$ 22,206.5</b>	<b>84.0%</b>	<b>5,389,350</b>	<b>\$ 4.12</b>	<b>\$ 6.66</b>
<b>Total with Finance and RIIB</b>							<b>\$ 26,428.6</b>	<b>\$ 23,135.5</b>	<b>87.5%</b>	<b>5,389,350</b>	<b>\$ 4.29</b>	<b>\$ 6.66</b>

**NOTES**

(1)(4) Targets from Docket 4580 - Attachment 6, Table G-7 (gas).

(3) Pct Achieved is Column (2)/ Column (1).

Savings from the Codes and Standards initiative are not counted until year-end. Therefore, savings in the Commercial and Residential New Construction Programs may track lower each quarter.

(4) Participation was planned and is reported in 'net' terms which takes into account free-ridership and spillover.

(6) Pct Achieved is Column (5)/ Column (4).

(7) Approved Budget includes Implementation and Evaluation budgets from Docket 4580, Attachment 6 Table G-2 (gas), adjusted to reflect "Docket 4580 – The Narragansett Electric Company, d/b/a National Grid 2016 Energy Efficiency Program Plan Transfer of Funds Request" approved by the Division of Public Utilities and Carriers (Division) on December 2, 2016.

(8) Year To Date Expenses include Implementation and Evaluation expenses.

\$500,000 in finance funds were transferred as authorized to the C&I Gas Revolving Loan Fund. Please see Table 3.

A payment of \$428,972 was made to RIIB; however, the expense only shows up in fund balance due to accounting protocols.

(9) Pct Achieved is Column (8)/ Column (7).

(11) \$/lifetime MMBtu = Column (8)\*1000/Column (10)

(13) Planned \$/lifetime MMBtu - Attachment 6, Table G-5 (gas).

**Table 3**  
**National Grid**  
**Revolving Loan Funds**

**Large C&I Electric Revolving Loan Fund**

(1)	2016 Funds Available	\$14,115,728
(2)	2016 Loan budget	\$11,000,000
(3)	Committed	\$0
(4)	Paid	\$4,515,534
(5)	Number of loans	77
(6)	Participants	43
(7)	Savings (MWh)	11,226
(8)	Available	\$6,484,466

**Small Business Electric Revolving Loan Fund**

(1)	2016 Funds Available	\$2,242,136
(2)	2016 Loan Budget	\$2,870,000
(3)	Committed	
(4)	Paid	\$3,056,648
(6)	Participants	1,118
(7)	Savings (MWh)	12,440
(8)	Available	-\$186,648

**Rhode Island Public Energy Partnership (RI PEP)**

(9)	2016 Funds Available	\$993,365
(10)	Committed	\$0
(11)	Paid	\$544,772
(12)	Repayments	\$332,792
(13)	Participants	5
(14)	Savings (MWh)	1,388
(15)	Available	\$781,385

**C&I Gas Revolving Loan Fund**

(1)	2016 Funds Available	\$1,682,732
(2)	2016 Loan budget	\$1,600,000
(3)	Committed	\$0
(4)	Paid	\$891,992
(6)	Participants	13
(7)	Savings (MMBtu)	58,787
(8)	Available	\$708,008

Notes

- <sup>1</sup> Amount available as of January 1, 2016, including 2016 fund injections detailed in Table E-10 and G-10. The C&I Gas Loan Fund also includes the injection of \$300,000 as approved by the EE Collaborative on March 21, 2016.
- <sup>2</sup> Budget adopted by Sales Team for 2016 operations. Budget includes projections of repayments made during 2016.
- <sup>3</sup> As of December 31, 2016
- <sup>4</sup> As of December 31, 2016
- <sup>5</sup> As of December 31, 2016
- <sup>6</sup> Unique customer names for large business and customer accounts for small business (not adjusted for net-to-gross).
- <sup>7</sup> As of December 31, 2016
- <sup>8</sup> Available funds as of September 30, 2016, not including repayments.
- <sup>9</sup> Funds available as of January 1, 2016
- <sup>10</sup> As of December 31, 2016
- <sup>11</sup> As of December 31, 2016
- <sup>12</sup> As of December 31, 2016
- <sup>13</sup> As of December 31, 2016 - 5 entities with 19 applications.
- <sup>14</sup> As of December 31, 2016
- <sup>15</sup> Available funds as of December 31, 2016

**Table 4**  
**2016 RGGI Budget and Spend**

<b>Initiative</b>	<b>2016 Budget</b>	<b>Spend</b>
RI Public Energy Partnership Incentives	\$ 517,340	\$ 433,461
Agricultural Delivered Fuels	\$ 255,446	\$ 15,331
Heat Pump Study	\$ 175,585	\$ 4,988
<b>Total</b>	<b>\$ 948,371</b>	<b>\$ 453,779</b>

Notes

1. Budgets may differ from quarterly and annual RGGI reports delivered to the Office of Energy Resources as they represent funds available for program year 2016, net of previous year's spend.
2. Table only includes RGGI funds for specific initiatives. Does not include funds allocated to lowering the energy efficiency program charge or those allocated to loan funds.