

Rhode Island Energy Efficiency

Fourth Quarter 2015 | National Grid

February 4th, 2016

Overview

National Grid maintained momentum throughout the 2015 program year and has met its portfolio goal while exceeding many program goals. Preliminary year end results show that the Company achieved 115% of its electric energy savings goal, 111% of its electric demand savings goal, and 111% of its gas savings goal.

Residential programs finished strong in the fourth quarter. 60% of completed units in the residential new construction program achieved the top tier savings levels. In the Energy Wise program, over 10,000 home energy assessments and 2,900 weatherization jobs were completed in 2015. In terms of programmatic improvements, the RI multifamily program opened up the residential Heat Loan (0% interest free financing) to condo owners and the first customer just received their new heating system. Roger Williams Park Zoo joined the Community program and the team continued work with the City of Providence in their effort to become the next municipal Energy Champion.

Large Commercial New Construction also delivered strong results. The Upstream Lighting Initiative continues to make sizable contributions to the large industrial and commercial portfolio. In the large commercial and industry retrofit program, the EnergySmart Grocer team completed their first two projects with Darden Restaurant Group this year. In addition, based on the partnership between Independent Stores Brian Flumere and the Company, 2015 was one of the strongest years to date for RI independent grocery store performance. The Small Business Direct Install program also continues to deliver great service to RI customers.

National Grid also actively participated in other initiatives in the state to help construct a more successful energy efficiency industry in RI. Specifically, the Company worked with RIIB, Sustainable Real Estate Solutions, OER, Mike Guerard, and many others to help jumpstart C-PACE in Rhode Island. Exploring National Grid offerings and crafting the program guide were the primary work areas.

During the fourth quarter the Rhode Island Public Utilities Commission approved the 2016 Energy Efficiency Program Plan on December 16, 2014. Therefore, the efforts of the last few months have been focused on both meeting 2015 targets while laying groundwork for continued excellent performance in 2016. The Company is confident that it will be able to continue its momentum from 2015 into 2016, creating even more benefits and energy savings to the State of Rhode Island.

2015 Program & Initiative Updates

Residential New Construction

- Completed units in 2015 totaled 442 with 60% achieving the top tier levels of more than 25% savings. 69% of completed homes were new construction and 31% were renovation-rehabilitation. 49% of homes served were Income Eligible.
- 49 homes achieved Tier II savings (a minimum of 25% savings over the program baseline)
- Two homes achieved Tier III (a minimum of 45% savings over the program baseline).
- 97 new units were enrolled during the fourth quarter bringing the overall total enrollments for the year to 456.
- The single family home on Bentley Farm road in West Greenwich can be considered Net Positive. With solar it scored a Home Energy Rating System (HERS) Index of -4, and without solar it achieved 44.5% savings over the program User Defined Reference Home (UDRH standard). The program team trained and worked with the HVAC contractors on two separate occasions to ensure that the ductwork passed requirements. The home has a propane furnace with 97.3% of Annual Fuel Utilization Efficiency (AFUE), an air source heat pump with the Seasonal Energy Efficiency Rating (SEER) of 18, two 3.25 Energy Factor (EF) heat pump water heaters, and Energy Star appliances.

Income Eligible

- The Rhode Island Department of Human Services (DHS) Management Team, National Grid, and CLEARResult met to discuss the integration of budgets based on funding from Federal DOE and LIHEAP programs, and National Grid energy efficiency funds. The goals, agreed to by all parties, are to maximize the leveraging of funds, match funding to capacity, and build a reliable funding stream for the Community Action Program (CAP) agencies.
- Two Weatherization Technical Committee meetings were held in the fourth quarter. Subjects discussed included updates on the Field Manual Training, test equipment selection and maintenance, training updates, ASHRAE implementation, Chimney Liners and recurring Hancock software issues.
- CLEARResult organized and participated in LED Training for program auditors.
- The RI Income Eligible Services Operations Manual Final Draft was reviewed by DHS in the fourth quarter. Changes are being incorporated and the Manual will be distributed to CAP agencies in the first quarter of 2016. The manual contains all policies and procedures for the program as well as all forms, appendices and client information documents.

- The implementation of the National Grid Background Check program continued in the fourth quarter. This program will ensure the safety of customers and contractors. CLEAResult has contacted every Contractor on the states roster and is working with CAP agencies to smoothly integrate the Background Check policy.
- During the fourth quarter, Quality Control Inspector training and testing continued. Each agency now has at least one auditor that has passed the written and field test and is eligible to inspect DOE funded projects.

EnergyWise

- Over 10,000 home energy assessments and 2,900 weatherization jobs were completed in 2015.
- 838 heat loans were completed with 1,324 heat loan authorizations during 2015.
- Ten Block Island audits were completed with two jobs weatherized.
- The team is working on the Building Labeling Initiative and solar initiatives in preparation for 2016 launch.

EnergyWise and Income Eligible Multifamily

- The Company has begun recruiting members for the new Multifamily working group to start meeting in 2016 spring.
- The team collected data for benchmarking of 438 income eligible buildings and initiated data analysis to identify and target the highest energy consumers.
- The team engaged Newport Housing to move forward with evaluating the state of their building stock and planning the energy efficiency education 8 selected program participants.
- The Income Eligible program exceeded savings targets finishing the year at 112% of goal on Electric and 105% of goal on gas.
- The RI multifamily program opened up the residential Heat Loan (0% interest free financing) to condo owners and the first customer just received their new heating system.
- The market rate program exceeded savings targets finishing the year at 118% of goal on Electric and 116% of goal on gas.

ENERGYSTAR® Lighting and Appliances

- In October, pink Greenlite LEDs were sold at thirty independent retail locations. Each sale contributed \$1.25 per bulb to the Gloria Gemma Foundation in support of breast cancer awareness.
- The Energy Saving Fundraiser program was promoted on National Grid's Facebook page, which resulted in a lot of likes and shares (see picture at the end of the report). In 2015, ten schools have participated in the fundraiser program.
- The October email campaign for Room Air Cleaners resulted in the sales of 94 units in a two-week period.

- A temporary vendor was engaged at the end of December to meet outstanding obligations from the refrigerator recycling vendor ceasing operations.
- In October, three vendors worked at a Raytheon employee event to promote energy efficient lighting, appliances, and home energy assessments.
- In November, there were education tables in Lowe's Cranston and The Home Depot in North Providence that featured LED lighting.

ENERGYSTAR® HVAC (Heating and Cooling)

- Combination boiler/water heater, boilers, furnaces and Wi-Fi enabled thermostats accounted for the majority of measures in the fourth quarter.
- The program experienced a slight decrease in participation due to lower incentive levels, however yearly savings & budget goals were achieved.
- Program strategy and execution teams will work closely with marketing resources and outreach vendors to educate our stakeholders on the incentive opportunities available in 2016 and forward.

Home Energy Reports

- During the fourth quarter, the Home Energy Report program helped customers save 5,356 MWh and 195,636 Therms. This is equivalent to over \$1.2M in customer bill savings. In 2015, the program saved 31,582 MWh and 649,097 Therms.
- The fourth quarter savings rate for electric customers was 1.1% and 0.7% for gas customers.
- Digital engagement continued to be high with an average email open rate of 27%.
- A recent customer survey showed that 76% of RI customers receiving the Home Energy Reports read the reports, and the same percentage like the reports.
- Fourth quarter enhancements to the customer experience included an educational message on ice dam prevention that promoted the Home Energy Assessment, as well as an efficient thermostat-focused message in preparation for winter.

Community Initiative

- The team continued to work with the City of Providence in their effort to become the next municipal Energy Champion. The Providence-based colleges and universities have added to the Providence effort through a collegiate competition among students, faculty and staff. Numerous individuals have reached out to friends, family and associates using an online toolkit the Company provided for Providence supporters.
- The team attended two Northern RI Chamber events totaling over 400 attendees. Find Your Four! has been included in the weekly newsletter to over 1,600 recipients since the first week in November and the Company will provide content for the Chamber's newsletter throughout 2016.

- Roger Williams Park Zoo joined the program. Over 30,000 emails promoting Find Your Four! were sent to Rhode Islanders by the zoo in December. They will continue to include program message in their newsletters and emails throughout 2016.
- The team continues to have regular contact with Community Action Program (CAP) agency staff members and provide support and material for their ongoing client communications.
- The team promoted at Brown-RISD Hillel and Edgewood Congregational Church with over 60 participant sign ups at Brown Hillel. Each of these partners included our message in their newsletters and encouraged members to visit our website and join the Challenge online.
- Monthly email communications with seasonal messaging have gone out to an active email list of over 5,000 recipients.

Codes Initiative

- In the fourth quarter, 4 commercial and 3 residential classroom energy code trainings took place. The commercial trainings drew 35 attendees and the residential trainings drew 99 attendees. Residential attendance was boosted by conducting two 90-minute residential trainings at the New England Building Officials Education Association (NEBOEA) conference.
- There were 7 residential in-field trainings in the fourth quarter. These training focused on blower door and duct blaster testing and drew a combined 110 attendees, several of which were vocational students.
- On 12/16, there were 11 participants on the tour of the Brown University Applied Math Building, led by initiative subcontractor Stephen Turner, which focused on how the building met and/or exceeded the energy code.
- The initiative also fielded 7 residential and 1 commercial Circuit Rider phone calls in the fourth quarter, and conducted 4 residential on-site Circuit Rider field visits.

Large Commercial New Construction

- Both the electric new construction program and the gas new construction program are expecting to meet their 2015 goals.
- Upstream Lighting:
 - The Upstream Lighting Initiative continues to make strong contributions to the large industrial and commercial portion of the portfolio. The initiative surged in the fourth quarter. It exceeded the yearly goal the company had set for it and the projections given last quarter.
- Building Operator Certification (BOC):
 - BOC level 1 classes were held in Providence in 2015. There were 30 candidates and 15 received certifications. In 2016, this will represent 89,092 kWh and 13,364 therms.
- In early December, National Grid and Lockheed Martin had a presence at the Annual Stars of the Industry event held at Twin River for the RI Hospitality Association.

Large Commercial Retrofit

- This quarter the company would like to highlight the progress made in the grocery sector.
- The EnergySmart Grocer (ESG) team completed their two first projects with Darden Restaurant Group this year. Projects took place at the Longhorn and Olive Garden locations in Warwick, RI and involved the installation of Energy Conservation Measures (ECMs). The two projects resulted in almost 7,000 in kWh savings and \$1,800 in incentives.
- Independent Stores Brian Flumere developed a strong rapport with Peter Grealish, Account Manager at National Grid, which resulted in one of the strongest years to date for RI independent grocery store performance. Peter and Brian together develop the relationship with Dave's Marketplace, the largest independent grocery chain in RI with nine stores. This chain completed numerous projects during the year and saved over 720,000 kWh with ESG in 2015. This relationship was major win for both delivering savings and showing that ESG can provide a compelling offer for the independent grocery market.
- Market Engagement: the Company and its contractor ESG engaged the market beyond customer outreach with a focus on contractors and market associations to expand the program's influence. The top highlight was a partnership with the Rhode Island Food Dealers Association (RIFDA) with whom ESG has sponsored these last three years. RIFDA approached ESG during their 2015 annual golf tournament to discuss an energy efficiency award they could present to a deserving member. The marketing team is working with ESG and RIFDA to help deliver the National Grid EnergySmart Grocer award to a Rhode Island grocer in the spring of 2016.
- The Company's partnership with Leidos continues to mature. By the end of the fourth quarter National Grid received 73 (for the year) Industrial energy efficiency applications with more than \$4.5 million in projects in various stages of development. 93% of these are non-lighting measures. The Company looks forward to giving a more complete report on this exciting initiative in our year-end report.

Small Business Direct Install

- The Small Business program had mixed results in regards to the goals. Despite a lot of hard work, the electric side of the house fell short. However, the gas side exceeded its goal. Regardless of performance to goal, the program continued to deliver great projects for RI small businesses. One example is the Design Fabricators, an architectural woodworking and fixture company located in Cranston, RI. Through the Direct Install program they converted dated fixtures to LEDs and added occupancy sensors and LED screw-ins throughout the building. Overall these upgrades combined will save the customer 44,167kWh or \$6,756 annually. The total project cost was \$47,846 with National Grid's incentives covering \$33,273.

- The Customer Directed Option wrapped up 2015 with a total of more than 600 completed projects from 52 vendors across Rhode Island and Massachusetts.
- Superior LED Light, LLC, a Rhode Island based company had two successful fourth quarter projects in Warwick, RI. Airport Plaza Associates and Brewer Yacht Club both made changes to their exterior lighting, improving curb appeal while decreasing monthly energy expenses. The total combined project costs \$29,813 and National Grid's incentives covered \$19,607. The upgrades will bring an estimated annual saving of 39,930 kWh.

Finance

- National Grid worked with RIIB, Sustainable Real Estate Solutions, OER, Mike Guerard, and many others to help jumpstart C-PACE in Rhode Island. Exploring National Grid offerings and crafting the program guide were the primary work areas in the fourth quarter.

Pilots

- The Company is awaiting final results on the electronically commutated motor (ECM) pump demonstration to explore electric and natural gas savings. The results were expected to be finalized this quarter; however, the analysis has taken longer than the original timeline. The Company now expects to be able to present results for this demonstration early next year.
- The Company is in process of designing the demand response pilot for 2016.

Evaluation

- The work plan for the C&I Prescriptive Compressed Air (CAIR) study was developed. The prescriptive sample was created with planned site visit scheduling in the first quarter of 2016.
- The C&I Custom Process study sample design and work plan are initiated.
- The C&I Custom HVAC study sample work have begun. The finalized work plan is expected in the first quarter of 2016.
- The C&I Custom Gas Impact study work plan is finalized and the contractor has begun to arrange site visits.
- The Small Business Lighting study is completed. The impact results will be applied for 2016 plan year.
- The work plan for the C&I Energy Code Compliance Study was developed, with site visits expected to begin in the first quarter of 2016.

Upcoming Events:

- There will be a GlobalCon Conference from March 9th to 10th at Hynes convention Center in Boston.
- The RI Home Show is scheduled for March 31, 2016 at the RI Convention Center.

Energy Saving Fundraiser Program on Facebook

 **National Grid**
October 19 at 4:43pm · 🌐

Want to raise funds for your school *and* teach kids about saving energy? Participate in our Energy Saving Fundraiser Program and do just that. Your school keeps 100% of the money raised from selling ENERGY STAR light bulbs, advanced power strips, and low-flow showerheads - and it costs nothing to participate!



 **nationalgrid**
HERE WITH YOU. HERE FOR YOU.

Energy Saving Fundraiser Program

National Grid's comprehensive energy saving fundraiser program helps Massachusetts and Rhode Island public and private schools raise funds while teaching students about energy efficiency and conservation.

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NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table 1. Summary of Electric 2015 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 | \$/kWh | Planned \$/kWh |
| | Target | Year To Date | Pct Achieved | Target | Year To Date | Pct Achieved | Target | Year To Date | Pct Achieved | Budget | Year To Date | Pct Achieved | | | |
| Commercial and Industrial | | | | | | | | | | | | | | | |
| Large Commercial New Construction | 6,846 | 7,243 | 105.8% | 33,702 | 37,205 | 110.4% | 3,698 | 2,133 | 57.7% | \$9,740.3 | \$8,538.7 | 87.7% | 446,408 | \$ 0.019 | \$ 0.029 |
| Large Commercial Retrofit | 6,262 | 7,084 | 113.1% | 48,041 | 59,421 | 123.7% | 574 | 418 | 72.7% | \$15,506.5 | \$20,809.4 | 134.2% | 750,406 | \$ 0.028 | \$ 0.036 |
| Small Business Direct Install | 4,143 | 3,678 | 88.8% | 19,539 | 15,875 | 81.2% | 1,407 | 976 | 69.3% | \$12,000.3 | \$10,735.0 | 89.5% | 187,689 | \$ 0.057 | \$ 0.078 |
| Community Based Initiatives - C&I | | | | | | | | | | \$76.6 | \$41.2 | 53.8% | | | |
| Commercial Pilots | | | | | | | | | | \$230.3 | \$8.4 | 3.6% | | | |
| Comprehensive Marketing - C&I | | | | | | | | | | \$192.0 | \$97.3 | 50.6% | | | |
| Finance Costs | | | | | | | | | | \$4,000.0 | \$4,000.0 | 100.0% | | | |
| SUBTOTAL | 17,252 | 18,005 | 104.4% | 101,282 | 112,501 | 111.1% | 5,680 | 3,526 | 62.1% | \$41,746.0 | \$44,229.9 | 105.9% | 1,384,502 | \$ 0.032 | \$ 0.044 |
| Income Eligible Residential | | | | | | | | | | | | | | | |
| Single Family - Income Eligible Services | 479 | 627 | 131.1% | 3,680 | 4,010 | 109.0% | 2,500 | 2,851 | 114.0% | \$7,820.2 | \$7,067.9 | 90.4% | 44,480 | \$ 0.159 | \$ 0.211 |
| Income Eligible Multifamily | 120 | 188 | 156.5% | 2,907 | 3,249 | 111.8% | 8,000 | 4,610 | 57.6% | \$2,300.1 | \$2,320.3 | 100.9% | 34,957 | \$ 0.066 | \$ 0.078 |
| SUBTOTAL | 599 | 816 | 136.2% | 6,587 | 7,260 | 110.2% | 10,500 | 7,461 | 71.1% | \$10,120.3 | \$9,388.2 | 92.8% | 79,437 | \$ 0.118 | \$ 0.152 |
| Non-Income Eligible Residential | | | | | | | | | | | | | | | |
| Residential New Construction | 169 | 111 | 65.8% | 559 | 1,263 | 225.8% | 430 | 442 | 102.8% | \$962.0 | \$1,003.7 | 104.3% | 15,799 | \$ 0.064 | \$ 0.138 |
| ENERGY STAR® HVAC | 197 | 252 | 128.1% | 1,020 | 1,189 | 116.5% | 1,322 | 1,945 | 147.1% | \$1,345.6 | \$1,342.3 | 99.8% | 16,433 | \$ 0.082 | \$ 0.132 |
| EnergyWise | 1,383 | 2,498 | 180.6% | 11,157 | 19,484 | 174.6% | 9,000 | 11,665 | 129.6% | \$8,883.7 | \$9,782.2 | 110.1% | 208,928 | \$ 0.047 | \$ 0.092 |
| EnergyWise Multifamily | 178 | 224 | 125.9% | 3,898 | 4,592 | 117.8% | 4,900 | 7,710 | 157.3% | \$3,193.9 | \$3,345.0 | 104.7% | 51,627 | \$ 0.065 | \$ 0.093 |
| ENERGY STAR® Lighting | 5,125 | 5,454 | 106.4% | 38,859 | 41,245 | 106.1% | 104,825 | 302,899 | 289.0% | \$8,660.9 | \$6,905.7 | 79.7% | 476,993 | \$ 0.014 | \$ 0.049 |
| ENERGY STAR® Products | 652 | 668 | 102.5% | 4,605 | 4,042 | 87.8% | 13,438 | 18,912 | 140.7% | \$2,297.4 | \$1,931.6 | 84.1% | 29,920 | \$ 0.065 | \$ 0.084 |
| Home Energy Reports | 4,161 | 4,983 | 119.7% | 25,634 | 31,143 | 121.5% | 268,733 | 268,263 | 99.8% | \$2,594.2 | \$2,464.2 | 95.0% | 31,143 | \$ 0.079 | \$ 0.101 |
| Energy Efficiency Educational Programs | | | | | | | | | | \$50.0 | \$38.5 | 77.1% | | | |
| Residential Products Pilot | | | | | | | | | | \$523.7 | \$184.5 | 35.2% | | | |
| Community Based Initiatives - Residential | | | | | | | | | | \$333.8 | \$211.6 | 63.4% | | | |
| Comprehensive Marketing - Residential | | | | | | | | | | \$635.7 | \$612.5 | 96.3% | | | |
| SUBTOTAL | 11,865 | 14,190 | 119.6% | 85,733 | 102,957 | 120.1% | 402,648 | 611,836 | 152% | \$29,480.7 | \$27,821.8 | 94.4% | 830,843 | \$ 0.033 | \$ 0.069 |
| Regulatory | | | | | | | | | | | | | | | |
| EERMC | | | | | | | | | | \$846.1 | \$851.6 | 100.7% | | | |
| OER | | | | | | | | | | \$564.1 | \$606.0 | 107.4% | | | |
| SUBTOTAL | | | | | | | | | | \$1,410.1 | \$1,457.6 | 103.4% | | | |
| TOTAL | 29,715 | 33,010 | 111.1% | 193,602 | 222,718 | 115.0% | 418,828 | 622,823 | 148.7% | \$ 82,757.2 | \$ 82,897.5 | 100.2% | 2,294,782 | \$ 0.036 | \$ 0.056 |
| <i>RGGI</i> | | | | | | | | | | \$ 2,206.2 | \$ 1,410.3 | 63.9% | | | |
| <i>System Reliability Procurement</i> | | | | | | | | | | \$ 513.2 | \$ 498.1 | 97.1% | | | |

NOTES
(1)(4)(7) Targets from Docket 4527 - Attachment 5, Table E-7 (electric)
(3) Pct Achieved is Column (2)/ Column (1).
(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).
A planning error occurred in the Income Eligible Multifamily Electric program. The correct planned participants should have been closer to 4,000, which would make the current percent achieved close to 100%.
A planning error occurred in the ENERGY STAR® Lighting program. The correct planned participants should have been 233,364, which would make the current percent achieved 129%.
(10) Approved Budget includes Implementation and Evaluation budgets from Docket 4527, Attachment 5 Table E-2 (electric) and Attachment 6 Table G-2 (gas), adjusted to reflect "Docket 4527 – The Narragansett Electric Company, d/b/a National Grid 2015 Energy Efficiency Program Plan Transfer of Funds Request" approved by the Energy Efficiency Resources Management Council on March 29, 2015, the Division of Public Utilities and Carriers (Division) on March 20, 2015, and the Rhode Island Public Utilities Commission on May 7, 2015; and "Docket 4527 - The Narragansett Electric Company, d/b/a National Grid 2015 Energy Efficiency Program Plan Transfer of Funds Notice" sent to the Division and the EERMC in October 2015.
(11) Year To Date Expenses include Implementation and Evaluation expenses.
RGGI Expenses are counted separate as those funds were not part of the approved 2015 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 4528, not included in Expenses Total

NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND

Table 2. Summary of Gas 2015 Target and Preliminary 4th Quarter Results

| GAS PROGRAMS Sector and Program | (1) (2) (3) Energy Savings (MMBtu) | | | (4) (5) (6) Customer Participation | | | (7) (8) (9) Expenses (\$ 000) | | | (10) | (11) | (12) |
|---|---------------------------------------|----------------|---------------|---------------------------------------|----------------|---------------|----------------------------------|--------------------|--------------|-------------------------|-------------------|---------------------------|
| | Approved Target | Year To Date | Pct Achieved | Approved Target | Year To Date | Pct Achieved | Approved Budget | Year To Date | Pct Achieved | Lifetime savings, MMBtu | \$/Lifetime MMBtu | Planned \$/Lifetime MMBtu |
| Commercial and Industrial | | | | | | | | | | | | |
| Large Commercial New Construction | 41,802 | 36,459 | 87.2% | 227 | 96 | 42.5% | \$1,517.8 | \$1,843.7 | 121.5% | 766,516 | \$ 2.41 | \$ 2.00 |
| Large Commercial Retrofit | 125,711 | 137,502 | 109.4% | 600 | 612 | 102.0% | \$4,208.4 | \$3,227.0 | 76.7% | 1,073,438 | \$ 3.01 | \$ 5.28 |
| Small Business Direct Install | 3,489 | 4,758 | 136.4% | 83 | 120 | 144.0% | \$318.9 | \$203.4 | 63.8% | 46,468 | \$ 4.38 | \$ 10.77 |
| Commercial & Industrial Multifamily | 9,396 | 11,580 | 123.2% | 1,968 | 2,345 | 119.2% | \$692.2 | \$705.4 | 101.9% | 158,336 | \$ 4.46 | \$ 4.96 |
| Commercial & Industrial Pilots | | | | | | | \$73.5 | \$9.4 | 12.8% | | | |
| Comprehensive Marketing - C&I | | | | | | | \$102.3 | \$36.0 | 35.2% | | | |
| Community Based Initiatives - C&I | | | | | | | \$10.0 | \$5.4 | 53.8% | | | |
| Finance Costs | | | | | | | \$500.0 | N/A | N/A | | | |
| SUBTOTAL | 180,397 | 190,298 | 105.5% | 2,878 | 3,174 | 110.3% | \$7,423.1 | \$6,030.3 | 81.2% | 2,044,758 | \$ 2.95 | \$ 4.32 |
| Income Eligible Residential | | | | | | | | | | | | |
| Single Family - Income Eligible Services | 8,780 | 10,990 | 125.2% | 400 | 529 | 132.3% | \$3,303.5 | \$2,682.7 | 81.2% | 219,800 | \$ 12.21 | \$ 17.79 |
| Income Eligible Multifamily | 19,098 | 20,013 | 104.8% | 2,900 | 3,956 | 136.4% | \$1,721.5 | \$1,756.7 | 102.0% | 313,770 | \$ 5.60 | \$ 6.86 |
| SUBTOTAL | 27,878 | 31,003 | 111.2% | 3,300 | 4,485 | 135.9% | \$5,025.1 | \$4,439.4 | 88.3% | 533,570 | \$ 8.32 | \$ 11.09 |
| Non-Income Eligible Residential | | | | | | | | | | | | |
| EnergyWise | 68,141 | 75,095 | 110.2% | 2,400 | 2,830 | 117.9% | \$6,285.2 | \$4,877.6 | 77.6% | 1,676,356 | \$ 2.91 | \$ 4.72 |
| Energy Star® HVAC | 29,081 | 31,023 | 106.7% | 1,327 | 1,643 | 123.8% | \$1,490.2 | \$1,524.8 | 102.3% | 529,669 | \$ 2.88 | \$ 8.66 |
| EnergyWise Multifamily | 15,863 | 18,420 | 116.1% | 2,500 | 3,147 | 125.9% | \$1,657.8 | \$1,694.2 | 102.2% | 317,135 | \$ 5.34 | \$ 7.49 |
| Home Energy Reports | 50,806 | 60,254 | 118.6% | 142,220 | 130,455 | 91.7% | \$470.5 | \$455.5 | 96.8% | 60,254 | \$ 7.56 | \$ 9.26 |
| Residential New Construction | 4,796 | 12,732 | 265.5% | 386 | 366 | 94.8% | \$328.7 | \$450.8 | 137.2% | 224,302 | \$ 2.01 | \$ 3.21 |
| Residential Products Pilot | | | | | | | \$93.4 | \$55.2 | 59.0% | | | |
| Comprehensive Marketing - Residential | | | | | | | \$90.5 | \$88.5 | 97.7% | | | |
| Community Based Initiatives - Residential | | | | | | | \$32.3 | \$28.0 | 86.7% | | | |
| SUBTOTAL | 168,687 | 197,524 | 117.1% | 148,833 | 138,441 | 93.0% | \$10,448.6 | \$9,174.5 | 87.8% | 2,807,716 | \$ 3.27 | \$ 5.87 |
| Regulatory | | | | | | | | | | | | |
| EERMC | | | | | | | \$318.8 | \$309.7 | 97.2% | | | |
| OER | | | | | | | \$212.5 | \$175.6 | 82.6% | | | |
| SUBTOTAL | | | | | | | \$531.3 | \$485.3 | 91.4% | | | |
| TOTAL | 376,963 | 418,825 | 111.1% | 155,012 | 146,100 | 94.3% | \$ 23,428.0 | \$ 20,129.5 | 85.9% | 5,386,044 | \$ 3.74 | \$ 5.85 |

NOTES
(1)(4) Targets from Docket 4527 - Attachment 6, Table G-7 (gas).
(3) Pct Achieved is Column (2)/ Column (1).
(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 4527, Attachment 6 Table G-2 (gas), adjusted to reflect "Docket 4527 – The Narragansett Electric Company, d/b/a National Grid 2015 Energy Efficiency Program Plan Transfer of Funds Request" approved by the Energy Efficiency Resources Management Council on March 29, 2015, the Division of Public Utilities and Carriers (Division) on March 20, 2015, and the Rhode Island Public Utilities Commission on May 7, 2015; and "Docket 4527 - The Narragansett Electric Company, d/b/a National Grid 2015 Energy Efficiency Program Plan Transfer of Funds Notice" sent to the Division and the EERMC in October 2015.
(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.
(9) Pct Achieved is Column (8)/ Column (7).
(10) \$/lifetime MMBtu = Column (8)*1000/Column (10)
(12) Planned \$/lifetime MMBtu - Attachment 6, Table G-5 (gas).

**Table 3
National Grid
Revolving Loan Funds**

Large C&I Electric Revolving Loan Fund

Small Business Electric Revolving Loan Fund

| | | |
|-----|----------------------|--------------------|
| (1) | 2015 Funds Available | \$9,057,728 |
| (2) | 2015 Loan budget | \$6,500,000 |
| (3) | Committed | \$0 |
| (4) | Paid | \$4,930,123 |
| (5) | Number of loans | 89 |
| (6) | Participants | 48 |
| (7) | Savings (MWh) | 12,627 |
| (8) | Available | <u>\$1,569,877</u> |

| | | |
|-----|----------------------|-------------------|
| (1) | 2015 Funds Available | \$1,702,050 |
| (2) | 2015 Loan Budget | \$1,455,000 |
| (3) | Committed | |
| (4) | Paid | \$1,726,032 |
| (6) | Participants | 1,397 |
| (7) | Savings (MWh) | 15,875 |
| (8) | Available | <u>-\$271,032</u> |

Rhode Island Public Energy Partnership (RI PEP)

| | | |
|------|-----------------------|------------------|
| (9) | 2014/2015 Loan Budget | \$1,000,000 |
| (10) | Committed | \$0 |
| (11) | Paid | \$991,977 |
| (12) | Repayments | \$124,613 |
| (13) | Participants | 12 |
| (14) | Savings (MWh) | 1,722 |
| (15) | Available | <u>\$132,636</u> |

C&I Gas Revolving Loan Fund

| | | |
|-----|----------------------|------------------|
| (1) | 2015 Funds Available | \$1,000,000 |
| (2) | 2015 Loan budget | \$1,000,000 |
| (3) | Committed | |
| (4) | Paid | \$513,646 |
| (6) | Participants | 7 |
| (7) | Savings (MMBtu) | 31,720 |
| (8) | Available | <u>\$486,354</u> |

Notes

- 1 Amount Company estimated in 2015 Plan, Table E-10 including 2015 injections.
- 2 Budget adopted by Sales Team for 2015 operations.
- 3 As of December 31, 2015
- 4 As of December 31, 2015
- 5 As of December 31, 2015
- 6 Unique customer names for large business and unique customer accounts for small business (not adjusted for net-to-gross).
- 7 As of December 31, 2015
- 8 Available funds as of December 31, 2015 not including repayments.
- 9 RI PEP funding is over two years - includes 2014 and 2015.
- 10 As of December 31, 2015
- 11 As of December 31, 2015
- 12 As of December 31, 2015
- 13 As of December 31, 2015 -12 entities with 32 applications.
- 14 As of December 31, 2015
- 15 Available funds as of December 31, 2015.

Table 4
2015 RGGI Budget and Spend

| Initiative | 2015 Budget | Spend |
|---|---------------------|---------------------|
| RI Public Energy Partnership Incentives | \$ 500,000 | \$ - |
| Residential Delivered Fuels | \$ 1,200,000 | \$ 1,199,867 |
| Agricultural Delivered Fuels | \$ 192,700 | \$ 38,854 |
| Small Bus Community Bldgs | \$ 137,919 | \$ 137,919 |
| Heat Pump Study | \$ 175,585 | \$ 33,681 |
| Total | \$ 2,206,204 | \$ 1,410,321 |

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 2015, 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.