

Rhode Island Energy Efficiency

Third Quarter 2017 | National Grid

November 9, 2017

Overview

National Grid continued to post solid energy savings gains through the third quarter in 2017 and is on track to achieve its planned savings for the year. The company designed and built a 2,912 sqft “Passive Home”, which will have ultra-low energy usage that requires minimal energy space heating or cooling, allowing the Company and vendors to learn valuable lessons for its residential new construction program. In the C&I sector the upstream HVAC program added two new products in September: VRF and ECM Circulator Pumps, which contribute to the Company’s efforts to move HVAC products upstream to expand access to the program’s products and lower costs. Through the end of the third quarter the company achieved 75.7% of the electric savings goal and 58.8% of the gas savings goal.

For residential customers in the Home Energy Reports program, the company sent high usage alerts via email to 26,155 customers to encourage high energy users to conserve energy and save money. ENERGYSTAR® Lighting customers saw the price of bulbs reach the \$1/bulb benchmark. This drop in pricing has spurred strong sales and the ENERGYSTAR® Lighting program is expected to exceed its energy savings target by more than 15% due to the transforming lighting market. In the company’s EnergyWise program, 605 HEAT loans were completed for residential customers through the third quarter for a total of \$3.3 million in loans in 2017. In addition, an enhanced incentive bonus of \$200 for gas weatherization customers will continue through year.

On the commercial side, the Commercial Retrofit program posted robust energy savings of 54,462 annual MWh (70.2% of the annual goal) and 100,788 MMBtu (53.6% of the annual goal). These savings were in part achieved through 4,700 MWh of savings from LED Streetlight programs in Cranston, Barrington, and Bristol.

In the demonstration and pilots programs, over 1,200 residential customers now have new, smart thermostats and are participating in the Connected Solutions program with nine demand response events being called this summer. The Connected Solutions Program for C&I Customers has exceed its goal of 5MW and signed up 6.7MW of demand response from 27 participating customers with two demand response events being called this summer. These pilots and demonstrations projects help to light the way for future energy efficiency savings strategies.

The robust results from the third quarter demonstrate the benefit of energy savings from tried and true areas such as: lighting, behavior, and C&I retrofit. In addition, the achievements detailed in this report show that the Company is also aggressively testing and developing new technologies to achieve future savings so that Rhode Island’s energy customers will continue to reap the significant financial, environmental, and economic benefits provided by energy efficiency. Looking towards the end of 2017, the Company expects to meet its Annual Plan goals.

2017 Program & Initiative Updates

Residential New Construction (RNC)

- Residential New Construction had a robust third quarter, enrolling 104 units and completing an additional 176 in the quarter, bringing the total enrollment in 2017 to 546 (achieving 99% of the goal of 550).
- 40 units enrolled achieved Tier II (minimum of 31% savings over the program baseline) and 1 home achieved Tier III (minimum of 45% savings over the program baseline).
- 34% of the homes enrolled in the third quarter were affordable housing and 66% were market rate.
- Approximately 40% of completed units through the third quarter this year have electric heat (air source heat pumps). This is a significant shift from previous years and has resulted in a significant increase in electric savings. However, the reduction in the number of gas participants will make it challenging to meet the gas savings goals.
- Enrollment Highlights
 - A single family, 2,912 sq ft, RNC home was designed and built to the Passive House Standard this quarter. Passive building is a rigorous energy efficiency standard that results in ultra-low energy buildings that require minimal energy for space heating or cooling. This home is extremely airtight, with high-performance windows and doors, a high R value, continuous insulation throughout the envelope, and an energy recovery ventilator.



(Above is the passive house under construction)

- The first 21 units of a 96-unit development located in Burrillville's Pascoag Village were completed during the third quarter. Greenridge Apartments, a NeighborWorks Blackstone River Valley project, was awarded federal low-income housing tax credits from RI Housing in 2015. This project is part of a larger housing development plan, which will include Greenridge Commons with 75 townhouse apartments, and Greenridge Downtown which will include 21 apartments in mixed use buildings.

- 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 along a section of Pascoag Main Street will also be replaced as part of this initiative which will help efforts to revitalize the center of Pascoag. The homes are achieving HERS Index scores in the low 50s and are verified as Energy Star.
- The third 45-unit phase of Highland Hills was completed. This market rate project consists of a total of 180 Tier 1 units, with HERS Index scores between 63 and 65. In addition to qualifying for RNC incentives, the RNC program worked on behalf of National Grid's C&I department to qualify the project's parking lot lighting.

Income Eligible (IE)

- The Company provided each Community Action Program (CAP) Agency with third quarter feedback on budget and energy savings goals for the 2017 RI IES program.
- CLEAResult continued a pipeline reporting protocol to better understand opportunities in this space.
- The annual DOE review of the RI Weatherization Assistance Program (WAP) program began in third quarter and resulted in the removal of Audit Approval. All DOE funded projects must now be reviewed by DOE after the audit is complete but before a work order is created. Additional training for auditors in RI should be completed as soon as possible.
- The RI WAP/IES program continues to face various staffing challenges. Training will be required to develop a pipeline of entry level auditors (\$20.41/hr) with technical skills. Currently, our collaborative partner's pay rate is insufficient to attract local trade school graduates. DHS and CLEAResult are developing approaches to overcome these issues.
- Implementation of the National Grid Background Check program continued in the third quarter, with an emphasis on specialty contractors (electricians, chimney service, disaster prep, etc.). The Company continues to coordinate with the Rhode Island Dept. of Human Services on this issue.
- The company participated in the following trainings and workshops:
 - A Weatherization contractor bid meeting at CAP of Providence. This meeting was sparsely attended by contractors, indicating that our current pricing and measure lists are adequate.
 - Three Weatherization Technical Committee meetings at various CAP Agencies.
 - A meeting with Rhode Island Housing that established the goal of having all eligible RIH customers participate in energy savings programs as they transition into their new homes
 - A National Grid Best Practice meeting on August 17th, as well as a follow up meeting on the 2018 IES Plan.
 - A Solar Access Working Group at the invitation of Shauna Beland at RI OER. The working group is exploring ways to provide income eligible customers with opportunities to access solar energy.

EnergyWise

- 6,604 audits were completed through the third quarter.
- 1,549 gas weatherization jobs were completed through the third quarter, with 2,223 total weatherization jobs completed when including other fuel types.
- An enhanced incentive bonus of \$200 for gas weatherization customers will continue through year end and deliverable fuel enhanced incentives will begin in October.
- 605 HEAT loans were completed through the second quarter for a total of \$3.3 million in loans.
- The company attended several community events to promote EnergyWise including:
 - The RI Ride and Drive Event,
 - National Drive Electric Week,
 - The Cranston Community Collaboration

EnergyWise Multifamily and Income Eligible Multifamily

- The Company's vendor for the multifamily program began testing an online sign up portal for condominium complexes. The Company expects this program enhancement to be refined in the fourth quarter for full deployment in 2018 with the expectation that it will streamline the process for individual condo unit owners and facilitate easier participation.
- Efforts in the third quarter for the market rate program resulted in comprehensive retrofits at apartment and condominium complexes in Newport and Johnston.
- Although savings year-to-date is low for the electric and gas multifamily market rate programs, the Company has numerous projects in the pipeline and is confident that it will achieve its savings goals by year end.
- In the third quarter, the Income Eligible program undertook several large projects in Providence, Warwick, and various sites in the Olneyville neighborhood. Heating systems continued to be installed via the gas program which has resulted in a robust pipeline and a projected strong finish to the year. The electric program saw similar success and the program expects to exceed 100% of the savings goal by year's end.

ENERGYSTAR[®] HVAC (Heating and Cooling)

- Lead vendor efforts continue to focus on outreach to distributors and manufacturers to maintain positive relationships with existing trade allies.
- 20 distributor visits were conducted in the third quarter, and the Company will continue to push outreach events to get a head start for 2018.
- The Company hosted an outreach event at the Supply New England event in Pawtucket. Feedback from contractors indicated that selling high efficiency equipment helps their businesses.
- Third quarter outreach focus was geared towards counter days and events. These are events in which CLEAResult is invited to give a program overview as well as the occasional sessions on Selling High Efficiency, Proper Equipment Sizing, Duct Sealing, and Airflow and Charge Check.

- The Company attended the Robinson Supply annual trade show in Westport, MA. About a third of the attendees were RI contractors

ENERGYSTAR® Lighting

- The price for residential lighting reached the \$1/bulb benchmark and may represent a potential floor for the lighting market.
- This drop in pricing has spurred strong sales and the program is expected to exceed its energy savings target by more than 15%.
- In the fourth quarter the EnergyStar® Lighting program transferred \$1.8 million to Commercial Finance Cost to financially strengthen future program initiatives. This transfer will be reflected in Table 1 in the fourth quarter report.

Residential Consumer Products

- The July dehumidifier turn in event had a strong turnout with 62 old units brought to an Eco Depot in Johnston for recycling.
- In August, Wickford Appliance & Lighting in North Kingstown hosted a turn-in event for dehumidifiers.



(Above is the dehumidifier turn in event in North Kingstown in August)

- In August there was a social media promotion of Tier 1 and Tier 2 advanced power strips. The week-long event resulted in sales of 2,509 tier 2 APS and 603 tier 1 units.

Home Energy Reports (HER)

- Through the third quarter of 2017 the Home Energy Reports program saved 65,677 MMBTUs (111% of the annual goal) and 23,181 MWh (89% of the annual goal). The HER program is on pace to exceed gas and electric savings targets.
- In the third quarter the Company sent 305,003 printed Home Energy Reports (HER), 380,770 electronic HERs, 26,155 High Use Alerts via email, and averaged 5,792 monthly website logins.
- The third quarter program experience included modules that:
 - Promoted the EnergyWISE home energy assessment.
 - Thanked customers for their participation in the program and explained the energy and monetary savings impacts of their aggregate efforts.
 - Directed customers to income eligible program opportunities.

Community Initiatives

- In the third quarter community leaders, volunteers and the Company vendor, SmartPower, were "on the ground" in the towns of Richmond, Cumberland, Smithfield and North Kingstown to sign up residents for Home Energy Assessments.
- Students in the Cumberland Youth Commission hosted a presentation on the importance of energy conservation and drafted an opinion piece about the EnergyWISE program for their local newspaper.

Code Compliance Enhancement Initiative (CCEI)

- While challenges for the state code update process continue, the Code Compliance Enhancement Initiative (CCEI) made progress towards improving compliance with the energy code.
- This quarter, CCEI hosted training events and reached over 100 stakeholders. Events included:
 - A tour and presentation on the next energy code at New England Institute of Technology (NEIT) Student Center (23 attendees);
 - A tour and trainings focused on the mechanical provisions in the commercial and residential energy code at the Plumbers and Pipefitters Union Hall (60 attendees);
 - Two trainings for students enrolled in the Building Technologies Associate Degree Program at NEIT (11 attendees);
 - A training for plumbing and mechanical inspectors focused on HVAC and the residential energy code (25 attendees);
 - An in-field duct training (three contractors attended).
- CCEI contributed significant content and feedback to the state's Residential Stretch Code, a consistent statewide pathway from code-level construction to high performance building practices. Efforts to develop this stretch code will continue through its completion next quarter.
- A series of studies conducted this quarter calculated the savings attributable to the program in the next three years based on the latest measured compliance rates and construction market data. This is an integral element of continuing to offer the CCEI program through 2020.

Large Commercial New Construction

- For the upstream lighting program a \$1.00 minimum customer contribution was extended through the end of 2017. A new address validation tool was also implemented in August.
- For the upstream HVAC program two new products were launched in September: VRF and ECM Circulator Pumps. The program continues to sign up additional distributors for gas water heating.
- The launch of a market assessment study for potential inclusion of gas space heating equipment was approved for 2018.
- In the third quarter, the Gas Large Commercial New Construction program transferred \$208,630 to Gas Commercial Finance Cost to financially strengthen future program initiatives.

Large Commercial Retrofit

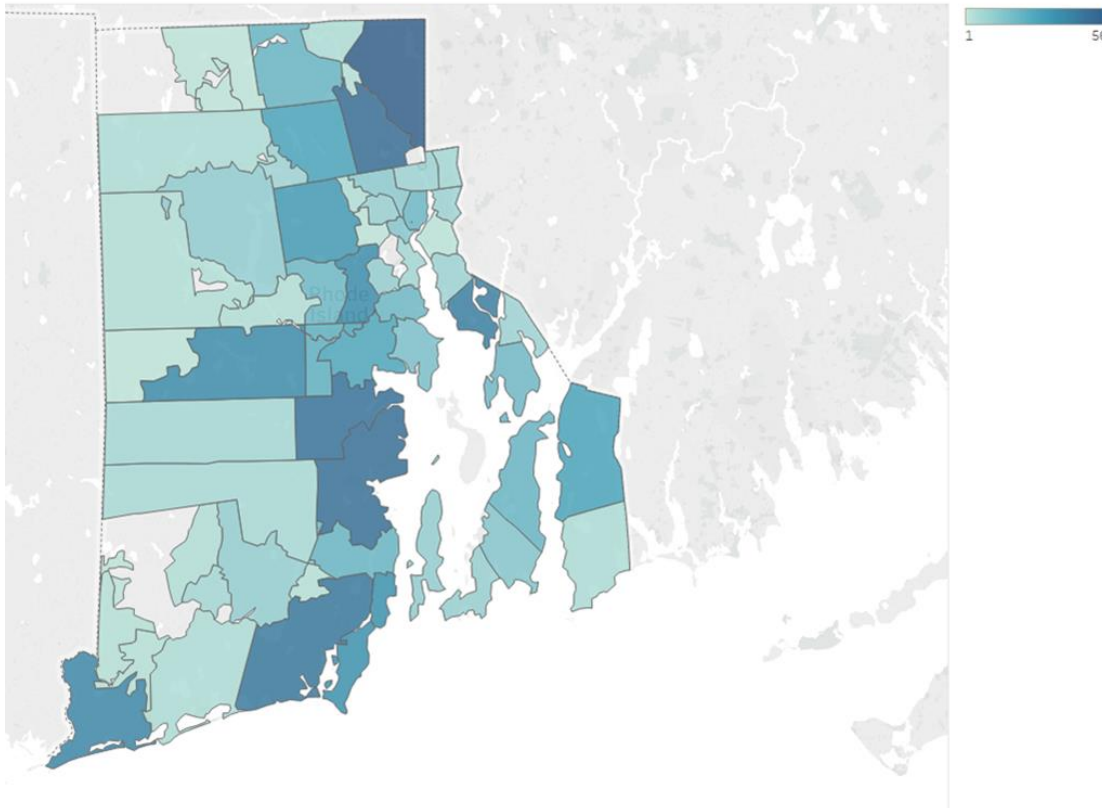
- Large Commercial Retrofit continues to post strong savings through the third quarter of 2017 with achieved savings of 54,462 MWh (70.2% of the annual goal) and 100,788 MMBtu (53.6% of the annual goal).
- Cranston, Barrington and Bristol replaced existing street lights with LEDs for incentives totaling \$724,000 and MWh savings of 4,700 MWh.
- A hotel was post-inspected and commissioning was scheduled for the final quarter in 2017.
- An apartment building is under construction with a post-inspection expected in the final quarter of 2017.
- A 7MW project is getting ready to be studied with an expected completion date in 2019.
- Positive feedback was received from customers who attended the Energy Summit on October 19th at Gillette Stadium.
- In the third quarter, the electric Large Commercial Retrofit program transferred \$1 million to electric Commercial Finance Cost and the gas Large Commercial Retrofit transferred \$583,048 to the gas Commercial Finance Cost.

Small Business Direct Install

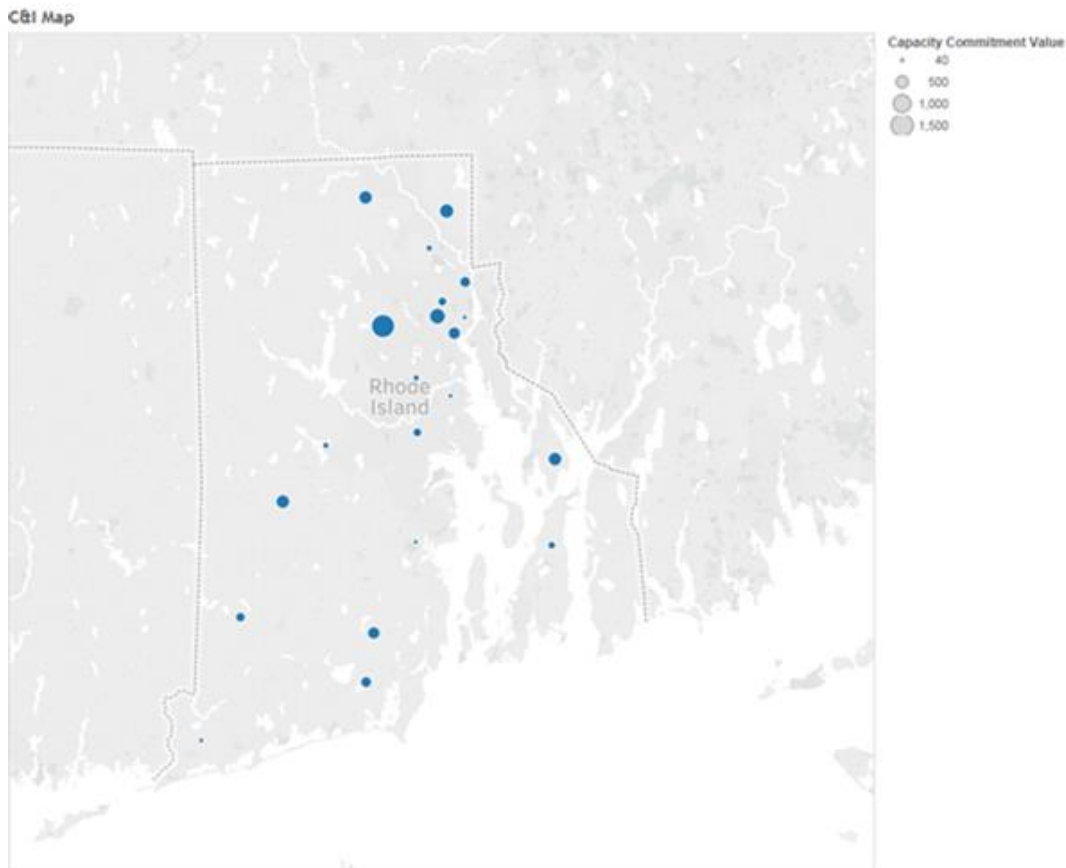
- The Small Business Direct Install program also continues to have strong performance through the third quarter with achieved savings of 8,502 MWh (70% the annual goal) and 2,536 MMBtu (70% of the annual goal) and is projected to deliver 95-100% of the savings goal by the end of the year.
- In the third quarter, the electric Small Business Direct Install Program transferred \$200,000 to Commercial Finance Cost. In the fourth quarter, an additional transfer of \$200,000 was made and will be reflected in Table 1 in the fourth quarter report.

Pilots

- Over 1,200 residential customers now have new thermostats and are participating in the Connected Solutions program with nine demand response events being called this summer.
- The Connected Solutions Program for C&I Customers has exceed its goal of 5MW and signed up 6.7MW of demand response from 27 participating customers with two demand response events being called this summer.



(The above map shows the location and number of Connected Solutions residential customers who have signed up for thermostats)



(The above map shows the MW capacity of DR C&I customers who signed up through the Connected Solutions DR Program)

Evaluation

- All evaluation studies are conducted by 3rd party contractors, and vetted and reviewed by the EERMC consulting team in conjunction with the Company. All final evaluation executive summaries are made available on the EERMC's website.
- The Participation study was finalized.
- A draft final of the custom process evaluation and custom HVAC studies were reviewed and are expected to be finalized in the fourth quarter.
- An analysis of the metering data began for the C&I Comprehensive Design Approach Evaluation, with results expected in the fourth quarter.
- For the C&I Upstream Lighting study, field metering continued, with meter pick-up and analysis beginning at some sites.
- The Free-ridership/spillover study was finalized with results used for 2018 Annual Planning.
- The Small Business Services evaluation was scoped and began with sample design and selection.
- The multi-state avoided energy supply cost study was scoped, went out for RFP, with the contract in negotiation. The study is working on a literature review of persistence, with some results expected Q4.

Upcoming Events

- The Rhode Island Innovation Hub will be open in November 2017.

NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND

Table 1. Summary of Electric 2017 Target and Preliminary 3rd Quarter Results

ELECTRIC PROGRAMS Sector and Program	(1) (2) (3) (4)				(5) (6) (7) (8)				(9) (10) (11)			(12) (13) (14)			(15) (16) (17)		
	Demand Reduction (Annual kW)				Energy Savings (Annual MWh)				Customer Participation			Expenses (\$ 000)			Lifetime savings, MWh \$/kWh Planned \$/kWh		
	Target	Year To Date	Pct Achieved	Pct Projected	Target	Year To Date	Pct Achieved	Pct Projected	Target	Year To Date	Pct Achieved	Budget	Year To Date	Pct Achieved			
Commercial and Industrial																	
Large Commercial New Construction	1,276	784	61.4%		14,270	4,337	30.4%		201	80	39.9%	\$5,121.4	\$2,699.5	52.7%	63,404	\$ 0.043	\$ 0.022
Large Commercial Retrofit	13,317	7,453	56.0%		77,611	54,462	70.2%		2,188	1,452	66.4%	\$22,708.4	\$14,562.0	64.1%	722,592	\$ 0.020	\$ 0.041
Small Business Direct Install	2,815	1,214	43.1%		12,136	8,502	70.1%		744	462	62.1%	\$8,631.4	\$5,176.4	60.0%	104,698	\$ 0.049	\$ 0.076
Commercial Demonstration and R&D												\$874.4	\$27.8	3.2%			
Finance Costs												\$2,500.0	N/A	N/A			
RI Infrastructure Bank												\$4,900.0	\$0.0	0.0%			
SUBTOTAL	17,408	9,451	54.3%	105.7%	104,017	67,301	64.7%	104.5%	3,133	1,994	63.6%	\$44,735.6	\$22,465.6	50.2%	890,694	\$ 0.025	\$ 0.046
<i>Subtotal with Finance</i>												\$44,735.6	\$24,965.6	55.8%	890,694	\$ 0.028	\$ 0.046
Income Eligible Residential																	
Single Family - Income Eligible Services	652	499	76.5%		4,350	2,622	60.3%		2,625	2,201	83.8%	\$9,268.1	\$5,253.2	56.7%	30,839	\$ 0.170	\$ 0.200
Income Eligible Multifamily	145	133	91.4%		2,726	2,444	89.6%		2,894	4,974	171.9%	\$2,708.4	\$1,828.1	67.5%	19,529	\$ 0.094	\$ 0.097
SUBTOTAL	797	631	79.2%	106.6%	7,076	5,066	71.6%	108.4%	5,519	7,175	130.0%	\$11,976.5	\$7,081.2	59.1%	50,368	\$ 0.141	\$ 0.161
Non-Income Eligible Residential																	
Residential New Construction	54	94	173.6%		1,065	617	57.9%		561	592	105.5%	\$1,045.3	\$758.3	72.5%	11,621	\$ 0.065	\$ 0.066
ENERGY STAR® HVAC	330	238	72.0%		1,376	806	58.6%		1,900	1,320	69.5%	\$1,669.5	\$916.8	54.9%	10,785	\$ 0.085	\$ 0.124
EnergyWise	376	277	73.7%		6,545	5,037	77.0%		9,000	7,410	82.3%	\$9,630.0	\$6,508.2	67.6%	35,925	\$ 0.181	\$ 0.166
EnergyWise Multifamily	288	118	41.1%		3,519	1,465	41.6%		4,000	2,236	55.9%	\$3,443.5	\$1,129.8	32.8%	14,923	\$ 0.076	\$ 0.111
ENERGY STAR® Lighting	5,466	5,506	100.7%		46,856	47,195	100.7%		279,425	327,836	117.3%	\$9,412.4	\$6,490.3	69.0%	417,853	\$ 0.016	\$ 0.038
Residential Consumer Products	705	317	45.0%		4,708	1,690	35.9%		14,700	5,964	40.6%	\$2,125.0	\$1,113.1	52.4%	13,696	\$ 0.081	\$ 0.081
Home Energy Reports	3,119	2,708	86.8%		26,184	23,181	88.5%		208,063	269,917	129.7%	\$2,447.0	\$1,779.5	72.7%	23,181	\$ 0.077	\$ 0.093
Energy Efficiency Educational Programs												\$40.0	\$41.2	102.9%			
Residential Demonstration and R&D												\$1,179.5	\$327.5	27.8%			
Community Based Initiatives - Residential												\$270.8	\$168.9	62.4%			
Comprehensive Marketing - Residential												\$535.4	\$322.1	60.2%			
SUBTOTAL	10,338	9,257	89.5%	104.8%	90,254	79,992	88.6%	105.2%	517,648	615,275	118.9%	\$31,798.4	\$19,555.6	61.5%	527,985	\$0.037	\$ 0.070
Regulatory																	
EERMC												\$816.3	\$391.6	48.0%			
OER												\$816.3	\$639.0	78.3%			
SUBTOTAL												\$1,632.5	\$1,030.6	63.1%			
TOTAL	28,543	19,340		105.4%	201,347	152,358		105.0%	526,299	624,444	118.6%	\$ 90,143.1	\$ 50,133.1	55.6%	1,469,047	\$0.034	\$ 0.058
<i>TOTAL With Finance</i>												\$ 90,143.1	\$ 52,633.1	58.4%	1,469,047	\$0.036	\$ 0.058
RGGI												\$ 767.8	\$23.0	3.0%			
Municipal LED Street Lights												\$ 1,525.0	\$722.7	47.4%			
System Reliability Procurement												\$ 399.3	\$208.6	52.2%			

NOTES
 (1)(5)(9) Targets from Docket 4654 - Attachment 5, Table E-7 (electric)
 (3) Pct Achieved is Column (2)/ Column (1).
 (7) Pct Achieved is Column (6)/ Column (5).
 (9) Participation was planned and is reported in 'net' terms which takes into account free-ridership and spillover.
 (11) Pct Achieved is Column (10)/ Column (9).
 (12) Approved Budget includes Implementation and Evaluation budgets from Docket 4654, Attachment 5 Table E-2 (electric), adjusted to reflect the following transfers made during the 3rd Quarter pursuant to Sections IV.C.1.A of the Energy Efficiency Program Plan for 2017 Settlement of the Parties (2017 Plan) approved in Docket 4654: \$1,000,000 from Large Commercial Retrofit to Commercial Finance Costs and \$200,000 from Small Business Direct Install to Commercial Finance Costs. The following transfers are not reflected in the 3rd quarter approved budget but will be reflected in the 4th quarter approved budget: Implementation and Evaluation budgets from Docket 4654, Attachment 5 Table E-2 (electric), will be adjusted to reflect the following transfers made during the 4th Quarter pursuant to Sections IV.C.1.A and IV.C.2 of the Energy Efficiency Program Plan for 2017 Settlement of the Parties (2017 Plan) approved in Docket 4654: \$1,800,000 from ENERGY STAR® Lighting to Commercial Finance Costs and \$200,000 from Small Business Direct Install to Commercial Finance Costs.
 (13) Year To Date Expenses include Implementation and Evaluation expenses.
 RGGI Expenses are counted separate as those funds were not part of the approved 2017 budget. Details on RGGI spend are found in Table 4.
 (14) Pct Achieved is Column (13)/ Column (12).
 (16) \$/lifetime kWh = Column (13)/Column (15)
 (17) Planned \$/lifetime kWh - Attachment 5, Table E-5 (electric)
 System Reliability Procurement targets from Docket 4654 - Attachment 5, Table E-7 (electric), not included in Expenses Total
 The Company received \$1,525,000 from the State to pay out to municipal customers on its behalf.

NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table 2. Summary of Gas 2017 Target and Preliminary 3rd Quarter Results

GAS PROGRAMS Sector and Program	(1) (2) (3) (4) Energy Savings (MMBtu)			(5) (6) (7) Customer Participation			(8) (9) (10) Expenses (\$ 000)			(11)	(12)	(13)	
	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	53,516	14,135	26.4%		149	124	83.0%	\$1,877.7	\$1,348.7	71.8%	270,331	\$ 4.99	\$ 3.93
Large Commercial Retrofit	187,938	100,788	53.6%		147	76	51.7%	\$5,247.5	\$2,146.5	40.9%	757,627	\$ 2.83	\$ 4.07
Small Business Direct Install	3,639	2,536	69.7%		86	83	97.1%	\$268.7	\$78.7	29.3%	16,403	\$ 4.80	\$ 7.74
Commercial & Industrial Multifamily	4,434	1,320	29.8%		806	222	27.5%	\$738.9	\$96.1	13.0%	15,503	\$ 6.20	\$ 12.82
Commercial Demonstration and R&D								\$73.8	\$2.6	3.6%			
RI Infrastructure Bank								\$100.0	\$0.0	0.0%			
Finance Costs								\$1,291.7	N/A	N/A			
SUBTOTAL	249,527	118,779	47.6%	106.7%	1,188	505	42.5%	\$9,598.1	\$3,672.6	38.3%	1,059,864	\$ 3.47	\$ 4.50
<i>Subtotal With Finance</i>								\$9,598.1	\$4,964.3	51.7%	1,059,864	\$ 4.68	\$ 4.50
Income Eligible Residential													
Single Family - Income Eligible Services	11,032	10,377	94.1%		590	510	86.4%	\$3,640.6	\$2,712.4	74.5%	207,544	\$ 13.07	\$ 16.50
Income Eligible Multifamily	15,810	7,344	46.4%		2,709	3,249	119.9%	\$2,216.6	\$638.9	28.8%	104,972	\$ 6.09	\$ 7.94
SUBTOTAL	26,842	17,721	66.0%	110.3%	3,299	3,759	113.9%	\$5,857.2	\$3,351.2	57.2%	312,516	\$ 10.72	\$ 11.72
Non-Income Eligible Residential													
EnergyWise	28,587	19,467	68.1%		2,250	2,476	110.0%	\$6,917.2	\$5,407.8	78.2%	464,978	\$ 11.63	\$ 14.63
Energy Star® HVAC	27,393	14,574	53.2%		2,104	1,375	65.4%	\$1,803.5	\$926.9	51.4%	237,709	\$ 3.90	\$ 10.82
EnergyWise Multifamily	11,518	3,834	33.3%		4,101	2,117	51.6%	\$1,823.6	\$448.5	24.6%	55,862	\$ 8.03	\$ 13.22
Home Energy Reports	59,164	65,677	111.0%		99,001	119,566	120.8%	\$497.0	\$401.4	80.8%	65,677	\$ 6.11	\$ 8.40
Residential New Construction	11,575	3,900	33.7%		373	303	81.2%	\$840.7	\$675.4	80.3%	97,204	\$ 6.95	\$ 8.30
Residential Demonstration and R&D								\$264.4	\$29.8	11.3%			
Comprehensive Marketing - Residential								\$69.8	\$38.0	54.5%			
Community Based Initiatives - Residential								\$79.6	\$47.2	59.3%			
SUBTOTAL	138,237	107,452	77.7%	106.2%	107,829	125,837	116.7%	\$12,295.7	\$7,975.0	64.9%	921,430	\$ 8.66	\$ 12.58
Regulatory													
EERMC								\$304.3	\$126.0	41.4%			
OER								\$304.3	\$205.5	67.5%			
SUBTOTAL								\$608.5	\$331.5	54.5%			
TOTAL	414,606	243,951	58.8%	106.8%	112,316	130,101	115.8%	\$ 28,359.5	\$ 15,330.3	54.1%	2,293,809	\$ 6.68	\$ 7.96
<i>Total with Finance</i>								\$ 28,359.5	\$ 16,622.0	58.6%	2,293,809	\$ 7.25	\$ 7.96

NOTES
(1)(5) Targets from Docket 4654 - 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.
(5) Participation was planned and is reported in 'net' terms which takes into account free-ridership and spillover.
(7) Pct Achieved is Column (6)/ Column (5).
(8) Approved Budget includes Implementation and Evaluation budgets from Docket 4654, Attachment 6 Table G-2 (gas), adjusted to reflect the following transfers made during the 3rd Quarter pursuant to Sections IV.C.1.A of the Energy Efficiency Program Plan for 2017 Settlement of the Parties (2017 Plan) approved in Docket 4654: \$208,630 from Large Commercial New Construction to Commercial Finance Costs and \$583,048 from Large Commercial Retrofit to Commercial Finance Costs.
(9) Year To Date Expenses include Implementation and Evaluation expenses.
(10) Pct Achieved is Column (9)/ Column (8).
(12) \$/lifetime MMBtu = Column (9)*1000/Column (11)
(13) 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)	2017 Funds Available	\$14,661,388	(1)	2017 Funds Available	\$2,767,799
(2)	2017 Loan budget	\$11,000,000	(2)	2017 Loan Budget	\$4,400,000
(3)	Committed	\$6,994,473	(3)	Committed	\$873,586
(4)	Paid	\$5,377,709	(4)	Paid	\$2,476,178
(5)	Repayments	\$3,032,331	(5)	Repayments	\$1,970,797
(6)	Number of loans	299	(7)	Participants	1,266
(7)	Participants	241	(8)	Savings (Gross MWh)	8,776
(8)	Savings (Gross MWh)	32,345	(9)	Savings (Net MWh)	8,502
(9)	Savings (Net MWh)	25,433	(10)	Savings (Gross kW)	1,333
(10)	Savings (Gross kW)	3,774	(11)	Savings (Net kW)	1,214
(11)	Savings (Net kW)	3,307	(12)	Available	\$3,021,033
(12)	Available	\$1,660,149			
Rhode Island Public Energy Partnership (RI PEP)			C&I Gas Revolving Loan Fund		
(1)	2017 Funds Available	\$483,184	(1)	2017 Funds Available	\$2,271,386
(3)	Committed	\$0	(2)	2017 Loan budget	\$1,000,000
(4)	Paid	\$18,003	(3)	Committed	\$293,800
(5)	Repayments	\$251,272	(4)	Paid	\$481,000
(7)	Participants	1	(5)	Repayments	\$316,560
(8)	Savings (Gross MWh)	26	(7)	Participants	21
(9)	Savings (Net MWh)	15	(8)	Savings (Gross MMBtu)	64,132
(10)	Savings (Gross kW)	7	(9)	Savings (Net MMBtu)	47,639
(11)	Savings (Net kW)	6	(12)	Available	\$541,760
(12)	Available	\$716,454			

Notes

- Amount available as of January 1, 2017, including 2017 fund injections detailed in Tables E-10 and G-10. Amount also includes transfers to the revolving loan funds made in the 3rd quarter as detailed in Tables 1 and 2 of this report. RI PEP Fund reflects a transfer of \$253,322.56 to RI PEP incentives in January 2017.
- 2 Budget adopted by Sales Team for 2017 operations. Budget includes projections of repayments made during 2017.
- 3 As of September 30, 2017
- 4 As of September 30, 2017
- 5 As of September 30, 2017
- 6 As of September 30, 2017
- 7 Unique customer names for large business and customer accounts for small business (not adjusted for net-to-gross).
- 8 As of September 30, 2017
- 9 As of September 30, 2017
- 10 As of September 30, 2017
- 11 As of September 30, 2017
- 12 Available funds as of September 30, 2017.

Table 4
2017 RGGI Budget and Spend

Initiative	2017 Budget	Spend
RI Public Energy Partnership Incentives	\$ 337,202	\$ -
Residential Delivered Fuels	\$ 21,484	\$ 21,484
Agricultural Delivered Fuels	\$ 238,515	\$ -
Heat Pump Study	\$ 170,597	\$ 1,543
Total	\$ 767,799	\$ 23,027

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 2017, 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.