

Rhode Island Energy Efficiency

First Quarter 2016 | National Grid

May 5th, 2016

Overview

National Grid is off to a great start for the first quarter of 2016. The Company focused on promoting program participation and improving customer experience to create a solid foundation for reaching energy savings and participation targets in 2016. At the end of the first quarter the Company achieved 19% of the electric savings goal and 16% of the gas savings goal.

To promote participation, National Grid designed a plan to reenergize the heating and cooling programs through enhanced trade ally engagement and a more unified HVAC offering to increase consumer awareness. On the commercial side, National Grid officially launched new LED luminaries in the upstream lighting initiative to expand the current line-up of upstream products. With appropriate incentives, the Company expects to see rapid uptake by the middle of the third quarter.

For the third year in a row, National Grid partnered with the RI Office of Energy Resources (OER) and the RI Energy Efficiency and Resource Management Council (EERMC) to host the Rhode Island Energy Expo at the 2016 RI Home Show on March 31st through April 3rd. With over 20,000 attendees, the Company aggressively promoted the EnergyWise Home Energy Assessment and received a remarkable 681 on-site requests for assessments.

National Grid also focused on improving customer experience in the first quarter. Efforts included upgrading email Home Energy Reports and developing a digital promotional module on online audits and new features of the recently-launched National Grid US Retail Website. In the commercial sector, the Company's partnership with Leidos in the industrial initiative is helping customers to optimize industrial and manufacturing water heating systems as well as identify other energy savings opportunities.

EnergyWise was awarded the 2016 ENERGY STAR Partner of Year for Program Implementation, which recognizes the work in operating productive energy efficiency programs, achieving outstanding customer relations, and working closely with state and local governments.

The 2015 Jobs Study was also finalized in the first quarter. The study found that National Grid's 2015 energy efficiency programs supported 695.8 full-time equivalent (FTE) workers. Most of the jobs created as a result of the energy efficiency investments were local because they were tied to installation of equipment and other materials. In fact, of the 1,009 companies and agencies involved in National Grid's 2015 EE programs, 79% were located in Rhode Island.

Based on the strong first quarter results, National Grid believes 2016 will be another innovative and successful year to come.

2016 Program & Initiative Updates

Residential New Construction

- Residential New Construction had a strong first quarter with 88 completed units.
- 65% of completed homes were new construction and 35% were renovation-rehabilitation. 34% of homes served were Income Eligible.
- 62 homes achieved Tier II savings (a minimum of 25% savings over the program baseline).
- 4 homes in North Kingstown, Warren, Bristol, and Charlestown achieved Tier III savings (a minimum of 45% savings over the program baseline).
- 232 units enrolled in the Program. These newly enrolled projects have aggressive timelines and their progress may confirm whether these initial signs represent a potential turnaround in the market.
- Success story on Affordable Housing Projects:
 - Ashton Village enrolled in the Program in 2014 with the last unit completed in February 2016. In total, 53 units participated, with 42 renovations and 11 new constructions. These units achieved an average of 31.8% savings over the Program savings baseline, and scored an average HERS Index of 65. The project consisted of a set of millworker cottages located next to the recently reclaimed Ashton Mill and is considered to be one of the most intact mill villages in the region. Valley Affordable Housing purchased 10 of these buildings with the intent to both restore and preserve the buildings and to provide affordable housing.



Income Eligible

- Rhode Island Department of Human Services (DHS) Management Team, National Grid, and CLEAResult met to discuss the integration of budgets based on funding from the federal Department of Energy (DOE) and the Low Income Home Energy Assistance Program (LIHEAP) programs, and National Grid energy efficiency funds. Budget integration allows programs to maximize the leveraged 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 first quarter. Topics discussed include updates on kneewall options, enclosed space test equipment selection, Hancock training, Residential Energy Dynamics (RED) calculations for ASHRAE implementation, and Chimney Liners and recurring Hancock software issues.

- DHS, contractors, and CLEAResult participated in OSHA Enclosed Space training.
- The RI Income Eligible Services Operations Manual will be finalized and distributed to CAP agencies on July 1 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 first quarter. CLEAResult has contacted every contractor on the State's roster and is working with CAP agencies to smoothly integrate the Background Check policy. DHS has collaborated with CLEAResult and will be requiring all contractors implementing DHS funded projects to meet the requirements of the National Grid Background Check program, effective May 20, 2016.

EnergyWise

- EnergyWise was awarded the 2016 ENERGY STAR Partner of Year for Program Implementation.
- 2,235 home energy assessments were completed in the first quarter. In general, the program activity, aside from the Home Show, has been slower than in recent years. Much of this is attributed to a warm winter and low energy prices. The Company will be actively marketing the program in the upcoming quarter.
- There will be no more compact fluorescent lamps purchased for this program, so when the existing supply is depleted, EnergyWise will be installing primarily LEDs.
- 320 HEAT loans were in completed in the first quarter for a total of \$1.78 million loan.
- 520 gas weatherizations were completed through the first quarter.

EnergyWise and Income Eligible Multifamily

- The first meetings of the new energy efficiency Multifamily Working Group took place at National Grid and included stakeholders from OER, Green and Healthy Homes Initiative (GHHI), RI Housing, Optimal Energy, and RISE Engineering. These meetings will continue to take place once a month through the planning of the 2017 program plan.
- National Grid along with RISE Engineering presented at the Community Association's Institute Annual Condo Hero event on the Multifamily retrofit Program. The presentation was well received and an article was written for Condo Media Magazine highlighting National Grid's efforts.
- National Grid's Marketing, Strategy, and Implementation team worked together to create a multi-page Case Study of the Wethersfield Condominium complex retrofit to use in the recruitment of new and interested condominium complexes. An apartment case-study is underway.
- Income eligible electric is off to a good start with impressive work in the pipeline. There is a slower start on the gas side, so the strategy team is in the process of developing a plan with marketing, execution and RISE to address any concerns and bring in more projects.

ENERGYSTAR® Lighting and Appliances

- ENERGY STAR has a specification revision in effect which will result in lower cost and shorter measure life for ENERGY STAR qualified bulbs that will be offered as early as July, 2016. The shorter lifespan bulbs will compete against low priced non-ENERGY STAR qualified products. National Grid will encourage all products to support full lines of ENERGY STAR lighting products and not just the lower cost items.
- Educational tables were featured at The Home Depot in Coventry and Lowe's in Cranston in March, The Home Depot in Middletown and Westerly in February, and The Home Depot in Warwick and North Kingstown in January to promote efficient lighting and products.
- Pool Pump trainings began with dealers, installers, distributors and manufacturers. Buying groups will be the next target to learn about the upstream incentives that are being offered for high efficiency pool pumps.
- Refrigerator and freezer recycling has a tentative launch date of June 1, 2016.

ENERGYSTAR® HVAC (Heating and Cooling)

- The Company and the lead vendor designed a plan to reenergize the Gas and Electric Heating and Cooling Programs through enhanced trade ally engagement and a more unified HVAC offering to increase participation and consumer awareness of the Company's commitment to energy efficiency.
- The Electric HVAC program released an announcement to partners which included the 2016 rebate forms and internal program operational documents. Field representatives have been corresponding and interacting regularly with trade ally partners, including installation contractors, distributors and manufacturers, to articulate the benefits of program participation and incentives for customers.
- There was one classroom training conducted for Airflow and Charge Check (AC Check) technicians in preparation for the 2016 summer cooling season. A new online training 'Airflow basics' was made available to contractors coming through the training, as well as some other trade ally partners.

Home Energy Reports

- During the first quarter of 2016, the Home Energy Report program helped customers save 7,758 MWh and 24,419 MMBtu.
- Digital engagement was particularly high compared to previous quarters, with an email open rate of over 33%.
- First quarter enhancements to the customer experience included the migration to the second-generation email Home Energy Report, and a digital promotional module encouraging customers to complete the online audit and explore the new features of the recently-launched National Grid US Retail Website.

Community Initiative

- Charlestown and Narragansett joined the RI Energy Challenge. Town officials sent emails to over a 1,000 residents in Charlestown while materials have been distributed through community centers, the clerk's office, the library, and chamber of commerce in Narragansett.
- Efforts in the City of Providence wrapped in late January with a final tally of 3,370 residents signing up to take the pledge to be more efficient. The city, along with Johnson & Wales University, was celebrated on April 1st at City Hall for this successful effort.
- The CAP agencies continue to speak with clients and have placed posters and materials in their lobbies. Special meetings were held with South County CAP to ask for increased communication while working in the area for the Challenge.
- The vendor for the program, SmartPower, hired an intern from Johnson & Wales University's Sustainability Office to focus on the RI Energy Challenge Efforts and help with communications to students statewide.

Codes Initiative

- In the first quarter, National Grid Procurement awarded a new contract to CLEAResult for 2 years through December 31, 2017. This award was made after a National Grid team solicited proposals via an RFP and then conducted a thorough review of the 5 proposals received and conducted interviews of 4 candidate firms.
- 7 residential and 1 commercial classroom energy code trainings were conducted in the first quarter. The residential trainings drew 202 attendees and the commercial training drew 8 attendees. Residential attendance was boosted by conducting two sessions at the Rhode Island Building Officials Association (RIBOA) Expo, which drew 160 attendees.
- The initiative also fielded 10 residential and 1 commercial Circuit Rider phone calls in the 1st 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 on target to meet 2016 goals.
- Upstream initiatives:
 - After a brief pilot in 2015, the Company officially launched 1x4, 2x2, and 2x4 LED luminaries in the upstream lighting initiative. National Grid believes that this will be a great addition to the current line-up of upstream products. If the incentive is set correctly, the Company expects to see rapid uptake by the middle of the third quarter.
 - National Grid and the Massachusetts Program Administrators (PAs) have begun work on an RFP for an administrator for the upstream HVAC initiative.
- Standardized testing to meet international standards began January 1st. The next Building Operator Certification (BOC) Level I class will begin in Providence on May 3rd. This class runs through July, with the test scheduled for Sep 13th.

- Several municipalities have expressed interest in purchasing their own street lights and replacing them with LEDs. The City of Providence will be the first to buy lights. Providence expects to have all of street lights converted to LEDs with controls by the end of the summer.

Large Commercial Retrofit

- The Company's partnership with Leidos in the industrial/manufacturing sector is producing great projects.
 - Working with Jeff Dunham (Commercial Sales) and a local newspaper, the National Grid Industrial Initiative team identified four 50 kW hot water tanks in process that are used to supply hot water to the plate making machines for washing purposes. The team metered the electricity usage on the tanks for one week and was able to determine that approximately 603,111 kWh of electricity was used annually to provide the hot water used in the washing process. The industrial initiative has proposed replacing the tanks with three 150,000 btu/hr on demand natural gas domestic hot water heaters to be installed in line before the electric hot water heaters. The incoming city water will be heated to the required 135 degrees and stored and maintained in the existing electric hot water tanks. It is estimated that 20% of the existing usage will be required to maintain water temperature when the process is not in use.
- National Grid is actively working with municipal buildings that are currently participating in the Efficient Building Fund through RI Infrastructure Bank (RIIB). The Company is also providing dedicated project management support to several municipalities. The municipalities have indicated this as a high value service in addition to incentives and technical support that National Grid currently offers.
- On March 16th EnergySmart Grocer and National Grid presented an award for the 'EnergySmart Grocer of the Year' to a Rhode Island Food Dealer Association member who showed a strong commitment to energy conservation and participation in energy efficiency programs. The awarded grocer, Dave's Marketplace, was a leader in Rhode Island and completed comprehensive projects in both lighting and refrigeration at multiple locations across their nine store chain.

Small Business Direct Install

- The Small Business Direct Install program has started out the year with a very strong first quarter performance. The Company believes this is due to the effect of increased marketing amongst the customer group.

Finance

- The Company, in partnership with RIIB, OER and the program manager SRS, have been working diligently to bring the Commercial Property Assessed Clean Energy (C-PACE) program to commercial customers in Rhode Island. The first months have been very busy and have involved process mapping, educating towns and vendors, creating procedural and technical documents, and collaborating on marketing materials. The

Company expects the program to officially launch in the second quarter and see the first projects shortly after.

Pilots

- The Company has been preparing for the residential demand response pilot. Outreach to customers should begin in May.

Evaluation

- Site visits and measurements were taken for the C&I Prescriptive Compressed Air (CAIR) study. The report is being produced, with the expectation of completion in the second quarter.
- On the C&I Prescriptive Chiller study, final touches were being added. The completed report is expected in the second quarter.
- The evaluation sample was drawn for the C&I Custom Process study. Tracking information was conveyed and site visits will be scheduled in the second quarter.
- For the C&I Custom HVAC study, the evaluation sample was drawn, tracking information was conveyed, and site visits will be scheduled prior to the summer metering season.
- For the C&I Custom Gas study, metering was installed and picked up during the first quarter. Site reports have begun and draft final report is expected in the second quarter.
- Site visits for the C&I Energy Code Compliance Study has begun. The study is expected to be completed by the end of the second quarter.

Energy Expo:

- The Energy Expo at the RI Home Show from March 31 to April 3 had over 20,000 attendees. National Grid was a co-sponsor along with OER. Through aggressive promotion of the EnergyWise Home Energy Assessment, National Grid received 681 on-site requests for assessments.
- 2,154 product packs were sold by Techniart, the lighting and products pop up retailer which resulted in sales of 13,304 lamps from multipack and individual sales.

Upcoming Events:

- ACEEE Finance Forum will be held in Newport May 22-24, 2016.
- Energy Summit at Gillette Stadium is scheduled for October 13, 2016.

NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table 1. Summary of Electric 2016 Target and Preliminary 1st 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	Planned \$/kWh	Planned \$/kWh
Commercial and Industrial	Target	Year To Date	Pct Achieved	Target	Year To Date	Pct Achieved	Target	Year To Date	Pct Achieved	Budget	Year To Date	Pct Achieved			
Large Commercial New Construction	1,540	204	13.3%	15,728	706	4.5%	209	62	29.8%	\$6,864.1	\$1,126.1	16.4%	10,899	\$ 0.103	\$ 0.030
Large Commercial Retrofit	13,906	1,620	11.6%	67,030	8,245	12.3%	3,540	484	13.7%	\$22,545.5	\$2,147.5	9.5%	88,886	\$ 0.024	\$ 0.053
Small Business Direct Install	2,507	649	25.9%	12,165	3,516	28.9%	905	251	27.8%	\$8,745.9	\$1,933.4	22.1%	38,626	\$ 0.050	\$ 0.085
Community Based Initiatives - C&I										\$49.6	\$6.8	13.6%			
Commercial Demonstration and R&D										\$296.2	\$1.1	0.4%			
Finance Costs										\$3,000.0	N/A	N/A			
SUBTOTAL	17,953	2,473	13.8%	94,922	12,467	13.1%	4,654	797	17.1%	\$41,501.2	\$5,214.8	12.6%	138,411	0.038	\$ 0.055
Income Eligible Residential															
Single Family - Income Eligible Services	554	134	24.3%	4,061	881	21.7%	2,500	713	28.5%	\$8,656.1	\$1,725.2	19.9%	9,194	\$ 0.188	\$ 0.213
Income Eligible Multifamily	366	31	8.4%	2,830	387	13.7%	5,100	819	16.1%	\$2,531.3	\$287.2	11.3%	4,628	\$ 0.062	\$ 0.102
SUBTOTAL	920	165	18.0%	6,891	1,267	18.4%	7,600	1,532	20.2%	\$11,187.4	\$2,012.5	18.0%	13,822	\$ 0.146	\$ 0.170
Non-Income Eligible Residential															
Residential New Construction	83	16	18.8%	1,213	91	7.5%	512	88	17.2%	\$736.9	\$208.7	28.3%	1,167	\$ 0.179	\$ 0.071
ENERGY STAR® HVAC	235	91	38.5%	1,011	381	37.7%	902	500	55.4%	\$1,219.0	\$314.2	25.8%	4,435	\$ 0.071	\$ 0.138
EnergyWise	1,701	511	30.0%	11,729	3,792	32.3%	8,890	2,942	33.1%	\$9,007.7	\$2,259.7	25.1%	35,295	\$ 0.064	\$ 0.095
EnergyWise Multifamily	579	22	3.7%	4,061	396	9.8%	4,400	1,329	30.2%	\$3,319.1	\$315.3	9.5%	4,139	\$ 0.076	\$ 0.095
ENERGY STAR® Lighting	3,620	1,303	36.0%	43,098	11,202	26.0%	233,992	91,525	39.1%	\$7,362.1	\$1,595.1	21.7%	101,052	\$ 0.016	\$ 0.030
Residential Consumer Products	696	93	13.4%	4,647	526	11.3%	14,095	3,717	26.4%	\$2,085.0	\$202.6	9.7%	3,485	\$ 0.058	\$ 0.080
Home Energy Reports	3,759	1,189	31.6%	32,186	7,758	24.1%	294,013	273,677	93.1%	\$2,796.7	\$681.1	24.4%	7,758	\$ 0.088	\$ 0.087
Energy Efficiency Educational Programs										\$40.1	\$40.0	99.8%			
Residential Demonstration and R&D										\$488.1	\$9.8	2.0%			
Community Based Initiatives - Residential										\$284.4	\$41.5	14.6%			
Comprehensive Marketing - Residential										\$534.0	\$22.1	4.1%			
SUBTOTAL	10,673	3,224	30.2%	97,947	24,146	24.7%	556,804	373,778	67.1%	\$27,873.1	\$5,689.9	20.4%	157,331	\$ 0.036	\$ 0.055
Regulatory															
EERM										\$793.1	\$69.6	8.8%			
OER										\$793.1	\$128.6	16.2%			
RI Infrastructure Bank										\$1,441.5	\$0.0	0.0%			
SUBTOTAL										\$3,027.7	\$198.2	6.5%			
TOTAL	29,545	5,863	19.8%	199,760	37,880	19.0%	569,058	376,107	66.1%	\$ 83,589.4	\$ 13,115.4	15.7%	309,564	\$ 0.042	\$ 0.061
RGGI										\$ 2,331.2	\$ 8.3	0.4%			
System Reliability Procurement										\$ 441.1	\$ 82.0	18.6%			

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 correct kW goal should be 5,049 kW. This would make the percent achieved 25.8%. In turn, the correct kW goal for the Residential Sector should be 12,102 kW and the current percent achieved would be 26.6%. The Company will use the corrected Residential Sector kW goal 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).
(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.
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 1st 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	43,424	2,207	5.1%	152	14	8.9%	\$1,694.7	\$203.3	12.0%	47,917	\$ 4.24	\$ 2.99
Large Commercial Retrofit	133,613	1,321	1.0%	234	15	6.2%	\$4,871.1	(\$151.6)	-3.1%	14,471	\$ (10.48)	\$ 6.39
Small Business Direct Install	3,667	612	16.7%	133	11	8.6%	\$282.4	\$51.6	18.3%	4,037	\$ 12.79	\$ 8.29
Commercial & Industrial Multifamily	9,490	289	3.0%	1,611	78	4.8%	\$754.7	\$26.3	3.5%	3,823	\$ 6.88	\$ 6.52
Commercial Demonstration and R&D							\$97.3	\$3.1	3.2%			
Community Based Initiatives - C&I							\$6.4	\$0.9	13.2%			
Finance Costs							\$500.0	N/A	N/A			
SUBTOTAL	190,194	4,429	2.3%	2,131	118	5.5%	\$8,206.6	\$133.6	1.6%	70,248	\$ 1.90	\$ 5.32
Income Eligible Residential												
Single Family - Income Eligible Services	9,368	2,962	31.6%	500	149	29.8%	\$3,285.5	\$741.4	22.6%	59,240	\$ 12.52	\$ 17.54
Income Eligible Multifamily	19,915	480	2.4%	3,000	367	12.2%	\$2,063.3	\$56.0	2.7%	6,474	\$ 8.65	\$ 5.80
SUBTOTAL	29,283	3,442	11.8%	3,500	516	14.7%	\$5,348.8	\$797.4	14.9%	65,714	\$ 12.13	\$ 9.85
Non-Income Eligible Residential												
EnergyWise	68,117	25,987	38.2%	2,710	887	32.7%	\$6,929.5	\$1,835.9	26.5%	586,506	\$ 3.13	\$ 5.45
Energy Star® HVAC	26,064	3,619	13.9%	2,099	348	16.6%	\$1,619.2	\$301.2	18.6%	61,807	\$ 4.87	\$ 10.19
EnergyWise Multifamily	17,208	397	2.3%	2,625	222	8.5%	\$1,978.6	\$43.2	2.2%	5,835	\$ 7.40	\$ 8.24
Home Energy Reports	53,989	24,419	45.2%	135,689	137,133	101.1%	\$436.6	\$132.5	30.4%	24,419	\$ 5.43	\$ 8.09
Residential New Construction	10,907	1,189	10.9%	375	72	19.2%	\$836.9	\$86.8	10.4%	29,731	\$ 2.92	\$ 4.61
Residential Demonstration and R&D							\$81.3	\$0.2	0.2%			
Comprehensive Marketing - Residential							\$69.8	\$2.3	3.3%			
Community Based Initiatives - Residential							\$25.8	\$3.5	13.8%			
SUBTOTAL	176,284	55,612	31.5%	143,498	138,662	96.6%	\$11,977.7	\$2,405.7	20.1%	708,298	\$ 3.40	\$ 6.65
Regulatory												
EERMC							\$233.3	\$20.6	8.8%			
OER							\$233.3	\$37.5	16.1%			
RI Infrastructure Bank							\$429.0	\$0.0	0.0%			
SUBTOTAL							\$895.5	\$58.1	6.5%			
TOTAL	395,760	63,483	16.0%	149,129	139,295	93.4%	\$ 26,428.6	\$ 3,394.8	12.8%	844,260	\$ 4.02	\$ 6.66

NOTES
(1)(4) Targets from Docket 4580 - 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 4580, Attachment 6 Table G-2 (gas).
(8) Year To Date Expenses include Implementation and Evaluation expenses.
Large Commercial Retrofit shows negative spend due to a credit being applied to the program in 2016 for incentives paid out for loans in 2015. Actual incentives paid out in Q1 2016 equal \$21,027.
\$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		
	FB				
(1)	2016 Funds Available	\$14,115,728	(1)	2016 Funds Available	\$2,242,136
(2)	2016 Loan budget	\$11,000,000	(2)	2016 Loan Budget	\$2,870,000
(3)	Committed	\$2,833,902	(3)	Committed	\$523,144
(4)	Paid	\$584,387	(4)	Paid	\$934,328
(5)	Number of loans	15	(6)	Participants	270
(6)	Participants	7	(7)	<u>Savings (MWh)</u>	<u>3,516</u>
(7)	<u>Savings (MWh)</u>	<u>1,869</u>	(8)	Available	\$1,412,528
(8)	Available	\$7,581,711			
 Rhode Island Public Energy Partnership (RI PEP)			 C&I Gas Revolving Loan Fund		
(9)	2016 Funds Available	\$993,365	(1)	2016 Funds Available	\$1,682,732
(10)	Committed	\$339,487	(2)	2016 Loan budget	\$1,600,000
(11)	Paid	\$205,285	(3)	Committed	\$230,172
(12)	Repayments	\$78,963	(4)	Paid	\$442,861
(13)	Participants	2	(6)	Participants	5
(14)	<u>Savings (MWh)</u>	<u>769</u>	(7)	<u>Savings (MMBtu)</u>	<u>1,006</u>
(15)	Available	\$527,557	(8)	Available	\$926,968

Notes

- 1 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.
- 2 Budget adopted by Sales Team for 2016 operations. Budget includes projections of repayments made during 2016.
- 3 As of March 31, 2016
- 4 As of March 31, 2016
- 5 As of March 31, 2016
- 6 Unique customer names for large business and unique customer accounts for small business (not adjusted for net-to-gross).
- 7 As of March 31, 2016
- 8 Available funds as of March 31, 2016 not including repayments.
- 9 Funds available as of January 1, 2016
- 10 As of March 31, 2016
- 11 As of March 31, 2016
- 12 As of March 31, 2016
- 13 As of March 31, 2016 - 2 entities with 9 applications.
- 14 As of March 31, 2016
- 15 Available funds as of March 31, 2016

Table 4
2016 RGGI Budget and Spend

Initiative	2016 Budget	Spend
RI Public Energy Partnership Incentives	\$ 600,000	\$ -
Residential Delivered Fuels	\$ 1,300,134	***
Agricultural Delivered Fuels	\$ 255,446	\$ 3,320
Heat Pump Study	\$ 175,585	\$ 5,025
Total	\$ 2,331,165	\$ 8,345

Notes

1. *** As of March 31, 2016 National Grid spent \$552,485 on Residential Delivered Fuels from the EnergyWise Single Family Electric budget since RGGI funds were not yet received. This is currently shown as an expense in Table 1 under the EnergyWise Single Family Electric program. Once the Company receives the RGGI funds it will credit the \$552,485 back to the EnergyWise program.
2. 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.
3. 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.