

Rhode Island Energy Efficiency

Second Quarter 2021 | National Grid

August 12, 2021

Overview

National Grid's energy efficiency programs continued to deliver energy savings for Rhode Island customers by achieving 327,411 net lifetime MWh of electric savings (25.4% of the net lifetime goal) and 1,451,133 net lifetime MMBtu of natural gas savings (35.6% of the net lifetime goal) while continuing to address the challenges faced due to the COVID-19 pandemic.

For the electric EnergyStar HVAC program, an interactive video email was sent to 31,784 electric heating customers promoting high efficiency heat pumps and heat pump water heaters. 604 calls came into the customer contact center during the second quarter (193 in April, 176 in May and 235 in June), as well as 30 emails to the program inbox. The data indicates an increase in the number of calls in June after the video email was sent.

Home Energy Report 3.0 is a refreshed version of the home energy reports and was distributed to customer in print and by email in April. This refresh is designed to keep customers engaged in behavioral energy efficiency. Colors have been refreshed and language has moved from a neighbor comparison to similar homes.

The Company continues to engage the RI school districts that are in the early design phases for new/renovated buildings. This quarter, Brown University signed on to the program's ZNE path (Path #1) for two dorm buildings. Company engagement with this project dates back to fall 2019 and has recently included multiple meetings with Brown and the design team to ensure that program requirements were understood and attainable.

2021 Program & Initiative Updates – Q2

Residential New Construction (RNC)

The Residential New Construction (RNC) program achieved 8,406 net lifetime MWh of electric savings (46.5% of the lifetime goal) and 12,015 net lifetime MMBtu of gas savings (14.1% of the lifetime goal) through the second quarter of 2021.

The program completed 199 housing units this quarter and enrolled 297 more customer residences in the program. Of the 199 customer residences completed, 137 (69%) used electric heat and 37 (19%) had gas heat, demonstrating high demand for new construction homes with electric heat. 187 (94%) of completed residences were new construction/gut rehabs while 12 were renovations. One unit was certified as meeting U.S. DOE's Zero Energy Ready Home standard, and an additional 212 units of Zero Energy Ready homes are in the program pipeline as of the end of the quarter.

Challenges and Responses

Pricing for certain materials (including lumber) has skyrocketed due to COVID-19, and there have been shortages of equipment such as heating systems and windows. While these factors have delayed construction schedules, the high demand for housing means these delays should be temporary and should not cause long term issues.

Customer Highlight

Rhode Island's first Passive House certified renovation was completed this quarter.



Income Eligible Services (IES)

The National Grid Income Eligible Services program achieved 7,981 net lifetime MWh of electric savings (21.6% of the lifetime goal) and 46,760 net lifetime MMBtu of gas savings (23.3% of the lifetime goal) through the second quarter of 2021.

Field operations with COVID precautions continued in the second quarter with all six CAP agencies providing in-home services. Two CAPs continued virtual services at the request of their customers.

The second quarter IES Best Practice meeting was held virtually on June 3rd. This meeting focused on 2021 program delivery updates, COVID-19 updates, and the Third-Party Referral Program, including Enhanced Referrals and a marketing update.

The KPI process was continued in the second quarter to improve communications between CAPs and the Lead Agency. KPI meetings were held with each CAP, the Company's lead vendor and at least one RI Department of Human Services (DHS) representative. These meetings ensure that the CAPs are aware of their KPI goals, their pace to meet the goals and provide a dedicated time for constructive dialog.

Two CAP Executive Director Meetings were held in the second quarter on May 5th and June 23rd. These meetings included most CAP Executive Directors, National Grid, RI DHS, and the lead vendor and focused on performance, challenges/opportunities, customer communications, sharing of consistent information across all CAPs and opportunity for open discussion.

In the second quarter, Lead Vendor staff participated in Technical Working Group meetings (IES Deep Dive), the WAP Policy Advisory Council Meeting for the State of Rhode Island PY 2021 WAP plan, and the IREC Green Building Career MAP launch.

Challenges and Responses

Staffing at the CAPs continues to be a challenge to IES Program implementation. Customers wary of COVID-19, children schooling from home, and many more issues are stretching the time needed for each step in the IES process. National Grid IES is implementing several approaches to reducing the impact of these barriers:

- Contracting for additional auditors providing freelance audit services to the agencies.
- The Referral program where customers interested in weatherization services are referred by the CAP agencies to third party audit and implementation services provider.
 - 90 leads referred in 2020, eight completions through Q2
 - 13 leads referred in 2021, four complete through Q2

- The Enhanced Referral program where completed audits are referred by the CAP agencies to third party implementation services.
 - Seven audits referred through Q2
- RIBA Auditor & Installer program was developed in the first quarter and refined in the second quarter to provide equity-based training & certification to local unemployed or underemployed people, providing skills to participate in all facets of the green energy economy. The Rhode Island Builders Association, Comprehensive CAP, TriCounty CAP, along with CLEAResult, are leading this effort.
- Virtual AMPs have slowed but continued with over 1,700 virtual AMPs completed since the program's inception.

Agency Audit Staffing:

- Blackstone Valley Community Action Agency – 3 Auditors
- CAP of Providence – 4 Auditors
- Comprehensive Community Action Agency – 5 Auditors
- East Bay Community Action Agency – 3 Auditors
- TriCounty Community Action Agency – 7 Auditors
- Westbay Community Action Agency – 7 Auditors (3 of 7 in training)
- Contract Auditors – 3 Auditors

Customer Highlight

A sampling of customer feedback from customer comment cards:

“I'm on SSDI and I am grateful for the services.”

“The gentlemen that came were wonderful. Very nice, helpful and professional.

Everyone was very helpful & very polite. You should be proud of your employees.”

“They were very professional and complete. Never seen so many people work together so professionally. Thank you!” – program participant from Hope, RI discussing Weatherization Services provided by TriCounty CAP

EnergyWise Single Family

The EnergyWise Single Family program achieved 10,157 net lifetime MWh of electric savings (70.6% of the lifetime goal) and 352,142 net lifetime MMBtu of gas savings (73.9% of the annual goal) through the second quarter of 2021.

Through the second quarter of 2021, EnergyWise is serving robust customer interest. Gas program spend is at 96% of planned budget with electric spend at 68% of the planned budget. Savings are 74% and 71% respectively.

Customer pipeline is strong with estimated customer spend forecast at 200% for the gas program and 135% for the electric program. Through June, 5,439

assessments have been completed and 2,797 weatherizations. In 2019, the largest production year prior to 2021, 5,000 weatherizations were completed.

EnergyWise is experiencing this once in a generation program response for a multitude of reasons.

- 2020 COVID-19 factors – A program stoppage in 2020 resulted in both a backlog of customers and a reduction in the insulation contractor workforce. On the workforce side, contractors saw furloughed employees move to other job opportunities and did not return when the programs again resumed serving customers. Insulation business owners were also conservative in staffing back up since the pandemic outlook was uncertain and the goal was to minimize layoffs in case of another shut down.
- There were also challenges with working during the pandemic. Crews that were exposed to the COVID-19 virus were quarantined for two-weeks removing entire crews from the workforce.
- The Company supported the workforce by producing a strong pipeline of projects illustrating availability of work for a growing contractor market and continued to communicate the strength of the programs.
- In order to create the robust customer pipeline, the 100% weatherization incentive was used in 2020. Those incentives are still honored in 2021 as the workforce continues to expand and pre-weatherization barriers are addressed.
- The rollover of the 100% incentive is creating a gap between savings and spending, particularly within the gas weatherization portfolio where the bulk of gas offerings are weatherization. With 2021 budgets level funded to 2020 levels, planning used a 75% incentive estimate, so the number of customers served did not decline. This is impacting savings while the 100% 2020 offers are still honored in 2021. The savings impact is not as dramatic on the electric side of the portfolio where there are more electric savings measures installed during the assessment.
- Customer interest in renovation cannot be ignored during this period. All building trades from workforce through supply chain are experiencing shortages and customers are familiar with long lead times for renovation work. For homeowners that remained employed and worked at home, upgrades became a priority instead of vacations and the program is adapting to the surge in interest.

Customers appear to be interested in receiving assessments with two-thirds preferring an in-person assessment over a virtual assessment.

Challenges and Responses

In mid-June, the weatherization incentive for the program was reduced to 50% so resources and customer demand could be better aligned. The customer uptake of weatherization will be observed for the remainder of 2021 and will inform incentive levels for 2022. The overspend on EnergyWise is large

enough on the gas side that the portfolio budget spend will trigger regulatory notification. The Company has verbally notified the EERMC and the Division of the PUC with the potential for overspend and forecasts of 2021 year-end spending. At the July EERMC meeting, there was to be a vote whether to support continued spending of EnergyWise. This vote will be moved to August meeting since the July meeting did not achieve quorum requirements.

Customer Highlights

Customers are surveyed after both the initial assessments and subsequent weatherization work. Customers consistently rank their satisfaction at or above 97%. Customers are generally pleased with the upgrades provided during the assessment and impressed with the professionalism and care taken by the insulation contractors.

A sampling of customer feedback from customer satisfaction surveys follow:

- “We had a very professional and very polite inspector, we also learned a lot from him.”
- “Your representative arrived timely. He was professional and knowledgeable. He was thorough and friendly. He answered all of my questions. He provided us with a report in a timely matter. His recommendations were reasonable and easy to understand.”
- “This is a great program. Reducing home heating cost is a great way to reduce CO2. Using less energy for cooling too. Waiting time was 9 months to get insulated. I understand construction so I knew what was happening.”
- “The timeline for work was extended out much more than I had anticipated due to the pandemic, but it was very much worth the wait! The insulation has made an enormous difference in my home!”

EnergyWise Multifamily, Income Eligible Multifamily, C&I Multifamily

The EnergyWise Multifamily program achieved 6,222 net lifetime MWh of electric savings (38.2% of the lifetime goal) and 43,586 net lifetime MMBtu of gas savings (29.3% of the lifetime goal) through the second quarter of 2021. The Income Eligible Multifamily program achieved 5,436 net lifetime MWh of electric savings (24.1% of the lifetime goal) and there were 95 net lifetime MMBtu of gas savings (0.0% of lifetime goal) through the second quarter of 2021. The C&I Multifamily program achieved 11,284 net lifetime MMBtu of gas savings (8.0% of the lifetime goal) in the second quarter.

The Company started working on updating and refreshing the Multifamily Program Brochure, HEAT Loan Application, and website pages. These updates are geared to help customers navigate program information with convenience and ease.

Ten energy specialists, project managers, and marketing specialists in both EnergyWise Multifamily and Income Eligible EnergyWise Multifamily programs

completed sales training during the first quarter. The training they received was designed to help them hone their ability to present and explain savings opportunities to customers. The Company received positive feedback from the attendees, quoted below. The Company plans to offer this training on an annual basis.

“I have found Mark Jewell’s Selling in 6 sales training to be very helpful and user friendly. I can listen to one of these shorts courses on my way to work or during a break at the office on my phone. Mark packs a lot of information in these presentations of which I can usually pull out 1 of 2 ideas that I can incorporate in my outreach efforts to the multi-family clients we serve. What I like most is that it’s easy to follow and beneficial across all departments and positions making anyone who listens a better spokesman for promoting the utilities EE services offered each time we interact with our clients and prospects.”

“I have re-listened to them for topics regarding the promotion of MF initiatives for overcoming client objections and strategies to help prospects look at other ancillary benefits of taking advantage of the utilities offerings”

“It is very helpful that we can access them anytime. I find the lessons engaging and something to add to my toolbox when out in the field. They do not try and cram too many things into 1 lesson which I like about the training, easier to retain.”

“Mark packs a lot of information in these seminars and bullets the key take-aways from each lesson. I have found it to be productive and worthwhile as I have worked towards incorporating these strategies in my day-to-day outreach efforts.”

The Company has been continuing to work with the lead vendor of the Non-Participant and Multifamily Census study to review and finalize workplans with customer research starting in the fall of 2021.

The lead vendor has increased their focus on marketing and direct outreach to multifamily customers. They now have a full-time marketing specialist who is focused on these efforts. This has significantly improved participation and diversity of the program, specifically with condos and smaller apartment buildings.

Customer Highlights

Case Study: Coddington Cove Apartments – Navy Housing Site

In an effort to increase outreach and awareness to convey the benefits of the Multifamily program, Coddington Cove Apartments has agreed to be featured in a case study which will illustrate the benefits of various measures that the

customer had installed in addition to the process of going through the program.

The Navy has two additional sites that they are looking to have measures installed through the Multifamily program in 2022.

Challenges and Responses

Since the start of the pandemic there has been a federal moratorium on tenant evictions. Because of this, some landlords and property managers are hesitant to move forward with measures that have co-pays based on the out-of-pocket resources needed.

There has been an uptick in opportunities to serve smaller multifamily buildings, specifically for the Income Eligible Multifamily program. For custom measures in particular, some projects are not passing the benefit cost ratio (BCR) where the cost to install the measures is greater than the savings to be claimed. In order to achieve the savings goals for 2021 and best serve these customers, the Income Eligible Multifamily budget will likely be impacted.

ENERGYSTAR® HVAC (Heating and Cooling)

The ENERGYSTAR® HVAC (Heating and Cooling) program achieved 26,528 net lifetime MWh of electric savings (51.7% of the lifetime annual goal) and 254,940 net lifetime MMBtu of gas savings (38.2% of the lifetime goal) during the second quarter of 2021.

The HVAC Electric Program launched the new HVAC Check reporting portal version 2.0 in Q1 and it was widely adopted by many of the program approved contractors during Q2. This new portal offers improved functionality for the HVAC contractors to report and track their HVAC Check tests and results.

Nine remote half-day HVAC Check trainings were held during the second quarter to provide both refresher courses and new trainings for a total of 73 HVAC technicians. Additionally, three one-hour training webinars were developed and held for contractors during Q2 of 2021.

- Introduction to Load Calculations (Manual J) - 13 technicians from ten companies (including three one-on one sessions);
- Introduction to Duct Design (Manual D) - five technicians from five companies;
- HVAC Check 2.0 Software (new reporting software for 2021) - three sessions with seven companies attendings.

HVAC Check testing must be done in warm weather, so the volume of HVAC Check tests completed in Q2 increased from Q1. A total of 89 tests were completed in Q2. Onsite Quality Control (QC) inspections were performed on recently installed heat pumps.

Rhode Island 2021 HVAC mid-year program updates were presented to the HVAC stakeholders and trade allies on June 16th in a virtual meeting attended by approximately 50 participants. The event included presentations on program incentives and updates on National Grid’s HVAC efficiency offers in Rhode Island.

The Enhanced Heat Pump Rebates for Residential Oil or Propane Heating Customers launched on March 1st and activity ramped up in the second quarter. 18 customers were served, 26 systems were installed, and five loans were processed. Over 120 additional projects are in the process of being installed or scheduled.

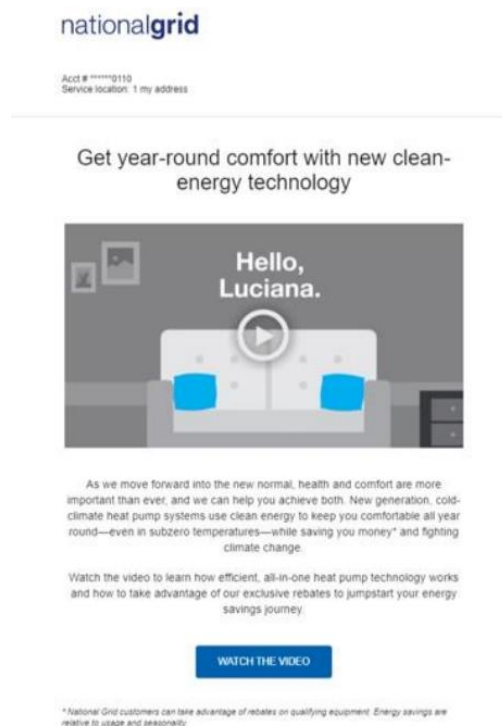
There are currently 81 Rhode Island HVAC program-approved contractors that have participated in the HVAC Check or MS Check training and testing process. The H&C team followed up with all contractors to ensure that the required training and testing had been done in order to be eligible to be listed on the updated Approved Contractor list that will be posted in July. This resulted in an increase in tests performed in June, which will carry over into July.

In early June, National Grid’s marketing team sent an interactive video email to 31,784 electric heating customers promoting high efficiency heat pumps and heat pump water heaters. 604 calls came into the customer contact center during Q2 (193 in April, 176 in May and 235 in June), as well as 30 emails to the program inbox. The data indicates an increase in the number of calls in June after the video email was sent.

The HVAC Gas Program invited distributors, gas equipment factory representatives and contractors were to a program update meeting on June 16th to provide Program update and to promote the 2021 Gas HVAC incentives.

Challenges and Responses

The electric HVAC program is primarily driven by installation and testing that is generally completed during warmer weather. Early spring remained quite cool which prevented testing until later in the season than usual. In response to this late start to the testing season, staff spent time recruiting new contractors and continued to focus on training and education of the contractors to prepare them for the coming installation and testing season. We also conducted the mid-year trade ally meeting in late



June to reinforce program features and benefits. Updating the Approved Contractor list created significant early season production, with over 200 tests reported in the new software. In addition, all the previous year (2020) new installations loaded into the previous software were successfully transferred into new HVAC Check 2.0 software for simplified data entry during the second quarter.

Customer Highlight

The Program received the following feedback from Lawrence Air Systems Inc. a Barrington-based HVAC contractor with a request to provide training at MTTI, a technical career training school based in Seekonk MA and East Providence.¹

“I have been teaching night classes at MTTI for about six months now. We like to bring in outside instructors every once in a while that have a specific specialty. Your AC check class is probably one of the best trainings that I have been to on proper refrigerant charging. Would you be interested in cycling through the school periodically after the students have completed the AC curriculum?”

ENERGYSTAR® Lighting and Residential Consumer Products

The ENERGYSTAR® Lighting program achieved 13,712 net lifetime MWh of electric savings (51.2% of the lifetime goal) and the Residential Consumer Products program achieved 17,436 net lifetime MWh of electric savings (45.7% of the lifetime goal) during the second quarter of 2021.

2021 is the final year of the ENERGY STAR® lighting program. In preparation for smooth culmination of program activities, all incentives will conclude on September 30th to allow for adequate time for final invoicing.

In June, a direct mail campaign promoted refrigerator and freezer recycling. There was also a cross promotion mailer sent out in July to classic homes that cross promoted weatherization, low-E storm windows, and refrigerator and freezer recycling.

¹ <https://www.mtti.edu/programs/hvacr-technician>



Add some modern efficiency to your home's classic style with insulation and air sealing.

We can help you save 75% or more off approved insulation and air sealing, up to \$15,000. This could be a significant savings for you, considering the average cost of home weatherization in Rhode Island is over \$4,200. Not only will this help you save money and energy, it makes your home more comfortable, too.

▶ **To get started, schedule a no-cost Virtual Home Energy Assessment by dialing #250 from your cell phone and saying the keyword "classic home."****

Learn more at ngrid.com/classichome

**You'll have the option to receive a one-time, auto-dialed text message from iHeartMedia. These programs are funded by the energy-efficiency charge on all customers' gas and electric bills, in accordance with Rhode Island law.

Have an old fridge you'd like to recycle?


Your old fridge or freezer could be costing you up to \$150 a year in energy costs. If you're looking to save money and energy, while protecting the environment, our Appliance Recycling Program can help. We'll safely remove and responsibly recycle your old fridge or freezer at no cost. As a thank you, we'll send you \$50.

▶ **To schedule a safe pickup, dial #250 from your cell phone and say the keyword "fridge pickup."****

Learn more at ngrid.com/fridgepickup

**You'll have the option to receive a one-time, auto-dialed text message from iHeartMedia. These programs are funded by the energy-efficiency charge on all customers' gas and electric bills, in accordance with Rhode Island law.





Protect your valuable historic windows with energy-efficient low-e storm windows.

We want to help you keep your home looking beautiful and feeling comfortable with ENERGY STAR® certified low-e storm windows. They are a proven way to keep your home warm in the winter and cool in the summer—all at a fraction of the cost of replacement windows. To help you save even more, we're offering a \$25 rebate for every window installed in your home.

▶ To learn more about the benefits of low-e storm windows and our rebate program, dial #250 from your cell phone and say the keyword "window."*

Learn more at ngrid.com/window

*You'll have the option to receive a one-time, auto-dialed text message from iHeartMedia. These programs are funded by the energy-efficiency charge on all customers' gas and electric bills, in accordance with Rhode Island law.

Additional marketplace campaigns in July included promotion of window air conditioning and dehumidifiers.

Home Energy Reports (HER)

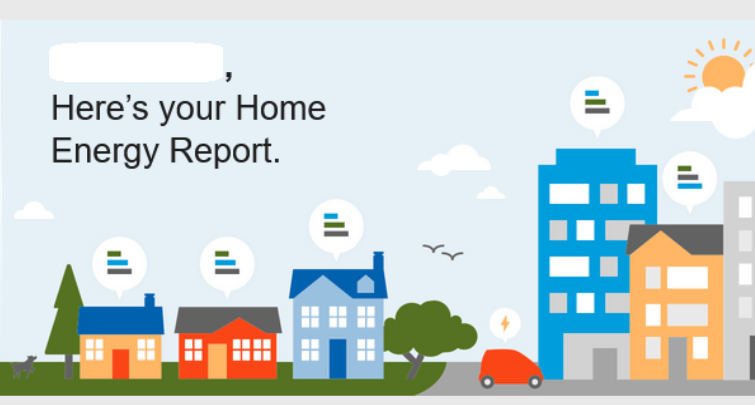
The Home Energy Reports program achieved 14,563 net lifetime MWh of electric savings (54.2% of the lifetime goal) and 44,270 net lifetime MMBtu of gas savings (47.3% of the lifetime goal) during the second quarter of 2021.

A refreshed version of the home energy reports was distributed to customer in print and by email in April. This refresh, Home Energy Report 3.0, is designed to keep customers engaged in behavioral energy efficiency. Colors have been refreshed and language has moved from a neighbor comparison to similar homes.

Challenges and Responses

Gas Home Energy Reports is forecasting to come in below goal by year-end. Discussions have already occurred to implement strategies that will maximize gas savings. Refill waves were added to increase savings but may have limited impact on the gas side since more than half of the heating year has concluded.


nationalgrid
Account #**



Here's your Home Energy Report.


Your energy use at a glance

May 7 - Jun 7, 2021



Great job being efficient! The energy you save helps both you and the environment.

How you compare to others



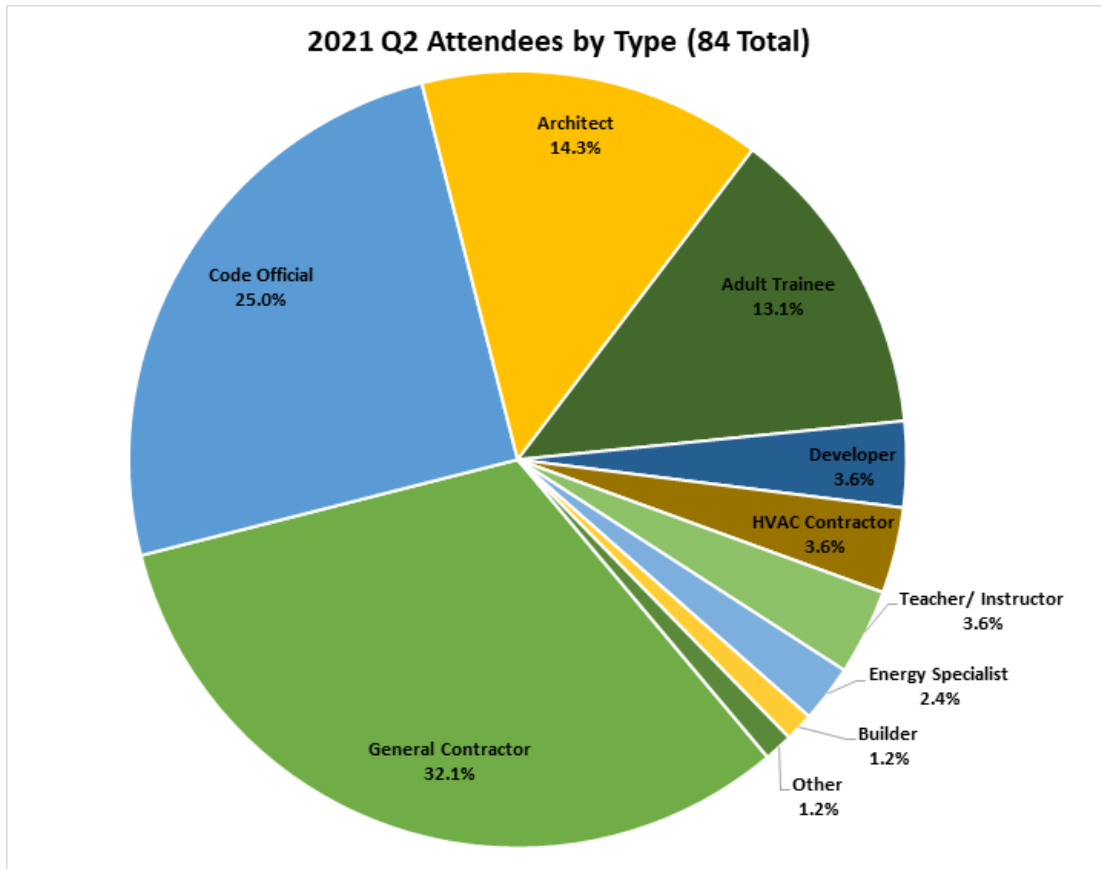
- **You:** 1548 units
- **Efficient homes:** 2371 units
- **Similar homes:** 3744 units

A unit is a combined measurement of electricity (kWh) and gas (therms) use. Efficient homes represent the 20% of similar homes in your comparison group that used the least energy this period. To create this group, we look for 100 single-family homes in your area with a similar heating source and square footage.

Need to update your home profile?
[Go to the Home Energy Survey.](#)

Code Compliance Enhancement Initiative (CCEI)

10 training events engaging 89 industry stakeholders were held during this quarter. Eight of these events were trainings focused on residential construction (84 attendees), and two circuit rider project site trainings engaged five attendees.



Q2 Training Participants – Attendees by Type

Training: CCEI continued to leverage industry partnerships to create and maximize training opportunities in the residential sector. CCEI continued to deliver energy code trainings as part of RIBA’s Contractor Training & Development Program, including one session delivered each month. The program also continued to partner with the Governor’s Real Jobs/Back to Work Initiative targeting new entrants to the construction industry. CCEI also delivered multiple training sessions to the RI Building Officials Association and the RI Association of REALTORS, of which all were pre-approved for the relevant continuing education units.

New Workforce Development Partnerships: This quarter, CCEI developed new partnerships with Groundwork Rhode Island and the Residential Construction Workforce Partnership. In both cases, CCEI is providing energy code related training modules as part of larger efforts to upsize and upskill the energy efficiency and green building industries.

Challenges and Responses

CCEI continues to deliver a full suite of interactive webinars while public health guidelines continue to limit in-person trainings. CCEI will consider resuming in-person activities later this year.

Large Commercial New Construction

The Large Commercial New Construction program achieved 91,118 net lifetime MWh of electric savings (48.1% of goal) and 300,291 net lifetime MMBtu of gas savings (68.7% of goal) through Q2 of 2021.

Schools Engage in New Zero Net Energy (ZNE) Program Pathway: The Company continues to engage the RI school districts that are in the early design phases for new/renovated buildings. This quarter, Brown University signed on to the program's ZNE path (Path #1) for two dorm buildings. Company engagement with this project dates back to fall 2019 and has recently included multiple meetings with Brown and the design team to ensure that program requirements were understood and attainable.

The program also continues to engage and advance projects through the other three program pathways in the new program structure introduced last quarter. These projects represent a variety of building types including schools, a large developer-owned tower in Providence, and several multi-building projects in Pawtucket.

Challenges and Responses

Large new construction projects take a significant amount of time to engage and influence in general. COVID-related financial and supply chain disruptions extend the already lengthy construction timeline for these projects, which further increases the total amount of engagement needed over the lifetime of each of these large projects.

Large Commercial Retrofit

The Large Commercial Retrofit program achieved 79,111 net lifetime MWh of electric savings (10.6% of goal) and 370,848 net lifetime MMBtu of gas savings (25.5% of goal) through Q2 of 2021.

Industrial Initiative: An industrial customer installed a fume mitigation system to reduce energy use by 1,217 gross annual MWh. The project involved 83 primary fans and 38 assist fans to help meet the RIDEM indoor air quality requirement of removing at least 70% of air contaminants.

Telecommunications Initiative: Six assessments have been completed and two have been delivered to internet/cable television providers. One of these reports was delivered to a nationwide company with two locations.

EnergySmart Grocer Initiative: A national chain grocer installed coffin case freezers with glass lids and self-contained medium temperature case with doors across 12 locations in Rhode Island, yielding 93 gross annual MWh in savings.



A national wholesale club installed e-commerce cases in three of its Rhode Island locations: Coventry, Johnston, and Middletown. In total, the project saved a total of 19.9 gross annual MWh.

Challenges and Responses

Below are concerns highlighted by the Company's EnergySmart Grocer vendor partner.

"Customers are focused on developing or maintaining e-commerce strategies and are concerned with supply shortages caused by the pandemic. Spending is closely monitored after last year's expenditures to pivot with the pandemic. Budgets are only being released in stages."

Small Business Direct Install

The Small Business Direct Install program achieved 46,741 net lifetime MWh of electric savings (44.5% of goal) and 14,901 net lifetime MMBtu of gas savings (30.5% of goal) through Q2 of 2021.

Enhanced reporting

The Company will be reporting the number of gas weatherization projects and the number of LED retrofit kits and luminaires with controls in 2021 to show National Grid's progress in these priority areas.

There were no gas weatherization projects in Q2 2021. One was under process but had not been completed by the close of Q2.

The table below shows the numbers of luminaires and retrofit kits with controls for Q2 compared to Q1 2021 and 2020.

# Luminaires			# Luminaires with controls		
All 2020	13,032		All 2020	149	
Q1 2021	3,425		Q1 2021	25	
Q2 2021	2,537		Q2 2021	94	

# Retrofit kits			# Retrofit kits with controls		
All 2020	17,260		All 2020	450	
Q1 2021	4,372		Q1 2021	125	
Q2 2021	2,357		Q2 2021	118	

Equity Note

RISE developed marketing collateral for Woman and Minority owned businesses. Dorinda Keene with the Minority Business Compliance Office sent this collateral to 752 businesses. One project has been completed and RISE is following up on leads generated.

Customer Highlights

The program completed an installation of wirelessly controlled LED fixtures with program grouping capabilities and occupancy sensors for an insurance company. These luminaires are projected to save 169 net annual MWh per year.

A diner in East Greenwich was also served by the program. LED fixtures were installed inside and outside. Gas saving measures such as kitchen aerators, pipe insulation, and ductwork insulation to ducts running through unconditioned spaces. This customer will save five net annual MWh per year and 42 net annual MMBtu per year.

The program completed a project that residential and day services to individuals with developmental disabilities. LED luminaires were installed as well as WiFi thermostats with temperature sensors help the customer balance the temperature throughout the heating space. The customer is expected to save 105 net annual MWh per year.

Evaluation, Measurement, and Verification

The following study was completed in Q2 of 2021:

- The *2021 Residential Gas Peak Demand Study* quantified, by end use for single family, the percentage of demand that occurs during a natural gas peak demand day. This information can be used to convert annual energy savings into a specific gas peak demand value by multiplying the energy savings by this percentage factor and would provide an

estimate of how much National Grid's energy efficiency programs are helping to offset the nature gas usage on the highest usage peak day.

Customer Initiatives

The Company continued to work with its new partner on the launch of its Telecom initiative. Six evaluations have been delivered to customers. Two of these reports were delivered to a major telecom provider with two locations.

Community Initiatives

In Q2, East Providence continued to work through a menu of options in order to earn a subsequent incentive of up to \$20,000 if all goals are achieved. The performance period completed at the end of April 2021, and the East Providence successfully reached the goals and will be awarded the full \$20,000. The East Providence team is working with National Grid's Municipal Energy Specialist to identify potential energy efficiency specialist for a project that will benefit the community.

In the first half of 2021, the Company continued its work with Quonset Development Corporation (QDC) under a three-year memorandum of understanding to provide businesses at the Quonset industrial park. This includes access to enhanced incentives and technical services to identify and implement energy efficiency projects. This included two energy efficiency trainings for Quonset customers to expand program participation.

Challenges and Responses

Due to the COVID-19 pandemic, and the need for East Providence to focus on pandemic issues as well as vaccine distributions, the timeframe for this initiative was extended through April 30, 2021.

Connected Solutions

During the month of June, the Company called two Target Dispatch events. The number and frequency of events is expected to substantially increase during the 3rd quarter. 76 customers have signed up for the solar inverter power factor demonstration.

Rhode Island Pilots, Demonstrations and Assessments

PDA Name	Q2 2021 Updates	
<u>New Air Sealing & Insulation - Demonstration - Resi</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Contacted manufacturers and interviewed for pricing, performance, and best fit customers. Screened the updated values with our benefit-cost model, and currently working with delivery channels to identify applicable customer sites.
	Next steps	Finding appropriate sites, recruiting customers.
<u>Solar Inverter DLC - Demonstration - Resi</u>	Date	7/8/2021
	Stage	Demonstrate
	Recent Activity	Enrolled customers into the program to have their solar inverters settings updated to improve power quality. Have successfully updates customer-owned solar inverter settings through our DERMS. Have contracted a 3rd party evaluator to verify and quantify savings.
	Next steps	Gather data from substations and solar inverters to quantify savings and complete 3rd party evaluation.
<u>Pre-Fab Energy Retrofit - Assessment - Resi</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Engaged consultant to provide further research and insights into assessment topics. Review and rough cost effectiveness tests of RetrofitNY projects, ongoing MA project, and projects from the Triple Decker Challenge from MassCEC. While projects are likely not cost effective under RI screening rules, aspects of the projects may work within the RI programs.
	Next steps	Deeper discussion with MassCEC on the Triple Decker Challenge to understand how certain aspects of the MA designs can be leveraged in RI.
	Date	7/8/2021
	Stage	Develop or Demonstrate

<u>Gas HPs - Demonstration - Resi</u>	Recent Activity	Evaluated residential-scale gas heat pump vendors; almost none with commercial availability. The sole residential-scale manufacturer with products available for field deployment is SMTI; the manufacturer offers a space heating solution and is developing a prototype DHW solution. Currently discussing customer fit and possible demonstration project details with the manufacturer.
	Next steps	Determining project details between space heating and DHW, determining how many sites, and contacting a third-party vendor for evaluation.
<u>HVAC Lighting Controls Plus - Demonstration - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Working with sales team and Slipstream to move forward on two strong candidates for participation in the demonstration.
	Next steps	Customer recruitment and project initiation.
<u>Kitchen Exhaust - Demonstration - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Worked with National Grid marketing team to send out email blast to help recruit customers. Currently vetting interested customers for eligibility. Determined the energy recovery product will not be available for installation due to manufacturing delays.
	Next steps	Complete vetting of customers interested in the electrostatic filtration product. If customers are not a good fit the recruitment will end and the demonstration closed out.
<u>Enzyme-based HVAC Coil Cleaning - Demonstration - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	We have contacted the enzyme cleaning technique vendor and determined appropriate customer types and cooling system sizes. National Grid Sales reps in RI have contacted hospital and higher education customers, currently identifying the specific sites to be cleaned.
	Next steps	Contacting the third-party M&V vendor to develop a specific project metering proposal, then working with the vendor to perform the cleaning process at the sites.
<u>Refrigeration Leak Survey & Repair - Assessment - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate

	Recent Activity	Completed discussions with policy team on how to value direct GHG savings associated with refrigerant leak repair. Determined that the benefits are eligible to claim as benefits, but should be estimated and tracked as an NEI. Working with CLEAResult on a possible demonstration project.
	Next steps	Provide vendors and internal engineers a guide on how to consider and claim direct GHG savings for custom projects. Continue discussions with CLEAResult on possible demonstration project.
<u>Gas DR - Pilot - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	2020/21 season closed with incentives issued to participating customers.
	Next steps	Program design updates and sales outreach for 2021/22 season.
<u>Gas HPs - Demonstration - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Given problematic performance and cost-effectiveness issues with gas absorption heat pump technology at commercial-scale sites (as mentioned), screened compression-driven gas engine heat pumps typically used for commercial settings (though typically with larger customers). Interviewing gas engine heat pump manufacturers for a fit with smaller commercial customers typically underserved by gas heat pumps.
	Next steps	Interviewing gas engine heat pump manufacturers to determine applicability with small- to mid-size commercial customers.
<u>HVAC Automation for DR - Assessment - C&I</u>	Date	7/8/2021
	Stage	Plan
	Recent Activity	HVAC controls vendors have been unresponsive to interview requests; identifying further stakeholders in HVAC curtailment ecosystem to provide further input for the assessment as well as continuing reach-out to other HVAC controls vendor contacts.
	Next steps	Continue interviewing while expanding interviewee scope, compile report of findings.

<u>Shared Laundry Facilities - Assessment - MF</u>	Date	7/8/2021
	Stage	Plan
	Recent Activity	No activity
	Next steps	Background research- summary of similar programs in other territories, upstream laundry initiatives, and Esource research.
<u>SEM/CEI - Demonstration - C&I</u>	Date	7/8/2021
	Stage	Demonstration
	Recent Activity	Starting on the week of June 21st, Cascade Energy, began in-person visits to the participants facilities to conduct the second treasure hunt. During the treasure hunts, the customer and Cascade Energy search the customers facility looking for opportunities for energy efficiency. The ideas from the treasure hunt are then aggregated and ranked by priority.
	Next steps	The customer and Cascade Energy will develop a plan to address the issues that were identified through the treasure hunt.
<u>Submetering to Support EE - Assessment - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Completed vendor interviews and interview with customer who has already participated in the MBCx program. Working with CEM teams in MA and RI on program redesign proposal for the MBCx ESPO offering. Review proposal with internal engineers and EM&V and discussed vendor and project requirements for savings estimates and project documentation. Ongoing discussions about vendor and project qualification requirements with expert at Lawrence Berkley National Labs.
	Next steps	Compile qualifications list for potential service providers. Develop guidebook for project implementation and program participation.
<u>Smart Valves for Chilled Water Systems - Demonstration - C&I</u>	Date	7/8/2021
	Stage	Develop or Demonstrate
	Recent Activity	Complete first customer installation. Begin M&V activity. Reach out to sales teams for customer leads.
	Next steps	Continue M&V and customer recruitment.

NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND

Table 1: Summary of Electric 2021 Target and Preliminary 2nd Quarter Results

ELECTRIC PROGRAMS Sector and Program	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(18)	(13)	(14)	(15)	(19)	(16)	(17)
	Demand Reduction (Annual kW)			Energy Savings (Annual MWh)			Customer Participation			Expenses (\$ 000)				Energy Savings (Lifetime MWh)				\$/Lifetime 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	Year End Forecast	Target	Year to Date	Pct Achieved	Year End Forecast	Target \$/kWh	Year to Date
Commercial and Industrial																			
Large Commercial New Construction	1,856	638	34.4%	11,837	6,186	52.3%	145	65	44.8%	\$ 8,188.2	3,871.5	47.3%	96.8%	189,441	91,118	48.1%	117.6%	\$ 0.043	\$ 0.042
Large Commercial Retrofit	11,648	1,166	10.0%	59,496	7,703	12.9%	2,882	1,544	53.6%	\$ 31,565.2	5,318.1	16.8%	90.6%	744,562	79,111	10.6%	84.3%	\$ 0.042	\$ 0.067
Small Business Direct Install	1,134	633	55.8%	9,696	3,790	39.1%	571	223	39.0%	\$ 8,883.6	2,659.2	29.9%	100.0%	105,134	46,741	44.5%	110.0%	\$ 0.084	\$ 0.057
Commercial ConnectedSolutions										\$ 2,990.1	79.4	2.7%	100.0%						
Community Based Initiatives - C&I Financing										\$ 74.5	0.0	0.0%	100.0%						
										\$ 5,000.0	0.0	0.0%	100.0%						
SUBTOTAL	14,638	2,437	16.6%	81,029	17,680	21.8%	3,598	1,832	50.9%	\$ 56,701.6	11,928.2	21.0%	94.3%	1,039,136	216,969	20.9%	93.0%	\$ 0.055	\$ 0.055
Income Eligible Residential																			
Single Family - Income Eligible Services	457	164	35.9%	3,120	1,016	32.6%	3,412	2,468	72.3%	\$ 12,846.1	3,345.3	26.0%	100.0%	36,909	7,981	21.6%	100.0%	\$ 0.348	\$ 0.419
Income Eligible Multifamily	70	32	45.0%	1,554	350	22.5%	3,600	176	4.9%	\$ 3,549.0	416.2	11.7%	100.0%	22,545	5,436	24.1%	100.0%	\$ 0.157	\$ 0.077
SUBTOTAL	527	196	37.1%	4,674	1,365	29.2%	7,012	2,644	37.7%	\$ 16,395.1	3,761.5	22.9%	100.0%	59,454	13,417	22.6%	100.0%	\$ 0.276	\$ 0.280
Non-Income Eligible Residential																			
Residential New Construction	66	58	88.3%	979	407	41.6%	417	334	80.1%	\$ 1,611.3	441.9	27.4%	99.7%	18,088	8,406	46.5%	100.0%	\$ 0.089	\$ 0.053
ENERGY STAR® HVAC	204	79	38.6%	3,181	1,560	49.0%	5,037	2,740	54.4%	\$ 3,487.8	1,655.9	47.5%	100.0%	51,309	26,528	51.7%	117.1%	\$ 0.068	\$ 0.062
EnergyWise	445	383	86.2%	2,841	2,394	84.3%	11,223	8,186	72.9%	\$ 15,692.2	10,735.5	68.4%	134.9%	14,385	10,157	70.6%	135.0%	\$ 1.091	\$ 1.057
EnergyWise Multifamily	158	138	87.1%	1,240	859	69.3%	3,600	630	17.5%	\$ 2,804.3	684.3	24.4%	100.0%	16,307	6,222	38.2%	100.0%	\$ 0.172	\$ 0.110
ENERGY STAR® Lighting	1,872	1,038	55.4%	11,533	6,500	56.4%	68,164	36,820	54.0%	\$ 5,274.8	1,887.8	35.8%	87.9%	26,801	13,712	51.2%	90.0%	\$ 0.197	\$ 0.138
Residential Consumer Products	1,019	456	44.8%	5,926	3,018	50.9%	33,111	25,974	78.4%	\$ 2,681.2	1,094.7	40.8%	100.0%	38,130	17,436	45.7%	103.0%	\$ 0.070	\$ 0.063
Home Energy Reports	3,692	2,002	54.2%	26,852	14,563	54.2%	323,248	264,577	81.8%	\$ 2,641.7	1,277.6	48.4%	87.5%	26,852	14,563	54.2%	100.8%	\$ 0.098	\$ 0.088
Residential ConnectedSolutions										\$ 1,920.5	199.0	10.4%	92.4%						
Energy Efficiency Education Programs										\$ 40.0	0.0	0.0%	100.0%						
Community Based Initiatives - Residential										\$ 226.2	18.6	8.2%	100.0%						
Comprehensive Marketing - Residential										\$ 332.7	26.0	7.8%	100.0%						
SUBTOTAL	7,455	4,154	55.7%	52,553	29,302	55.8%	444,801	339,262	76.3%	\$ 36,712.7	18,021.5	49.1%	111.9%	191,872	97,025	50.6%	106.5%	\$ 0.191	\$ 0.186
Regulatory																			
EERMC										\$ 738.5	189.6	25.7%	100.0%						
OER										\$ 738.5	369.3	50.0%	100.0%						
SUBTOTAL										\$ 1,477.0	\$ 558.9	37.8%	100.0%						
TOTAL	22,621	6,787	30.0%	138,256	48,347	35.0%	455,411	343,738	75.5%	\$ 111,286.3	\$ 34,270.2	30.8%	101.0%	1,290,462	327,411	25.4%	95.3%	\$ 0.086	\$ 0.105
<i>Municipal LED Street Lights</i>										485.9	79.2	16.3%							

NOTES

(1)(4)(7) Targets from Docket 5076 - Attachment 5, Table E-7 (electric), Refined December 22, 2020

(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).

(10) Approved Implementation Budget from Docket 5076, Attachment 5 Table E-3 (electric), Refined December 22, 2020

(11) Year To Date Expenses include Implementation expenses.

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

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

(16) Planned \$/lifetime MWh from Docket 5076 - Attachment 5, Table E-5 (electric), Refined December 22, 2020 - adjusted to reflect format of quarterly report. Program Implementation Expenses/lifetime kWh.

(18) (19) Year End Spending and Energy Savings forecasts are best estimates based on the information available and may change throughout the year.

Values in quarterly reports are preliminary and subject to change. Data is finalized in the Year-End Report.

NATIONAL GRID ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND

Table 2: Summary of Gas 2021 Target and Preliminary 2nd Quarter Results

GAS PROGRAMS Sector and Program	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(16)	(10)	(11)	(12)	(17)	(13)	(14)	(15) Peak Hour Gas Demand Savings (MMBtu)
	Energy Savings (Annual MMBtu)			Customer Participation			Expenses (\$ 000)				Energy Savings (Lifetime MMBtu)				\$/Lifetime MMBtu		
	Target	Year To Date	Pct Achieved	Target	Year To Date	Pct Achieved	Budget	Year To Date	Pct Achieved	Year End Forecast		Planned	Year To Date	Pct Achieved	Year End Forecast	Planned	Year to Date
Commercial and Industrial																	
Large Commercial New Construction	27,631	21,598	78.2%	61	24	38.4%	\$ 2,634.2	\$ 1,034.3	39.3%	100.6%	437,398	300,291	68.7%	204.5%	\$ 6.02	\$ 3.44	10.80
Large Commercial Retrofit	187,283	35,821	19.1%	98	24	24.6%	\$ 5,054.1	\$ 1,446.0	28.6%	75.1%	1,455,776	370,848	25.5%	68.0%	\$ 3.47	\$ 3.90	17.91
Small Business Direct Install	4,886	1,593	32.6%	183	53	28.7%	\$ 332.7	\$ 35.5	10.7%	100.0%	48,861	14,901	30.5%	112.9%	\$ 6.81	\$ 2.38	0.80
Commercial & Industrial Multifamily	9,444	701	7.4%	729	13	1.8%	\$ 953.2	\$ 132.8	13.9%	81.0%	141,869	11,284	8.0%	75.0%	\$ 6.72	\$ 11.77	0.35
Commercial Pilots							\$ 215.8	\$ 77.7	36.0%	37.9%							
Community Based Initiatives - C&I							\$ 24.8	\$ -	0.0%	100.0%							
SUBTOTAL	229,243	59,713	26.0%	1,071	113	10.6%	\$ 9,214.8	\$ 2,726.3	29.6%	83.1%	2,083,905	697,325	33.5%	98.2%	\$ 4.42	\$ 3.91	29.86
Income Eligible Residential																	
Single Family - Income Eligible Services	10,055	2,338	23.3%	1,005	243	24.2%	\$ 5,952.3	\$ 1,517.3	25.5%	100.0%	201,104	46,760	23.3%	100.0%	\$ 29.60	\$ 32.45	1.17
Income Eligible Multifamily	14,399	4	0.0%	3,150	112	3.6%	\$ 3,009.4	\$ 51.1	1.7%	75.0%	315,545	95	0.0%	75.0%	\$ 9.54	\$ 540.14	0.00
SUBTOTAL	24,454	2,342	9.6%	4,155	355	8.5%	\$ 8,961.8	\$ 1,568	17.5%	91.6%	516,649	46,855	9.1%	84.7%	\$ 17.35	\$ 33.47	1.17
Non-Income Eligible Residential																	
EnergyWise	20,869	15,375	73.7%	1,694	2,763	163.1%	\$ 8,117.6	\$ 7,777.2	95.8%	198.2%	476,550	352,142	73.9%	150.0%	\$ 17.03	\$ 22.09	7.69
Energy Star® HVAC	38,345	14,388	37.5%	4,348	1,653	38.0%	\$ 3,673.0	\$ 1,324.0	36.0%	79.5%	667,485	254,940	38.2%	80.0%	\$ 5.50	\$ 5.19	7.19
EnergyWise Multifamily	8,633	2,442	28.3%	4,000	165	4.1%	\$ 1,491.6	\$ 627.4	42.1%	115.0%	148,675	43,586	29.3%	100.0%	\$ 10.03	\$ 14.39	1.22
Home Energy Reports	93,548	44,270	47.3%	152,324	153,799	101.0%	\$ 450.9	\$ 333.7	74.0%	83.3%	93,548	44,270	47.3%	79.7%	\$ 4.82	\$ 7.54	22.14
Residential New Construction	4,445	481	10.8%	323	54	16.7%	\$ 674.8	\$ 147.3	21.8%	78.9%	85,272	12,015	14.1%	82.1%	\$ 7.91	\$ 12.26	0.24
Comprehensive Marketing - Residential							\$ 64.8	\$ 6.4	9.9%	100.0%							
Community Based Initiatives - Residential							\$ 75.8	\$ 6.1	8.1%	100.0%							
SUBTOTAL	165,840	76,957	46.4%	162,689	158,434	97.4%	\$ 14,548.5	\$ 10,222.0	70.3%	149.6%	1,471,530	706,953	48.0%	104.8%	\$ 9.89	\$ 14.46	38.48
Regulatory																	
EERMC							\$ 275.1	\$ 70.6	25.7%	100.0%							
OER							\$ 275.1	\$ 137.5	50.0%	100.0%							
SUBTOTAL							\$ 550.1	\$ 208.2	37.8%	100.0%							
TOTAL	419,537	139,011	33.1%	167,915	158,902	94.6%	\$ 33,275.2	\$ 14,724.8	44.3%	114.8%	4,072,084	1,451,133	35.6%	98.9%	\$ 8.17	\$ 10.15	69.51

NOTES

- (1)(4) Targets from Docket 5076 - Attachment 6, Table G-7 (gas), Refiled December 22, 2020.
 - (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 Implementation Budget from Docket 5076, Attachment 6 Table G-3 (gas), Refiled December 22, 2020.
 - (8) Year To Date Expenses include Implementation expenses.
 - (9) Pct Achieved is Column (8)/ Column (7).
 - (13) Planned \$/lifetime MMBtu from Docket 5076 - Attachment 6, Table G-5 (gas), Refiled December 22, 2020 - adjusted to reflect format of quarterly report. Program Implementation Expenses/lifetime MMBtu.
 - (14) \$/lifetime MMBtu = Column (8)*1000/Column (11)
 - (15) Peak Hour Gas Demand Savings is a test metric in 2021 and represents a rough approximation of peak-hour gas demand impacts. Column(2) *0.01 *0.05
 - (16) (17) Year End Spending and Energy Savings forecasts are best estimates based on the information available and may change throughout the year.
- Values in quarterly reports are preliminary and subject to change. Data is finalized in the Year-End Report.

NATIONAL GRID ELECTRIC ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table 3: National Grid 2021 Revolving Loan Funds

Large C&I Electric Revolving Loan Fund

Small Business Electric Revolving Loan Fund

<u>Income Statement</u>		<u>Income Statement</u>		
(1)	2021 Funds Available	\$7,010,036	(1) 2021 Funds Available	\$3,144,530
(2)	2021 Loan budget	\$15,000,000	(2) 2021 Loan budget	\$3,000,000
(3)	Committed	\$9,708,554	(3) Committed	\$0
(4)	Paid	\$1,766,584	(4) Paid	\$570,365
(5)	Repayments	\$2,527,770	(5) Repayments	\$525,532
(6)	Available 6/30/21	<u>-\$1,937,332</u>	(6) Available 6/30/21	<u>\$3,099,697</u>
(7)	Outstanding loan volume	\$10,920,662	(7) Outstanding loan volume	\$641,547
(8)	Loan defaults during period (\$)	\$0	(8) Loan defaults during period (\$)	\$0
(9)	Arrears over 120 days at period end (\$)	\$12,710	(9) Arrears over 120 days at period end (\$)	\$29,586
<u>Program Impact</u>		<u>Program Impact</u>		
(10)	Number of loans	29	(10b) Participants	272
(10b)	Participants	24	(11) Annual Savings (Gross MWh)	4,070
(11)	Annual Savings (Gross MWh)	2,363	(12) Annual Savings (Net MWh)	3,790
(12)	Annual Savings (Net MWh)	1,754	(13) Lifetime Savings (Gross MWh)	49,816
(13)	Lifetime Savings (Gross MWh)	25,874	(14) Lifetime Savings (Net MWh)	46,741
(14)	Lifetime Savings (Net MWh)	19,120	(15) Annual Savings (Gross kW)	735
(15)	Annual Savings (Gross kW)	348	(16) Annual Saving (Net kW)	633
(16)	Annual Saving (Net kW)	292	(17) Total associated incentive volume (\$)	\$2,449,106
(17)	Total associated incentive volume (\$)	\$737,087	(18) Total annual estimated energy cost savings (\$)	\$670,876
(18)	Total annual estimated energy cost savings (\$)	\$405,533		

Rhode Island Public Energy Partnership (RI PEP)

<u>Income Statement</u>		
(1)	2021 Funds Available	\$462,477
(2)	2021 Loan budget	\$0
(3)	Committed	\$0
(4)	Paid	\$0
(4a)	Funds Returned to OER	\$462,477
(5)	Repayments	\$31,464
(6)	Available 6/30/21	<u>\$31,465</u>
(7)	Outstanding loan volume	\$22,529
(8)	Loan defaults during period (\$)	0
(9)	Arrears over 120 days at period end (\$)	0
<u>Program Impact</u>		
(10)	Number of loans	0
(10b)	Participants	0
(11)	Annual Savings (Gross MWh)	0
(12)	Annual Savings (Net MWh)	0
(13)	Lifetime Savings (Gross MWh)	0
(14)	Lifetime Savings (Net MWh)	0
(15)	Annual Savings (Gross kW)	0
(16)	Annual Saving (Net kW)	0
(17)	Total associated incentive volume (\$)	\$0
(18)	Total annual estimated energy cost savings (\$)	\$0

Notes

- 1 Amount available as of January 1, 2021. Includes line (6) "Available 12/31/20" plus line (3) "Committed" in Table E-6 and G-6 of the 2020 Year End Report.
- 2 Budget adopted by Sales Team for 2021 operations. Budget includes projections of repayments made during 2021.
- 3 As of June 30, 2021
- 4 As of June 30, 2021. This includes all projects paid through June 30, 2021 and the OBR associated with those projects. OBR payment are processed once the associated incentive has been paid usually in batches.
- 4a Funds returned to RI OER.
- 5 As of June 30, 2021
- 6 Fund balance as of June 30, 2021. Committed funds are subtracted from this amount.
- 7 Total outstanding loan balance. Loans lent out that still need to be paid back. This includes loans from previous years.
- 8 Total loan value in default during period.
- 9 Total loan value in arrears for over 120 days as of June 30, 2021.
- 10 As of June 30, 2021
- 10b Unique customer names for large business (one customer name can have multiple sub accounts as is in the case of a franchise). Customer accounts used for small business (not adjusted for net-to-gross).
- 11 As of June 30, 2021
- 12 As of June 30, 2021
- 13 As of June 30, 2021
- 14 As of June 30, 2021
- 15 As of June 30, 2021
- 16 As of June 30, 2021
- 17 Incentives paid out with loans.
- 18 Estimated energy cost savings to loan fund participants.

NATIONAL GRID GAS ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table 4: National Grid 2021 Revolving Loan Funds

Large C&I Gas Revolving Loan Fund

<u>Income Statement</u>		
(1)	2021 Funds Available	\$1,532,113
(2)	2021 Loan budget	\$2,200,000
(3)	Committed	\$449,810
(4)	Paid	\$33,198
(5)	Repayments	\$276,828
(6)	Available 6/30/21	\$1,325,933
(7)	Outstanding loan volume	\$1,226,940
(8)	Loan defaults during period (\$)	\$0
(9)	Arrears over 120 days at period end (\$)	\$0
<u>Program Impact</u>		
(10)	Number of loans	4
(10b)	Participants	2
(11)	Annual Savings (Gross MMBtu)	441
(12)	Annual Savings (Net MMBtu)	375
(13)	Lifetime Savings (Gross MMBtu)	6,741
(14)	Lifetime Savings (Net MMBtu)	5,730
(17)	Total associated incentive volume (\$)	\$11,020
(18)	Total annual estimated energy cost savings (\$)	\$7,682

Notes

- 1 Amount available as of January 1, 2021. Includes line (6) "Available 12/31/20" plus line (3) "Committed" in Table E-6 and G-6 of the 2020 Year End Report.
- 2 Budget adopted by Sales Team for 2021 operations. Budget includes projections of repayments made during 2021.
- 3 As of June 30, 2021
- 4 As of June 30, 2021. This includes all project paid in 2021 and the OBR associated with those projects. OBR payment are processed once the associated incentive has been paid usually in batches.
- 5 As of June 30, 2021
- 6 Fund balance as of June 30, 2021. Committed funds are subtracted from this amount.
- 7 Total outstanding loan balance. Loans lent out that still need to be paid back. This includes loans from previous years.
- 8 Total loan value in default during period.
- 9 Total loan value in arrears for over 120 days as of June 30, 2021.
- 10 As of June 30, 2021
- 10b Unique customer names for large business (one customer name can have multiple sub accounts as is in the case of a franchise).
- 11 As of June 30, 2021
- 12 As of June 30, 2021
- 13 As of June 30, 2021
- 14 As of June 30, 2021
- 15 As of June 30, 2021
- 16 As of June 30, 2021
- 17 Incentives paid out with loans.
- 18 Estimated energy cost savings to loan fund participants.

**Table 5
National Grid
2021 Test Metrics**

Customer Satisfaction¹
95.3%

NOTES

¹The Customer Satisfaction metric is based on an average across the EnergyWise, Single Family Income Eligible Services, and Residential Consumer Products Programs. The metric is based off customer responses to the following questions: Would you recommend this service to friend or family? How satisfied are you with the energy efficiency services you received?

Carbon Reduction²

	CO2 (Electricity)	CO2 (Natural Gas)	CO2 (Oil)	CO2 (Propane)	CO2 (Total)
Residential	11,193	4,502	1,188	(38)	16,845
Income Eligible	522	137	196	7	862
C&I	6,754	3,493	(227)	-	10,020
Total	18,469	8,132	1,157	(31)	27,727

NOTES

² Carbon emissions values are from AESC 2021, Appendix G Tab 159.

Efficient Buildings Fund
Rhode Island Infrastructure Bank / Office of Energy Resources
January 1, 2021 to June 30, 2021 Report

Financing Program Income Statement (Note 1)

Funds Available (1/1/21) (Note 6)	\$690,442
SBC fund contribution	\$0
Loans Repayments (principal only) (Note 2)	\$0
Loans Defaults	\$0
Funds Closed	\$0
Funds Committed (Note 3)	\$400,000
Funds Available (6/30/21)	\$290,442
Outstanding Closed Loan Value (contracted balance as of 6/30/21) (Note 4)	\$36,274,000

Financing Program Impacts (Note 5)

<i>Participation</i>	
Number of Loans (# - since inception)	18
Number of Participants (# - since inception)	14
<i>Projects</i>	
Total Loan Volume (\$ - since inception)	\$60,941,615
Total Associated Incentive Volume (\$ - since inception)	\$1,544,908
<i>Savings (2021) (Note 6)</i>	
Net Annual Electricity Savings Supported (MWh)	0 MWh
Net Annual Capacity Reductions Supported (kW)	0
Net Annual Thermal Energy Saving Supported (therms)	0
Net Lifetime Energy Savings Supported (MMBTU)	0
Total Annual Estimated Cost Savings (\$)	0

Note (1): Financing program income statement reflects exclusively SBC-funded projects or portions of projects.

Note (2): Principal repayments are due September 1 of each year.

Note (3): Funds committed represents funds committed to loans that have not yet closed. These funds are unavailable to be lent to other projects.

Note (4): Outstanding loan value represents contracted outstanding balance committed to loans that are funded with SBC (\$20,514,105) and RIIB funds (\$15,759,895).

Note (5): Financing program impacts reflects full program outcomes, including projects funded with sources other than SBC.

Note (6): Savings values only represent savings from projects that have been completed 1/1/21 to 6/30/20.