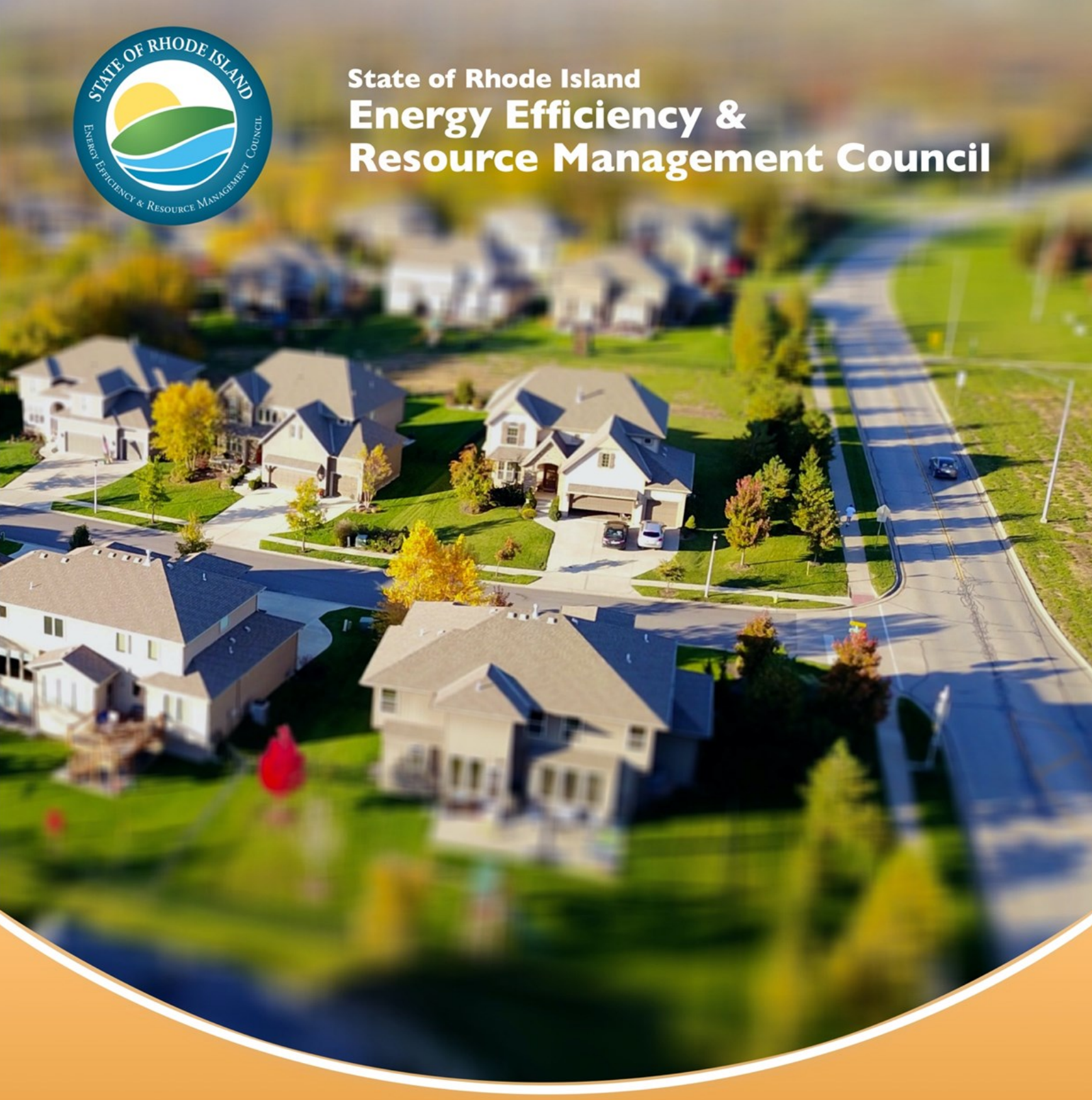
State of Rhode Island

Energy Efficiency & Resource Management Council



Annual Report

2020

Rhode Island Energy Efficiency and Resource Management Council
One Capitol Hill, Providence, RI 02908

rieermc.ri.gov

TABLE OF CONTENTS

EXECUTIVE SUMMARY…… 4
LETTER FROM THE CHAIR…… 5
LETTER FROM THE EXECUTIVE DIRECTOR…… 6
ABOUT THE EERMC…… 7
Council Members……7
Who We Are & What We Do……..8
2019 ACHIEVEMENTS AND HIGHLIGHTS…… 10
POLICY RECOMMENDATIONS……13
2019 PROGRAMS AND INITIATIVES…… 15
Residential Energy Efficiency Programs…… 15
Income Eligible Services……18
Commercial, Industrial & Public Programs and Initiatives…… 19
Commercial, Industrial and Public Finance…… 24
Cross-Sector Programs…… 26
COUNCIL PUBLIC EDUCATION EFFORTS……30
2019 EERMC Public Forum……30
Plugged Into Energy Research Lecture Series at the University of Rhode Island……..30
2019 Combined Heat and Power Public Meeting……31
Farmer Education……31
NATIONAL GRID 2019 ENERGY EFFICIENCY WORKFORCE STUDY…… 32
PLANNING INITIATIVES…… 33
State Goals: State Energy Plan & GHG Reduction Goals…… 33
Market Potential Study & Savings Targets Setting……33
Energy Efficiency Program Plan (Annual Plan) …… 33
System Reliability Procurement……34
Power Sector Transformation…… 34
LOOKING FORWARD: 2020 ENERGY EFFICIENCY PROGRAM PLAN HIGHLIGHTS…… 36
Residential Programs…… 36
Commercial and Industrial Programs…… 37
APPENDIX A: ACEEE STATE SCORECARD …… 39
APPENDIX B: ELECTRIC PROGRAM TRENDS…… 41
APPENDIX C: 2019 NATIONAL GRID EFFICIENCY PROGRAM CASE STUDIES…… 44
APPENDIX D: 2019 ENERGY EFFICIENCY VENDORS…… 50

LIST OF FIGURES & TABLES

Figure 1. Cumulative Impact of Efficiency Investments on RI Electric Supply Requirements..... 11

Figure 2. Actual Energy Savings (2009-2019) and Goals (2020) 12

Figure 3. Value of Energy Efficiency Program Benefits.....12

Figure 4. Key Performance Indicators for Code Compliance Enhancement Initiative.....27

Figure 5. 2019 Code Compliance Enhancement Initiative (CCEI) training attendees by type.....27

Figure 6. Resilient Rhode Island Greenhouse Gas Reduction Targets.....33

Table 1. Incentives by Town.....29

Table 2. Employment Associated with Energy Efficiency Programs in Rhode Island.....32

STATE OF RHODE ISLAND
ENERGY EFFICIENCY & RESOURCE MANAGEMENT COUNCIL

2020 ANNUAL REPORT EXECUTIVE SUMMARY

Energy Efficiency is Paying Off for Rhode Islanders

877
full-time equivalent jobs in 2019

1151
firms delivered energy efficiency services in 2019

1 million
metric tons of greenhouse gas emissions prevented over the life of efficiency measures installed in 2019. Equivalent to taking

217,244 cars
off the road for one year

$605 million
in total benefits achieved by efficiency programs in 2019

2020 Policy Recommendations

- Continue Least Cost Procurement Law (§ 39-1-27)
- Expand clean energy workforce development
- Share building energy information with new homeowners and renters
- Collaborate to ensure energy program accessibility
- Adopt appliance efficiency standards
- Coordinate across energy programs and policies

The Rhode Island Energy Efficiency & Resource Management Council (EERMC) is a group of stakeholders that represents all Rhode Islanders to ensure the utility is investing in the least expensive energy resource – energy efficiency. Learn more at www.rieermc.ri.gov

LETTER FROM THE CHAIR

Christopher M. Powell, Chair
RI EERMC

To Governor Gina M. Raimondo, Leaders and Members of the General Assembly, and all Rhode Island energy consumers:

The coronavirus pandemic has radically changed the landscape in which we operate. While we are concerned with the health risks and impacts in the immediate term, many are looking ahead to how this will shape the economy in the months and years ahead. There is no question that this virus is devastating for the energy efficiency industry. While there is a cloud of uncertainty hanging over Rhode Island and the nation at this moment, I have confidence that our economy, and the jobs we have lost, will rebound. Looking at our history, the United States has recovered from pandemics, war and natural disasters, and we will recover from this. It is on this note that I would like to offer you a review of the past year and what lays ahead for the EERMC, once the pandemic has ended.

Over the past year, we continued to provide energy efficiency opportunities to all Rhode Island energy consumers. These include residential, commercial, manufacturing and institutional energy consumers. Additionally, in cooperation with state and city agencies, the efficiency programs provide no-cost energy efficiency improvements to our low-income households.

We also wish to acknowledge our numerous business partners who, without their expertise, services, vision and cooperation, these energy efficiency achievements would not be possible. HVAC and lighting service providers have made incredible progress over the past year. In particular, the ENERGY STAR® Lighting Program has been extremely popular with residential customers. Over the long run, these efficiency programs, along with the Governor's renewable energy goals, have helped not only to lower program users' energy bills but also contributed to reducing the demand on the electric and natural gas so successfully that the cost of energy supplies we import into Rhode Island had dropped markedly. Furthermore, these programs create jobs in Rhode Island, helping to grow our local economy.

Moving forward, we have identified the need to re-tool our low-income programs for both single-family and multi-family units to ensure we meet our program goals and provide low-income energy consumers best-in-class programs and services. While programs exist for this population, they must be thoroughly reexamined and reinvigorated to increase participation. We must produce new ways to engage low-income populations and deliver our programs more effectively.

Companies are advancing technology at an exponential rate, making incredible breakthroughs in the world of energy efficiency. To continue creating highly competitive and streamlined energy efficiency programs, we must continually watch advancements in both program delivery and energy technology, including artificial intelligence. We must create a method to evaluate these technologies for practicality, cost-effectiveness and potential for customer satisfaction. To that end, we are engaged in an energy efficiency potential study, which will evaluate new energy efficiency technologies and programs across the nation, to see which may have the potential to be successful here in Rhode Island. The result of this study will be key to shaping our state's energy efficiency programs over the next five to 10 years.

In a bittersweet note, 2020 will be my last year as Chair of the EERMC. I have been with the council since its formation in 2006, and I am proud of our work. In particular, the least cost procurement legislation of 2006 has proven its worth in longevity and will continue to be a successful program. I feel ready to pass the baton to a new leader who will build upon the council's exceptional track record of progress. It has been an honor and pleasure to be of service to EERMC and the State of Rhode Island.

Respectfully Submitted,

Christopher M. Powell, Chair

Energy Efficiency and Resource Management Council

LETTER FROM THE EXECUTIVE DIRECTOR

To Governor Gina M. Raimondo and Members of the General Assembly:

The Rhode Island Energy Efficiency and Resource Management Council (EERMC) and Office of Energy Resources (OER) are pleased to present this 2020 EERMC Annual Report.

These are extraordinary times as we rise to confront the worldwide COVID-19 crisis. The way that Rhode Islanders and its leadership have come together to address the near-term public health and economic impacts of this devastating virus has been inspiring. As we move toward a new normal, it gives hope that our state and its people can tackle any challenge before us – even one as daunting as climate change.

Nicholas S. Ucci , Executive Director
RI EERMC

Admittedly, a lot of work remains ahead of us in dealing with the longer-term effects of COVID-19, but I want to assure our stakeholders that OER and the EERMC remain focused on Rhode Island's clean energy future. Our shared commitment to reducing energy costs for local families and businesses, while supporting hundreds of local companies and thousands of clean energy jobs, is as strong as ever. Strong collaboration with National Grid and our stakeholder community has led to the development and implementation of nation-leading energy efficiency programs that connect all Rhode Islanders to carbon-reducing measures which not only reduce energy consumption and costs, but also improve the quality and health of our buildings and help reduce harmful air pollutants in our communities. Least-cost procurement, conservation, and energy efficiency are the bedrock of Rhode Island's clean energy economy and are vital to any future in which our state achieves its greenhouse gas reduction targets.

Thanks to your continued leadership, robust stakeholder engagement, and utility-led innovation, Rhode Island ranks third in the country for its energy efficiency policies and programs and has ranked in the top 10 for the past 11 years, as ranked by the American Council for an Energy-Efficient Economy (ACEEE). Importantly, our least-cost procurement strategies and efficiency programs are doing much more than saving energy and reducing utility costs. These investments put Rhode Islanders to work and create business opportunities for local firms. According to the 2019 Clean Energy Industry Report, there are more than 9,400 people working in energy efficiently-related jobs throughout Rhode Island, comprising nearly 60 percent of our burgeoning clean energy economy. Some 1,151 local businesses are engaged in delivering energy efficiency and supply chain services.

Critical work remains to be done, particularly as we look toward supporting economic recovery across the clean energy sector. I am confident that OER, EERMC, National Grid, industry, and our valued stakeholders are prepared to tackle emerging challenges and seize innovative opportunities, while ensuring that the benefits of our evolving clean energy economy extend to all Rhode Islanders. Working together, I am confident that we will succeed in fostering a cleaner, more affordable and reliable energy future for the Ocean State.

Sincerely,

Nicholas S. Ucci

Acting Commissioner, Rhode Island Office of Energy Resources

Executive Director, Energy Efficiency and Resource Management Council

ABOUT THE EERMC

COUNCIL MEMBERSHIP

The EERMC consists of fifteen members appointed by the Governor with the advice and consent of the Senate. Eleven members are voting members with knowledge of energy regulation and law, environmental issues pertaining to energy, energy design and codes, energy efficiency education and employment, and energy users in the following sectors: large commercial and industrial, small commercial and industrial, large non-profit, residential, low income, and municipal. Four members are ex-officio, non-voting members including the Commissioner of the Office of Energy Resources and others representing an electric distribution entity, a gas distribution entity and the fuel oil or heating fuel industry. Members serve voluntarily and meet year-round.

COUNCIL MEMBERS

Christopher Powell, Chair
Voting Member Representing Expertise in Energy Regulation and the Law
Director of Energy Management and Commissioning, Yale New Haven Health System

Anthony Hubbard, Vice Chair
Voting Member Representing Low Income Energy Consumers
Director, YouthBuild Providence

Peter Gill Case
Voting Member Representing Expertise in Energy Design and Code
Principal, Truth Box, Inc.

Roberta Fagan
Ex-Officio Member Representing Expertise in Delivered Fuels
President, Energy Marketers Association of RI

Joe Garlick
Voting Member Representing Small Non-Profit Institutions
Executive Director, NeighborWorks Blackstone River Valley

Thomas Magliocchetti
Voting Member Representing Large Non-Profit Users
Former Vice President, Facilities Management, Rhode Island Hospital

Bill Riccio
Voting Member Representing Municipalities
Director of Public Services, City of Newport

Butch Roberts
Voting Member Representing Large Commercial & Industrial Users

Kurt Teichert
Voting Member Representing Expertise in Environmental Issues
Senior Lecturer in Environmental Studies, Brown University

Nicholas Ucci
Ex-Officio Member - Executive Director, EERMC
Acting Commissioner, Office of Energy Resources

Karen Verrengia
Voting Member Representing Energy Efficiency Education and Employment Tracking
Building Operator Certification Course Manager, CLEAResult

Bob White
Voting Member Representing Small Commercial & Industrial Users
Energy Consultant (Propane) & Licensed USCG Captain

Appointment Pending
Voting Member Representing Residential Users

Appointment Pending
Ex-Officio Member Representing Utilities

Appointment Pending
Ex-Officio Member Representing Utilities

WHO WE ARE & WHAT WE DO

The Energy Efficiency and Resource Management Council (EERMC) has been providing an integrated, comprehensive, public, stakeholder-driven organizational structure to secure for Rhode Island's energy consumers the economic and environmental benefits of energy efficiency since the Council's formation in 2006 under amendments to R.I.G.L. § 42-140.1.

In representing small and large businesses, non-profit organizations, homeowners and renters, and municipalities and government, the EERMC oversees highly successful programs that allow Rhode Islanders to access energy efficiency instead of having to purchase more costly energy supply. A valuable outcome of these programs is to also support a growing industry of Rhode Island energy efficiency service and product suppliers, which support local job growth and in-state financial investments.

Our Mission

The Council's mission is to serve Rhode Islanders in their homes and businesses. We represent your needs by providing integrated, comprehensive stakeholder feedback about energy decisions. Our goal is to ensure Rhode Islanders are getting the least expensive and most environmentally healthy energy supply through energy efficiency, conservation, and resource management.

Our Purposes

- Make Recommendations
- Engage Stakeholders
- Monitor and Evaluate
- Ensure Public Benefit

The effects of energy efficiency in the last decade now cumulatively account for approximately 20% of Rhode Island's electricity needs. Without the cost-effective energy efficiency investments made over time, which cost on average about 4 cents per kilowatt-hour saved, we would now be paying more than twice that amount to supply that energy.

Rhode Island consumers are the focus of Least Cost Procurement, so ensuring the consumer voice in energy efficiency procurement decisions is critically important. The EERMC, assisted by its expert consultant team, provides meaningful input into National Grid's efficiency procurement plans and adds significant stability to investment decisions. The EERMC's model for structured stakeholder participation has been successfully deployed annually in a nationally-recognized process to set appropriate energy saving targets and then establish implementation plans that are equitable, cost-efficient and cost-effective to maximize benefits for all Rhode Islanders.

2019 ACHIEVEMENTS AND HIGHLIGHTS

Rhode Island remains a nationally recognized leader in implementing high-quality energy efficiency programs. Since 2009, Rhode Island has consistently been in the top 10 states ranked by the American Council for an Energy Efficient Economy's State Energy Scorecard. In 2019, Rhode Island maintained the #1 ranking (tied with Massachusetts) in the category of "utility-sector energy efficiency programs and policies" earning a perfect score in that category for the third year in a row.

Overall, Rhode Island ranked #3 by posting some of the highest energy savings levels in the nation, implementing a voluntary residential stretch code, promoting goals to cut emissions 45% below 1990 levels by 2035, promoting and standardizing residential energy labeling practices, consolidating home energy data in a central portal, establishing clear energy goals for state agencies, and working to advance construction of zero energy buildings. See Appendix A for Rhode Island's scorecard.

2019 ENERGY EFFICIENCY PROGRAM RESULTS

Total Participants: 820,284

Utility Program Cost: $134.2 million

Total Benefits: $605.03 million

Cost Per Lifetime kWh of Electricity Saved: $0.064

Cost Per Lifetime MMBTU of Natural Gas Saved: $6.66

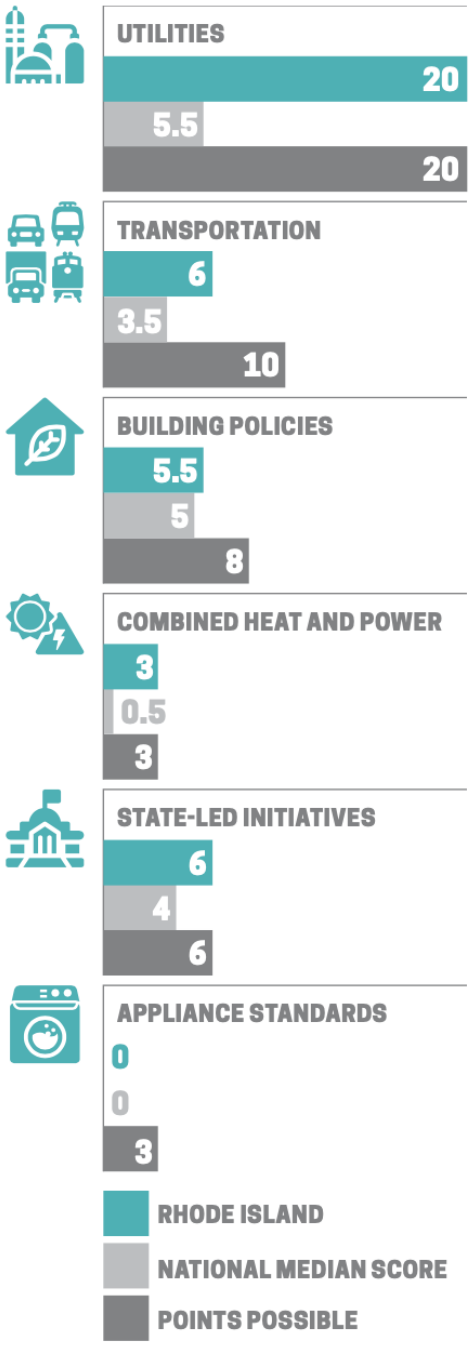
Electric Savings as a Percent of 2015 Electric Load: 2.54%

ACEEE
American Council for an Energy-Efficient Economy

2019 STATE ENERGY EFFICIENCY SCORECARD

3

Rhode Island tied for third in the *2019 State Energy Efficiency Scorecard*, the same position it held last year. The state earned 40.5 points out of a possible 50, a half-point less than it earned in 2018.



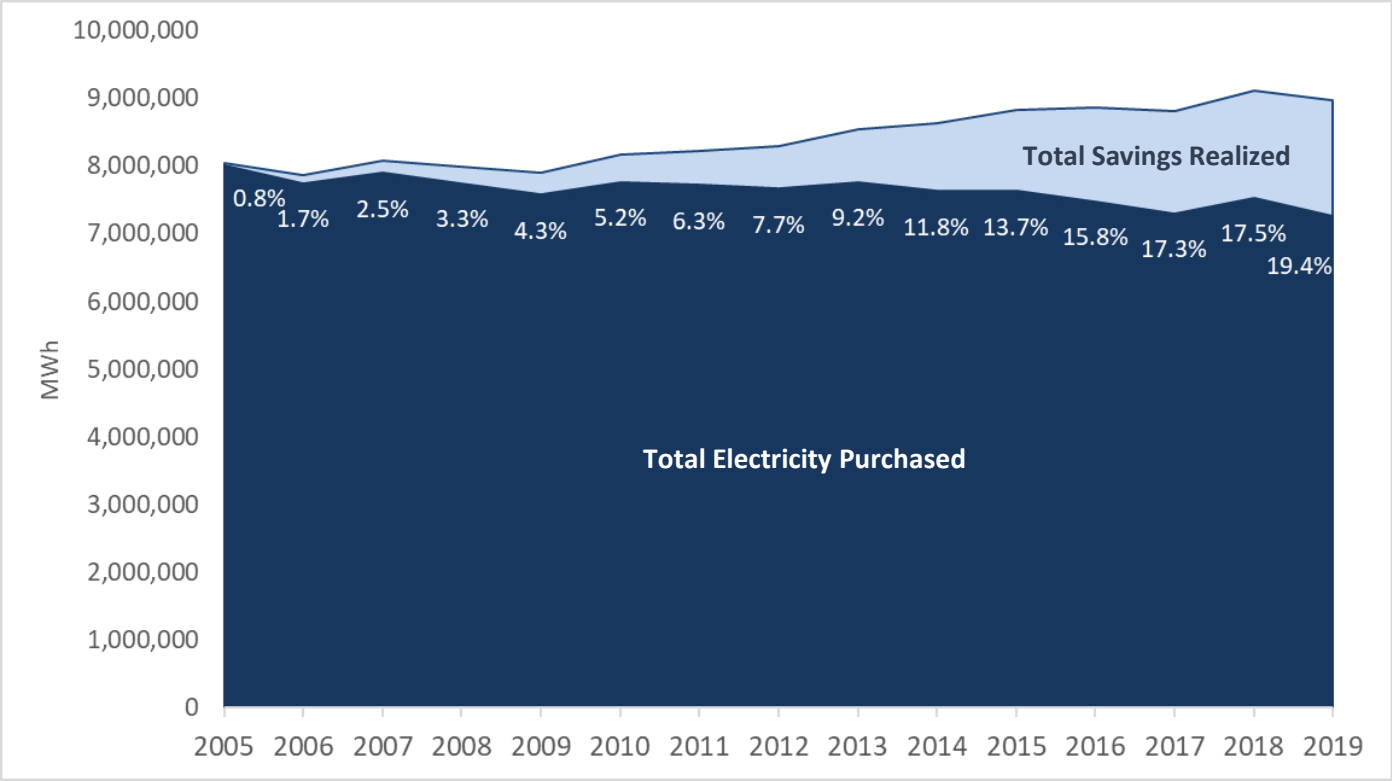


Figure 1. Cumulative Impact of Efficiency Investments on RI Electric Supply Requirements (2005-2019). Percentages represent the percent of load that cumulative electric savings since 2005 are covering.

Since 2005, Rhode Island consumers in National Grid's service territory have purchased nearly 115,000 GWhs of electricity. In that same time, rate payer funded energy efficiency programs have saved Rhode Island consumers nearly 12,000 GWhs of electricity. The impact of these savings means that instead of Rhode Island's electric load being 12% higher than it was in 2005, it is actually 10% lower. Additionally, because savings persist over the lifetime of the measures installed, the cumulative savings realized in 2019 account for over 19% of what the electric load would have been absent the energy efficiency programs.

Energy Efficiency is Paying Off for Rhode Islanders

877
full-time equivalent jobs in 2019

1151
firms delivered energy efficiency services in 2019

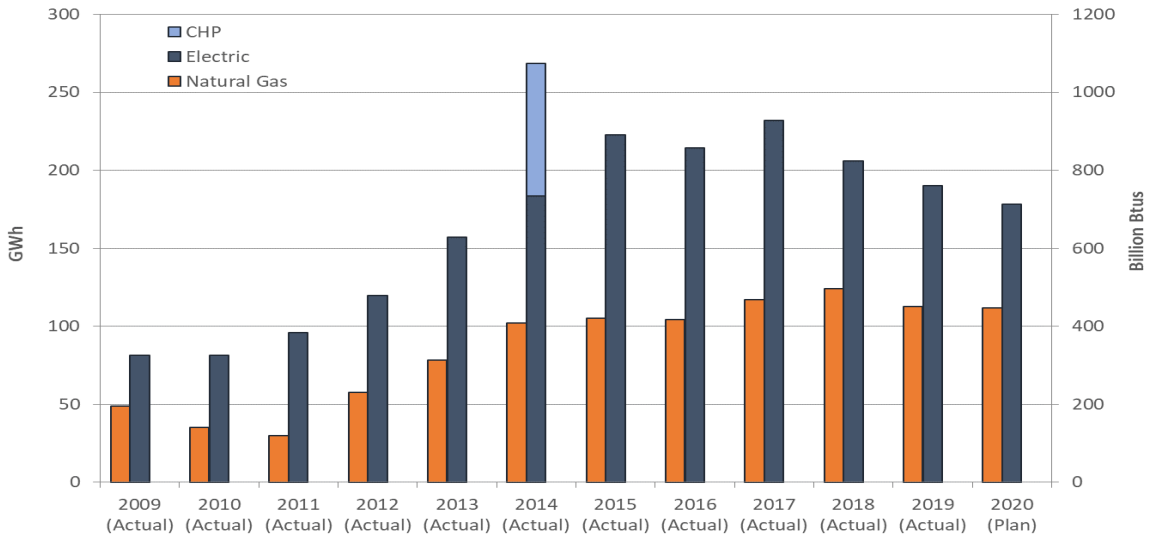
1 million
metric tons of greenhouse gas emissions prevented over the life of efficiency measures installed in 2019.
Equivalent to taking

217,244 cars
off the road for one year

$605 million
in total benefits achieved by efficiency programs in 2019

2019 ACHIEVEMENTS AND HIGHLIGHTS

Since 2009, National Grid's Energy Efficiency Programs have provided over $3.3 Billion in realized benefits. This compares to total program costs of about $1.3 Billion, resulting in a cumulative benefit-cost ratio of 2.6. Achievement of the 2020 Plan goals will push the total realized benefits to over $4.0 Billion.



Savings as a Percent of Sales

Electric	1.04%	1.07%	1.24%	1.52%	2.00%	3.41%	2.91%	2.80%	3.03%	2.75%	2.54%	2.38%
Gas	0.56%	0.38%	0.40%	0.66%	0.89%	1.17%	1.11%	1.11%	1.24%	1.21%	1.10%	1.09%

Figure 2. Actual Energy Savings (2009-2019) and Goals (2020). Electric and natural gas energy savings over time shown in annual GWh and Billion Btus, respectively. Savings as a Percent of Sales is based on forecasted sales for 2009-2014 and reference loads thereafter. 2015-2017 is based on the 2012 Reference Load and 2018-2020 is based on the 2015 Reference Load.

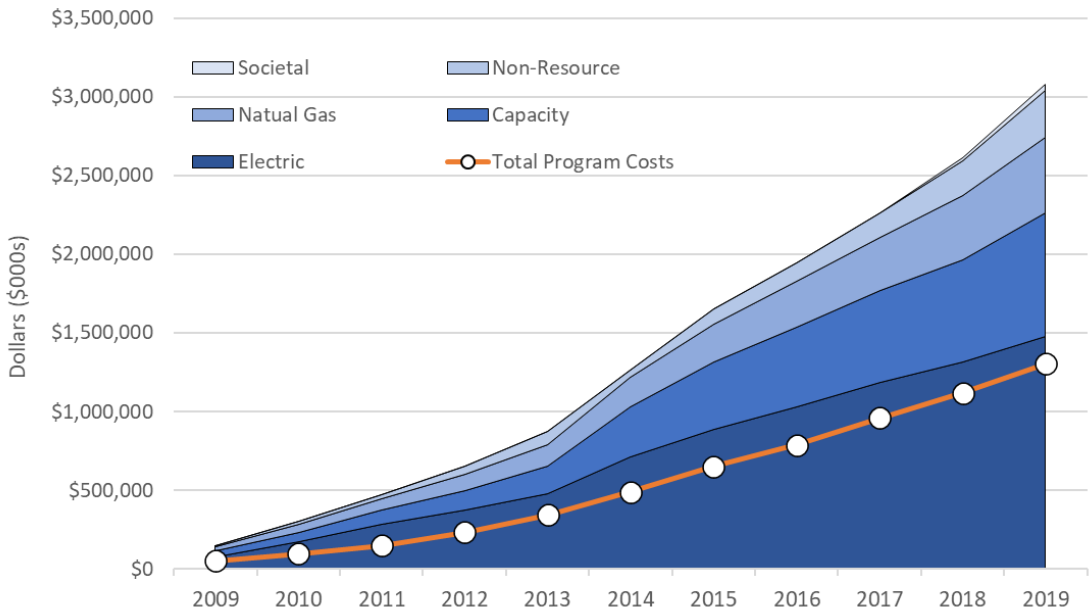


Figure 3. Cumulative Value of Energy Efficiency Program Benefits vs. Costs.

2020 POLICY RECOMMENDATIONS

R.I.G.L. § 42-140.1-5 requires that the EERMC "Submit to the joint committee on energy an annual report… regarding the activities of the Council, its assessment of energy issues, the status of system reliability, energy efficiency and conservation procurement, and its recommendations regarding any improvements which might be necessary or desirable." The EERMC submits the following recommendations that will support Rhode Island's position as a national leader in energy efficiency and resource conservation.

Continue Least Cost Procurement law

The EERMC strongly recommends that the executive branch and legislature continue to support Rhode Island's Least Cost Procurement law (§ 39-1-27.7) for electric, delivered fuels, and gas customers by passing legislation that perpetuates, facilitates, and enhances implementation of the law.

Share building energy information with new homeowners & renters

Aggregated or asset-based building energy information should be shared with prospective buyers/renters when a building is put up for sale or lease. This would allow greater transparency in Rhode Island building transactions, would spur the market for more energy efficient homes, and would provide a level of customer protection not currently available to home buyers and renters.

Expand clean energy workforce development

It is anticipated that the energy efficiency workforce will be rapidly changing in the coming years and will require a retooling of existing skillsets. Therefore, current efforts by the RI Department of Labor & Training as well as the Governor's Workforce Board to support the energy efficiency and renewable energy workforce in Rhode Island should be expanded and coordinated with existing energy programs wherever possible. As the energy market continues to grow and transform within the state, training for the future and current workforce is essential.

Collaborate to ensure energy program accessibility

A concerted effort should be made to coordinate energy efficiency programs with renewable energy deployment, state health initiatives, resiliency efforts, and any other relevant state and federal programs that promote well-being and energy security and affordability for all Rhode Islanders.

Coordinate across energy programs & policies

Rhode Island energy efficiency programs should constantly work to ensure that all customers and segments of the market have access to the benefits of energy efficiency savings. There should be a concerted effort to reach those who are economically vulnerable, and those who are currently above poverty guidelines, but need significant assistance to make efficiency investments. Coordination among all utility, state and federal income-eligible offerings/programs should be optimized to enhance the customer experience, increase program efficiency, and to strive for widespread program participation.

Adopt appliance efficiency standards

Rhode Island should adopt comprehensive appliance efficiency standards that also backstop existing federal appliance standards that may languish. Such action would achieve large energy and cost savings for Rhode Islanders.

The remainder of this report describes the activities of the EERMC in 2019, which include:

- Providing oversight and input into 2019 program implementation, which achieved 98% of the electric savings goal and 104% of the natural gas savings goal
- Collaborating with National Grid and key stakeholders on the development of the 2020 Annual Energy Efficiency Plan and the 2020 System Reliability Plan
- Commissioning a comprehensive Market Potential Study to inform the setting of Three-Year Targets in 2020
- Monitoring and supporting finance product enhancements of the Rhode Island Infrastructure Bank, and proposing key recommendations for making energy efficiency more accessible to Rhode Islanders through improved financing options
- Exploring challenges, barriers, and opportunities to have a lower cost, cleaner energy future through comprehensive energy system planning and policies

2019 PROGRAMS & INITIATIVES

RESIDENTIAL ENERGY EFFICIENCY PROGRAMS

National Grid offers comprehensive energy efficiency solutions for all Rhode Island residential customers. The goals of these offerings and services are to educate residents on saving energy and reducing energy bills while improving the comfort in their homes. The energy efficiency solutions concentrate on creating energy efficient homes, promoting efficient products, facilitating market transformation for efficient products, and educating consumers through community outreach and annual events such as the Energy Expo at the Rhode Island Home Show and the Company's community-based initiative.

In 2019, more than 3,100 residential thermostats enrolled in the ConnectedSolutions Program. Over the course of 12 events in the summer of 2019, these customers delivered an average of 1.8MW of active demand response curtailment, helping to lower peak load on the grid.

2019 saw a continuation of residential market transformation in lighting. Progress is expected to continue in 2020 as the program aims to increase LED market saturation.

2019 was also the first full year of offering the heating electrification program to replace or displace electric resistance, oil or propane heating sources with high-efficiency air source heat pumps. Participation significantly exceeded the goals for 2019 across all three fuels.

In its seventh year, the Rhode Island Home Energy Reports (HER) program continues to encourage energy efficiency behavior through personalized print and email reports, and a seamlessly integrated website. Each of the communication channels displays energy consumption patterns and contains a normative comparison to similarly sized and similarly heated homes, as well as to an energy reduction goal for each customer. 314,682 Rhode Island customers received reports in 2019.

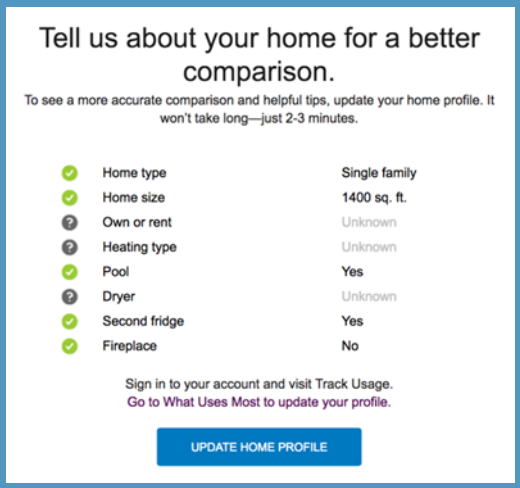
2019 RESIDENTIAL RESULTS

- **94,521,905 Annual MWh Saved**
- **458,316 Lifetime MWh Saved**
- **197,544 Annual MMBtu Saved**
- **1,745,050 Lifetime MMBtu Saved**
- **352,444 Metric Tons of Greenhouse Gas Emissions Avoided**
- **805,208 Program Participants**
- **$88 Million in Lifetime Electric Bill Savings**
- **$27.4 Million in Lifetime Gas Bill Savings**
- **$115.8 Million in Total Economic Benefits**

The Energy Innovation Hub continued to serve as a community engagement destination designed to expand customer education and outreach and enrich the customer's understanding of energy and opportunities to reduce energy consumption. The Hub helps customers to understand their own energy use as well as how participation in energy efficiency programs contributes to the State's greenhouse gas and energy reduction goals. Located in the lobby of Dunkin' Donuts Center, the Hub draws walk-in customers and groups of customers from local businesses and schools. Phone: 401-572-3560. Email: EnergyInnovationHub@NationalGrid.com.

National Grid continued its core residential energy efficiency programs in 2019:

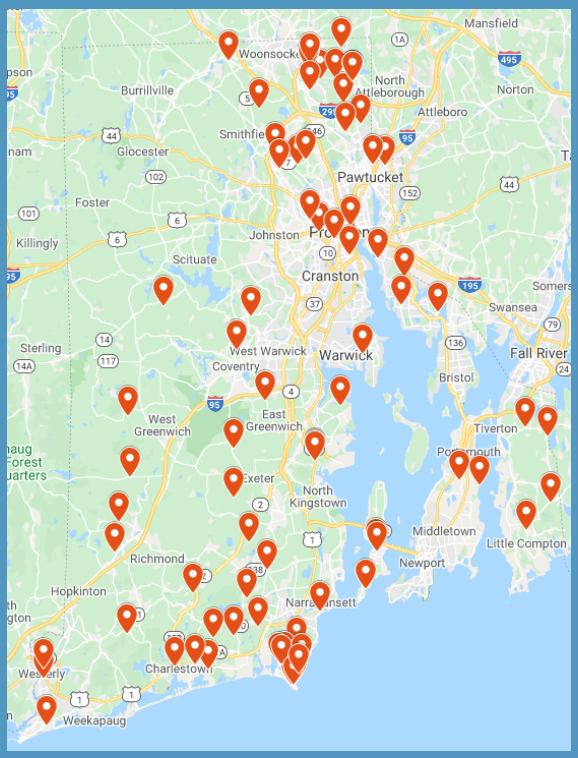
EnergyWise offers single family customers no-cost home energy assessments, weatherization, and information on their actual energy usage. Participants in this program receive personalized recommendations to reduce their energy consumption and improve the comfort in



Online Home Energy Audit Campaign

their home, technical assistance and education, and offers for financial incentives to replace inefficient lighting, appliances, thermostats, heating and cooling systems, and insulation with technologies that are more energy efficient. For the fourth consecutive year, the program was awarded the Sustained Excellence, ENERGY STAR® Partner of the Year award in program delivery. This award recognizes the robust savings Rhode Islanders are receiving as well as the innovative program design. The program also celebrated 20 Century Club recipients who are insulation contractors that weatherized 100 or more residential homes in Rhode Island. In 2019, EnergyWise established parity in incentive levels for all weatherization customers regardless of heating energy source. The Company also provided 100% landlord incentives for single family (1-4 units) customers. Finally, an online assessment was introduced at the end of the year.

The Residential New Construction Program (RNC) program benefits new construction and major renovation of single-family and multi-family homes for market rate and income eligible customers. The program elements include energy modeling & design assistance, in-field technical assistance, insulation and air sealing inspection, third-party blower door and duct blaster testing (building performance testing), a HERS (Home Energy Rating System) Index rating, energy performance-based incentives (compared on 2017 baseline), optional support for projects seeking additional certifications such as ENERGY STAR® Homes, DOE Zero Energy Ready, Passive House/PHIUS, LEED-H and Living Building Challenge. 2019 metrics indicate that only 38% of completed projects installed gas heat compared to 90% of new homes using gas heat just a few years ago. This trend for high efficiency electrically heated homes is expected to continue in years to come and supports the State's Greenhouse Gas goals. The RNC Program continued to provide training and certification opportunities to help create a fully open-rater program model in which Rhode Islanders can compete effectively



Locations of homes completed in the Residential New Construction Program in 2019

with experienced HERS raters from surrounding states. In 2019, the RNC Program supported the RI Office of Energy Resources and the RI Housing to issue the Zero Energy for the Ocean State (ZEOS) Request for Proposal (RFP), and award the funding across three project teams to design and construct affordable energy efficient Zero Energy housing units for low and moderate-income residents in Rhode Island. RI Housing and Office of Energy Resources (OER) are leading the effort, with National Grid providing support through the RNC Program. The "Path to Zero Energy Ready" continued in an effort to help accelerate the zero-energy home market.

The ENERGY STAR® Consumer Products Program promoted the purchase of high efficiency household appliances and electronics. 2019 produced strong results with strong consumer interest in dehumidifiers, dryers, pool pumps, room air conditioners, room air cleaners, and advanced power strips. Low-e storm window incentives were offered for the first time in 2019.

The ENERGY STAR® Lighting Program provides negotiated pricing to customers for the purchase of ENERGY STAR® qualified lighting, retail store promotions, and/or pop up stores, and limited online, flash sales. This program benefited in strong promotion with local store short-term offerings. The updated National Grid marketplace was also launched in RI in 2019 and flash sales were moved to this resource. Linear LED bulbs were also included in the program for the first time in 2019.

ENERGY STAR® HVAC Programs (Gas Heat Program and Electric Heating and Cooling) promotes the installation of high efficiency gas and electric space heating and cooling equipment, water heating measures, and controls via tiered customer rebates. In 2019, the gas heating program continued to see a strong participation in energy efficient combination boiler/hot water systems and a decrease in the stand-alone efficient boilers. The HVAC electric program ramped up efforts to develop the electric heating program to install cold climate air source heat pumps (ASHP) for the replacement of electric heat and displacement of oil and propane systems. This program resulted in 684 rebates processed (over $1.63 million in rebates), for partial or full displacement of oil/propane/electric resistance heat in a total of 533 homes (506 of which have oil or propane heat). Ten HVAC Check trainings were offered, resulting in 103 contractors being added to the list of Approved Contractors to ensure that ASHP savings are sized accurately, installed correctly, and the equipment is working properly.

2019 INCOME ELIGIBLE RESULTS

- **4,8956,196 Annual MWh Saved**
- **61,305 Lifetime MWh Saved**
- **30,931 Annual MMBtu Saved**
- **505,094 Lifetime MMBtu Saved**
- **61,212 Metric Tons of Greenhouse Gas Emissions Avoided**
- **9,123 Program Participants**
- **$12.4 Million in Lifetime Electric Bill Savings**
- **$8.03 Million in Lifetime Gas Bill Savings**
- **$20.5 Million in Total Economic Benefits**

The Home Energy Reports (HER) Program continued in 2019 with personalized offerings for specific customer populations. The focus in 2019 was on income eligible customers and HER customers that were high energy users. High energy users were encouraged to select a target rank so that they could view incremental behavioral improvement rather than continued messaging that they were not performing as well as efficient neighbors.

The Multifamily Program concluded 2019 with mixed results for the year. The multifamily program was challenged in meeting its 2019 electric goals due to

declining opportunities for lighting savings which make up a significant portion of the programs' savings. In contrast, the program excelled in achieving its gas goals by identifying numerous energy savings opportunities. Notably the Income Eligible Multifamily Electric program met its first annual Air Source Heat Pump (ASHP) goal, installing 76 electric Air Source Heat Pumps across three multifamily facilities. For the 2020 Annual Plan, the Income Eligible program increased its annual goal from 75 to 125 and the market rate program has set a goal of 50 ASHPs.

INCOME ELIGIBLE SERVICES

The Income Eligible Services (IES) program offers no-cost energy assessments and energy efficiency upgrades to residential income eligible customers without any financial contribution. Income Eligible Services are delivered by Rhode Island's six local Community Action Program (CAP) agencies to customers who are currently on the electric A-60 or the gas 11, 13 rates; qualify for LIHEAP funds from the State; or whose household income level falls below 60% of the Area Median Income (AMI). Participants in this program are eligible for an energy assessment of lighting, appliances, insulation, air sealing and replacement of inefficient or unsafe heating systems or appliances. All IES customers receive all services and equipment upgrades at no cost.

In 2019, the IES program conducted nearly 2,900 energy assessments, and replaced an unprecedented amount of inefficient air conditioners. 2019 was the first full year of the heating electrification program to replace electric resistance or displace oil or propane heating sources with high-efficiency Cold Climate Air Source Heat Pump heating solutions. 12 homes were upgraded from electric resistance to the high efficiency ASHPs which will save customers money. A Process Evaluation was conducted on the IES Program resulting in recommendations for improving the current delivery of the IES program delivery. These recommendations will be implemented in 2020. A Standardization Group was formed to assess the current, and future, state of the RI WAP/IES program to continually improve standardization across RI CAPs.

Overall, in 2019, IES achieved 78**%** of the gas annual energy goal and 78% of the electric annual energy goal. 2019 electric savings were lower than expected due to fewer opportunities to replace inefficient light bulbs and appliances and insufficient auditor staffing to meet the goals.

Income Eligible Program/WAP Collaborative

National Grid's Income Eligible Services are administered along with related and complementary federal, state, and local programs in collaboration with Rhode Island Department of Human Services (DHS), the CAP agencies, and other local agencies.

Low Income Home Energy Assistance Program (LIHEAP)

The Low-Income Home Energy Assistance Program (LIHEAP) block grant is funded through the U.S. Department of Health and Human Services. The purpose of LIHEAP is to assist Rhode Island's income eligible households in meeting the increasing costs of home energy and reduce the severity of any energy-related crisis. Rhode Island's LIHEAP is administered by the Rhode Island Department of Human Services (DHS) Individual and Family Support/ Community Services Division. LIHEAP intake and outreach are provided by the six local CAP agencies. Households are determined eligible for LIHEAP assistance according to income guidelines established by DHS.

Weatherization Assistance Program

The Weatherization Assistance Program (WAP) enables income eligible families to reduce their energy bills (and helps LIHEAP funds go farther) by making their

homes more energy efficient, while addressing health and safety concerns. Funds are used to improve the energy performance of income eligible dwellings using the most advanced technologies and testing protocols available in the industry.

WAP is funded through annual appropriations from the U.S. Department of Energy's Weatherization Assistance Program and the U.S. Department of Health and Human Services. The state allocates 15% of its annual LIHEAP funding to weatherization.

COMMERCIAL, INDUSTRIAL & PUBLIC PROGRAMS AND INITIATIVES

Large Commercial and Industrial Programs

National Grid offered four types of energy efficiency programs for commercial and industrial class customers. Depending on the customer's energy consumption and demand they could be eligible to participate in one or more of the four main energy efficiency programs.

- *Large Commercial and Industrial New Construction:* Focused on offerings that target ground up new construction, major renovations, tenant fit-outs and end of life replacement equipment.
- *Large C&I Retrofit:* Focused on all services and technologies towards retrofits needed for existing buildings.
- *Small Business/ Direct Install:* Focused on providing turn-key solutions to many types of small businesses. (Note: restricted to customers who consume less than 1,000,000 kWh per year)
- *Active Demand Response Program:* Focused on reducing peak electric demand and associated costs for large and small commercial customers.

In addition to the four main efficiency programs, National Grid established a Market Sector Approach for commercial and industrial programs. The Market Sector approach allowed National Grid to provide customized efficiency solutions that aligned with the customers' needs, therefore increasing participation in energy efficiency. The following market sectors were incentivized in 2019: Grocery, Municipal and State Buildings, State Strategic Energy Management Planning, Manufacturing/Industrial, K-12 schools, Hospitality (Restaurants and Lodging), Specialty Building (Farm/Agriculture and Extended Care Facilities), Hospitals, Colleges and Universities, Commercial Real Estate, and Multifamily.

2019 LARGE C&I RESULTS

- **78,151,830 Annual MWh Saved**
- **951,699 Lifetime MWh Saved**
- **220,054 Annual MMBtu Saved**
- **2,243,770 Lifetime MMBtu Saved**
- **524,613 Metric Tons of Greenhouse Gas Emissions Avoided**
- **3,631 Program Participants**
- **$163 Million in Lifetime Electric Bill Savings**
- **$32.6 Million in Lifetime Gas Bill Savings**
- **$195 Million in Total Economic Benefits**

Commercial New Construction Program

The Commercial New Construction Program encourages energy efficiency in new construction, major renovations, planned replacement of aging equipment, and replacement of failed equipment through financial incentives and technical assistance to developers, manufacturers, vendors, customers, and design professionals. The program supports both the commercial and industrial new construction projects with proactive technical assistance during design with

energy modeling and analysis.

In 2019 the Company continued outreach on Accelerate Performance, a demonstration started in 2018, for New Construction projects. Accelerate Performance is a performance-based procurement process whereby the Company engages with developers and building owners early in the project process and helps the owner set Energy Use Intensity (EUI) goals before an RFP is issued to engage a design team. This goal of this demonstration is to achieve deeper energy efficiency savings for New Construction projects.

While we did not have participation in 2019, in Accelerate Performance, we did engage with two potential customers who the Company's hopes to enroll in this demonstration in 2020.

In 2019 the New Construction Program performed well and exceeded goal. Comprehensive projects included higher education buildings, like the University of Rhode Island Engineering Building, Barrington Middle School, an office campus for large bank headquartered in Rhode Island. New Construction projects also included equipment replacement for large industrial customers and health care customers, among others.

Large Commercial Retrofit Program

The Large Commercial Retrofit Program incentivizes the replacement of existing equipment and systems with energy-efficient alternatives when the customer might otherwise not plan on making efficiency investments. The program offered three distinct components that aimed to address specific market barriers and to advance efficiency:

- *Prescriptive Pathway:* Prescriptive incentives supported trade allies in advancing energy efficiency sales and provide signals to customers to make direct purchases that encouraged the adoption of more efficient and cost-effective options.
- *Custom Pathway:* Custom incentives provided services to investigate opportunities to increase efficiency and support the steps needed to implement the upgrades.
- *Upstream Pathway:* Upstream incentives provided an efficient way for customers to receive reduced pricing at the point of sale for energy efficiency equipment.

In 2019, National Grid had several notable developments in the Large Commercial and Industrial space. The Company expanded the retrofit program by adding upstream product offerings and increased customer engagement in the industrial, grocery, and municipal verticals. Additionally, the Company continued its Strategic Energy Management Planning (SEMP) partnerships by renewing one of the six customers to non-binding Memorandum of Understanding's with annual energy reduction goals. In 2020, the Company will look to expand the reach of the SEMP Initiative with colleges and universities, municipal and State-owned buildings, and hospitals. In 2019, the Company also claimed electric savings for the Strategic Energy Management (SEM)/ Continuous Energy Improvement (CEI) demonstration for industrial customers. The Rhode Island cohort of industrial customers meet regularly for workshops and energy treasure hunts to undercover operation and maintenance savings.

Industrial Initiative

The Industrial Initiative leverages the world-renowned engineering firm Leidos, who partners with industrial customers to implement energy efficiency upgrades. In 2019, the Industrial Initiative delivered substantial savings to Rhode Island manufacturers while also exceeded goals for both electric and gas savings. In 2019, approximately 100 project applications were paid to over 40 unique industrial customers. The program continued to focus on comprehensive custom process measures ranging from installing variable frequency drives to cooling towers. In addition to serving larger industrial

customer, Leidos also assisted several smaller customers between 200-400 kW. Project highlights from smaller-scale customers include the installation of an electric molding machine for a packaging manufacturer, and the installation of a new laminator for a food packaging company that expedited the assembly line and reduced energy costs. Project highlights from larger-scale customers include the installation of an energy efficient emissions control system at a manufacturing facility, and a project that resulted in a more efficient steel plate bender for a shipbuilding company.

EnergySmart Grocer Initiative

The EnergySmart Grocer (ESG) initiative delivered cost effective, comprehensive energy savings in the Grocery market segment in 2019 by providing 3,834 net annual MWh and more than 2,500 gross annual MMBtus in annual savings. The Company would like to highlight two projects that were completed in 2019 for smaller sized grocery customers.

A Market, a staple for the Newport community for over 25 years, recently moved their store three doors down from their previous location. In making this move, they also implemented a comprehensive energy efficiency plan. Included in this upgrade were the store's lighting, HVAC, kitchen equipment, refrigeration equipment and backend refrigeration system.

Urban Greens Co-Op in Providence installed night covers on their produce case and doors on a meat case. Additionally, they installed two CaptiveAire kitchen exhaust hoods with Variable Frequency Drives (VFDs). The project saved 4,600 gross annual kWh and 85.8 gross annual MMBtus.

Combined Heat and Power Program

Combined heat and power (CHP) systems are a cost-effective way for customers to achieve energy savings and improve resiliency. Customers who install CHP generate electricity on-site and captures the thermal load for process related needs, thereby eliminating the requirement to procure additional non-electric energy. While the total energy savings from CHP can be substantial, implementing CHP can be challenging due to the long-lead times, complex technical requirements, and substantial capital investments. In 2019, National Grid pursued a 630kW CHP system at a wastewater treatment facility. The treatment facility will leverage its operational byproduct (sludge) as a biomass to fuel the CHP system. While the project made substantial progress in 2019, the CHP system was not able to interconnect before year end.

2019 SMALL C&I RESULTS

- **12,528,999 Annual MWh Saved**
- **153,097 Lifetime MWh Saved**
- **2,938 Annual MMBtu Saved**
- **33,233 Lifetime MMBtu Saved**
- **67,001 Metric Tons of Greenhouse Gas Emissions Avoided**
- **2,322 Program Participants**
- **$23.7 Million in Lifetime Electric Bill Savings**
- **$480,769 in Lifetime Gas Bill Savings**
- **$24.2 Million in Total Economic Benefits**

Solid State Street Light Initiative

The National Grid Solid-State Street Light Initiative provided energy efficiency incentives for street lighting and controls to municipal customers. There are two options for participating in this initiative, customer owned, and Company owned.

- *Customer Owned Street Lighting-* Rhode Island municipal customers are now eligible to purchase their own

streetlights from National Grid. Incentives are being offered for solid state lighting and controls, as funding allows. In addition to the funding offered by National Grid, the Office of Energy Resources continues to accept applications for street lighting grant funding from communities.

- *Company Owned Street Lighting* – National Grid filed a company owned street lighting tariff in 2016. If the municipal customer prefers to continue leasing their streetlights from National Grid, the customer will receive the incentive and the Company will claim the savings.

In 2019, the Solid-State Street Lighting Initiative awarded over $300,000 in incentives to 11 different municipalities, resulting in approximately 1,515 MWh of annual electric energy savings. One of the highlights from the Solid-State Street Lighting Initiative included the Pawtucket streetlight and controls project which resulted in the installation of 6,062 street lighting fixtures and over 10,200 MWh of lifetime electric savings.

Commercial ConnectedSolutions

The Company implemented an active demand reduction program in 2019 after having run the program as a demonstration in 2017 and 2018. Under the active demand reduction approach, customers agree to reduce their electric use during the system peak. In 2019, the Targeted Dispatch measure of the Commercial ConnectedSolutions program curtailed and averaged 31.5 MW with 115 customer accounts participating in one event over the summer. In December of 2019, the Rhode Island Public Utility Commission clarified that solar and storage over 25 kW can be eligible for net metering so long as the storage is charged from the solar and not from the grid.

Small Business Direct Install Program

National Grid's Small Business Direct Install program is a retrofit program that provides turnkey services to customers that consume less than 1,000,000 kWh per year. As part of the program, customers receive a free on- site energy assessment and a customized report detailing recommended energy efficient improvements. National Grid then completes retrofit installations at the customer's convenience. In 2019, the program served small businesses of all types including restaurants, non-profits, and small offices.

National Grid pays up to 70% of installation and equipment costs and customers can finance the remaining share of the project over as many as 60 months (typically 24) on their electric bill, interest free, using the Small Business Revolving Loan Fund, providing that funds are available.

Several projects were completed in 2019 for small business customers.

- RISE provided a major lighting retrofit to Stateline Nissan, saving them over 107,000 annual kWh, or about $16,000 per year on their electric bill. The customer was very impressed at the impact the upgrade had to their site, especially the showroom where their illumination of the dealer's inventory has been greatly improved.

- RISE served the RI Society for the Prevention of Cruelty to Animals (SPCA) with a 100% incentive offer as a part of a special initiative to drive projects in the late summer months in RI. This project included a complete retrofit of the interior and exterior lighting, including controls (occupancy sensors), and five WiFi thermostats. This retrofit is expected to save over 24,300 annual kWh. This project is expected to save the SPCA approximately $3,650 annually in energy costs, which is a significant impact for this type of organization. The SPCA was delighted with the installations and the impact it had on their space. The lighting will better highlight the adoptable pets, allow the vets to have better lighting

conditions for the procedures they carry out, and the WiFi thermostats will allow for a more comfortable space.

- RISE completed a large, interior and exterior LED retrofit lighting project at MacColl YMCA in Pawtucket, creating a much better illuminated space for the staff and patrons. This project covered several areas including the gym, kitchen, child care center, and parking area. It was a broad mix of re-lamp/re-ballast and new fixture installs. This project saved over annual 260 MWh, or nearly $39,000 of the customer's annual electric energy cost.

In 2019, National Grid continued to utilize the existing contractor/electrician base through the Customer Directed Option (CDO) where customers are allowed to use their own contractors in conjunction with the expertise of the lead vendor in the Small Business Program. These additional "feet on the street" are helping the program maintain its success even as some segments continue to be successfully served through other paths. In 2019, 30% of savings in the SMB/DI program came from CDO contractors.

Farm Energy Efficiency Program

The Farm Energy Efficiency Program offers Rhode Island agribusinesses incentives for prescriptive energy efficiency measures. Program participants receive a free on-site energy assessment and a report detailing recommended energy-efficient improvements. Farmers or agribusiness owners can then choose to install any number of recommended electric or delivered fuels measures. Delivered fuels measures are eligible for incentives equal to 75% of their installed costs. Electric measure incentives vary depending on the application, but any approved electric measure cost not covered by an incentive can be paid back, interest free, through National Grid's on-bill payment system provided that funds are available.

In 2019, 12 Rhode Island farms received no -cost, farm-specific energy assessments. With help from a University of Rhode Island Energy Fellow, additional outreach was conducted at 20 farmers markets in 15 towns across 5 counties, connecting directly with over 50 farms. Additionally, several written profiles and a short video profile were developed to highlight the success of past participants and the benefits the program has provided to their businesses. Presentations were also given at 3 workshops and further outreach was conducted via social media: Facebook and Instagram (@RIFarmEnergyResources).

State Lead by Example: State and Municipal Entities

In December 2015, Governor Gina Raimondo issued an Executive Order directing State agencies to 'Lead by Example' by achieving robust clean energy targets and developing clean energy practices. As of December 2019, Rhode Island State agencies have reduced their energy consumption by 10.5% (2014 baseline), saved $7.75 million (FY 2019) from competitive energy procurement processes, and continue to procure 50% of their electricity supply from "green" energy sources. The Lead by Example initiative is also promoting interdepartmental cooperation, unlocking opportunities to invest in comprehensive energy efficiency and renewable measures that can reduce and stabilize public sector energy costs, shrink government's carbon footprint, and support Rhode Island's burgeoning clean energy economy. Major projects completed in 2019 include, the deployment of solar PV installations on the Attorney General's new building, Camp Fogarty National Guard campus, and two buildings at Rhode Island College, the continued conversion of State and municipal streetlights to cost-effective LEDs, and the expansion of electric vehicle charging infrastructure across the State, and a number of interior LED lighting retrofits and HVAC upgrades at State facilities.

The programs and initiatives spurred by the Lead by Example executive order are also available for municipalities and quasi-

public agencies. Specifically, public entities can receive technical assistance, and in some cases financial support, from Rhode Island's Office of Energy Resources and National Grid to better manage their energy bills through Portfolio Manager (a free online tool from the U.S. Environmental Protection Agency), improve the energy efficiency of their buildings, install renewable energy systems and electric vehicle charging infrastructure, and purchase all-electric or hybrid fleet vehicles. Lead by Example efforts are meant to serve as a model for businesses, organizations, and citizens as we all work together to move Rhode Island toward a more secure, cost- effective, and sustainable energy future.

Key 2019 Lead by Example accomplishments include:

- Supporting the installation of solar arrays on four state buildings
- Continued support of State and municipal LED streetlight retrofits, with 60% of all Rhode Island streetlights now converted
- Ensuring that 50% of electricity consumed by State facilities comes from renewable energy resources
- Reducing the energy consumption across State facilities by 10.5% compared to 2014 baseline
- Supporting the installation of 24 new dual port electric vehicle charging stations at facilities across the State
- Participating in a Demand Response Program to reduce peak energy demand and generate revenues for the State
- Promoting the State's first voluntary building Stretch Code
- Developing and managing competitive electricity and natural gas supply contracts for all state agencies
- Utilizing a centralized utility bill payment system for all state agencies that saves money by avoiding late fees and increasing staff efficiency
- Converting multiple facilities lighting to LED
- HVAC and control improvements at Powers Building (DOA), the RI State Police Barracks, and the Department of Labor and Training.
- Installation of a high-efficiency chiller in the Powers Building (DOA)

COMMERCIAL, INDUSTRIAL & PUBLIC FINANCE

Large C&I Revolving Loan Fund

Through the electric Large Commercial and Industrial (LC&I) revolving loan fund, the Company offered $6.42 million in on-bill financing to 47 large commercial customers through 68 loans resulting in electric savings of 9,253 net annual MWh. At the end of 2019, the fund had a balance of $7.0 million, money that will be available for more loans in 2020 and in the future.

Through the gas LC&I revolving loan fund, the Company offered $0.9 million in loans to 12 large commercial customers resulting in gas savings of 25,328 net annual MMBtu. At the end of 2019, the fund had a balance of $0.3 million, money that will be available for more loans in 2020 and in the future.

The Company continued to manage a revolving loan fund in support of the Rhode Island Public Energy Partnership (RIPEP). No customers participated in this offering in 2019. At the end of 2020, the fund had a balance of $321,649.

Small Business Revolving Loan Fund

Of the 635 customers that participated in the Small Business Direct Install program, each received financing to cover 30% share of the project costs, either over 24 months at 0% interest or a lump sum payment with a 15% discount. Overall, the Small Business

Revolving Loan fund was able to provide $1.5 million in loans that led to more than 12,529 MWh in net annual energy savings. At year end, the fund had a balance of $2.55 million.

Efficient Buildings Fund (EBF)

Since 2015, National Grid, the Rhode Island Office of Energy Resources (OER), and the Rhode Island Infrastructure Bank (RIIB) have been working together to leverage system benefit charge (SBC) funds and drive energy improvements in facilities in cities and towns across Rhode Island.

The seed money to support this unique revolving loan fund came from a $1.8 million allocation of ratepayer funds (system benefit charge), mandated by state law, and $3.0 million in funds from the Regional Greenhouse Gas Initiative (RGGI) controlled by OER. In addition, National Grid, based on a request from RIIB, and working in conjunction with the Technical Working Group each program year, agreed to transfer $5 million in energy efficiency program funds to RIIB in 2019 and $5.2 million in 2020 to support the EBF These transfers were included in their respective Energy Efficiency Plans and related budgets.

In 2019, the EBF helped support energy efficiency projects in the towns/cities of Pawtucket, Barrington, Cumberland, East Providence, West Warwick, and Westerly. EBF helped Pawtucket continue its comprehensive installations of energy efficient equipment in several city buildings and begin LED streetlight retrofitting. The Town of Barrington utilized EBF financing to begin comprehensive renovations to their public library and senior center. The city of East Providence used EBF to begin the process of LED streetlight conversion. 2019 was the most successful year in EBF since inception with 1,858 net annual MWh claimed. The vast majority of these savings came from converting streetlights from less efficient technologies to LED.

Commercial Property Assessed Clean Energy (C-PACE)

National Grid has one C-PACE project in progress with the City of Providence. However, no gas or electric savings were claimed related to this project in 2019. Outreach by the Rhode Island Infrastructure Bank and National Grid will continue in 2020.

Other commercial financial developments

National Grid is committed to making sure that customers have a robust selection of financial mechanisms that have proven themselves successful in other programs across the United States and Canada. In 2018, National Grid began discussing Metrus Energy's Efficiency as a Service offering with select customers Metrus has completed projects with numerous Fortune 500 companies across the United States. Metrus has restricted this offer to customers with a combined energy gas and electric spend of greater than $1,000,000 dollars annually. There were no completed projects supported by Metrus in 2019.

CROSS-SECTOR PROGRAMS

Community Initiative

In 2019, the Community Initiative engaged the largest number of municipalities since the program's inception, launching campaigns in five municipalities. The cities and towns of Glocester, Westerly, Portsmouth, Middletown and Newport all participated in the initiative. Specified metrics were again set for these new participants including residential energy assessment goals, weatherization jobs, Wi-Fi thermostats, Small Business projects, homes converted to mini-split heat pumps, and refrigerators recycled. New for 2019, the program also set goals for demand response program participation. All communities had great success and surpassed their stretch goals for home energy assessments, a 25% increase over the prior year's participation, along with many other goals.

The participating communities, along with the Company, engaged residents and small businesses beginning in the summer and running through December. Custom marketing materials were created, along with social media and webpage postings, and letters from municipal leadership. Local events were attended by Company vendors to enroll customers in the EnergyWise home energy assessment program. For small business customers in the communities of Westerly and Newport, the Company and its vendor created a "Main Street" approach, whereby local businesses, on select days, received no cost direct install measures at their place of business and an opportunity for greater measure installations in the near future.

Codes and Standards

The Codes and Standards initiative provides targeted stakeholder outreach and technical guidance to improve compliance with minimum energy efficiency policies currently in effect and accelerate the improvement of these minimum efficiency requirements. In 2019 the Company continued to expand its energy code compliance support services to a variety of stakeholder groups and directly supported enhancements of the state's energy code for the first time.

In 2019, the Code Compliance Enhancement Initiative (CCEI) conducted 46 training events across the state with 823 total attendees. Both metrics continue to increase year-over-year.

CCEI trainings continue to draw diverse attendees. While code officials remain the primary audience, student engagement was a particular focus in 2019.

In addition to trainings, CCEI also provides project-specific technical assistance as well as development and dissemination of energy code documentation/compliance assistance tools.

The Company submitted 11 code change proposals as part of the state's 2018 IECC adoption process, which began in fall 2019. The primary goal of these proposals is to remove previous amendments to the state's energy code that weaken its energy savings potential.

The Company also continues to support awareness and use of the RI Stretch Code through CCEI, including promotion at every training event and fundamental technical guidance.

Students trained on the energy code and building best practices in partnership with RIBA's Construction Career Pre-Apprenticeship Program (East Providence)

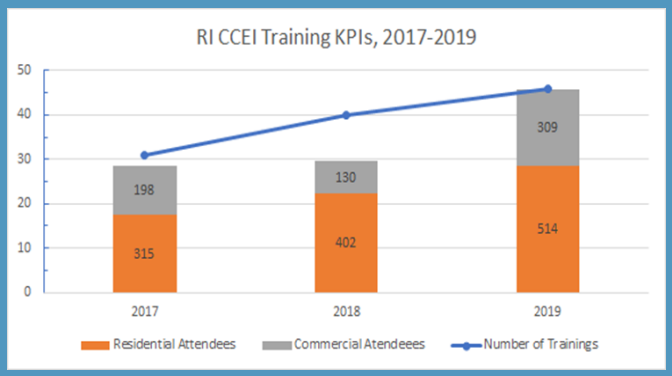


Figure 4. Key Performance Indicators (KPIs) for Code Compliance Enhancement Initiative (CCEI)

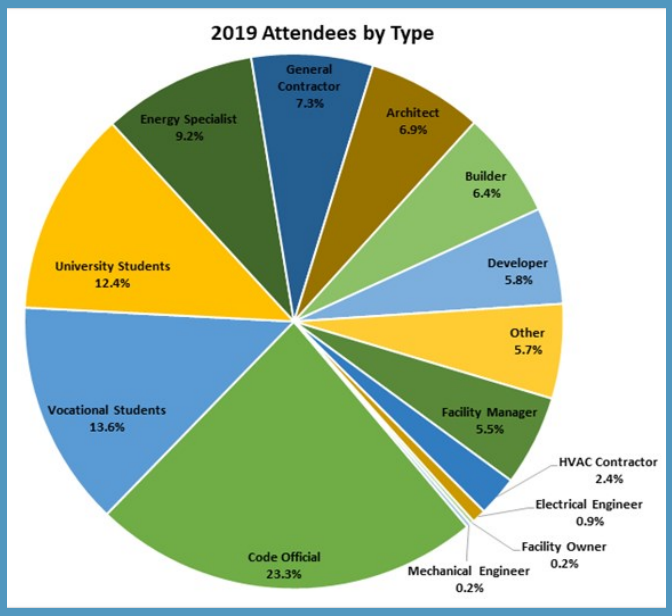


Figure 5. 2019 Code Compliance Enhancement Initiative (CCEI) training attendees by type

Block Island Energy Efficiency Program

Through the Regional Greenhouse Gas Initiative (RGGI), proceeds were allocated to the Block Island Utility District to support the development and delivery of cost-effective energy efficiency programs and incentives to customers over three years. In 2019, OER worked in coordination with Block Island Utility District management and customers to develop their first Energy Efficiency Plan to leverage utility and RGGI funds to implement cost-effective efficiency measures in the community of New Shoreham. This program is anticipated to begin in 2020, pending Public Utility Commission approval, and is modeled on the Block Island Saves Pilot Program, which ran from 2015-2017.

Block Island Saves was a pilot program to deliver energy efficiency assessments, education, incentives, and rebates to New Shoreham year-round residents and small businesses. The New Shoreham community faced unique energy challenges prior to 2017, including high energy prices stemming from electricity generation powered by imported and price-volatile diesel. The recent construction of North America's first offshore wind farm three miles off the coast of Block Island also resulted in connecting the island with the mainland electric grid. This connection has helped stabilize electric prices while strengthening reliability. However, reducing energy use on the island remains critical to ensuring long-term energy affordability and reliability for this important and unique community.

OER collaborated with National Grid to leverage best practices for program development and energy efficiency offerings in the pilot were carefully chosen to align with existing programs available elsewhere in Rhode Island.

Over the course of the pilot, 79 residents and 31 businesses received free energy assessments, along with rebates and incentives for energy efficiency upgrades. These energy efficiency improvements will save 3,600 MWh of electricity over the lifetime of the improvements (equivalent to the electricity needed to power over 500 Rhode Island homes for one year), in addition to 4,800 MMBtu of oil and 2,300 MMBtu of propane.

Participants were able to decrease their energy bills, too. In total, program participants are saving an aggregate $597,968 (residential) and $714,396 (business) over the lifetime of the efficiency upgrades.

The final report on the Block Island Saves Pilot Program is available on OER's website.

Energy Efficiency in Pascoag Utility District

Through the Regional Greenhouse Gas Initiative, proceeds were allocated to support the accelerated adoption and delivery of cost-effective energy efficiency measures by customers located in the Pascoag Utility District. OER worked with Pascoag Utility District management to begin implementing elements of the multi-year strategy they jointly developed in 2018, starting with a significant increase in home energy audits. In 2019, the Utility District was able to increase the number of home energy audits ten-fold, from 12 to 120, vastly expanding the reach of their efficiency programming. In conjunction with OER and their efficiency consultant, Pascoag staff began optimizing program incentive levels and streamlining program delivery to better encourage and facilitate the adoption of energy efficiency in homes and businesses.

Zero-Energy Buildings (ZEB) Task Force and Working Group

In 2019, the "Path to Zero Ready" program continued to introduce zero energy building strategies in order to grow the zero energy home market. The Path to Zero Ready Program focused on four key elements:

- *Education and Awareness:* In an effort to raise awareness of the design, construction, benefits and beauty of zero energy homes in RI, 13 zero energy presentations were held in 2019 with 248 attendees. In addition, tours of zero energy homes were conducted to provide hands on learning for building professional and customers.

- *Workforce Development:* In 2018, the Zero Energy Advisory Group was created. The Group is comprised of eight Rhode Island construction professionals at different stages of understanding of the zero-energy building market. A spirit of collaboration is the hallmark of the group as they strive to create momentum in the zero energy and zero energy-ready markets. Members meet periodically over the year to refine best practices and marketing opportunities.

  Support for architectural drawing revisions as well as a design charrette were conducted through this program to provide technical support to facilitate decision-making as project teams evaluate the opportunity to build a zero -energy ready project.

  A series of infield trainings were held at a development in North Kingstown to demonstrate Zero Energy construction techniques including the framing stage, the rough stage before insulation, and at the point of final inspection

- *Project Incentives:* In addition to the technical support and financial incentives provided through the RNC program, a project that commits to zero energy ready can receive additional technical support as well as additional incentives for meeting the RI Stretch Code or being PV and EV ready.

- *Marketing:* National Grid held a strategic planning session to gather input and insights as to how to create a market for Zero Energy Homes – who to target, how to learn from and leverage what's currently working and develop priorities and next steps to move the local market forward.

Attendees at Zero Energy Building Forum, a free half day workshop for commercial and residential buildings design and development professionals (Tiverton)

Building Operator Certification

In 2019, the Company sponsored discounted or free Building Operator Certification (BOC) to 18 building operators in Rhode Island. Those that completed the course are expected to benefit from holding the professional BOC credential, being better able to communicate with occupants about maximizing facility efficiency, being able to identify low-cost energy conservation opportunities, and knowing how to implement best practices in preventative maintenance.

Rhode Island Energy Innovation Hub

The Energy Innovation Hub (Hub) is a community engagement destination designed to provide a hands-on opportunity for customers to learn about energy efficiency, renewable technologies, electric vehicles, state energy goals, and a vision for a clean energy future. The Hub content, and knowledgeable staff and energy interns, provide information to customers to empower them to take action to reduce their energy use, adopt smart technologies and learn about renewable power and electric vehicles. The space and its exhibits showcase: (a) energy solutions accessible to all customers; (b) innovative advancements for system reliability; and (c) a vision of a sustainable energy future. Visitors learn about technologies available to create smart, energy-efficient homes and businesses, renewable technologies, demand response, electric vehicles, storm management, and core services that the Company provides. In 2019, the Energy Innovation Hub hosted 1,376 customers via on-site meetings, trainings, tours, events and walk-in customers.

INCENTIVES BY TOWN

Table 1. National Grid Gas and Electric Energy Efficiency Incentives Provided to Residential, Commercial and Industrial Customers in 2019

Barrington	$1,397,624	New Shoreham	$5,683
Bristol	$1,841,043	Newport	$5,048,264
Burrillville	$434,584	North Kingstown	$4,724,340
Central Falls	$485,880	North Providence	$1,350,793
Charlestown	$558,370	North Smithfield	$1,292,115
Coventry	$2,276,976	Pawtucket	$4,142,352
Cranston	$7,798,302	Portsmouth	$1,530,578
Cumberland	$2,493,738	Providence	$26,806,775
East Greenwich	$1,486,839	Richmond	$472,342
East Providence	$4,211,258	Scituate	$1,143,611
Exeter	$556,004	Smithfield	$2,350,751
Foster	$224,051	South Kingstown	$2,512,664
Glocester	$552,456	Tiverton	$1,050,491
Hopkinton	$398,392	Warren	$1,045,506
Jamestown	$372,893	Warwick	$7,645,382
Johnston	$2,685,268	West Greenwich	$1,116,009
Lincoln	$2,373,987	West Warwick	$2,301,756
Little Compton	$213,453	Westerly	$1,638,996
Middletown	$1,049,934	Woonsocket	$2,837,517
Narragansett	$2,671,304	**Grand Total**	**$103,098,284**

COUNCIL PUBLIC EDUCATION EFFORTS

2019 EERMC PUBLIC FORUM

On October 29, 2019, URI Cooperative Extension assisted the EERMC in hosting its annual public forum at Ironworks Tavern in Warwick, RI. Titled "Building Rhode Island's Workforce with Energy Efficiency Programs", the event saw over 70 industry professionals and decision-makers come together for a keynote address from Carolyn Sarno-Goldthwaite of the Northeast Energy Efficiency Partnerships, followed by two panels, each with three speakers and a moderator. The first panel, "Jobs in Energy Efficiency", featured representatives from the BW Research Partnership, Building Future RI and the RI Department of Labor and Training. The second panel, "Industry Innovation", featured industry leaders representing Viessman, Stephen Turner, Inc. and the Oil Heat Institute discussing the role of businesses in training new and incumbent workers in light of new policies and incentives that are changing the energy landscape. Attendees also heard from EERMC Chair Chris Powell and EERMC member Karen Verrengia who talked about the Council and how to engage in the energy efficiency planning process. The forum closed with a robust and illuminating dialog among attendees and speakers around the challenges and opportunities related to workforce and efficiency.

PLUGGED INTO ENERGY RESEARCH LECTURE SERIES AT THE UNIVERSITY OF RHODE ISLAND

Since 2015, the University of Rhode Island's Plugged into URI Energy Research (PIER) Lecture Series has provided stakeholders with research-based information on important energy topics and highlighted ongoing academic energy research. In 2019, the EERMC sponsored two evenings of lectures themed around real-time energy management and energy equity. On December 5, 2019, speakers on real-time energy management included Dr. Valerie Maier-Speredelozzi, Associate Professor in the URI Department of Industrial & Systems Engineering, Ron Gillooly, Industrial Energy Program Director at Leidos and Jeff Broadhead, Executive Director of the Partnership for Rhode Island Streetlight Management. On December 9, 2019, speakers on energy equity included Yasmin Yacoby, Energy Justice Program Manager of the RI Office of Energy Resources, Marty Davey, Director of Product & Service Development at New Ecology, Inc. and Sam Ross, Consultant with Optimal Energy. There were 90 attendees between to the two evenings, including energy professionals, equity professionals, students, educators and members of the general public.

2019 COMBINED HEAT AND POWER PUBLIC MEETING

On May 2, 2019, the EERMC hosted the Annual Rhode Island Combined Heat and Power (CHP) Public Meeting at the Energy Innovation Hub in Providence. As part of a legislative mandate, these meetings are designed to collect stakeholder feedback on challenges and opportunities related to the state's CHP program. The meetings also serve to inform developers and potential participants on program details, any updates for the current year, and finance options. This year the majority of attendees were CHP developers or vendors who provide related technical assistance or financing. RI Energy Efficiency and Resource Management Council (EERMC) members Karen Verrengia and Tom Magliocchetti welcomed attendees and introduced the Council and its purpose. Representatives of National Grid and the Rhode Island Infrastructure Bank (RIIB) presented on program updates and finance opportunities. This year's meeting also featured a representative of the CHP Technical Assistance Partnership between the U.S. Department of Energy and the University of Maine, which provides technical assistance and resources for CHP projects in the northeast. Attendees had the opportunity to ask questions and communicate their on-the-ground perspectives of implementing CHP projects in Rhode Island.

FARMER EDUCATION

Due to the volatile nature and seasonality of many farm businesses, keeping costs low is vital to their success. However, participation in the half-dozen available farm energy programs has remained low. Conversations with stakeholders, energy program administrators, and National Grid suggest low participation is due, in part, to a lack of knowledge of available programs. In 2019, the EERMC and National Grid co-funded an Energy Fellow (University of Rhode Island student) from March through December to assist with outreach to the farm community regarding energy management. Outreach was conducted at 20 farmer's markets in 15 towns across 5 counties, connecting directly with over 50 farms. The Energy Fellow also developed a Farm Energy Guide which helps farmers navigate the many energy programs and incentives available to them. Additionally, several written profiles and a short video profile were developed to highlight the success of past participants and the benefits the program has provided to their businesses. Presentations were also given at 3 workshops and further outreach was conducted via social media: Facebook and Instagram (@RIFarmEnergyResources).

NATIONAL GRID 2019 ENERGY EFFICIENCY WORKFORCE STUDY

National Grid hired Guidehouse, Inc. (formerly Navigant) to conduct a study of the job impacts from National Grid's energy efficiency programs in 2019. The study estimates the number of full-time equivalent (FTE) employees engaged in all aspects of energy efficiency programs where National Grid provided funding support in 2019.

The FTE counts cover a wide range of energy efficiency services, including independent contractors and plumbers, rebate processers, engineers, and National Grid Staff. The study also includes counts of Weatherization Assistance Program (WAP) FTEs that are employed by the Community Action Program agencies that deliver low- income energy efficiency services. A complete list of all contractors and subcontractors involved in 2019 Rhode Island energy efficiency programs is included in Appendix B of this report.

The study's findings were developed through interviews with energy services and equipment vendors and National Grid contractors, as well as through a detailed review of National Grid's records of all energy efficiency measures installed in homes, apartment buildings, businesses, and industries throughout the state in 2019. Guidehouse calculated the labor hours required for each installation based on industry standards and discussions with contractor experts.

Guidehouse determined that 877 full-time equivalent (FTE) employees had work in 2019 supported by investments by National Grid in energy efficiency programs provided to its Rhode Island electricity and natural gas customers. One FTE equals 1,760 work hours, or the total of one person working 8 hours a day for 220 workdays in an average year. Because a "full-time equivalent" employee often represents the labors of more than one person over the course of a year, the number of individual workers employed as result of Rhode Island energy efficiency programs funded by National Grid is far larger than the total of FTEs. Most of the jobs supported by energy efficiency investments were local because they were tied to installation of equipment and other materials.

Table 2. Full-Time Equivalent Employment Associated with Energy Efficiency Programs in Rhode Island in 2019

PROGRAMS	TOTAL FTEs
Electric Programs	
Commercial and Industrial	265.0
Residential Income Eligible	65.1
Residential Non-Income Eligible	189.1
Gas Programs	
Commercial and Industrial	28.7
Residential Income Eligible	56.2
Residential Non-Income Eligible	218.1
National Grid EE Staffing	43.3
Total 2019 Rhode Island FTEs	**877.6**

The study also identified 1,151companies and agencies involved in National Grid's 2019 energy efficiency programs, 71% of which were located in Rhode Island. The companies identified include those whose employees are counted in the FTE analysis, as well as additional companies who assisted customers to secure equipment rebates, for example through the New Construction, Commercial Upstream Lighting, or High Efficiency HVAC programs.

The study fulfills General Law 39-2-1.2, which was enacted by the General Assembly in 2012. The study will benefit those who work in workforce development, training or those interested in the state's green jobs.

PLANNING INITIATIVES

STATE GOALS: STATE ENERGY PLAN & GHG REDUCTION GOALS

Energy 2035: The Rhode Island State Energy Plan, formally adopted in October 2015, lays out a long-term, comprehensive energy strategy for Rhode Island. The vision of the Plan is to provide energy services across all sectors—electricity, thermal, and transportation—using a secure, cost- effective, and sustainable energy system. The Plan demonstrates that Rhode Island can increase sector fuel diversity, produce net economic benefits, and reduce greenhouse gas emissions by 45 percent by the year 2035. The Plan proposes state-of-the-art policies and strategies to achieve those goals.

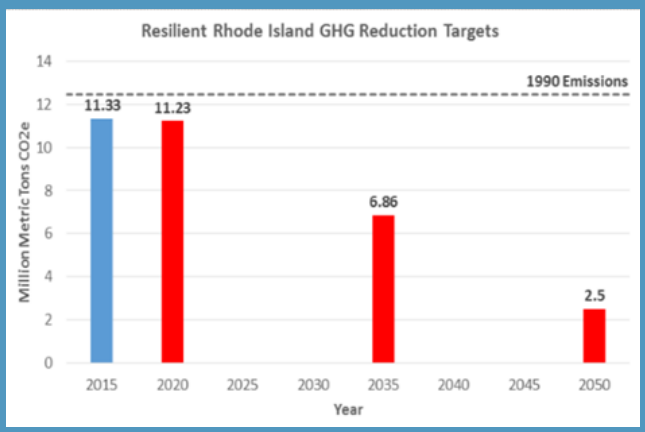


Figure 6. Resilient Rhode Island Greenhouse Gas Reduction Targets. Graph adapted from the Rhode Island Greenhouse Gas Emissions Reduction Plan.

The Plan identifies energy efficiency as the state's "first fuel" and a centerpiece strategy for achieving the Rhode Island Energy 2035 Vision. The State Energy Plan identifies energy efficiency as

the lowest-risk, lowest-cost, and arguably, the most sustainable energy resource available for Rhode Island. The Plan also lists Least -Cost Procurement as one of Rhode Island's cornerstone energy policies, and the primary vehicle for delivering the benefits of energy efficiency to Rhode Island consumers and businesses.

Since the development of the State's Energy Plan, Governor Raimondo has passed multiple Executive Orders focused on reducing greenhouse gas emissions across the state. Her Executive Order 19-06 tasked the Office of Energy Resources and the Division of Public Utilities & Carriers to create a strategy to support the decarbonization of Rhode Island's heating sector. In 2020, Executive Order 20-01 also committed the state to 100% renewable electricity by 2030. To achieve the objectives of these Executive Orders, the Energy Efficiency and Resource Management Council is working closely with the Office of Energy Resources to ensure that Rhode Island's energy efficiency programs are laying a strong foundation for the necessary energy demand reduction.

MARKET POTENTIAL STUDY & SAVINGS TARGETS SETTING

In preparation for the development of the 2021-2023 Three-Year Energy Efficiency and System Reliability Plans, the EERMC commissioned a Rhode Island Market Potential Study (RI MPS) to quantitatively assess the level of energy savings that can be achieved over the next several years. The EERMC selected Dunsky Energy Consulting to conduct the study, which covers energy efficiency, demand response, heating electrification, combined heat and power, and behind-the-meter distributed generation and renewable energy. The MPS covers calendar years 2021-2026 and will be used as a key input in the process of setting three-year Energy Savings Targets, which are developed by the EERMC and approved by the Public Utilities Commission. The study is being overseen and continuously reviewed by the MPS Management Team, which consists of the EERMC Consultant Team, the RI Office of Energy Resources and the RI Division of Public Utilities and Carriers. National Grid is also participating as appropriate.

ANNUAL ENERGY EFFICIENCY PROGRAM PLAN

In addition to the three-year plan, annual energy efficiency program plans (Annual Plans) are developed by National Grid with significant stakeholder input. These annual

plans clearly define how the energy efficiency programs will be implemented and specify how the programs will be cost-effective. The annual plans are also reviewed and ruled on by the PUC. Work on the 2021 Annual Plan will commence in summer 2020.

SYSTEM RELIABILITY PROCUREMENT

Through System Reliability Procurement (SRP), the Company identifies customer-side and grid-side opportunities that are safe and reliable, environmentally responsible, cost-effective, and provide a path to lower supply and delivery costs for customers in Rhode Island. As part of meeting this purpose, the Company develops and implements non-wires solutions.

Non-wires solutions use clean energy technologies to address electric grid needs. Clean energy technologies can include, but are not limited to, solar PV, energy efficiency and conservation, demand response, storage, and other types of renewable energy systems.

Non-wires solutions can help the grid deliver electricity to homes and businesses when electricity demand is highest, sometimes at a lower cost than upgrading the traditional wires, transformers, and substations. Non-wires solutions can also provide clean renewable energy, which may reduce net greenhouse gas emissions.

National Grid issued requests for proposals and evaluated project proposals for three opportunities for non-wires solutions in 2018-2019. While none of the proposed projects were both technically and economically viable, National Grid will continue to pursue non-wires solutions from the market for two of the three opportunities in 2020. National Grid has also identified at least one more opportunity for a non-wires solution and will pursue a third-party solution in 2020. National Grid also committed to further review of their procurement and evaluation processes for non-wires solutions to mitigate market barriers in 2020.National Grid continued enhancing the Rhode Island System Data Portal (Portal) in 2019. The Portal is an online, interactive mapping tool that provides information about National Grid's electric distribution system in Rhode Island. The goal of the Portal is to provide the market with information about grid-beneficial locations for siting distributed energy resources, like solar and energy storage. In 2018, National Grid initiated the Portal with maps that include characteristics of the distribution system, approximate levels of load on distribution lines and substations, and an annual snapshot of how much distributed generation can be hosted on each distribution feeder (called "hosting capacity").

In 2019, National Grid added functionality to the Portal maps related to electric vehicles and charging infrastructure. National Grid also added practical information about company-led procurement of non-wires solutions with links to the appropriate resources needed for third-party solution providers to take the next step. Finally, National Grid also enhanced their company website to include a series of pages about non-wires solutions and open opportunities.

National Grid continued their outreach and engagement with third-party solution providers in 2019. Market engagement is important to increase industry knowledge about grid-beneficial non-wires solutions and resources available, including the Portal and opportunities for non-wires solutions. 2019 outreach and engagement included four webinars, two in-person demonstrations of the Portal, four email campaigns, and direct vendor contact. National Grid will continue outreach and engagement through 2020, including hosting webinars and trainings.

Additional details on 2019 SRP activities and the 2020 SRP Plan can be found in the Company's 2020 System Reliability Procurement Plan Report filed in Docket 4980 and approved by the PUC on December 20, 2018.

POWER SECTOR TRANSFORMATION

In March of 2017, Governor Gina M. Raimondo charged the Public Utilities Com-

mission (PUC), the Office of Energy Resources (OER), and the Division of Public Utilities and Carriers (DPUC) with developing recommendations to advance power sector transformation (PST) in Rhode Island. The goal of the PST Initiative is to transition to a more dynamic utility regulatory framework in order to achieve a cleaner, more affordable, and reliable energy system for the 21st century and beyond. The three agencies partnered to solicit input from Rhode Island stakeholders and national experts, submitting a final Phase One Power Sector Transformation report with recommendations to the Governor in November 2017. The final report drew upon previous work to date by the EERMC, the Distributed Generation Board, the Systems Integration Rhode Island Working Group, and the PUC's Docket 4600 Investigation of the Changing Distribution System.

Following the submission of the PST report, National Grid filed an electric distribution rate case with the PUC to request the first change to electricity delivery rates since 2012 which addressed several topics identified in the PST report. In May 2018, National Grid, the DPUC, OER, and several other parties submitted a settlement agreement relative to National Grid's rate case at the PUC.

Among other items, the PUC ordered National Grid to implement two of their proposed initiatives. Through the Electric Transportation Initiative, National Grid is conducting a pilot to understand how rebates can encourage electric vehicle drivers to charge off peak, providing advisory services to fleet managers to understand the value proposition for transition to an electric fleet, providing incentives to make sites ready for electric vehicle charging infrastructure, and offering a discount on demand charges for DC Fast Charger hosts. Through the Energy Storage Initiative, National Grid is installing two battery energy storage facilities, one of which will be paired with electric vehicle charging infrastructure. OER is engaged with the implementation and evaluation of these programs; learnings will have implications for how we manage the electric distribution grid in an environment of increased transportation electrification and distributed generation. OER is also actively participating National Grid's PST Advisory Group to refine a longer-term proposal for grid modernization and to develop a business case for advanced metering functionality. National Grid is anticipated to file these two items with the PUC in 2020.

For more information on the Power Sector Transformation Initiative, please visit: www.ripuc.ri.gov/utilityinfo/electric/PST_home.html.

LOOKING FORWARD: 2020 ENERGY EFFICIENCY PROGRAM PLAN HIGHLIGHTS

2020 RESIDENTIAL PROGRAMS

Residential New Construction

In 2020 the Company will continue to work with building industry representatives to determine the cost-effectiveness of offering the zero energy ready initiatives in the RNC program. The Company will work with the Office of Energy Resources (OER) and RI Housing to support the three companies that earned a portion of the Zero Energy in the Ocean State (ZEOS) RFP funding for low – moderate income customers. continue to work with the Zero-Energy Buildings Advisory Group to develop a robust plan for residential zero energy homes.

The High-Efficiency Heating and Cooling Programs (Gas Heat Program and CoolSmart Program)

In 2020 the Company the electric heat program can only offer incentives for air source heat pumps to replace/displace electric resistance heat program to ensure that contractors are properly trained in cold climate air source heat pump (ASHP) system design and installation as well as delivering customer education. The electric heat program will focus on replacement or displacement of electric resistance heat (2020 program cannot offer program for oil/propane customers due to RI Public Utilities determination. The Company will work on determining the effectiveness of the electric heat offering to ensure customer satisfaction and use as the primary heating source. The Company will continue to deliver heat pump water heaters through an efficient and cost effective up-stream model with big -box retailers and RI distributors.

Income Eligible Enhancements

In 2020, the Program aims to develop strategies to respond to the 2019 Process Evaluation recommendations. Cold climate air source heat pumps for replacement/ displacement of electric resistance heating will continue to be offered. The IES Program will continue to participate in the Community Expos services to provide customer service and increase participation in the IES program.

Community Initiative

The Community Based Initiative in 2020 will continue the model put forward in the prior program year that emphasized the importance of achieving certain energy saving metrics to ear the grant monies that will be used on energy efficiency projects at a municipal site. The Company will recruit up to five new communities for 2020 and is looking to continue working with the Aquidneck Island communities in 2020 with measures that will drive deeper energy efficiency in those communities. The communities will again be provided with start-up funding and marketing kits to promote efficiency throughout the year.

Home Energy Reports

Target Rank reports will be run over another six months. This new approach will encourage customers to aim for higher ranking, so they know their energy saving actions are having an impact on their usage. Context-aware tips and personalized tip savings estimates will be provided in 2020.

Multifamily Program

In 2020, the company has set a goal of installing 175 ductless air source heat pumps (ASHP) to displace electric resistance heat. The Company remains committed to offering a comprehensive program that is both cost effective yet thorough in treating this diverse segment of the population. One example of this is the Company's commitment to serving non-profit group homes seamlessly through the multifamily program.

2020 COMMERCIAL & INDUSTRIAL PROGRAMS

In 2020, the Commercial and Industrial sector will focus on a number of new initiatives in effort to increase participation among smaller-to-medium sized customers, to provide services to underrepresented market segments, and to better identify energy efficiency savings opportunities. Additionally, the Company will make minor adjustments to the Targeted Dispatch and Daily Dispatch demand response initiatives to improve adoptions rates and better align load curves with curtailment.

The Commercial and Industrial New Construction program will have two significant changes compared to the 2019 program structure. First, there will be different program requirement thresholds and incentive structures from small and large buildings. Second, a tiered structure will be added to create a higher savings target and incentive rate for new construction projects that go beyond the code baseline. These changes will encourage new participation and yield deeper savings among new construction developers and building owners.

The Large Commercial Retrofit Program will launch three new initiatives aimed at increasing savings for underrepresented market segments and to provide those customers with more options to save energy. The new initiatives will center on national and regional chain restaurants, lodging, and commercial laundries.

- The Serve Up Savings Initiative will serve regional, multistate, and national restaurant chains not currently engaged in the Strategic Energy Management Planning (SEMP) partnership. The Serve Up Savings vendor will develop relationships with the key stakeholders—often the corporate Energy Manager—to motivate restaurants projects to move forward. In 2020, the Company plans to achieve 1,100 MWh and 21,000 therms in energy savings through various multi-measure installations at a minimum of 25 locations.

- The Lodging Initiative will look to serve Rhode Island hotels, motels, and resorts by offering no-cost audits to identify energy efficiency opportunities for refrigeration, lighting and controls, HVAC and controls, and kitchen equipment. For smaller hotels and motels, the program will use an inform-to-invest strategy where the success of the first project is leveraged to pursue deeper and more capital-intensive measures.

- The On-Premise Laundry Initiative will offer a suite of measures specifically catered to commercial laundry facilities, laundromats, and college and university laundry operations. The offering associated with this initiative include Xeros polymer laundry solutions and Dry Smart solutions. Due to the high cost of commercial dryer replacement, the Company has focused its offerings on a number of retrofit solutions that provide cost effective energy savings.

The Small Business Direct Install Program is eligible to commercial customer who have less than 1,000,000 kWh in annual usage. After a Small Business Energy Specialist conducts a no-cost site assessment, the Specialist works with the customer to identify strategies to pursue the appropriate energy efficiency measures. For 2020, the Small Business Direct Install Program will institute a number of changes in an effort to increase participation and to set goals/target with specific communities. For example, in 2020, the Company will continue to work with local Chambers of Commerce and other local small business groups to schedule workshops that address many of the small business needs including energy efficiency and demand response. Additionally, the Company will be working with community leaders and stakeholders to set goals for serving businesses in areas with lower incomes and those in Environmental Justice Zones.

In 2019, the Company implemented an active demand reduction program based on demonstrations done in 2017 and 2018. Under this active demand reduction approach customers agree to reduce their electric use

during the system peak. Customers participating in the Demand Response Program are free to curtail their energy use by any means in this technology agnostic program. In 2020, the Company plans to adjust the Targeted Dispatch program structure to permit weekend curtailment events for commercial and industrial customer who have weekend operations. This will enable the Company to curtail loads on weekends to prepare for future high weekend loads similar to what happened during the summer of 2019. For the Daily Dispatch program, the Company will attempt to increase adoption rates for the Commercial and Industrial energy storage incentive program and evaluate if and how the Net Metering and RE Growth programs could be adapted to allow paired solar and storage facilities greater than 25 kW.

Appendix A:

ACEEE State Energy Efficiency Scorecard

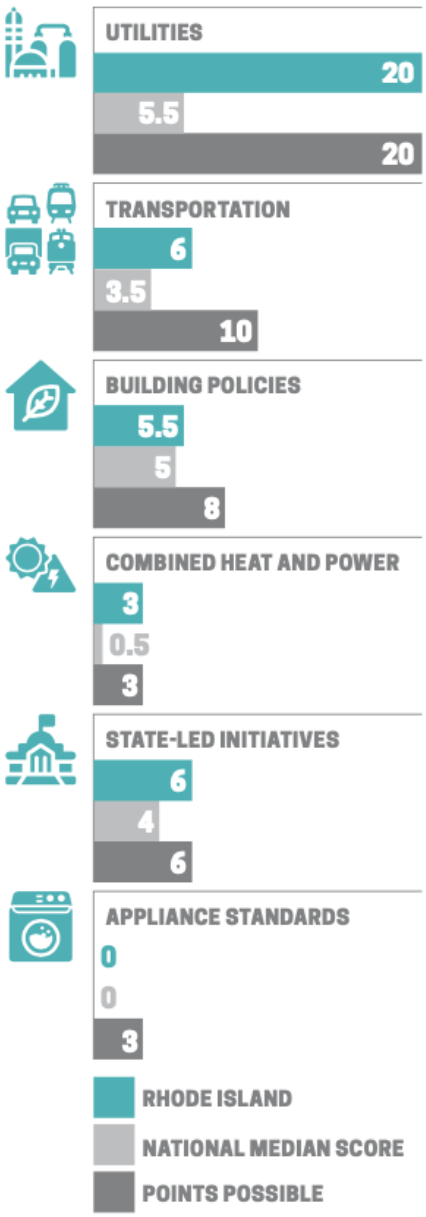
Rhode Island Summary

2019 STATE ENERGY EFFICIENCY SCORECARD

Rhode Island

3

Rhode Island tied for third in the *2019 State Energy Efficiency Scorecard*, the same position it held last year. The state earned 40.5 points out of a possible 50, a half-point less than it earned in 2018.



Rhode Island continues to rank high among the top states in the *State Scorecard*, with National Grid meeting ambitious savings targets through successful programs outlined in its three-year Least Cost Procurement Plan. Rhode Island continues to look for ways to capture untapped savings through innovative pilot programs and planning efforts intended to achieve zero-energy buildings and reduce greenhouse gas emissions.

UTILITIES (20 OF 20 POINTS)

Rhode Island earned a perfect score for its utility policies and programs for the sixth year in a row and continues to achieve among the highest levels of savings in the country. Efficiency program administrators in the state devote notable levels of funding to acquire all cost-effective energy efficiency resources. Rhode Island has set aggressive energy savings targets as part of its energy efficiency resource standard, which includes both electricity and natural gas.

TRANSPORTATION (6 OF 10 POINTS)

The state integrates transportation and land use planning, sets a goal for greenhouse gas emissions reductions from the transportation sector, and devotes significant funding to transportation initiatives. Rhode Island has set tailpipe emissions standards and passed complete streets legislation. In addition, the state has seen an increase in electric vehicle registrations and a decrease in vehicle miles traveled per capita in recent years. The state also incentivizes the creation of low-income housing near transit facilities and considers the proximity of transit facilities when distributing federal Low-Income Housing Tax Credits to qualifying property owners.

BUILDING ENERGY EFFICIENCY POLICIES (5.5 OF 8 POINTS)

New building construction must currently comply with a weakened version of the 2012 International Energy Conservation Code (IECC), although the state is reviewing the 2015 IECC. The state also has a voluntary stretch code for commercial and residential buildings. Rhode Island has completed a baseline compliance study for commercial and residential buildings and conducts an array of ongoing activities to improve compliance rates. The state has partnered with Northeast Energy Efficiency Partnerships (NEEP) to advance issuance and listings of home energy ratings. In addition, National Grid unveiled plans to construct the state's first net zero energy housing development this year as part of its Zero Ready Demonstration Program to support growth of the net zero energy home market.

COMBINED HEAT AND POWER (3 OF 3 POINTS)

The state has an interconnection standard that is favorable to combined heat and power (CHP), offers incentives for CHP deployment, and includes cost-effective and efficient CHP as an eligible resource within its energy efficiency resource standard. National Grid has also established CHP production goals and offers technical assistance. The Department of Environmental Management works to streamline air permitting for certain CHP systems. The state has also codified the use of nonwires alternatives for promoting the state's policy goals of enhancing grid reliability and resilience and includes CHP as an eligible measure.

STATE GOVERNMENT-LED INITIATIVES (6 OF 6 POINTS)

The state offers a variety of energy efficiency incentives for consumers and has an active property assessed clean energy (PACE) program. State government leads by example by requiring efficient public buildings, benchmarking energy use, and encouraging energy savings performance contracts. The University of Rhode Island Outreach Center conducts research focused on energy efficiency. The state is a member of the Regional Greenhouse Gas Initiative and reinvests cap-and-trade proceeds towards energy efficiency programs.

APPLIANCE STANDARDS (0 OF 3 POINTS)

Rhode Island is one of the few states to set appliance standards, although no standards have gone into effect in the past three years. The most recent standards were adopted in 2006 and all but two have been preempted by federal standards.

ACEEE
American Council for an Energy-Efficient Economy

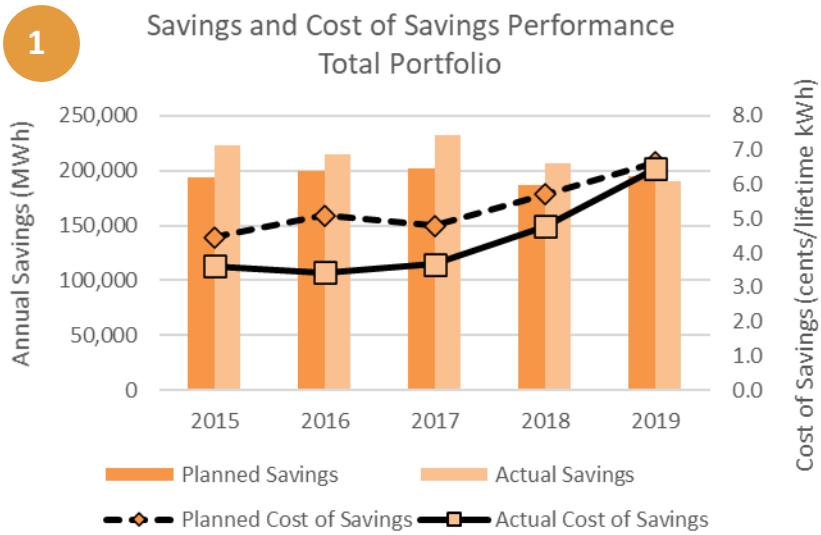
Appendix B:

Electric Program Trends Over Time

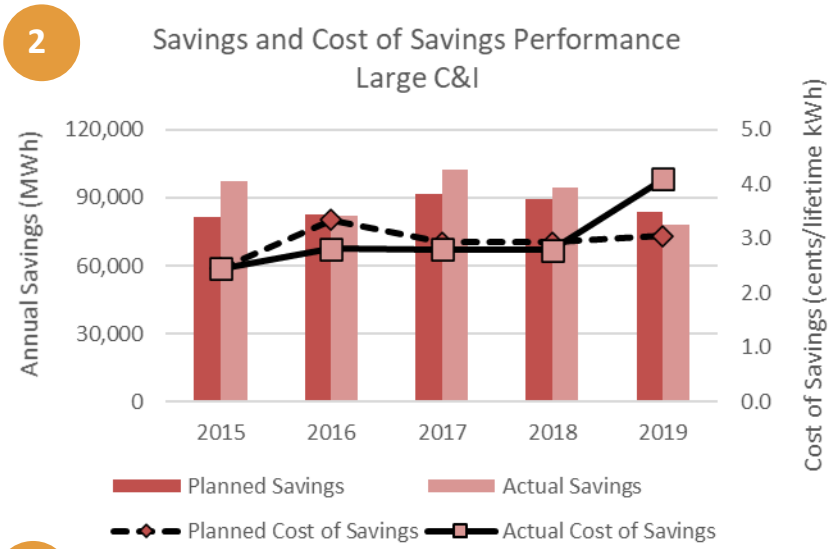
2015-2019

ELECTRIC PROGRAM TRENDS OVER TIME: 2015-2019

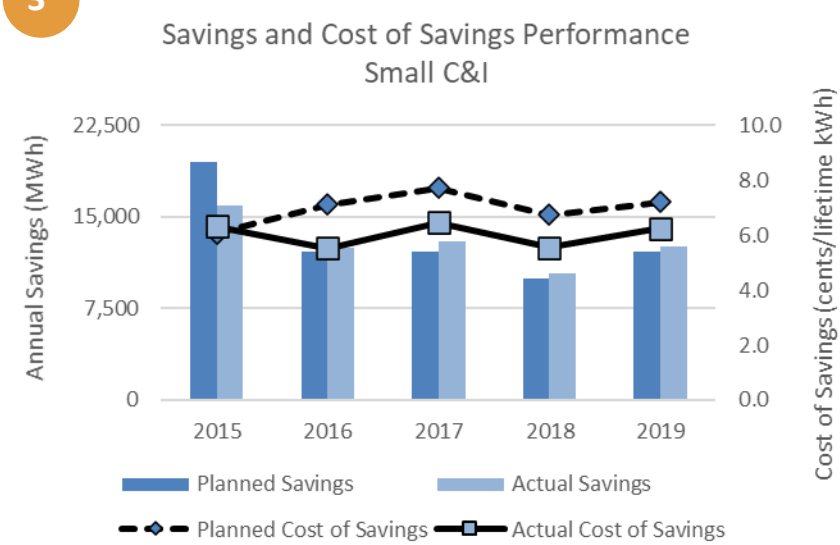
1



2



3

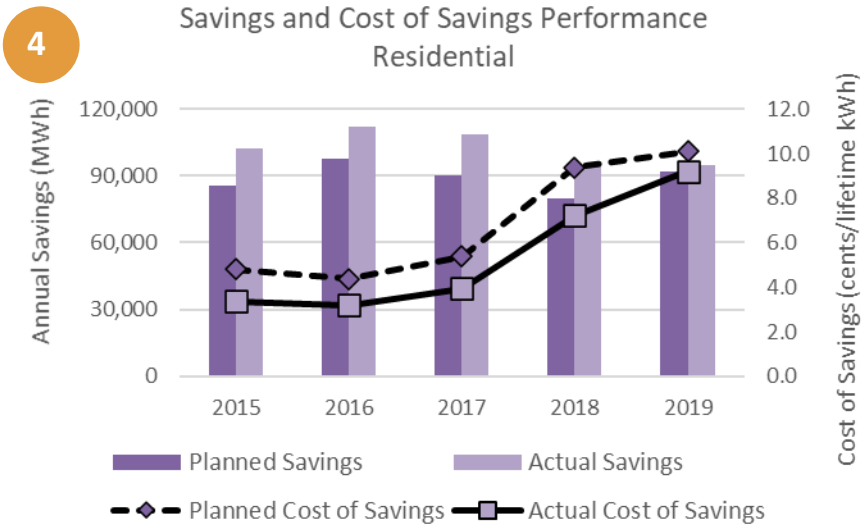


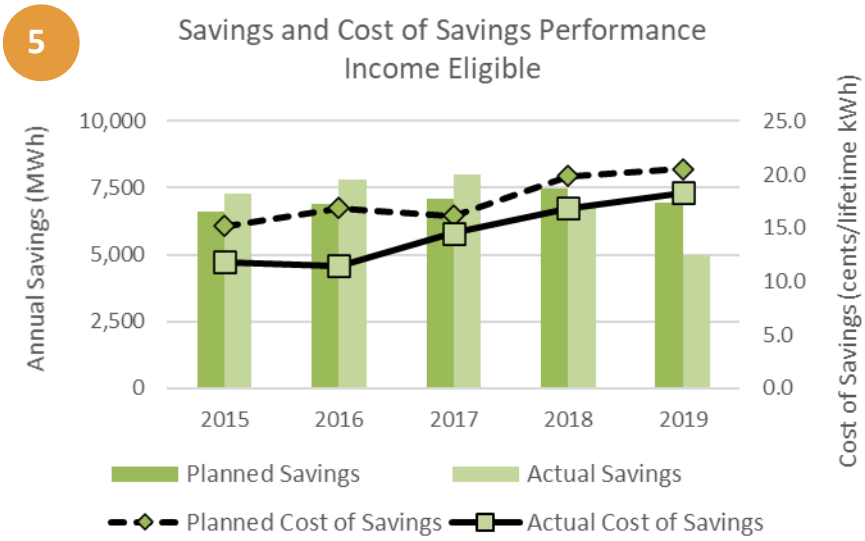
Graphs 1-5 show the cost per lifetime savings (cents/lifetime kWh) achieved by the electric energy efficiency programs each year from 2015 through 2019. They also depict planned versus achieved electric savings. Graph 1 shows trends for the total portfolio of electric programs while graphs 2-5 highlight specific market sectors: Large Commercial & Industrial (C&I), Small C&I , Residential, and Income Eligible.

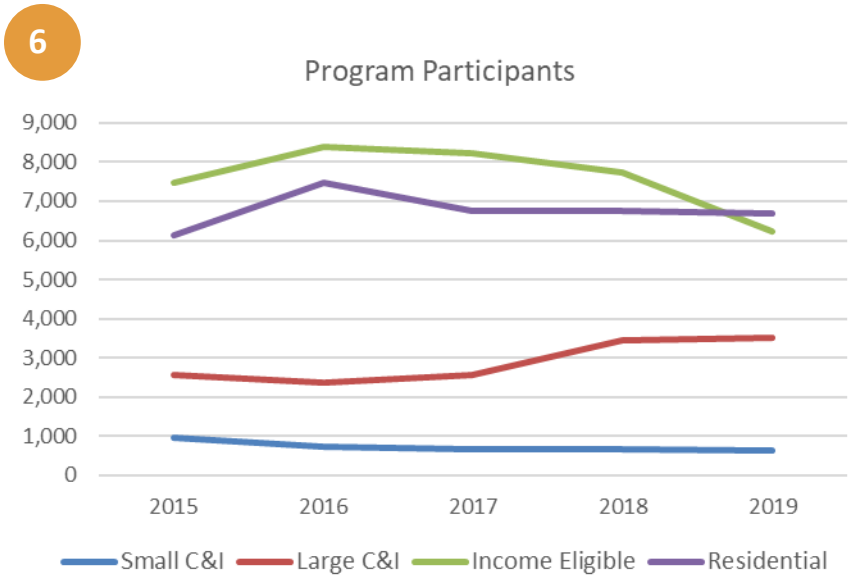
From 2015-2017, achieved electric savings tended to exceed planned electric saving goals. Similarly, cost per lifetime kWh were often lower than planned. However, in recent years, some of these trends have changed in certain market sectors. For example, in the Large C&I market, achieved savings were lower than planned while the actual cost per lifetime kWh was higher than planned.

Each year, the EERMC works in coordination with National Grid to continue to enhance program delivery strategies and optimize energy efficiency benefits for all ratepayers. Maximizing the cost-efficiency of the programs is a top priority for the Council. Consistently, these efforts have resulted in greater than expected electric savings.

Through the programs, lighting upgrades have historically provided significant amounts of lower-cost energy efficiency savings. Both in RI and across the nation energy efficiency programs have played a critical role in transforming the lighting market from incandescent bulbs and other inefficient lighting to energy-efficient LEDs. With the lighting market transforming to LED technologies, it means homeowners will be able to choose from energy efficient lighting options without need for program funding. This represents a great success story for energy efficiency.







However, because lighting savings currently make up a large portion of the electric energy efficiency portfolio and these lighting savings will not be claimable by the programs once the lighting market is fully transformed, it is essential that new technologies and program offerings be explored in the upcoming 2021-2023 Three Year Plan. The EERMC looks forward to working with program administrators to continue innovating and evolving the programs.

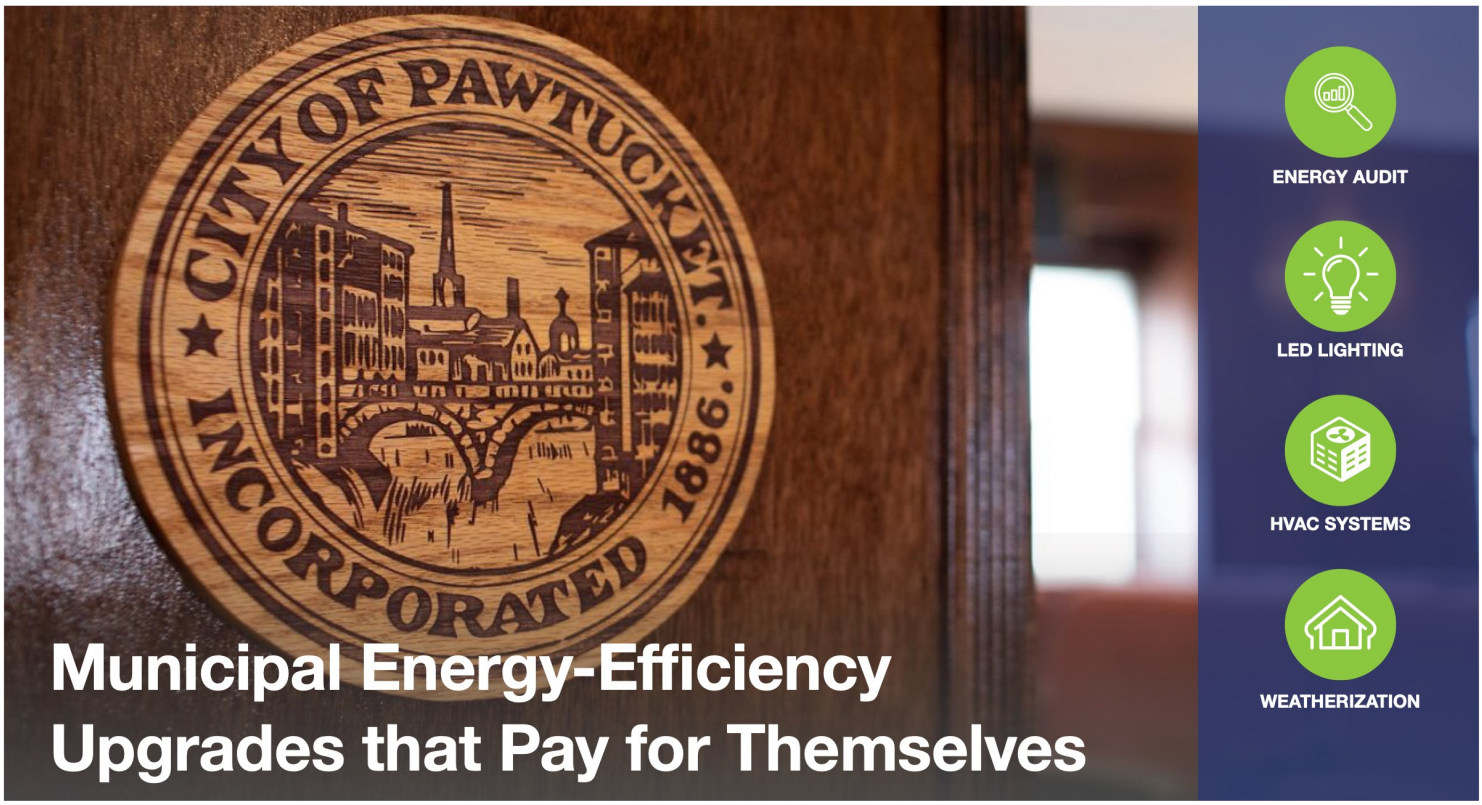
Graph 6 shows program participation over time from 2015 through 2019. Please note that Residential program participation numbers are shown in hundreds. The residential electric programs have the largest participation numbers of all the market sectors.

During the past few years participation levels have increased for large C&I customers, remained relatively consistent for small C&I and residential customers, and has decreased for income eligible customers. It remains a priority of the EERMC and National Grid to continue expanding access to energy efficiency programs for all ratepayers.

Appendix C:

National Grid Efficiency Program

Case Studies



Municipal Energy-Efficiency Upgrades that Pay for Themselves

ENERGY AUDIT

LED LIGHTING

HVAC SYSTEMS

WEATHERIZATION

The City of Pawtucket was able to save energy and money without any out-of-pocket expenses by working with National Grid, the Rhode Island Office of Energy Resources and the Rhode Island Infrastructure Bank.

It all started with an energy audit. When the City of Pawtucket decided to embark on a path to lower energy use, they turned to National Grid for a no-cost energy audit of all of their various facilities, including the city hall, public libraries, Leon A. Mathieu Senior Center and more.

The audit identified many significant energy-efficiency improvements, ranging from streetlight LED conversions and LED lighting upgrades at every facility to weatherization, air sealing, a building management system at four facilities, and HVAC system replacements, including boilers and centralized control systems.

Implementing all of the recommended energy-efficiency measures would cost $4.4 million. National Grid and the Rhode Island Office of Energy Resources calculated the savings that could be achieved by each upgrade. Converting streetlights to LEDs was expected to deliver the largest cost savings.

Officials from the City of Pawtucket decided to utilize the shorter payback period of the streetlight LED retrofits to support upgrades such as new energy-efficient boilers.

This comprehensive approach not only decreases energy use but also increases indoor air quality and comfort. Plus, it helps more than the city—lower carbon emissions help preserve the planet for future generations.

"We've got nothing but positive feedback and I will tell you that National Grid has been a great partner and continues to be very supportive"

– Don Grebien, mayor of Pawtucket

Pawtucket's town hall was one of the city's facilities that had a National Grid no-cost energy audit.

See all the possibilities
at ngrid.com/business

DRAFT

nationalgrid

NMR Group, Inc.

RI Appliance Recycling

Evaluating the Energy Savings from an Appliance Recycling Program

NMR conducted a study to estimate gross, adjusted gross, and net energy savings for a NGRID sponsored refrigerator and freezer recycling program in Rhode Island. In comparison to 2011 program estimates, the current program resulted in lower savings, driven down by younger and more efficient units recycled through the program. Efficiency gains for refrigerators were somewhat offset by the prevalence of side-by-side door configuration, primary usage, and larger size. Results will be used to inform energy efficiency planning for 2020.

Main Takeaways

Implications

Year over year savings will decline due to the diminishing supply of older and less efficient units that get recycled through the program.

Recommendation

NMR recommends that National Grid adopt the savings for use in program planning.

Point of Guidance

Biennial (every other year) *quick hits* studies similar to this one will allow National Grid to provide more accurate savings estimates in program planning.

Key Findings

Comparison of Savings

2011 VS. '17/'18

The per-unit savings for refrigerators and freezers decreased between 2011 and 2017/2018 by 19% and 36%, respectively. The current program recycles younger units that were manufactured under increased federal efficiency standards, and therefore use less energy than those recycled in 2011.

RI VS. MA

Rhode Island and Massachusetts exhibited similar refrigerators savings in 2018, but Rhode Island's freezers savings fell below those of Massachusetts, largely reflecting the younger age of freezers in Rhode Island.

2017/2018 Impact Factors

Appliance Characteristics

REFRIGERATORS

Gross Energy Savings	1,004 kWh
Adjusted Gross Savings	883 kWh
Net Energy Savings	389 kWh

18 yrs Average Age
19 cu.ft Average Size
52% Primary Units
69% Top Freezer Units

FREEZERS

Gross Energy Savings	724 kWh
Adjusted Gross Savings	492 kWh
Net Energy Savings	278 kWh

22 yrs Average Age
16 cu.ft Average Size
88% Secondary Units
76% Upright Units

nmrgroupinc.com

Rhode Island Lighting Sales Data Analysis

Analyzing Market Trends for Light Bulbs

NMR conducted a study to examine light bulb market shares obtained from retail locations in Rhode Island. The study compares market share and bulb prices in Rhode Island, the United States, and various comparison areas with different levels of lighting program activity. The report explores 2018 market share by bulb type, shape, and ENERGY STAR® status; compares bulb prices; and considers trends in market share from 2015 to 2018. Although the sales data suggest that the ENERGY STAR Lighting Program still has positive effects, the impact may be dwindling as transformation of the LED market progresses across the nation.

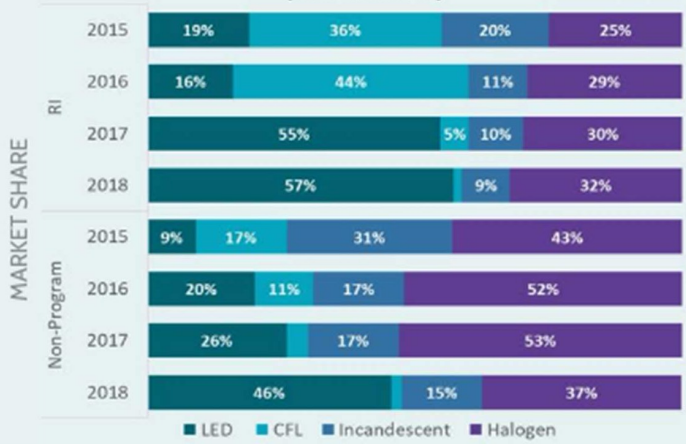
Key Findings

Rhode Island's market share for efficient bulbs (LEDs + CFLs) stood at 59% in 2018. LEDs alone accounted for 57% of all bulb sales.

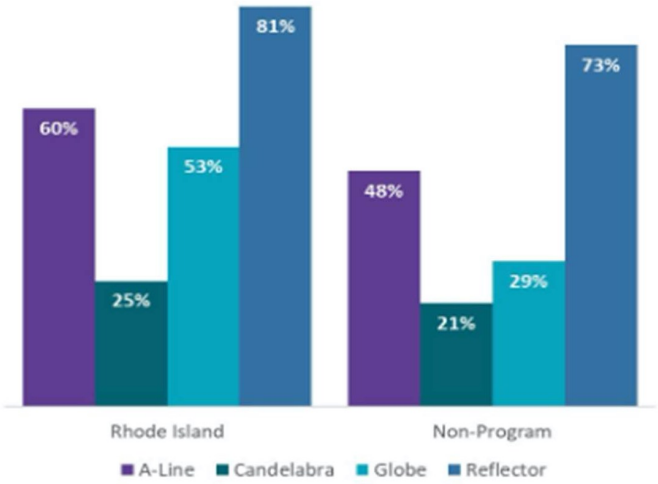
Non-program LED market share grew substantially in 2018.

LED market share grew by 200% in Rhode Island and 400% in non-program areas between 2015 and 2018.

Rhode Island and Non-Program Market Share by Bulb Technology (All Channels)



LED Market Share by Bulb Shape



LED reflector sales were high in the areas examined, suggesting that the market is nearly transformed.

A-line sales were near or above 50% in all areas, pointing towards strong progress on transformation.

Globe market share was above 50% in Rhode Island, but less than 30% in non-program areas.

Candelabra market share was low across the board, suggesting that transformation is a long way off.

Data Sources

Consortium for Retail Energy Efficiency Data

NEMA shipment

nmrgroupinc.com

Rhode Island Shelf Stocking Study

NMR analyzed light bulb stocking and pricing data collected by Lockheed Martin in the autumns of 2016–2018 to investigate the impact of National Grid's residential lighting program on the retail market.

Sample Summary

2016–2018

53–55 stores

49–64k packages

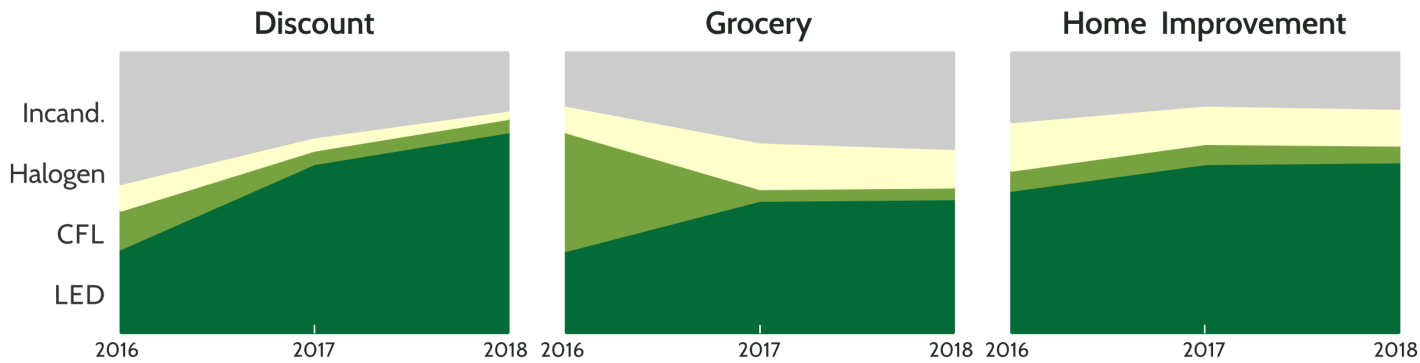
112–172k bulbs

2.2–3.1k models

Key Conclusions

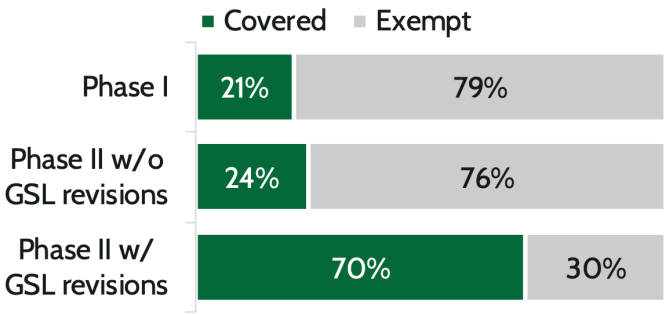
- The current DOE proposal (Phase II w/o GSL revisions) would save consumers little energy, leaving open the possibility of continued program intervention.
- LED prices have decreased year over year, while other bulb prices have increased.
- Efficient bulbs (LEDs & CFLs) are increasingly available, except in some store types like groceries.
- As LEDs become more available and their prices fall, other program approaches may be required to help late-adopters switch to this more efficient technology.

Participant Stocking Practices



EISA: Energy Independence and Security Act of 2007

Congress established energy efficiency standards for general use lighting (GSL) with EISA, instructing the Department of Energy to periodically revise these standards. The first update (Phase II) is expected in 2020, but is currently contested. Two scenarios were analyzed, and their impacts shown at right.



nmrgroupinc.com

EXECUTIVE SUMMARY

Process Evaluation: Income Eligible Services (IES) Single Family Program

National Grid offers IES to help income eligible customers in Rhode Island improve the efficiency of their homes. Participants receive a range of energy efficiency updates, including heating systems, insulation, appliances and lighting at 100% incentive. In 2018, National Grid completed more than 4,000 IES home energy assessments and installed more than 60,000 energy efficiency measures.

This process evaluation focused on identifying opportunities to improve the way IES program is delivered. This evaluation complements Cadeo's impact evaluation of IES in 2018 and was undertaken to inform National Grid's 2020 energy efficiency plan.

Activities

Recommendations

1. **Explore an expedited home assessment approach.** The current approach takes too long and limits the total number of customers National Grid can serve.
2. **Pilot Hancock mobile application.** It's possible an available mobile application could expedite assessors' data collection responsibilities and allow them to serve more customers.
3. **Set data-driven expectations about participation timelines.** Assessors are not consistently setting expectations with customers about the time between their home assessment and when they will receive their efficiency upgrades.
4. **Explore opportunities to reduce installation timelines and increase contactor capacity.** National Grid is not currently meeting its internal target for insulating participants' homes following their assessment and should identify opportunities to weatherize homes faster.
5. **Implement post-installation survey.** Changing the timing and focus of the current follow-up survey would help National Grid resolve issues associated with installed measures.
6. **Increase direct engagement with landlords.** Most IES participants own their home. To better serve renters, National Grid should explore more direct engagement with landlords.
7. **Prioritize rebuilding the state's home energy assessor capacity.** Statewide, IES lost six assessors last year; National Grid should take steps to encourage assessor retention.
8. **Clarify waiver process.** Some stakeholders expressed confusion about the waiver process and need more guidance from IES.
9. **Collect additional data.** National Grid should work with IES stakeholders to collect specific additional data that would improve future evaluations.

Appendix D:

2019 Energy Efficiency Vendors

2019 ENERGY EFFICIENCY VENDORS

The following list includes contractors and subcontractors performing work directly for National Grid Energy Efficiency programs in 2019 that were counted in the FTE analysis and additional companies who assisted customers to secure equipment rebates, for example through the New Construction, High Efficiency HVAC programs, and upstream lighting. The list also includes the Community Action Program agencies and their subcontractors involved with the delivery of the low-income program, whether under National Grid funding or WAP/LIHEAP/ARRA funding.

The list is organized by state, with companies then listed alphabetically. Rhode Island firms are listed first. Of the 1,151 companies, agencies, contractors and sub-contractors listed here, 71% are either headquartered in Rhode Island or have a physical presence in Rhode Island. 20% are Massachusetts-based companies with no physical presence in Rhode Island. 3% of companies are Connecticut firms. The remaining firms have offices in the other New England states or outside of New England.

Vendor	Town	State
5C Energy	Cumberland	RI
A & I Electric	Pawtucket	RI
A E Costa Electrical Contractor LLC	Warwick	RI
A Santurri Electric	East Greenwich	RI
A&B Heating	Johnston	RI
A&K Safety	Warwick	RI
A. Perry Plumbing and Heating	Coventry	RI
A.T. Electric Co.	Pawtucket	RI
A-1 Electric Co.	North Smithfield	RI
Abernathy Lighting Design	Providence	RI
Accu Electric	Providence	RI
Ace Electric Co. Inc.	Providence	RI
Acorn Maintenance	Warwick	RI
ACR Construction & Management Corp	North Providence	RI
Adams Plumbing & Heating	West Warwick	RI
Addessi Plumbing	Providence	RI
Adler Bros. Development	Smithfield	RI
Advance Electrical Corporation	Providence	RI
Advanced Comfort Systems Inc.	North Smithfield	RI
Advanced Mechanical Solutions	Manville	RI
Affordable Heating & Air Conditioning Services	North Providence	RI
AG Electric of New England	Riverside	RI
Air Conditioning Services of New England	Cranston	RI
Air Flow Inc.	Coventry	RI
Air Synergy LLC	Providence	RI
Air Tech Heating & Air Conditioning	Rumford	RI
Airhart Electric Inc.	Coventry	RI
Al Danti & Son Plumbing & Heating	Pascoag	RI
Al Jerauld	North Providence	RI
Al Swajian & Son	Cranston	RI
Ala and Sons Construction	Warwick	RI
Aladdin Electric Co. Inc.	Johnston	RI
Alan Menard Plumbing LLC	Pawtucket	RI
Alan Paul Electric	Warwick	RI
Alert Fire Protection	Cranston	RI
All Electrical Solutions	Providence	RI
All Seasons Heating & Air Conditioning Inc.	Johnston	RI
All Star Insulation	Providence	RI
Allen's Electric	Woonsocket	RI
Alliance HVAC	Cumberland	RI
Alpha Electrical Contractors Inc.	Riverside	RI
Al's Electric	North Providence	RI
AM Electric LLC	Warwick	RI
Amaral Revite Corp.	Providence	RI
Amaral, Paul	Tiverton	RI
American Development Institute	Smithfield	RI
American Electrical Contractors	West Greenwich	RI
American Heating,Plumbing,& Sprinkler,Inc.	North Providence	RI
American Home Heating and Air Conditioning	Cranston	RI
American Plumbing & Mechanical	West Warwick	RI
Amity Electric	Wyoming	RI
Anchor Insulation Inc.	Pawtucket	RI
Anchor Plumbing & Heating	Providence	RI
Anderson Energy Solutions LLC	Charlestown	RI
Andy's Overhead Electric LLC	Exeter	RI
Anibal J. Cante	Central Falls	RI
Anthony Simas	Woonsocket	RI
APB Plumbing & Heating	Cumberland	RI
APCO LLC	Johnston	RI
A-Plumbing & Heating	East Providence	RI
Apple Valley Alarms	North Scituate	RI
Apuzzo Plumbing & Heating	North Scituate	RI
Aquidneck Services LLC	Taunton	RI
AR Heating & Cooling Inc.	Cranston	RI
Arden Building Companies, LLC.	Pawtucket	RI
Ardente Supply Co. Inc.	Providence	RI
Arema HVAC	Greenville	RI
Arther Lettieri	Providence	RI
Arthur W. Adler	Bristol	RI

Aten Energy	Pawtucket	RI
Atlantic Plumbing & Heating Supply	Coventry	RI
Atlantis Pool Service LLC	Cranston	RI
ATMS Electrical Services	East Providence	RI
Auburn Electric Company	Cranston	RI
Audet, E.W. And Sons Inc.	Providence	RI
Audet, Robert F. Inc.	East Greenwich	RI
Aussant Electric	Cumberland	RI
Autiello Plumbing & Heating	Cranston	RI
Automatic Temperature Controls	Cranston	RI
AZ Corporation	Hopkinton	RI
Azverde Electric Company	Cumberland	RI
B & B Consumers Natural Gas Service & Air Conditioning	Woonsocket	RI
B & K Electric, LLC	Warwick	RI
B & M Plumbing	Warwick	RI
B Martel Plumbing & Heating	Central Falls	RI
B Z Electric	West Warwick	RI
B&D Boiler Removal	Pawtucket	RI
B&G Electric Inc.	Pawtucket	RI
B&W Building Maintenance Electrical Contractors	North Providence	RI
B. Lachapelle Home Improvements LLC	Lincoln	RI
Balletto Construction Company	Providence	RI
Balme, Ryan Electric	Chepachet	RI
Baptista Electric	Cumberland	RI
Barlow Heating LLC	Warwick	RI
Barrington Plumbing & Heating	Barrington	RI
Bashaw Electric	East Greenwich	RI
Baum Energy	Warren	RI
Bayside Electric Company	Warwick	RI
Beach Mechanical	Warwick	RI
Beaver River Heating & Cooling	Wyoming	RI
Belcher Electric LLC	Woonsocket	RI
Beneficial Energy	Pawtucket	RI
Benjamin Jenkins Dba	Middletown	RI
Bertrand Plumbing Inc.	Pascoag	RI
Besco	Woonsocket	RI
Better Call Sal Electric LLC	Charlestown	RI
Biello Electric Co.	Fall River	RI
Big John's Plumbing & Heating	Coventry	RI
Bileau HVAC Inc.	Woonsocket	RI
Bill Gornostai Electric	Warwick	RI
Bill's Direct Plumbing & Heating	Bristol	RI
Bill's Handyman/Painting	Johnston	RI
Bisono Construction	Providence	RI
BKW Plumbing	Pawtucket	RI
Blackstone Valley Community Action	Pawtucket	RI
Blyden Electric	Providence	RI
BMB Services LLC	Cranston	RI
Bob Ayers	Bristol	RI
Bob Sequeira	Cranston	RI
Bodell Plumbing & Heating	South Kingstown	RI
Boss Heating & Cooling, Inc.	Charlestown	RI
Boucher HVAC/R Inc.	Wakefield	RI
Boulevard Plumbing & Heating	Middletown	RI
Bousquet Oil	Woonsocket	RI
Brandon Schiano Plumbing and Heating	Cranston	RI
Brian's Fire Alarm System Solutions, LLC	North Smithfield	RI
Brien Godin	Cumberland	RI
Brittain Electric Inc.	Jamestown	RI
Brochu, Mark G.	Lincoln	RI
Brock's Electric	Johnston	RI
Broway Electric, LLC	Cranston	RI
Bruno & Son Electric Inc.	Providence	RI
Bryant Plumbing Inc.	Johnston	RI
BSH Heating and Appliance	Barrington	RI
Buckley Heating & Cooling	Peace Dale	RI
Butler & Sons Plumbing and Heating	Providence	RI
C & K Electric Company Inc.	Providence	RI
C & L Energy Corp	Cranston	RI
C Carr Electric LLC	Cumberland	RI
C Mancuso Construction & Plumbing Co.	Cranston	RI
C.J. Nemes Inc. Plumbing & Heating	Woonsocket	RI
Caiozzo Plumbing	Warwick	RI
Cal Supply Company, Inc.	Cranston	RI
Calson Corporation	Johnston	RI
Calyx Retrofit	Lincoln	RI
CAM HVAC & Construction Inc.	Smithfield	RI
Campco Electrical Services LLC	Wyoming	RI
Carbone Plumbing Heating & Air Conditioning	Johnston	RI
CARJON Air Conditioning & Heating Inc.	Smithfield	RI
Carl Gross	Providence	RI
Carlino Electric Inc.	Coventry	RI
Carnevale Electric	Johnston	RI
Carter Bros Inc.	Glendale	RI
Casey's Oil & Propane	Newport	RI
Casperson Construction	Johnston	RI
Cassana HVAC LLC	Cranston	RI
Cavaco Brothers Plumbing & Heating	East Providence	RI
CBRE	Providence	RI
CD Heating, Inc.	Cranston	RI
Century Electric	Westerly	RI
Century Heating	Smithfield	RI
Certified Energy Consultants	Mapleville	RI
CFC Electrical Contracting Inc.	Providence	RI
Charette Plumbing LLC	Richmond	RI
Charland Enterprises	Pawtucket	RI

Charles Doherty and Steve Girard	Warwick	RI
Charles Nichols Plumbing	Warwick	RI
Chaves Services	Middletown	RI
Chevalier Electric	Johnston	RI
Chilabato, Peter	Portsmouth	RI
Chris Cardillo Electrician	Providence	RI
Chris Electric, Ltd.	Newport	RI
Cipriano Plumbing & Heating	Wakefield	RI
CJ's Plumbing & Heating Specialists	Smithfield	RI
Clearesult	Providence	RI
Clermont Mechanical Plumbing	Glendale	RI
Cleverly Plumbing LLC	Greene	RI
Clover Engineering	Providence	RI
CMAGS HVAC	Warwick	RI
Coast Modern Construction LLC	Providence	RI
Coastal Electric Inc.	Newport	RI
Coastal Plumbing Service Inc.	Wakefield	RI
Cohen Heating Supply Inc.	Providence	RI
Cola Plumbing & Heating Inc.	North Kingstown	RI
Coldmasters Temperature Control	Providence	RI
Collard Enterprises	Coventry	RI
Comfort Systems	West Kingston	RI
Commercial Electric	East Providence	RI
Community Action Partnership of Providence	Providence	RI
Competitive Chimney Sweep Inc.	Woonsocket	RI
Comprehensive Community Action	Cranston	RI
Computer Sciences Corporation	Warwick	RI
Connolly and Sons Heating Services	Harmony	RI
Consolidated Maintenance	Johnston	RI
Consumers Propane, Bousquet Oil	Woonsocket	RI
Conti Brothers Inc	Providence	RI
Continental Engineering Inc.	Johnston	RI
Control Systems	Cranston	RI
Corey Craven	Woonsocket	RI
Cosmo Enterprises	Warwick	RI
Cox Construction Inc.	Cranston	RI
Cox Electric LLC	Narragansett	RI
Cozzo Electrical Services	Johnston	RI
Craig R. Committo Electrician	Tiverton	RI
Cross Insulation	Cumberland	RI
Crystal Plumbing & Heating	Providence	RI
CSV Mechanical	South Kingstown	RI
Cutler H. Besser & Sons	Scituate	RI
CV Construction	Cumberland	RI
CW Cummings Plumbing Co.	Coventry	RI
D & D Electric Company	East Greenwich	RI
D & E Electric, Inc.	Warwick	RI
D & J Electric Corporation	Warwick	RI
D & J Plumbing & Heating Inc.	Carolina	RI
D & V Mechanical Inc.	Westerly	RI
D Gomes Electric LLC	Pawtucket	RI
D.S. Plumbing	Coventry	RI
Daluz Plumbing & Heating	West Warwick	RI
Dan Gomes Electrician	Pawtucket	RI
Danfoss LLC	Smithfield	RI
Danico LLC	North Providence	RI
Daniel Sheehan	Cumberland	RI
Daniele Inc.	Pascoag	RI
Dauphinais Electrical Services LLC	Woonsocket	RI
Dave Fortier (D & Z Electric)	Woonsocket	RI
David Parrillo Plumbing, Heating & Son LLC	Hope	RI
David Phillips Plumbing & Heating	Riverside	RI
David Seddon Electrician	Rumford	RI
David St. Angelo	Barrington	RI
David R. Gince Electrician	Woonsocket	RI
Dayco Electric	Warwick	RI
Deal Electric	Cranston	RI
Dealta Mechanical Contractors	Warwick	RI
Deangelis Electric	Lincoln	RI
Delmonico Enterprises, Inc.	Cranston	RI
Del’s Plumbing	North Scituate	RI
Delta Electro Power Inc.	Cranston	RI
Dennis Pratt Plumbing & Heating	Harrisville	RI
Derek Germain	Cumberland	RI
Desarro Electric LLC	Hope Valley	RI
Desmarais Plumbing & Heating Inc.	Johnston	RI
Dessaint Electric Co.	Warwick	RI
Dimery Electrical	Barrington	RI
Dino’s Plumbing	North Providence	RI
Dino's Propane	Johnson	RI
Dionnes Plumbing Systems	Cumberland	RI
Diorio, Joseph	Pawtucket	RI
Dirocco Plumbing Services LLC	North Providence	RI
Diversified Repair Services	Barrington	RI
Divona Enterpries	Cranston	RI
DJL Electric	Warren	RI
Don Jesting & Sons LLC	Middletown	RI
Donald E. Lemay Electrician	Bristol	RI
Done Right	North Providence	RI
Donovan & Sons	Middletown	RI
DP's Plumbing and Heating	Scituate	RI
Driver's Plumbing & Heating	Providence	RI
DSC Heating & Air Conditioning	North Kingstown	RI
Dual Voltage Electric	Johnston	RI
Dube's Plumbing	Woonsocket	RI
Dudek Oil	Warren	RI

Dupuis Oil Co.	Pawtucket	RI
Durante Electric	Lincoln	RI
DWI Group Ltd.	Johnston	RI
Dynamic Air Systems Inc.	E Providence	RI
E Whitford Plumbing Services	Exeter	RI
E. A. Marcoux & Son Inc.	Woonsocket	RI
Eagle Design Corp.	Middletown	RI
Eagle Electric	Hopkinton	RI
East Coast Electric	Wakefield	RI
Eastbay Community Action	Riverside	RI
Eastern Electric Construction Co. Inc.	Cranston	RI
Eastland Electric	Lincoln	RI
Ecologic Spray Foam Insulation Inc.	Tiverton	RI
Econ Electric Contractors	Bristol	RI
Ed Sylvia Plumbing	Narragansett	RI
Ed Tudino Heating and Air Conditioning Service	Hope	RI
Eddy's Weatherization	Providence	RI
Eirich Electric Inc.	Portsmouth	RI
EJ Excavating LLC	Portsmouth	RI
Electrical Concepts Inc.	East Greenwich	RI
Electrical Construction Specialists LLC	Middletown	RI
Electrical Wholesaler Inc.	Cranston	RI
Electro-Tec Systems Inc.	Lincoln	RI
Elite Heating & Cooling LLC	Pawtucket	RI
Elle Ghazal	Pawtucket	RI
Elmer A. Reynolds Jr. Plumbing and Heating	Middletown	RI
Emerald Services	Foster	RI
Emergency Response Plumbing, Heating & Air Conditioning Inc.	Warwick	RI
Energy Conservation Inc.	South Kingstown	RI
Energy Efficient Exteriors, Inc.	Pawtucket	RI
Energy Electric Co, Inc.	Woonsocket	RI
Energy Geeks	North Smithfield	RI
Energy Monster	Lincoln	RI
Energy One	West Warwick	RI
Energy Source LLC	Providence	RI
EP Electric	East Providence	RI
Eric R. Krause Electrician	Cranston	RI
Eurotech Climate Systems LLC	Pawtucket	RI
Eveready Electric	Barrington	RI
Evergreen Plumbing & Heating	Warwick	RI
EW Flagg Plumbing & Heating	Warwick	RI
F & S Electric Inc.	Bristol	RI
F.M. Bodington Plumbing & Heating Inc.	Little Compton	RI
Farrar Associates	Newport	RI
Feula Plumbing & Heating	Johnston	RI
Fico Electric	Johnston	RI
Figliozzi Plumbing & Heating	Peace Dale	RI
Fire and Ice Heating and Cooling	Warwick	RI
First Response Plumbing	Newport	RI
Five Star Mechanical	Richmond	RI
Five Star Plumbing & Heating	Johnston	RI
Fleet Plumbing & Heating Inc.	North Scituate	RI
Flou HVAC	Charlestown	RI
Foley's Property Management	Wakefield	RI
Foster Electric, Inc.	Tiverton	RI
Fox & Delomba Heating, Air Conditioning & Plumbing	Riverside	RI
Francis Heating & Hydronics	East Providence	RI
Francisco Mechanical	North Providence	RI
Frank Dimaio Heating LLC	Cranston	RI
Frank Knight Plumbing & Heating	Warwick	RI
Frontier Mechanical Contractor LLC	Providence	RI
Furtado Lighting & Design LLC	Bristol	RI
G & L Electric Inc.	Woonsocket	RI
Gambit Electric Inc.	Johnston	RI
Gary Fernandes Electrician	Woonsocket	RI
Gary Ficca Electrician	North Smithfield	RI
Gas Doctor	Providence	RI
Gas Works	Westerly	RI
Gastech	Cranston	RI
Gatta Electric LLC	Cranston	RI
GEM Plumbing & Heating Services, Inc.	Lincoln	RI
Gencarella Plumbing	Westerly	RI
Gerald M Lepore Jr.	Cranston	RI
Giorno Plumbing & Heating	Cranston	RI
GKT Refrigeration	Pawtucket	RI
Glenn Dusablon	Cranston	RI
Global Plumbing & Heating	Darlington	RI
GM Control Systems	North Smithfield	RI
Graham Builders	Smithfield	RI
Grand Builders	Providence	RI
Gravel Electric Inc.	Harrisville	RI
Greene Construction Inc.	Johnston	RI
Greenside Energy, LLC	Middletown	RI
Greenwich Insulation	West Greenwich	RI
Greg Blanchette	North Smithfield	RI
Greg Brown	Smithfield	RI
Greystone Construction	Providence	RI
Griff Electric LLC	Portsmouth	RI
GT Electric	Pawtucket	RI
Guarino Power Systems LLC	Smithfield	RI
Gunn Electric	Westerly	RI
Guy Clemont Plumbing & Heating	Cranston	RI
GW Wagner Plumbing LLC	Providence	RI
H&R Electric Contractors Inc.	Greenville	RI
H20 Plumbing & Heating	Cumberland	RI
Haven Plumbing & Heating Co. Inc.	Cranston	RI

Hawkes Plumbing & Heating Co. Inc.	Fiskdale	RI
Henderson Electric	Warwick	RI
Highland Builders, Inc.	Tiverton	RI
Hill Electrical Services	Pascoag	RI
HK Heating Inc.	Greene	RI
HNT Plumbing	Wakefield	RI
Hodges Electric	Scituate	RI
Holland Electric	Peace Dale	RI
Home Depot	Smithfield	RI
Houle Plumbing & Heating	Coventry	RI
Howard Saucier	Pawtucket	RI
Howards Heating	North Kingstown	RI
HP Electric Co.	Cranston	RI
Hughes Inc.	North Kingstown	RI
Hutchins Electric	Greenwich	RI
HVAC Inc.	Cumberland	RI
Hynson Electrical Construction Inc.	Bristol	RI
I Wire LLC Electrical & Alarms Contractor	Providence	RI
Iasimone Plumbing & Heating	North Providence	RI
Innovative Construction Inc.	Tiverton	RI
Innovative Plumbing and Heating	North Providence	RI
IRB Solutions Inc.	Greenville	RI
Iroquoian Plumbing & Heating	Providence	RI
Island Solar Plumbing and Heating	Jamestown	RI
IT Comfort LLC	Coventry	RI
It's Shocking Electric Corp.	Cranston	RI
Izzo & Sons Electric	Providence	RI
J & A Electric	Providence	RI
J & E Mechanical Contractors Inc.	Johnston	RI
J & J Electric	Warwick	RI
J & J Plumbing & Heating Inc.	Johnston	RI
J & K Supplemental Plumbing Inc.	East Greenwich	RI
J Dunford Plumbing & Heating	West Greenwich	RI
J H Lynch & Sons	Cumberland	RI
J Joyce Plumbing & Heating	Warwick	RI
J Nuzzo Construction	Newport	RI
J&M Plumbing	Coventry	RI
J&S Electric	Warwick	RI
J.D. Mello Plumbing & Heating Inc.	Newport	RI
Jack's Electric	Jamestown	RI
Jacob Messier	Warwick	RI
Jacobson Energy Research	Providence	RI
Jake Lavole Plumbing and Heating	Pawtucket	RI
James Silvia	Warwick	RI
JAS Plumbing	North Providence	RI
Jason Pizzo United Construction	Cranston	RI
Jason Truppi Plumbing and Heating	North Providence	RI
JB Cote Construction	Cumberland	RI
JBK Plumbing	Warwick	RI
JC Electric Inc.	Wakefield	RI
JED Electric Inc.	Greene	RI
Jeff Lisi	Lincoln	RI
Jeffrey Berard Plumbing & Mechanical	Warwick	RI
Jeffrey Reynolds	Westport	RI
JG Home Remodeling	Woonsocket	RI
Jim Dugan	East Greenwich	RI
Jim Kelley Electrician	Scituate	RI
Jim Steitz Plumbing & Heating	Greene	RI
JJ Mcnamara Electric	Providence	RI
JKL Engineering Co. Inc.	Providence	RI
JL Electric	Middletown	RI
JLJ Enterprises Dba Jenkins Heating	Smithfield	RI
JLL Enginering	Providence	RI
JMAC Plumbing and Heating Inc.	Warwick	RI
JMJ Construction	Warren	RI
JMS Heating and Air Conditioning	Coventry	RI
Jo Da Plumma	Providence	RI
Joe Archilla Electrician	Johnston	RI
Joe Vigneault Electrician	Riverside	RI
John Berard Plumbing & Contracting	North Providence	RI
John Ekdahl	Chepachet	RI
John Fletcher Heating	Ashaway	RI
John Nicholson Mechanical Contractor	North Scituate	RI
John Schweglewis Plumbing Solutions LLC	North Smithfield	RI
John Simard Electrical Contractor LLC	North Smithfield	RI
Johnny Mack Electric	Narragansett	RI
Johnny's Home Solutions LLC	Central Falls	RI
Johnny's Oil & Heating	Providence	RI
Johnson & Johnson Plumbing	Narragansett	RI
Johnstone Supply	Providence	RI
Jonathan Svitil	Lincoln	RI
Jose Toledo	Coventry	RI
Joseph C. Grimm Plumbing Inc.	Westerly	RI
Joseph McDermott Pipeworks	Bristol	RI
Joseph Mitchell	Hopkinton	RI
Joseph Soave	North Providence	RI
Joseph Stroscio - Morra Electric	Johnston	RI
JP Island Plumbing	Portsmouth	RI
JR Vinagro Corp.	Johnston	RI
JTE Electric	Warwick	RI
JTM Builders	Warwick	RI
Juan Villanueva	Central Falls	RI
Just Heat	Portsmouth	RI
K Electric	Warwick	RI
Kazounis Plumbing and Heating	Hope Valley	RI
Keith Weindel (Amped Electric)	Coventry	RI

Kelco Electric Inc.	Johnston	RI
Kelly Electric LLC	Cumberland	RI
Ken Adams	Cranston	RI
Kenney & Bishop Electric	Cumberland	RI
Kenny Pierce	Ashaway	RI
Ken's Heating	Providence	RI
Kent County Electrical Service	Warwick	RI
Kevin Barry	Warwick	RI
Kevin M. Lynch	Smithfield	RI
Kevin Messier Electrical	Cumberland	RI
Kimberly Construction Co.	North Smithfield	RI
King's Hardware Co.	Providence	RI
Kirk Rerick	Hope	RI
Kirkbrae Electric	Lincoln	RI
KME Electric	Woonsocket	RI
KMJ Electric & Construction	North Providence	RI
Knight Plumbing & Heating	Cranston	RI
Koolco Inc.	Wakefield	RI
KWH Electrical Contracting	Exeter	RI
Kwik Plumbing & Heating	Johnston	RI
L & F Plumbing LLC	Cranston	RI
L&B Remodeling	North Providence	RI
Lamplighter, Inc.	Little Compton	RI
Landy, Ross	Portsmouth	RI
Lawrence Air Systems	Barrington	RI
Leak Free Lifestyles	Coventry	RI
Leidos Engineering	Newport	RI
Leveille Electric	Smithfield	RI
Liddell Brothers Inc.	Woonsocket	RI
Lifespan Corp.	Providence	RI
Lineage LLC	Wakefield	RI
LJ Giorgi Plumbing & Heating	North Providence	RI
Lowe's Home Improvement	Warwick	RI
LP And Son LLC	Cranston	RI
Lubera Plumbing	Coventry	RI
Luke Beaudreault Plumbing & Heating	North Smithfield	RI
M & M Electric	Providence	RI
M D'Andrea Electric LLC	Portsmouth	RI
M P Samsky Corp.	North Smithfield	RI
Madden Electric	Little Compton	RI
Mador Electric, LLC	Providence	RI
Magnetic Electric Inc.	Warwick	RI
Main Street Plumbing LLC	Pawtucket	RI
Maintenance Plus Inc.	East Providence	RI
Mandarini Plumbing and Heating	Cranston	RI
Manning Plumbing Company	Warwick	RI
Map Electric	Woonsocket	RI
Marcel MS LLC	Pawtucket	RI
Marchetti, Matthew A.	Cranston	RI
Marciano Electrical Contractors	West Warwick	RI
Marinelli & Sons Electric	West Kingston	RI
Mario's Appliances	Woonsocket	RI
Marisa Desautel	Providence	RI
Mark Quinn Electric	Coventry	RI
Maron Construction Co. Inc.	Providence	RI
Martel Plumbing & Heating	Central Falls	RI
Martin Mendez	Providence	RI
Mastro Electric Supply Co Inc.	Providence	RI
Mastrocinque & Sons Plumbing & Heating	Portsmouth	RI
Matthew Fitts Electrical	Greeneville	RI
Matthew Girard	Greeneville	RI
Matt's Mechanical	Smithfield	RI
MB Plumbing	Warren	RI
McCormick Electrical	North Kingstown	RI
McKee Bros Oil Corp.	Cumberland	RI
Mechanical HVAC	Peace Dale	RI
Menard Electric	Manville	RI
Mercury Tec Inc.	East Providence	RI
Metro Electric	Woonsocket	RI
Michael Bowry I.P.S. Plumbing & Heating	Cranston	RI
Michael Dias	Smithfield	RI
Michael Faria	Cranston	RI
Michael Freitas Plumbing & Heating	Pascoag	RI
Michael Giuffre	West Warwick	RI
Michael Maymon	Warwick	RI
Michael Tulipani	Charlestown	RI
Michael R. Lafleur	Smithfield	RI
Micheletti Oil	Johnston	RI
Mid Heating and Air Conditioning LLC	North Providence	RI
Midstate Heating & Cooling	Hope Valley	RI
Millennium Restoration	Johnston	RI
Miller Electric Corp.	West Warwick	RI
MJ Electric and Refrigeration	Pawtucket	RI
MJ Skurka Inc.	West Warwick	RI
MJF Plumbing & Heating	Bristol	RI
Modern Mechancial LLC	Woonsocket	RI
Modern Plumbing Inc.	Charlestown	RI
MoonWorks	Woonsocket	RI
Morel Plumbing and Home Improvement	North Providence	RI
Morrair HVAC LLC	Warwick	RI
MP Remodeling General Contractor	Warwick	RI
Mr. Plumber LLC	Coventry	RI
Mutual Engineering	Warwick	RI
Nadeau Plumbing Services	North Providence	RI
National Refrigeration Inc.	Warwick	RI
Naxos Electric	Smithfield	RI

NDL Designs	Portsmouth	RI
NeighborWorks Blackstone River Valley	Woonsocket	RI
Nestor Padilla After Hours Plumbing	Providence	RI
New England Boiler Works LLC	Coventry	RI
New England Plumbing-Heating	Foster	RI
Newbury Insulation	Woonsocket	RI
Newport Electric	Portsmouth	RI
Newport Solar	North Kingstown	RI
Nexus Electric	North Providence	RI
NGB Electric	Smithfield	RI
Nicolas Bermudez	Pawtucket	RI
Nite Oil	Tiverton	RI
Nolin Electric	North Scituate	RI
North Atlantic Heating, Inc.	Coventry	RI
Northeast Temperature Control	Westerly	RI
Northern Energy Services Inc.	Providence	RI
Northern Power Electrical Services	North Scituate	RI
NS Electric LLC	Exeter	RI
Oal Service Co.	Central Falls	RI
Ocean State Air Solutions	Portsmouth	RI
Oceanline Combustion	Pawtucket	RI
Old Tyme Electric, Inc.	Pawtucket	RI
Ome Building Tech	Providence	RI
Omni Electric	Wakefield	RI
O'Neil Electric Company	Warwick	RI
Online Builders	Wakefield	RI
O'Rourke James J. Inc.	Warwick	RI
Owen Blanco	Warwick	RI
P & S Electric Inc.	East Greenwich	RI
Pajan Services Inc.	North Providence	RI
Pakenham, Scott	Portsmouth	RI
Papa's Plumbing	Johnston	RI
Parrella Electric	Providence	RI
Patrick Corrigan	Warwick	RI
Paul Musco	Cranston	RI
Paul Scotto Electrical	Portsmouth	RI
PAV Electric	Wakefield	RI
Pawtucket Power Association	Pawtucket	RI
Pecchia Plumbing and Heating	Warwick	RI
Pellegrino Plumbing	Westerly	RI
Pelletier & Son Plumbing	North Kingstown	RI
Pelletier Finishing	East Providence	RI
Percivalle Electric Inc.	Warwick	RI
Peregrine Mechanical	Rumford	RI
Perez Construction	Providence	RI
Perfect Touch Electrical Contractors Corp.	Cranston	RI
Peter Bibby Ponagansett LLC	Providence	RI
Petit Plumbing	Westerly	RI
Petro Heating & AC Services	Warwick	RI
Pezzullo & Sons Electric Inc.	East Providence	RI
Philip M. Child	Bristol	RI
Philip P. Sands	Warwick	RI
Phillip J. Forcier Electric	Cumberland	RI
Phillips Plumbing & Mechanical Inc.	Cranston	RI
Phil's Heating & AC	Westerly	RI
Pickles Plumbing and Heating LLC	Mapleville	RI
Pinnacle Plumbing & Heating	Greenville	RI
Plumbing & Heating Solutions LLC	East Greenwich	RI
Polaris Plumbing & Heating	Johnston	RI
Polisena Construction	Smithfield	RI
Positive Energy Electric	Saunderstown	RI
Positive Flow Plumbing Inc.	Bristol	RI
Potvin Enterprises Inc.	Warwick	RI
Power by Design Electrical Contracting LLC	Richmond	RI
Preferred Heat Inc.	Providence	RI
Premair HVAC	Warwick	RI
Presto Plumber LLC	Westerly	RI
Primary Flow Signal, Inc.	Cranston	RI
Prince Noah HVAC	Central Falls	RI
Priority Plumbing & Heating Inc.	Providence	RI
Pro-Mac Inc.	Woonsocket	RI
Prout Mechanical	Warwick	RI
Providence Mechanical Services LLC	Smithfield	RI
PSE Agency	Providence	RI
R & M Electric Inc.	Coventry	RI
R C Smith Electric	Warwick	RI
R.B. Queern & Co Inc.	Portsmouth	RI
R.C. Plumbing and Heating	Smithfield	RI
R.E. Coogan Heating Inc.	Warwick	RI
R.E.M. Mechanical LLC	North Kingstown	RI
R.W. Desrosiers Inc.	Central Falls	RI
Rado Construction	Pawtucket	RI
Rafelito Heating Services	Providence	RI
Rama Electric	Wakefield	RI
Rapid Electric Inc.	Cranston	RI
Ray Ciampanelli Plumbing & Heating Co.	Peace Dale	RI
Raymond Degnan	North Providence	RI
RAZ Heating & Plumbing Services	Foster	RI
Reardon Plumbing and Heating	Warren	RI
Red Oak Remodeling	Coventry	RI
Reddy Piping Concepts	Cranston	RI
Regan Heating & Air Conditioning	Providence	RI
Regent Electric Co. Inc.	Coventry	RI
Reilly Electrical Contractor Inc.	Providence	RI
Relevant Discover-e	Providence	RI
Reliable Electric Corp.	Coventry	RI

Reliant Electric	Cranston	RI
Renewable Energy Consultants LLC	East Greenwich	RI
Restivos Heating & Air	Johnston	RI
RF Plumbing & Heating	Johnston	RI
Rhode Island Department of Human Services	Cranston	RI
Rhodes Technologies Inc.	Coventry	RI
Rholen Central	Bristol	RI
RI Electrical Contractors (Carlos M. Delgado)	Providence	RI
RI Insulation	Hope	RI
RI Pipe Guys	Warwick	RI
Ricci Electric	Cranston	RI
Richard Gayer Electric	Bristol	RI
Richard Heffernan	Warwick	RI
Richburns Plumbing	Newport	RI
Right Built Homes	West Greenwich	RI
Rightway Electric, Inc.	Providence	RI
RISE Engineering	Cranston	RI
Ritacco Electric LLC	Westerly	RI
RJL Insulation	Middletown	RI
RMD Plumbing	Newport	RI
Robert Dionne	Smithfield	RI
Robert Hopkins Electrician	Exeter	RI
Roberts Electric	Pawtucket	RI
Rodriguez Plumbing & Heating	Provincetown	RI
Roger O. Joyal Refrigeration	North Smithfield	RI
Ronald Marcaccio Electrician	North Providence	RI
Rooter Man Plumbers	Johnston	RI
Rossi Electric Company	Cranston	RI
Round One Electric	Burrillville	RI
RPM Electrical Services	Providence	RI
RSM Electric	North Providence	RI
Rudy Almada Electrician	East Providence	RI
Rudy Branca Electrician	Cranston	RI
Russ Lembo Electrician	Johnston	RI
Ryan Bartlett	Coventry	RI
Ryan Electric Construction	Warwick	RI
S & K Electric Inc.	Charlestown	RI
S & S Electric	Chepachet	RI
Sakonnet Electric	Bristol	RI
Sakonnet Plumbing & Heating	Little Compton	RI
Sal Manzi & Son Plumbing & Heating Inc.	Cranston	RI
Sam Bliven Jr. Plumbing & Heating Inc.	Westerly	RI
Santoro Electric	Warwick	RI
Santoro Oil	Providence	RI
Santos Contruction Company	Riverside	RI
Sargent Plumbing Inc.	West Kingston	RI
Sasa Energy LLC	Johnston	RI
Scott Smith	Prudence	RI
Scotto Electric	Portsmouth	RI
Seddon Electric	Rumford	RI
Sensible Heating & Air Conditioning LLC	Hope Valley	RI
Sentinel Electric	Warwick	RI
Shamrock Electric	Middletown	RI
Shearman Oil	Portsmouth	RI
Shepard Services	Cumberland	RI
Sheridan Electric Inc.	Warwick	RI
Sherwood Enterprises	North Kingston	RI
Sine Plumbing & Heating	East Providence	RI
Site Specific LLC	Providence	RI
Small's Plumbing Inc.	Woonsocket	RI
Smithco Oil Service	Wakefield	RI
SMP Electric, LLC	West Warwick	RI
SMR	Pawtucket	RI
SMS Oil Burner Service	Jamestown	RI
Sol Power	Providence	RI
Some Construction Co.	Providence	RI
South County Gas Service	Narragansett	RI
Spencer's Plumbing	East Greenwich	RI
SPK Home Improvement	Cranston	RI
St. Angelos Property Management	Barrington	RI
Staffall Electronic Hardware	Cranston	RI
Stafford Electric	North Scituate	RI
Standard Oil Inc.	East Providence	RI
Standish Brothers HVAC	Coventry	RI
Stano M. Trombino	Westerly	RI
Stan's Plumbing & Heating	Cumberland	RI
Stanton Electric, Inc.	Cumberland	RI
Statewide Insulation	North Smithfield	RI
Statewide Plumbing & Heating Co., Inc.	Cranston	RI
Stedman & Kazounis	Charlestown	RI
Stem Electrical	Warwick	RI
Stephen Andrea Fire & Electric, LLC	Coventry	RI
Stephen Donatelli	North Providence	RI
Stephen Freitas Plumbing and Heating	Lincoln	RI
Stephen Larochelle	Cumberland	RI
Steve Allen Plumbing Service LLC	Wakefield	RI
Steve Doughty Electrician	Coventry	RI
Steve Pine Electrician	Smithfield	RI
Steven Dubois Inc.	Bradford	RI
Sullivan & McLaughlin	Greenville	RI
Summit Electrical Contractors Inc.	Lincoln	RI
Sun Systems Inc./Kroll Building Co.	Narragansett	RI
Sunshine Fuels & Energy Services	Bristol	RI
Superior Comfort Inc.	Bristol	RI
Superior Electric	Providence	RI
Superior Fire & Electrical Services	North Providence	RI

Superior Insulation	Narragansett	RI
Superior LED Lighting LLC	Warwick	RI
Superior Plumbing & Heating	Cranston	RI
Supply New England	Middletown	RI
Supreme Duct Systems	Lincoln	RI
SW & Sons Plumbing & Heating LLC	Johnston	RI
Sylvander Heating & Air Conditioning	East Greenwich	RI
Sylvester Sheet Metal Inc.	West Warwick	RI
Symmes Maini & McKee Association	Providence	RI
T. Cabral Rooter & Plumbing Repair	Cranston	RI
T. Gomes Heating & Cooling	Warwick	RI
T.A. Gardiner Plumbing and Heating	Bristol	RI
T.D. Plumbing Inc.	East Providence	RI
T.H. Malloy & Sons Inc.	Cumberland	RI
Tasso Plumbing & Heating	North Kingstown	RI
Tavares LLC	Providence	RI
Tebano Electric	Bristol	RI
Tebo Electric Inc.	Woonsocket	RI
Technic Inc.	Cranston	RI
Temptec Mechanical	Providence	RI
TF Electric, LLC	East Greenwich	RI
The Drain Pro	Providence	RI
The Ho-Medic	Johnston	RI
The Plumber Company LP	Cranston	RI
Thermal Energy Inc.	Cranston	RI
Therrien Mechanical Systems	Lincoln	RI
Thomas Adamson Electrician	Coventry	RI
Thomas S. Cavaco & Sons LLC	East Providence	RI
Thumbs Up Plumbing and Drain Clearing	North Smithfield	RI
Tom Jenkins Jr.	Middletown	RI
Tom McGee	North Smithfield	RI
Tom Peters Plumbing & Heating	Portsmouth	RI
Tom Whitaker	Newport	RI
Tom's Plumbing LLC	Manville	RI
Toner Electric Company	Middletown	RI
Total Comfort Heating & Cooling	Cumberland	RI
Total Construction Services, Inc.	Providence	RI
TPF Electrical Services	Pawtucket	RI
Travers Plumbing & Heating Inc.	Tiverton	RI
TRG Construction LLC	North Kingstown	RI
Tri-Town Community Action	North Providence	RI
Tuma Insulations	Warwick	RI
U.G. Nason's Inc.	Middletown	RI
Ultimate Plumbing	Warwick	RI
United Mechanical	Cranston	RI
Universal	Providence	RI
Universal HVAC LLC	North Providence	RI
Urban Construction	West Warwick	RI
V. Letizia Plumbing & Heating	Providence	RI
Valcourt Heating Inc.	Little Compton	RI
Valley Heating & Cooling	Hope Valley	RI
Valley Plumbing & Heating	Cumberland	RI
Valley Repair Inc.	Wyoming	RI
Van's Electric Inc.	Bristol	RI
Vaughn Oil	Smithfield	RI
Venancio Brother Plumbing & Heating	Middletown	RI
Vicmir & Sons	Riverside	RI
Victor Allienello	East Providence	RI
Viking Electric Inc.	Riverside	RI
Vision Energy Solutions, Inc.	Providence	RI
Vivona Plumbing & Heating Inc.	Portsmouth	RI
W.T. Home Improvement	Providence	RI
Wakefield Heating Service	South Kingstown	RI
Wakefield Plumbing LLC	Middletown	RI
Waldo Plumbing & Heating	Lincoln	RI
Watermark Plumbing LLC	Cranston	RI
Wayne Electric, Inc.	Bristol	RI
West End Plumbing	Cranston	RI
Westbay Community Action	Warwick	RI
Wickford Appliance	Pawtucket	RI
Wilkinson Plumbing & Heating LLC	Hope Valley	RI
William J. Riley Plumbing & Heating	Warwick	RI
William Soares Electric	Bristol	RI
Wood's Heating Service	East Providence	RI
Yoakum Septic Services LLC	Smithfield	RI
Zanella Plumbing & Heating	Westerly	RI
Zawadski Plumbing	Warwick	RI
Zincones HVAC	Warwick	RI
Zompa Plumbing & Heating	Warren	RI
Association of Energy Services Professionals	Phoenix	AZ
American Wholesale Lighting	Livermore	CA
AutoGrid Systems inc.	Redwood City	CA
Cohen Ventures	Oakland	CA
CRM Orbit	San Francisco	CA
Redaptive	San Francisco	CA
Whisker Labs Inc.	Oakland	CA
Simple Energy	Boulder	CO
Televent USA LLC	Fort Collins	CO
ABC Refrigeration	North Strighton	CT
Absolute Plumbing & Heating	Trumbull	CT
Air Quality LLC	Monroe	CT
All Phase Heating & Cooling	Moodus	CT
Amco & Company	Dayville	CT
Asp Electric	South Windsor	CT
Best Energy	Pawcatuck	CT
Budderfly Energy Company	Shelton	CT

Calderon Brothers Drywall	Bridgeport	CT
Cameron Hanna	Somers	CT
Chaput Electric	Woodstock	CT
Craig C. Porter	Dayville	CT
Dean Monteiro	New Haven	CT
Duarte Costa	Griswald	CT
Duncklee Inc.	Stonington	CT
Dynamic Building & Energy (Formerly Uplands Construction Group)	North Stonington	CT
Eastern Plumbing	New Haven	CT
Energy Resources	Thomaston	CT
Greentemp Mechanical Services	Groton	CT
Horton Group LLC	New Haven	CT
J G Electric LLC	West Haven	CT
JMC Mechanical LLC	Ansonia	CT
JT HVAC	North Stonington	CT
Lourerio Engineering Associates, Inc.	Plainville	CT
Mark McNeil Heating & Cooling	Pawcatuck	CT
Matt Hall	Hebron	CT
McGuire Plumbing and Heating LLC	Voluntown	CT
Moran Construction	Westport	CT
Nick Zaharie	Pawcatuck	CT
Omega Electric	Waterbury	CT
Saucier Mechanical	Plantsville	CT
Simmons HVAC	Pawcatuck	CT
South Shore Heating & Cooling, Inc.	Pawcatuck	CT
Techniart Inc.	Collinsville	CT
ThermaXX LLC	West Haven	CT
Tri Phase Contractors, LLC	North Haven	CT
U.S. Electrical Services, Inc.	Middletown	CT
Vandale Electric LLC	North Stonington	CT
WJR Plumbing and Heating LLC	Voluntown	CT
Cadeo Group LLC	Washington	DC
Energy Solutions Center	Washington	DC
Express Lighting, Corp.	Melbourne	FL
National Energy Educational Development Need	Manassas	GA
Frontier Energy Inc.	Chicago	IL
Innerworkings Inc.	Chicago	IL
A & M Electrical Mechanical, Inc.	Fall River	MA
Action Inc.	Fall River	MA
Advanced Energy Services	Hopedale	MA
Advanced Mechanical Solutions	Mansfield	MA
Advanced Plumbing & Heating	North Andover	MA
Aetna Corp	Cambridge	MA
Affordable Plumbing Solutions	Cambridge	MA
AGS HVAC Services LLC	Westport	MA
Ahaesy Electric	Fall River	MA
Air Tight Insulators	Webster	MA
All Seasons Comfort	Framingham	MA
Alternative Weatherization, Inc.	Fall River	MA
Alves, Paul	Fall River	MA
American Plant Maintenance	Woburn	MA
Andelman and Lelek Engineering Inc.	Norwood	MA
Andy Ramos Electric	Holyoke	MA
Anthony Vieira Iii Heating & Air Conditioning	Attleboro	MA
ARCA Recycling Inc.	Franklin	MA
Atlantic Power Services Inc.	Seekonk	MA
Attention to Detail Plumbing & Heating	Somerset	MA
B & L Ductless	Swansea	MA
B2Q Associates Inc.	Andover	MA
Baraby Electric	Fall River	MA
Baystate Energy Reduction	Sutton	MA
Borges, Jason	Westport	MA
Botelho Electric	Rehoboth	MA
BRH Electrical Services	Seekonk	MA
Briggs Mechanical	North Attleboro	MA
Bristow Electric Company, Inc.	Attleboro	MA
Bruin Corp.	North Attleboro	MA
C.A. Senecal Electrical Services, Inc.	Worcester	MA
Cabral, Daniel	Fall River	MA
Camara's Heating & Air Conditioning Services	Westport	MA
Can Do It Electrical	Foxborough	MA
Carlos A. Magina Electrical Inc.	Seekonk	MA
Cesar Almeida LLC	Westport	MA
CMA Heating & Air	North Dartmouth	MA
Coastline Electric Inc.	North Attleboro	MA
Commonwealth Electrical Technologies	Worcester	MA
Complete Recycling Solutions LLC	Fall River	MA
Compressor World LLC	Plymouth	MA
Cordeiro, Nathan	Somerset	MA
Costa Plumbing Inc.	Seekonk	MA
Cotti-Johnson HVAC Inc.	Taunton	MA
Coughlin & Associates Energy Consulting	Stow	MA
Craig R. Casavant Inc.	Blackstone	MA
Cunningham Electric	Leicester	MA
D P Electric	Blackstone	MA
Dalika EDF Group	Beverly	MA
Dan Savoie Licensed Electrician	Wilmington	MA
David J. Dionne Electric	Blackstone	MA
David Peters Electric	Tewksbury	MA
DelSignore Electrical Contractor Inc.	Worcester	MA
Demand Management Institute	Needham	MA
DNV GL	Medford	MA
Dominic Ingemi Electrician	Attleboro	MA
Dreyer Plumbing & Heating	Agawam	MA
Drolet Electric	North Attleboro	MA
Duarte, Jason	Fall River	MA

Dustin Leonard Master Plumber	Seekonk	MA
East Bay Plumbing & Heating	Fall River	MA
East Coast Plumbing LLC	Upton	MA
Efficiency Forward Inc. (DLC)	Medford	MA
Efficient Buildings LLC	Bridgewater	MA
Electrical Technologies	Medford	MA
Elite Construction Corp.	Rehoboth	MA
Elite Heating and Air Conditioning	Seekonk	MA
ENE Systems Inc.	Canton	MA
Enel X	Boston	MA
Energy & Resource Solutions Inc.	North Andover	MA
Energy Efficiency Advisers Inc.	Mendon	MA
Energy Federation Inc.	Westborough	MA
Energy Machinery Inc.	Rockland	MA
Energy Management Associates Inc.	Franklin	MA
Energyiwise Inc.	Sutton	MA
EnergySavvy Inc.	Cambridge	MA
ENGIE Services US	Norwell	MA
Etech, Inc.	Millbury	MA
Expandable Sound	East Freetown	MA
Fairbanks Energy Services Inc.	Hingham	MA
Fall River Mechanical	Fall River	MA
Faria, Wayne D.	North Dartmouth	MA
Fearn Electric	Holyoke	MA
Ferguson Plumbing & Heating	Groton	MA
FLM Plumbing & Heating	Seekonk	MA
Florence Electric LLC	Canton	MA
Fuseideas	Winchester	MA
Germaine Plumbing & Heating	Attleboro	MA
GH Electrical Service	Attleboro	MA
Glynn Electric Inc.	Plymouth	MA
GM Refrigeration	Fall River	MA
GreenerU	Watertown	MA
Group One Incorporated	Boston	MA
Guaranteed Builders Inc.	Douglas	MA
Hallmark Electrical Systems, Inc.	Taunton	MA
Hannon Electric, Inc.	South Easton	MA
Healy Electric	Boylston	MA
Holmes Plumbing & Heating	Westport	MA
HomeServe	Woburn	MA
Horizon Solutions LLC	Taunton	MA
Horton Property Services	Dorchester	MA
Hull Electric	Marblehead	MA
IBM Corp.	Cambridge	MA
Innitou Contracting Co.	Woburn	MA
Insulate 2 Save	Fall River	MA
Insulation R Us	Fall River	MA
Interstate Electrical Services Co.	North Billerica	MA
Ironman Heating & Cooling	Swansea	MA
J & L Heating and Air	Plainville	MA
J Derenzo Company	Brockton	MA
Jarosz Plumbing & Heating Inc.	Rehoboth	MA
Jay Comeau Electrician	Attleboro	MA
JF Electrical	Quincy	MA
John A. Moniz Electrical	Swansea	MA
John McDonough Electrician	Boston	MA
Jones Lang LaSalle Construction	Boston	MA
Jouberts Heating & Air Conditioning	Warwick	MA
Justin Alfred Electrician	Attleboro	MA
K.M. Kelly	Leicester	MA
Kafin Oil Company	Woonsocket	MA
Keith Maciel Plumbing	Fall River	MA
Kelley, James - Middleton Electric Light Dept.	Middleton	MA
Kevin McNulty	Attleboro	MA
Kevin R. Curt Electrical LLC	Fall River	MA
Lafayette & Cross Co. Inc.	Seekonk	MA
Ledoux Electric	Seekonk	MA
Lefevre, Douglas	Taunton	MA
Levesque, Gus	Westport	MA
Lighthouse Construction	Johnston	MA
Litemor	Norwood	MA
Lockheed Martin	Burlington	MA
Lussier, Joseph - Lussier Electric Services	Worcester	MA
M. Sardinha & Sons	Fall River	MA
Mach Mechanical	Attleboro	MA
Machado Plumbing & Heating	Dighton	MA
Marc's Sheet Metal Inc.	Assonet	MA
Massachusetts Power & Light Co.	Uxbridge	MA
Matthew S. Cedarfield	Warwick	MA
Maurice Richard Plumbing & Heating	South Attleboro	MA
McManus Plumbing and Heating	Millville	MA
Medford Wellington Service Co., Inc.	North Billerica	MA
Michael Sullivan Electrician	Somerset	MA
MJ Electric & Refrigeration	Rehoboth	MA
MN Electric	Marshfield	MA
MTS Mechanical	Fairhaven	MA
MV Electric	Acushnet	MA
National Resource Management	Canton	MA
Navigant Consulting, Inc.	Boston	MA
Needham Electric Supply	Peabody	MA
New Ecology Inc.	Boston	MA
New England Energy Concepts Inc.	North Dighton	MA
New England Safety Systems	Taunton	MA
Nicholas Beaulieru	East Taunton	MA
NMR Group Inc.	Somerville	MA
Northeast Electrical Service	Bellingham	MA

Northeast Mechanical Solutions	Shrewsbury	MA
Northern Electric	Feeding Hills	MA
Northern Energy Services	Northborough	MA
O.H. Burg Corporation	Stoughton	MA
Old Glory Boiler Mechanical Inc.	Assonet	MA
O'Neill Mechanical Services	Seekonk	MA
Oracle America	Cambridge	MA
Pacheco Plumbing & Heating	Fall River	MA
Patriot Sheet Metal HVAC	Seekonk	MA
Paul's Electric	New Bedford	MA
Pavao, Joseph	Worcester	MA
PB & J Mechanical Services	East Wareham	MA
Peregrine Energy Group	Boston	MA
Perez Plumbing & Heating	Haverhill	MA
Potter Electric Inc.	Fairhaven	MA
Pride HVAC Services	Fall River	MA
Priority Plumbing, Inc.	Weymouth	MA
Professional Electrical Contractors of CT, Inc.	Canton	MA
R & F Construction	Dedham	MA
R E M Electric	Attleboro	MA
R R Services	Swansea	MA
R.J. Mcneil Heating & Air Conditioning Services	Shrewsbury	MA
RALCO Electric Inc.	Westport	MA
Raymond D. Melanson Electric	Swansea	MA
Raytheon Company	Waltham	MA
Reis Electrical	Seekonk	MA
Rethinking Power Management	Boston	MA
Retrofit Insulation	Fall River	MA
Richard Lussier Plumbing & Heating	Seekonk	MA
Richard Smith Heating Service	Swansea	MA
Rick Boyajian Construction	Attleboro	MA
ROI Energy Investments LLC	East Walpole	MA
Roia, Jason Electrical	Fall River	MA
Safe Electric	Georgetown	MA
Sarnie Electrical Contracting	Walpole	MA
Savio Lighting	Needham	MA
Seekonk Supply Inc.	Rehoboth	MA
Sikora Electric	Fall River	MA
South Coast Alternative Power Solutions	Acushnet	MA
South Coast Electric & Refrigeration Services	Westport	MA
St. George, Paul R.	Dighton	MA
Stateline Boiler Service	Attleboro	MA
Stateline Fuel & Burner Service Inc.	Seekonk	MA
Steam Trap Systems	Amesbury	MA
Stepka Corp.	Plainville	MA
Suburban Heating & Cooling Services	Swansea	MA
Superior Energy Solutions	Swansea	MA
Sylvania Lighting Solutions	Wilmington	MA
T & J Heating, Air Conditioning and Plumbing	Bellingham	MA
T&T Light Co.	Millbury	MA
TC Building	Medfield	MA
TEEG LLC	Sharon	MA
The Brattle Group	Boston	MA
The Cadmus Group LLC	Boston	MA
The Energy Efficiency Group	Norwood	MA
Theroux Mechanical	South Attleboro	MA
TJ's Plumbing & Heating Inc.	Attleboro	MA
TNZ Energy Consulting Inc.	Stoughton	MA
TRC Environmental Corp.	Boston	MA
Triangle Refrigeration	Fall River	MA
Triple B Plumbing Inc.	Seekonk	MA
Trust Energy Solutions	Marlborough	MA
Utility Energy Inc	Fall River	MA
UTS Energy Engineering LLC	Quincy	MA
Veolia North America	Boston	MA
Victory Heating, Air Conditioning, Plumbing	Bellingham	MA
Wicked Plumbing LLC	Somerset	MA
Wipro Ltd.	Quincy	MA
Worcester Electric Association	Worcester	MA
WR Construction & Design Inc.	Fall River	MA
Yankee Home Improvement Inc.	Northampton	MA
Young Electrical Service	Taunton	MA
EE Lighting LLC	Silver Spring	MD
Enerwise Global Technologies Inc.	Baltimore	MD
MD GreenEnergy LLC	Laurel	MD
Eastern Plumbing & Heating	Dennysville	ME
Underwood Electric	Mapleton	ME
EaglePicher Technologies	Joplin	MO
Hussmann Corp.	Bridgeton	MO
APEX Analytics	Greensboro	NC
Coastal Lighting LLC	Wilmington	NC
KT&T Distributors	Nashua	NH
National Energy & Light Inc.	Nashua	NH
Sprague Operating Resources	Portsmouth	NH
Clear Energy LLC	Bloomfield	NJ
CMC Energy Services Inc.	Cranbury	NJ
Gary The Plumber	Hoboken	NJ
Ideas Agency Inc.	Blairstown	NJ
IPKeys Technologies	Eatontown	NJ
KL Communications	Red Bank	NJ
SHI International Corp.	Somerset	NJ
Advanced Heating & Cooling	Penfield	NY
Barron Plumbing	Williamsville	NY
Big Shine Worldwide	Newburgh	NY
Bill The Plumber	Seaford	NY
Country Heating	Hannibal	NY

Customertimes	New York	NY
EnergyHub Inc.	Brooklyn	NY
Goldstein & Lee, P.C.	New York	NY
Integrated Marketing Services	Liverpool	NY
Medoff Inc.	Flushing	NY
Ram Marketing	Saint James	NY
Rensselar Research	Troy	NY
Trane Inc.	Plainview	NY
Questline Inc.	Columbus	OH
Cascade Energy Inc.	Portland	OR
Evergreen Consulting Group	Beaverton	OR
BidEnergy	Philadelphia	PA
M. J. Brunner Inc.	Pittsburgh	PA
MPG Mechanical	Mechanicsburg	PA
Mr. Rooter	Bethlehem	PA
Pontoon Solutions Inc.	Pittsburgh	PA
Vecchione Heating & Cooling	Fairless Hills	PA
Simple HVAC	Hartsville	TN
Blackhawk Engagement Solutions	Lewisville	TX
NexRev Inc.	Plano	TX
Compressed Air Challenge	Alexandria	VA
Kelliher Samets Volk	Burlington	VT
Optimal Energy Inc.	Hinesburg	VT
New Buildings Institute Inc.	White Salmon	WA
Northwest Energy Efficiency Council	Seattle	WA
Seventhwave Inc.	Madison	WI

Rhode Island Energy Efficiency and Resource Management Council
One Capitol Hill, Providence, RI 02908

rieermc.ri.gov