

**The Narragansett Electric Company  
d/b/a Rhode Island Energy**

**2023 Energy Efficiency Year-End Report**

**May 1, 2024**

May 1, 2024

**VIA ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket No. 22-33-EE – 2023 Annual Energy Efficiency Plan  
Year-End Report with Confidential Vendor Schedules**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed, please find the Company’s 2023 Energy Efficiency Year-End Report (“Year-End Report”) with confidential vendor schedules. This Year-End Report is being filed in accordance with Section 14 of the 2023 Annual Energy Efficiency and Conservation Procurement Program Plan (“Annual Plan”).

Highlights

For 2023, the Company spent a total of \$97.7M on the electric portfolio as compared to the approved budget of \$99M. The Company spent a total of \$29.5M on the gas portfolio as compared to the approved budget of \$36.1M.

The 2023 programs created electric cost savings of \$180M and gas cost savings of \$80M for Rhode Island customers over the life of the installed energy efficiency measures. The programs supported 749 full-time equivalent workers and added \$248M to Rhode Island’s gross state product.

For 2023, the Company achieved 644,697 lifetime MWh energy savings which equates to 96% of target set forth for the 2023 program year by the 2021-2023 Energy Efficiency and Conservation Procurement Plan (“Three-Year Plan”). For gas, the Company achieved 3,005,293 lifetime MMBtu which equates to 85% of target set forth for the 2023 program year by Three-Year Plan.

The 2023 electric demand savings were 47,421 kW which equates to 82% of the target set forth by the Annual Plan.

For 2023, the total shareholder incentive earned by the Company was \$2.43M for electric and \$398k for gas.

### Year-End Report and Attachments

The Year-End Report summarizes the gas and electric results, program highlights, and customer experiences during the 2023 energy efficiency program year. The Year-End Report includes several attachments and schedules which are as follows:

- **Attachment 1** – Electric Summary Tables of Year-End Results
- **Attachment 1a** – Electric Costs Schedules
- **Attachment 2** – Gas Summary Tables of Year-End Results
- **Attachment 2a** – Gas Costs Schedules
- **Attachment 3** – Case Studies and Evaluation Summaries
- **Attachment 4** – Year-End Participation Memo
- **Attachment 5** – Rhode Island Energy Efficiency Program Vendor List
- **Attachment 6** – 2021-2023 Performance Comparison

### Vendor Schedules

This filing also includes the following vendor schedules which will be sent electronically to the Public Utilities Commission (“PUC”) and the Division of Public Utilities and Carriers (“Division”) via a secured link.

- **Confidential Vendor Schedule 1 - 2023 Year End Report - Table E-1 - Program Level Cost Breakdown into Subcategories:** A breakout of the electric energy efficiency programs by cost category and sub category, detailing vendor and external entity costs at a program level. (not included in public filing)
- **Confidential Vendor Schedule 2 - 2023 Year End Report - Table G-1 - Program Level Cost Breakdown into Subcategories:** A breakout of the gas energy efficiency programs by cost category and sub category, detailing vendor and external entity costs at a program level. (not included in public filing)
- **Confidential Vendor Schedule 3 - 2023 Rhode Island Energy Efficiency Vendor Costs (Electric and Natural Gas):** A listing of the vendor and external entity costs across both the electric and gas portfolios, broken out by cost category. (not included in public filing)

- **Confidential Vendor Schedule 4 - 2023 Rhode Island Energy Efficiency Vendor Costs >\$1M (Electric and Natural Gas):** A listing of the vendor and external entity costs greater than \$1M across both the electric and gas portfolios in 2023, broken out by cost category, with additional description added of vendor services rendered, and additional vendor details. (not included in public filing)
- **Confidential Vendor Schedule 4a - 2023 Rhode Island Energy Efficiency Vendor Costs >\$1M (Electric):** A listing of the vendor and external entity costs greater than \$1M for the electric portfolio in 2023, broken out by cost category. (not included in public filing)
- **Confidential Vendor Schedule 4b - 2023 Rhode Island Energy Efficiency Vendor Costs >\$1M (Natural Gas):** A listing of the vendor and external entity costs greater than \$1M for the gas portfolio in 2023, broken out by cost category. (not included in public filing)

Please be advised that the vendor schedules contain confidential and privileged information. As such, the confidential vendor schedules have been omitted from the public version of this filing. Pursuant to 810-RICR-00-00-1.3(H)(3) and R.I. Gen. Laws § 38-2-2(4)(B), the Company respectfully requests that the PUC treat the vendor schedules as confidential. In support of this request, the Company has enclosed a Motion for Protective Treatment of Confidential Information. In accordance with 810-RICR-00-00-1.3(H)(2), the Company also respectfully requests that the PUC make a preliminary finding that the confidential vendor schedules be exempt from the mandatory public disclosure requirements of the Rhode Island Access to Public Records Act (“APRA”).

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at 401-784-4263.

Sincerely,



Andrew S. Marcaccio

cc: Docket No. 22-33-EE Service List  
Docket No. 23-35-EE Service List

**STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION**

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**IN RE: 2023 ENERGY EFFICIENCY PROGRAM**  
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**Docket No. 22-33-EE**

**MOTION OF THE NARRAGANSETT ELECTRIC COMPANY D/B/A  
RHODE ISLAND ENERGY FOR PROTECTIVE TREATMENT OF  
CONFIDENTIAL INFORMATION**

The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”) hereby respectfully requests that the Public Utilities Commission (“PUC”) grant protection from public disclosure certain confidential information submitted by the Company in the above referenced docket. The reasons for the protective treatment are set forth herein. The Company also requests that, pending entry of that finding, the PUC preliminarily grant the Company’s request for confidential treatment pursuant to 810-RICR-00-00-1.3(H)(2).

The record that is the subject of this Motion that requires protective treatment from public disclosure is an Excel file entitled “Confidential Vendor Schedules 2023” (referred to herein as the “Confidential File”) that was filed by the Company on May 1, 2024, as part of the Company’s 2023 Energy Efficiency Year-End Report (“Year-End Report”). The Confidential File contains the following information:

- **Confidential Vendor Schedule 1 - 2023 Year End Report - Table E-1 - Program Level Cost Breakdown into Subcategories:** A breakout of the electric energy efficiency programs by cost category and sub category, detailing vendor and external entity costs at a program level.
- **Confidential Vendor Schedule 2 - 2023 Year End Report - Table G-1 - Program Level Cost Breakdown into Subcategories:** A breakout of the gas energy efficiency programs by cost category and sub category, detailing vendor and external entity costs at a program level.

- **Confidential Vendor Schedule 3 - 2023 Rhode Island Energy Efficiency Vendor Costs (Electric and Natural Gas):** A listing of the vendor and external entity costs across both the electric and gas portfolios, broken out by cost category.
- **Confidential Vendor Schedule 4 - 2023 Rhode Island Energy Efficiency Vendor Costs >\$1M (Electric and Natural Gas):** A listing of the vendor and external entity costs greater than \$1M across both the electric and gas portfolios in 2022, broken out by cost category, with additional description added of vendor services rendered, and additional vendor details.
- **Confidential Vendor Schedule 4a - 2023 Rhode Island Energy Efficiency Vendor Costs >\$1M (Electric):** A listing of the vendor and external entity costs greater than \$1M for the electric portfolio in 2023, broken out by cost category.
- **Confidential Vendor Schedule 4b - 2023 Rhode Island Energy Efficiency Vendor Costs >\$1M (Natural Gas):** A listing of the vendor and external entity costs greater than \$1M for the gas portfolio in 2023, broken out by cost category.

The Company requests protective treatment of the Confidential File in accordance with 810-RICR-00-00-1.3(H) and R.I. Gen. Laws § 38-2-2-(4)(B).

## **I. LEGAL STANDARD**

For matters before the PUC, a claim for protective treatment of information is governed by the policy underlying the Access to Public Records Act (APRA), R.I. Gen. Laws § 38-2-1 et seq. See 810-RICR-00-00-1.3(H)(1). Under APRA, any record received or maintained by a state or local governmental agency in connection with the transaction of official business is considered public unless such record falls into one of the exemptions specifically identified by APRA. See R.I. Gen. Laws §§ 38-2-3(a) and 38-2-2(4). Therefore, if a record provided to the PUC falls within one of the designated APRA exemptions, the PUC is authorized to deem such record confidential and withhold it from public disclosure.

## **II. BASIS FOR CONFIDENTIALITY**

The Confidential File, which is the subject of this Motion, is exempt from public disclosure pursuant to R.I. Gen. Laws § 38-2-2(4)(B) as “[t]rade secrets and commercial or financial

information obtained from a person, firm, or corporation that is of a privileged or confidential nature.” The Rhode Island Supreme Court has held that this confidential information exemption applies where the disclosure of information is likely either (1) to impair the government’s ability to obtain necessary information in the future; or (2) to cause substantial harm to the competitive position of the person from whom the information was obtained. *Providence Journal v. Convention Center Authority*, 774 A.2d 40 (R.I. 2001). The first prong of the test is satisfied when information is provided to the governmental agency and that information is of a kind that would customarily not be released to the public by the person from whom it was obtained. *Providence Journal*, 774 A.2d at 47. In this case, the Company would not customarily release this information to the public.

In addition, the release of the Confidential File is likely to cause substantial harm to the competitive position of the Company. The Confidential File includes sensitive information and other commercial details regarding the Company’s vendors. Disclosing this information to the public could harm the Company’s ability to procure vendors in the most cost-effective manner and, ultimately, harm customers.

### **III. CONCLUSION**

For the foregoing reasons, the Company respectfully requests that the PUC grant this motion for protective treatment of the Confidential File.

[SIGNATURE PAGE FOLLOWING]

Respectfully submitted,

RHODE ISLAND ENERGY

By its attorney,



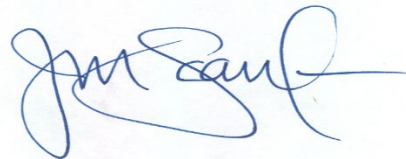
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Andrew S. Marcaccio (#8168)  
Rhode Island Energy  
280 Melrose Street  
Providence, RI 02907  
(401) 784-4263

Dated: May 1, 2024

**CERTIFICATE OF SERVICE**

I hereby certify that on May 1, 2024, I delivered a true copy of the foregoing Motion via electronic mail to the parties on the Service List for Docket No. 22-33-EE.



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Joanne M. Scanlon



**The Narragansett Electric Company  
d/b/a Rhode Island Energy**

**2023 Energy Efficiency Year-End Report**

**May 1, 2024**

# Table of Contents

- Table of Contents.....2**
- Attachments .....4**
- Overview .....5**
- Residential Programs .....7**
  - Overview.....7
  - EnergyWise Single Family .....7
  - Residential Consumer Products .....8
  - Home Energy Reports .....8
  - Residential New Construction.....9
  - EnergyStar HVAC.....11
  - Multifamily .....11
  - Residential ConnectedSolutions .....13
- Income Eligible Services .....14**
  - Overview.....14
  - Income Eligible Program/WAP Collaborative.....14
  - Income Eligible Single Family .....14
  - Income Eligible Multifamily .....15
- Commercial and Industrial Programs .....17**
  - Overview.....17
  - Large Commercial and Industrial New Construction.....17
  - Large Commercial and Industrial Retrofit .....18
  - Commercial ConnectedSolutions.....19
  - Small Business Direct Install Program .....20
  - Commercial and Industrial Multifamily.....21
- Cross Cutting Programs and Support Services .....22**
  - Codes and Standards .....22
  - Community Based Initiative.....22
  - Equity.....23
  - Demonstrations, Pilots, and Assessments .....25
  - Rhode Island Comprehensive Marketing .....26

Financing.....	26
<b>Evaluation, Measurement and Verification Studies.....</b>	<b>28</b>
<b>Indicators of Performance .....</b>	<b>29</b>
Cost Schedules.....	29
Performance Metrics .....	29
Jobs Impacts .....	29
Shareholder Incentive.....	30

## **Attachments**

Attachment 1: Electric Summary Tables of Year End Results

Attachment 1a: Electric Costs Schedules

Attachment 2: Gas Summary Tables of Year End Results

Attachment 2a: Gas Costs Schedules

Attachment 3: Case Studies and Evaluation Summaries

Attachment 4: Year End Participation Memo

Attachment 5: Rhode Island Energy Efficiency Program Vendor List

Attachment 6: 2021-2023 Performance Comparison

## Overview

This report details electric and gas energy efficiency (EE) program results, highlights, and customer experiences throughout the 2023 program year. Rhode Island Energy's (the Company) electric and gas programs are described in detail in the Annual Energy Efficiency Plan for 2023, filed in Docket No. 22-33-EE on 9/30/2022 and approved by the Rhode Island Public Utilities Commission (PUC) at its open meeting on 12/22/2022. In 2023, one of the Company's central goals was to achieve electric and gas savings relative to targets established in the 2023 EE Plan, which were consistent with the goals established for 2023 in the 2021-2023 Three Year Least Cost Procurement Plan.

The 2023 electric energy savings target was 673,430 net lifetime MWh. At year's end, the Company achieved 644,697 lifetime MWh energy savings (96% of target). The 2023 demand savings target was 57,954 annual kW. At year's end, the Company achieved 47,421 kW savings (82% of target). The 2023 gas savings target was 3,537,835 net lifetime MMBtu. At year's end, the Company achieved 3,005,293 lifetime MMBtu (85% of target).

In total, the 2023 programs created electric cost savings of \$180 million and gas cost savings of \$80 million for Rhode Island customers over the life of their installed energy efficiency measures. In addition to cost savings, the 2023 EE programs created other significant economic benefits. In 2023, the programs supported 749 full-time equivalent (FTE) workers. Many of the jobs created by these energy efficiency investments were local. In fact, of the 626 companies and agencies involved in the Company's 2023 energy efficiency programs, 68% were located in Rhode Island. Additionally, the Company's 2023 EE programs will add \$248 million to Rhode Island's Gross State Product (GSP). Case studies of 2023 program activities and summaries of evaluation studies conducted in 2023 can be found in Attachment 3. Details on customer participation in energy efficiency programs in 2023 can be found in Attachment 4.

This year, the Company has adjusted the report structure to include analyses of any observed variances between planned and actual annual net savings, and between planned budgets and actual expenditures in 2023. These analyses are integrated into the Overview of Performance section for each program where they are applicable. These analyses were specified in the modifications to the Least Cost Procurement Standards adopted in Docket 23-07-EE (Standards).

The Standards Section 3.4B(xi) requires:

*Following the conclusion of an Annual Plan, the distribution company shall report on the following items to the PUC no later than May 1 of the following year:*

*(1) Comparison of the distribution company's projections for total program-level annual net energy savings likely to be delivered during the program year and the program-level budgets required to deliver those savings, developed for the Annual Plan pursuant to Section 3.4.a.ii of these Standards, to actual program-level energy savings and budgets during the program year;*

*(2) If the distribution company's projections for total program-level annual net energy savings and budgets varied from actual program level savings and budgets by more than 5%, a description of the variance and, where applicable, an explanation of the cause of such variance ("Explanation of savings and budget variances");*

*(3) If the distribution company's projections for total program-level annual net energy savings and budgets varied from actual program level savings and budgets by more than 5%, an explanation of any adjustments the company made to its own Annual Plan programming (savings goals, incentive levels, or budgets) in response to such variance ("Explanation of mid-year adjustments")*

The Company focused its variance analyses only on those plan components that provide energy savings. For example, even though funds were budgeted in the 2023 Plan for Pilots, Demonstrations, and Assessments, because that plan component is not designed to provide savings, it is not part of the analyses.

The Company provides the comparison at the program level, as specified in the Standards. The Company notes that, in general, deviations from program-level planned budgets within a sector reflect a response to market conditions and consumer demand as the program year unfolds. This is typical in energy efficiency program administration and the Company appreciates having the flexibility to respond in this way. Deviations at the portfolio level are smaller than deviations at the program level and, in fact, for the electric portfolio, both annual savings and spending are within 5% of planned values.

The comparisons at the program level presented and described in this report do not include the budgeted or earned performance incentives. The Company has provided the variance analyses herein based on annual savings, as specified in the Standards.

# Residential Programs

## Overview

In 2023, the Residential sector was cost-effective, achieving Rhode Island Test benefit-cost ratios of 1.41 for electric programs and 1.45 for gas programs. The Company spent 98% of its electric Residential implementation budget, achieving 101% of target Residential net lifetime electric energy savings and 91% of target Residential electric net annual demand savings. The Company spent 77% of its gas Residential implementation budget and achieved 91% of target Residential net lifetime gas savings. More detailed information can be found in Attachment 1 for electric and Attachment 2 for gas.

## EnergyWise Single Family

EnergyWise is a direct-to-customer in-home program that educates residents on how their homes can become more energy efficient. In 2023, in-person and virtual programming was offered. EnergyWise works with single family customers of one-to-four-unit buildings in a two-pronged approach. During the initial visit (known as the home energy assessment) an energy specialist spends one-to-three hours providing educational materials and evaluating the customer's home. Instantly recognizable savings opportunities (such as pipe insulation) are installed during this first visit. At the completion of the assessment, the customer receives an Energy Action Plan that recommends additional energy savings opportunities and any accompanying incentives / financing options. Customers that proceed to the next phase of EnergyWise receive weatherization upgrades that provide savings for twenty years regardless of fuel type used. Overall, customers that install EnergyWise weatherization upgrades increase comfort while saving money on energy.

### Overview of Performance

In 2023, the EnergyWise Single Family program achieved electric savings of 15,596 net lifetime MWh (92% of target). The program achieved 76% of its filed annual electric savings goal, while spending 101% of its filed annual electric budget.

The electric savings for this program were lower-than-expected due to an increase in measures with delivered fuel savings such as aerators, pipe insulation, and showerheads.

In 2023, the EnergyWise Single Family program achieved gas savings of 524,666 net lifetime MMBtu (107% of target). The program achieved 112% of its filed annual gas savings goal, while spending 79% of its filed annual gas budget.

The overperformance of the gas program savings is attributed to a higher-than-planned uptake of faucet aerators and pipe insulation measures. These measures, due to the quantity installed and the relatively low cost, helped drive savings above 100% while reducing impacts on the budget.

### Highlights

Throughout 2023, RISE (the EnergyWise Lead Vendor) took several steps to improve the customer experience and encourage program participation. These steps included utilizing Virtual Home Energy Audits (VHEAs) to reduce wait times for customers requesting audits exclusively for heat pumps and expanding its concierge service to assist customers with heat pumps. RISE also hired seven new Energy Specialists, including three Spanish speaking individuals.

## Residential Consumer Products

The Residential Consumer Products (RCP) program leverages in-store retailer visits and social media campaigns. An online training platform is used to educate retail sales staff on the program's products and functions. This platform is a critical resource for retailers due to the large number of products and features associated with different appliances.

### Overview of Performance

In 2023, the Residential Consumer Products program achieved 15,024 net lifetime MWh of electric savings (47% of target). The program achieved 48% of its filed annual electric savings goal, while spending 73% of its filed annual electric budget.

The lower-than-expected savings and spend for the Residential Consumer Products program was primarily due to the appliance recycling vendor unexpectedly ceasing services in July. The Company expects to have a new vendor in place for go live in mid-2024. Other significant factors were general trends in the economy. The uncertain economy has had a negative impact on non-essential consumer spending, particularly large appliance purchases. Home Depot and Lowes both reported that consumer spend was down significantly. Neighboring utilities also stated their Energy Star Appliance programs were in a similar situation.

### Highlights

The Residential Consumer Products Lead Vendor continued to promote the energy efficient products offered under the Rhode Island Energy program by staffing educational tables at big box retailers such as Lowe's, Home Depot, and Walmart. These informal events provide an opportunity for Rhode Island Energy customers to ask questions and gain information about a broad range of energy efficiency programs.

As part of its continued dehumidifier recycling campaign, Rhode Island Energy finished 2023 with a record total of 1,517 old, inefficient dehumidifiers recycled (far exceeding 2022 results, which was another record year). Rhode Island Energy made a concerted effort to target diverse communities and scheduled recycling events throughout the state. The continued success of this campaign has further enhanced Rhode Island Energy's reputation as a strong community partner.

The program also continued its Most Efficient Appliance Initiative. Building off the progress of the midstream offerings at Home Depot, Rhode Island Energy and the Lead Vendor partnered with Lowe's to offer ENERGY STAR® most efficient washers, dryers, and refrigerators to Rhode Island Energy Customers. The initiative with Lowe's began in the fourth quarter and they processed a total of seventy-seven products, a number that is expected to increase into 2024.

## Home Energy Reports

The Home Energy Reports program encourages energy efficient actions through personalized print and email reports. Each communication channel displays energy consumption patterns, energy reduction goals, and comparisons to similarly sized and heated homes.



## Overview of Performance

In 2023, The Home Energy Reports program achieved 25,932 net lifetime MWh of electric savings (107% of target). The program achieved 107% of both its filed annual electric savings goal and filed annual electric budget, respectively.

The electric savings overperformance resulted from treatment customers saving more energy than the control population, thereby resulting in greater planned savings. The increase in electric spending came from the 2022 pay for performance coming later in 2023 and being paid out of the 2023 budget rather than the 2022 budget. The 2023 pay for performance payment came early enough in 2024 to be accrued into the 2023 budget. The Company encouraged the vendor to provide pay for performance results earlier in the calendar year so they could be accrued to the correct program year. Going forward, the goal is to have only the program year expenses reflected within the budget.

In 2023, the Home Energy Reports program achieved 106,308 net lifetime MMBtu of gas savings (116% of target). The program achieved 116% of its filed annual gas savings goal, while spending 105% of its filed annual gas budget.

## Highlights

In 2023, Home Energy Reports provided energy efficiency messaging on the following topics:

- High-efficiency heating systems
- Electric heat pump water heating
- ENERGY STAR® efficient room air conditioners
- Cold-climate heat pumps
- Air purifiers
- Smart thermostats
- Home Energy Assessments

## Residential New Construction

The Residential New Construction (RNC) program supports the ground-up development and renovation of single family and multifamily homes for market rate and income eligible customers. The program includes a Home Energy Rating System rating, energy modeling and design assistance, in-field technical training, insulation and air sealing inspections, building performance testing, educational outreach, energy performance-based incentives, complimentary WaterSense® showerheads, optional ENERGY STAR® Homes verification, and support for projects seeking additional certifications such as DOE Zero Energy Ready, Passive House/PHIUS, LEED-H, and Living Building Challenge.

## Overview of Performance

In 2023, the Residential New Construction program achieved 10,324 net lifetime MWh of electric savings (79% of target). The program achieved 82% of its filed annual electric savings goal, while spending 63% of its filed annual electric budget.

The lower-than-expected electric savings and spend can be attributed to new construction projects experiencing late starts due to delays with permitting, labor, material shortages, funding, etc. and thus, construction schedules for some of the larger projects being extended into the following year. Lastly, funding can often slow down income eligible projects due to the need to secure multiple funding sources.

In 2023, the Residential New Construction program achieved 57,303 net lifetime MMBtu of gas savings (98% of target). The program achieved 98% of its filed annual gas savings goal, while spending 119% of its filed annual gas budget.

## Highlights

In 2023, 470 housing units were built to program standards, which represents a 9% increase over 2022 year-end totals.

- Construction Type: 454 units were new construction/full gut rehab (97%) and 16 were renovation/rehab (3%)
- Income Level: 334 units were market rate (71%) and 136 were Income Eligible (29%)
- Heating Type: 149 units had electric heat pumps (32%), 256 units had gas heat (54%) and 65 units had either propane or hybrid heat pumps with propane (14%)
- 199 homes achieved >25% savings over the program baseline (42%)
- 52 homes were ENERGY STAR and DOE Zero Energy Ready Homes certified and 48 are being submitted to PHIUS for official Passive House Certification

In addition, 798 newly planned housing units enrolled in the RNC Program.

Below is an example of a DOE Zero Energy Ready (ZER) single-family home on Biscuit City Road in Charlestown:

- The RNC program held a tour of this single-family home, in collaboration with the builder Steve DeMetrick of DeMetrick Housewrights



Also in 2023, the RNC Lead Vendor partnered with local builders and designers to establish a local Passive House chapter. The chapter's mission is to promote the Passive House Building Energy Standard in Rhode Island through public outreach, education, advocacy, and training. The chapter held two inaugural events and attendees included architects, builders, homeowners, insulation representatives, students, and housing non-profits and agencies.

## EnergyStar HVAC

The Residential EnergyStar HVAC program promotes the installation of high-efficiency equipment for gas and electric space heating and cooling, water heating, and controls via tiered customer rebates. The program provides contractor training and incentives to ensure best practices for the proper design of distribution system improvements, equipment sizing and quality installation.

### Overview of Performance

In 2023, the EnergyStar HVAC program achieved 98,697 net lifetime MWh of electric savings (140% of target). The program achieved 137% of its filed annual electric savings goal, while spending 97% of its filed annual electric budget.

In 2023, the EnergyStar HVAC program achieved 433,147 net lifetime MMBtu of gas savings (84% of target). The program achieved 78% of its filed annual gas savings goal, while spending 80% of its filed annual gas budget.

The underperformance of gas savings and spend can be attributed to an increased emphasis on heat pumps from many sources outside of Rhode Island Energy showing an impact on gas heating equipment. Inflation and economic uncertainty have also impacted customer spend on large heating upgrades and incentivizes them to pursue additional longevity from their existing system. Lastly, issues with the Rhode Island Energy Online Marketplace in 2023 resulted in lower than anticipated thermostat measures.

### Highlights

In 2023, Rhode Island Energy continued the HVAC program's weekly newsletter. Featured topics included rebate submission reminders/deadlines, promotion of upcoming trainings, industry best practices for successful installation and operation, availability of program support in Spanish, and FAQs and updates on Clean Heat Rhode Island (the Rhode Island Office of Energy Resources' heat pump incentive program). There are over 650 recipients currently on the newsletter's distribution list including HVAC companies, contractors, technicians, distributors, trade allies, and other industry stakeholders.

Beyond the newsletter, the HVAC Program actively encouraged contractors and customers to seek rebates from Rhode Island Energy and Clean Heat Rhode Island where eligible under each program's rules. Links to Clean Heat RI are included on Rhode Island Energy's website and rebate portal. The two programs worked together in the fourth quarter to align offerings.

Throughout 2023, The HVAC Program has been working to adapt to the introduction of new DOE heat pump equipment ratings and standards. The program offered various Cold Climate Heat Pump trainings, Introduction to Heat Pump presentations, right sizing trainings, and live virtual and on-site HVAC Check Testing trainings.

## Multifamily

The Multifamily program serves gas and electric multifamily buildings (5+ dwelling units). The program is available to both market rate, Income Eligible, and C&I customers. Offerings include energy assessments, incentives for heating / domestic hot water systems, cooling equipment, lighting, and appliances.

## Overview of Performance

In 2023, the EnergyWise Multifamily program achieved 3,466 net lifetime MWh of electric savings (37% of target). The program achieved 48% of its filed annual electric savings goal, while spending 63% of its filed annual electric budget.

In 2023, the EnergyWise Multifamily program achieved 27,929 net lifetime MMBtu of gas savings (25% of target). The EnergyWise Multifamily program achieved 23% of its filed annual gas savings goal, while spending 30% of its filed annual gas budget.

The lower-than-expected electric and gas savings and spend are a result of market factors including inflationary and general economic pressures. These factors made multi-family building owners less willing to undertake capital improvement projects. Additionally, the market for electrical efficiency upgrades at multi-family properties is quite mature, with much of the multi-family market previously adopting lighting and other electric savings upgrades through the program.

The program sought to increase program participation through marketing campaigns during the year targeting landlords and multi-family building owners. In an effort to maximize participation, the Company's Lead Vendor conducted outreach and follow up communications to multi-family partners with projects in the pipeline and to those that had expressed interest in participation. The Company is working to improve program performance and right-size targets moving forward.

## Highlights

Below are three examples of projects completed in 2023:

- **Regency Plaza Apartments in Providence:**

The project consisted of upgrades included water source heat pumps, variable frequency drives, and wall and pipe insulation. The electrical incentive for this project was \$110,463 with an estimated 1,171,500 net lifetime kWh savings, and the gas incentive was \$69,675.92 with an estimated 113,098 net lifetime therms savings.

- **56 Tell Street Apartments in Providence:**

The project installed six slim duct air source heat pump systems in a 3-story apartment building consisting of six 2-bed apartments. The heat pumps replaced electric baseboard heat. The electric incentive for this project was \$78,750 and the estimated net lifetime savings is 428,150 net lifetime kWh.

- **Shadow Farm Condos in Wakefield:**

The project installed attic insulation, duct sealing, attic air sealing, basement sill insulation, and programmable thermostats to participating units. In order to complete the attic weatherization, it was necessary to vent some bathrooms fans to the exterior. The gas incentive for this project was \$31,967 with an estimated 28,560 net lifetime therms savings.

## **Residential Connected Solutions**

Connected Solutions uses active demand reduction strategies to reduce peak electrical demand periods throughout the year. All customers with eligible controllable equipment can enroll to participate in active demand reduction.

### **Overview of Performance**

In 2023, the Company held 18 thermostat events and 28 battery events. 11,240 customers registered for the thermostat measure and 722 customers registered for the battery measure.

# Income Eligible Services

## Overview

In 2023, the Income Eligible sector was cost-effective, achieving Rhode Island Test benefit-cost ratios of 1.41 for electric programs and 1.74 for gas programs. The Company spent 90% of its electric Income Eligible implementation budget, achieving 89% of target net lifetime electric energy savings and 102% of target electric net annual demand savings. The Company spent 85% of its gas Income Eligible implementation budget and achieved 95% of target gas net lifetime energy savings. More detailed information can be found in Attachment 1 for electric and Attachment 2 for gas.

## Income Eligible Program/WAP Collaborative

The Company's Income Eligible Services are administered in collaboration with the Rhode Island Department of Human Services (DHS), the CAP agencies, and other local agencies. This collaboration leverages funds that provide energy services to Income Eligible customers in Rhode Island. The programs discussed below allow more customers to receive comprehensive energy assessments of appliances, weatherization, and heating system replacements.

### Low Income Home Energy Assistance Program (LIHEAP)

LIHEAP helps Income Eligible customers meet the increasing costs of home energy and reduces the severity of energy-related crises. LIHEAP is administered by the Rhode Island Department of Human Services (DHS) Individual and Family Support / Community Services Division. LIHEAP intake and outreach is provided by the six local Community Action Program (CAP) agencies. Households are determined eligible for LIHEAP assistance according to income guidelines established by DHS.

### Weatherization Assistance Program (WAP)

WAP helps Income Eligible families reduce their energy bills through home energy efficiency. WAP programs also address health and safety concerns. WAP funds improve energy performance of Income Eligible dwellings by leveraging the most advanced technologies and testing protocols. WAP is funded through annual appropriations from the U.S. Department of Energy's WAP and the U.S. Department of Health and Human Services.

## Income Eligible Single Family

The Income Eligible Single Family (IES) program helps reduce electricity and heating costs without requiring any customer funding. IES services are delivered by Rhode Island's six local Community Action Program (CAP) agencies. Offerings include behavioral energy assessments, safety / efficiency inspections of the heating and cooling systems, replacement of inefficient / unsafe appliances and heating systems, and inspections of existing insulation for identification of weatherization opportunities. All IES customers receive services and equipment upgrades at no cost.

### Overview of Performance

In 2023, the Income Eligible Single Family program achieved 34,471 net lifetime MWh of electric savings (120% of target). The program achieved 94% of its filed electric annual savings goal, while spending 100% of its electric annual budget.

In 2023, the Income Eligible Single Family program achieved 127,822 net lifetime MMBtu of gas savings (76% of target). The program achieved 77% of its filed annual gas savings goal, while spending 82% of its filed annual gas budget.

The lower-than-expected annual gas savings and spend for the Income Eligible Single Family program is driven by the underperforming of two CAP agencies. Blackstone Valley CAP (BVCAP) is responsible for approximately 25% of the Rhode Island Energy discount rate customers. CAP of Providence is responsible for approximately 30% of RI discount rate customers. In 2023, BVCAP met less than 50% of their weatherization goal and only 50% of their heating system replacement goal. BVCAP began experiencing a staffing shortage in early 2023 resulting in a backlog of energy audits. BVCAP is now reliant on outside contractors and RISE to conduct energy audits. CAP of Providence also had staffing issues in 2023 including turnover at the top of the organization. In the second half of 2023, CAP of Providence hired staff and ensured they had the proper training. The new CAP of Providence CEO is addressing the performance challenges and is adopting new policies and procedures to increase productivity. In 2024, RISE will be providing additional capacity to CAP of Providence and Blackstone Valley Equity Zones to ensure all goals are reached.

## **Highlights**

2023 saw multiple enhancements to the program. Most notably, Rhode Island Energy hired an Income Eligible Services Program manager and made the necessary preparations to move to a comprehensive full house audit for weatherization in 2024. CLEAResult (the IES Lead Vendor) has been working with RI Department of Human Services (DHS) to arrange training that will upskill Tier 1, the basic appliance management program (AMP) assessment, program specialists to the comprehensive audit. The Lead Vendor has also continued to improve communication across the Income Eligible Single Family program with assistance from the local appliance vendor (the South Middlesex Opportunity Council) and other local agencies. Key Performance Indicator meetings were held with each CAP and at least one DHS representative. These meetings ensured that the CAPs were aware of their KPI goals, their pace to meet the goals, and provided a dedicated time for constructive dialog.

## **Income Eligible Multifamily**

The Multifamily program serves gas and electric multifamily buildings (5+ dwelling units). The program is available to both market rate, Income Eligible, and C&I customers. Offerings include energy assessments, incentives for heating / domestic hot water systems, cooling equipment, lighting, and appliances.

### **Overview of Performance**

In 2023, the Income Eligible Multifamily program achieved 6,629 net lifetime MWh of electric savings (38% of target). The program achieved 34% of its filed annual electric savings goal, while spending 51% of its filed annual electric budget.

The Income Eligible Multi-Family program lower-than-expected annual electric savings and spend was primarily due to the market for electrical efficiency upgrades at income eligible multi-family properties being near saturation, with much of the sector having already taken advantage of lighting and other electric savings upgrades through the program.

In 2023, the Income Eligible Multifamily program achieved 194,929 net lifetime MMBtu of gas savings (113% of target). The program achieved 73% of its filed annual gas savings goal, while spending 91% of its filed annual gas budget.

Although the Income Eligible Multi-family program did not meet the annual gas savings target, the lifetime savings achieved (which is the metric used to assess the Lead Vendor's performance) was at 113% of goal. The Income Eligible Multi-family program is buffered from the negative effects of economic concerns seen in the market rate multi-family sector by the fact that most of the cost associated with the installation of energy efficient measures are paid by the Program.

In an effort to increase overall program participation in 2023, the Company's Lead Vendor conducted outreach and follow up communications with Income Eligible multi-family partners with projects in the pipeline and to those that had expressed interest in participation.

## Highlights

Below are two examples of projects completed in 2023:

- **Morin Heights – Woonsocket**

This Income Eligible heating boiler project included the installation of a 285 MBH boiler with all pumps and controls, including heat circulators, and DHW indirect water heaters for 33 buildings. The gas incentive for this project is \$793,642 with an estimated 548,350 net lifetime therms savings. The electric incentive is \$85,000 with an estimated 318,505 net lifetime kWh savings.

- **Providence HA Kilmartin**

This Income eligible Variable Refrigerant Flow (VRF) project installed Fujitsu-J5 6-ton condenser, and Fujitsu VFG 7K wall mounted AHUS, as well as Fujitsu wired controls for 30 dwelling units. The electrical incentive for this project was \$549,007 and has an estimated 4,255,146 net lifetime kWh savings.



# Commercial and Industrial Programs

## Overview

In 2023, the Commercial and Industrial (C&I) sector was cost-effective, achieving Rhode Island Test benefit-cost ratios of 1.67 for electric programs and 4.16 for gas programs. The Company spent 102% of its electric C&I implementation budget, achieving 94% of target net lifetime electric energy savings and 79% of target electric net annual demand savings. The Company spent 84% of its gas C&I implementation budget and achieved 80% of target gas net lifetime energy savings. More detailed information can be found in Attachment 1 for electric and Attachment 2 for gas.

## Large Commercial and Industrial New Construction

The Large C&I New Construction program supports 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.

### Overview of Performance

In 2023, the Large C&I New Construction program achieved 126,976 net lifetime MWh of electric savings (81% of target). The program achieved 82% of its filed annual electric savings goal, while spending 84% of its filed annual electric budget.

The lower-than-expected annual electric savings and spend can largely be attributed to the underperformance of Process and Lighting related installations. The Company did not make any adjustments to its Annual Plan programming during 2023 because of the challenges of impacting construction schedules, the design process, and permitting with New Construction projects.

In 2023, the Large C&I New Construction program achieved 689,302 net lifetime MMBtu of gas savings (96% of target). The program achieved 108% of its filed annual gas savings goal, while spending 139% of its filed annual gas budget.

The overperformance in annual gas savings and spend can largely be attributed to increased savings and incentives for upstream Food Service and Hot Water offerings. The promotion resulted in a greater than expected uptake in upstream Food Service and Hot Water measure, which drove higher savings and spending for the Gas New Construction Sector. In the 2024 Plan, the Company has reduced upstream Food Service and Hot Water related savings and spend to account for the 2024 IECC code impacts.

### Highlights

In 2023, the Company worked with customers and their vendors on 95 new construction and major renovation projects.

- New construction projects involving schools and universities included:
  - Middletown High School
  - Bryant University Dining Hall and Convocation and Arena for Athletics

- Central Falls Elementary School and High School
- Fogarty Memorial Elementary in North Scituate
- Johnston Public Schools
- Roger Williams University.

## Large Commercial and Industrial Retrofit

The Large C&I Retrofit Program provides incentives for the replacement of existing equipment and systems with energy-efficient alternatives when the customer might otherwise not plan on making efficiency investments.

### Overview of Performance

In 2023, the Large C&I Retrofit program achieved 259,740 net lifetime MWh of electric savings (106% of target). The program achieved 108% of its filed annual electric savings goal, while spending 121% of its filed annual electric budget.

The overperformance can be attributed to greater than expected savings from lighting, process, and motor and drive measure installations. The Large C&I Retrofit process, and motor and drive measures have a higher cost per kWh saved than the portfolio average, which resulted in the Retrofit program exceeding its planned budget. The Company adjusted incentive levels in 2023 to support the achievement of the filed Commercial and Industrial Sector savings goal.

In 2023, the Large C&I Retrofit program achieved 691,972 net lifetime MMBtu of gas savings (68% of target). The program achieved 67% of its filed annual gas savings goal, while spending 57% of its filed annual gas budget.

The underperformance can be attributed to lower-than-expected savings and spend from Process and HVAC related measures. The Company anticipates that additional Process and HVAC savings will be realized in 2024 due to the ramping up of the Energy Management System and Building Analytic Program offerings which often result in increased savings from both HVAC and Process related end-uses.

## Highlights

### Industrial Initiative

Below are three examples of projects completed through the Industrial Initiative:

- An industrial customer added two inches of fiberglass insulation to six uninsulated 10,000-gallon steel tanks, which is expected to save 42,500 kWh per year or approximately a 5% reduction of their total annual usage.
- An industrial customer operating a large warehouse area that shares space with other conditioned rooms (temperature and humidity for product quality) worked with Leidos (the program's Lead Vendor) to identify an energy conservation measure that amounts to over 14,700 therms of annual savings.

- A manufacturing customer installed new compressors to increase plant productivity and meet increased product demand. Energy savings are being realized from the improved air compressor efficiency, better part load operation of the new VSD compressor compared with the baseline compressor (load/no load), and improved dryer operation.

### **Strategic Energy Management Partnership**

Rhode Island Energy has a total of 12 Strategic Energy Management Partnership (“SEMP”) partners including two public entities, six colleges and universities, an industrial park, a healthcare provider, and two large retail businesses. Since 2013, a total of 825+ energy efficiency projects have been implemented by Rhode Island Energy and its SEMP partners.

### **EnergySmart Grocer Initiative**

Below are four examples of projects completed through the EnergySmart Grocer Initiative:

- Grocer Coil Cleaning: A large grocery chain proceeded with retro-commissioning measures through Rhode Island Energy’s Equipment & Systems Performance Optimization (“ESPO”) program. The rooftop unit and condenser coils across the customer’s 26 stores in Rhode Island were cleaned, resulting in approximately 700,000 kWh of energy savings and \$16,000 in rebates.
- A grocery store chain implemented Monitoring Based Commissioning (“MBCx”) energy efficiency improvements in four stores in Rhode Island. The work is being staged in two “phases,” with the first phase occurring in Q3 2023 and the second phase planned for 2024. Total project savings are estimated at 270,000 kWh.
- Remodeling projects were completed at two locations of a Rhode Island grocery store chain including the upgrades of self-contained cases, night covers, de-stratification fans, lids on coffin cases, and addition of doors to existing cases. Combined savings from these remodels total 80,894 kWh and 7,853 therms.
- A Rhode Island grocery store participated in a refrigeration leak detection and repair study, resulting in leak repairs on two refrigeration racks. These repairs saved 5,785 kWh

## **Commercial ConnectedSolutions**

ConnectedSolutions uses active demand reduction strategies to reduce peak electrical demand periods throughout the year. All customers with eligible controllable equipment can enroll to participate in active demand reduction.

### **Overview of Performance**

During the 2023 season, the Company held 25 daily dispatch events, three targeted dispatch events, and three combined daily and targeted dispatch events for a total of 31 C&I ConnectedSolutions events. The program saw about 25.4 MW and 54.3 MW in total contracted average load shed for daily dispatch and targeted dispatch, respectively.

## Small Business Direct Install Program

The Company's Small Business Direct Install program provides turnkey services to customers that consume less than 1,500 MWh per year. As part of the program, customers receive a free on-site energy assessment and a customized report detailing recommended energy efficiency actions. The Company then completes retrofit installations at the customer's convenience.

### Overview of Performance

In 2023, the Small Business Direct Install program achieved 47,842 net lifetime MWh of electric savings (83% of target). The program achieved 70% of its filed annual electric savings goal, while spending 72% of its filed annual electric budget.

The underperformance in program savings and spend in the program was partly attributable to a drop off in projects from independent vendors. The program Lead Vendor seeks to address this in 2024 with increased outreach to independent electricians and vendors that are serving customers eligible for the Small Business Direct Install program. In addition, savings from lighting was approximately 20% lower than originally planned while motor/drive actual savings were greater than originally planned for. The Company added additional non-lighting measures (e.g., transformer) and focused on other end uses (e.g., heat pump installations in businesses using electric resistance heat) in 2023, and into 2024, to minimize the impacts of the transition from lighting end uses. The Company adjusted incentives in 2023 in response to these variances.

In 2023, the Small Business Direct Install program achieved 82,957 net lifetime MMBtu of gas savings (64% of target). The program achieved 85% of its filed annual gas savings goal, while spending less than 50% of the filed annual gas budget.

The lower-than-expected gas savings and spend can be attributed to the installation of direct install gas measures such as low flow showerheads, which have a lower cost per therm saved than other gas efficiency measures.

### Highlights

Below are several examples of projects completed through the Small Business Direct Install Program:

- A private non-profit agency installed LED flat panel fixtures and Wi-Fi thermostats with temperature sensors that help them balance the temperature throughout the facility, saving 70,035 kWh and 476 therms.
- A private country club installed custom LED flat panels throughout the building allowing the customer the ability to change the light level with the built-in integrated controls, saving 56,040 kWh.
- A sports facility installed high performance LED high bays and upgraded their HVAC/VFD system, saving 158,000 kWh.

- A Main Street event in Central Falls resulted in 29 audits, of which 20 converted to installation of energy efficient equipment in micro-businesses, saving a total of 84,951 kWh.
- An assisted senior living facility had energy efficiency lighting installed and demand circulators upgraded, saving approximately 150,000 kWh and 4,000 therms.

## **Commercial and Industrial Multifamily**

The Multifamily program serves gas and electric multifamily buildings (5+ dwelling units). The program is available to both market rate, Income Eligible, and C&I customers. Offerings include energy assessments, incentives for heating / domestic hot water systems, cooling equipment, lighting, and appliances.

### **Overview of Performance**

In 2023, the C&I Multifamily program achieved 68,959 net lifetime MMBtu of gas savings (107% of target). The C&I Multifamily Program achieved 68% of its field annual gas savings goal, while spending 77% of its filed annual gas budget.

Although the program had lower-than-expected annual savings and spend, the lifetime savings achieved (which is the metric used to assess the Lead Vendor's performance) was at 107% of goal. A high number of relatively low-cost measures helped drive savings above 100% while reducing impacts on the budget.

# Cross Cutting Programs and Support Services

## Codes and Standards

The Codes and Standards Technical Support initiative (CSTS) provides targeted stakeholder outreach and technical guidance to increase compliance with minimum energy efficiency policies and requirements. The Company has continued to expand its energy code compliance support services to a variety of stakeholder groups.

### Highlights

In 2023, the Code Compliance Enhancement Initiative (CCEI) conducted 61 training events across the state with 990 total attendees. 53 of these were residential trainings (743 total attendees), while 9 of these were commercial trainings (247 total attendees). Rhode Island Energy partnered with several local organizations to promote and deliver trainings, including the Rhode Island Builders Association, the Rhode Island Association of Realtors, and the American Institute of Architects – Rhode Island. CCEI also launched a 20-week Residential Construction pre-apprentice training course funded through the RI Department of Labor and Training and Rhode Island Builders Association and offered through the Residential Construction Workforce Partnership. The course provided the basic skills and training needed for entering a career in energy efficiency, including soft skills, introduction to building science, weatherization, and HVAC.

## Community Based Initiative

The Community Based Initiative is an energy efficiency awareness campaign that drives energy efficiency (EE) program participation by engaging with residents, small businesses, and local officials. Initially, the Company works directly with municipalities to set EE program goals. The municipalities then work to achieve said goals by recruiting volunteers and conducting outreach at local public events. Throughout the initiative, the Company provides numerous services such as monthly progress reports and customized outreach materials. At the end of each year, the municipalities earn grants for achieving certain percentages of the identified EE goals. These grants are then used to fund municipal EE projects and/or community-based educational EE programs.

### Highlights

In 2023, Rhode Island Energy conducted its small business coordination by working with the Office of Planning and Economic Development and the Chamber of Commerce to help promote the initiative and to help identify potential customer leads. The Company also worked with the Department of Public Works to prioritize buildings based on energy use intensity (EUI) and began performing energy assessments of high priority buildings. In the second quarter, Rhode Island Energy implemented initiatives for underserved communities and delivered 20 new projects under the Main Street program in East Providence. These projects included both Minority Owned and Women Owned businesses. The Lead Vendor expects continued success in these markets as it added an internal “lead generation” employee in 2023. The employee received extensive training on identifying new opportunities and assisting Energy Specialists.

## Equity

In 2023, the Company continued its focus on serving all customers equitably. Rhode Island Energy strives to break down program participation barriers so that all Rhode Islanders – regardless of race, income, gender, ability, or other aspects of social status – can access and benefit from energy efficiency.

The Company continued its work with the Equity Working Group (EWG), in its third year, to identify opportunities to integrate the principles of diversity, equity, and inclusion in Rhode Island Energy Efficiency Programs. The 2023 EWG was comprised of thirty-three stakeholders, representing a variety of backgrounds and experience, and met four times starting in June 2023.

Throughout the year, the Company focused its efforts on several equity priorities, including those recommended by the Equity Working Group. Those recommendations and the Company’s resulting actions are listed below:

<b>Rhode Island Energy Efficiency Equity Working Group (EWG) Recommendations for 2023</b>
<b>1. Promote energy efficiency at community gathering places and events</b>
In 2023, the Company took several actions to promote energy efficiency at community gathering places and events. Actions included coordinating the Rhode Island Home Show, hiring and involving additional staff to support the promotion of energy efficiency at community gatherings (e.g., the Non-Violence Institute Resource Fair in Providence), and conducting energy efficiency marketing and outreach at Customer Assistance Expos across the state (e.g. Expo at Woonsocket Public Library).
<b>2. Provide enhanced outreach, promotion, and education of all energy efficiency offerings in underserved communities</b>
The Company continued to train Energy Efficiency Customer Advocates to conduct targeted education and outreach in underserved communities. Rhode Island Energy held or attended community events in Central Falls, Woonsocket, Providence, East Providence, and Pawtucket.
<b>3. Partner with and cross train other home visiting programs and other community organizations/resource groups to expand the reach and impact of Rhode Island Energy’s energy efficiency programs</b>
Rhode Island Energy partnered with Ocean State Center for Independent Living to conduct a home visiting program. It also partnered with several community organizations (e.g., Progreso Latino) to expand the reach and impact of its energy efficiency programs
<b>4. Continue to explore opportunities to support innovative education programs, helping to revitalize neighborhoods and fostering the development of the future workforce</b>

In 2023, the Company supported The Rhode Island Builders Association’s Residential Construction Workforce Partnership with \$40,000 in training funding.

**5. Develop recruitment material and explore opportunities for participation in local career fairs and partnerships with local trade schools, vocational programs, and community organizations**

The Company recruited at a Community Job Fair hosted by the Northern Rhode Island Chamber of Commerce in partnership with the Rhode Island Hispanic Chamber of Commerce, the City of Central Falls, and Rhode Island College. It also attended the Veterans Affairs Career Fair.

**6. Complete an internal needs assessment across all departments to determine opportunities for internships, mentorships, or job shadowing**

The Company completed a Workforce Needs Assessment.

In addition to the equity work and achievements highlighted above, the Company kicked off efforts in Q4 2023 to select outcome-based equity metrics to begin tracking and reporting on in 2024. These metrics will provide greater transparency into how Rhode Islanders are served by the Company’s energy efficiency programs, and they will allow for the opportunity to better understand and address barriers to participation that may exist.



## Demonstrations, Pilots, and Assessments

In 2023, the Company continued or started eight demonstrations, pilots, or assessments. The Company updated the EERMC and PUC of the progress, findings, and next steps of all demonstrations, pilots, and assessments in the 2023 Quarterly Reports.

Pilot, Demonstration, or Assessment	Objectives	Findings	Next Steps
Final Gas Appliances-Assessment-Residential	Assess opportunities for electric appliances at new homes	Study report finalized	Apply study results to program design
Gas Demand Response- Pilot-C&I	Test supply and/or distribution system benefits, reduction of gas system peak demand via a reduction in overall natural gas consumption, customer adoption of gas DR and incentive levels to drive participation	Winter season concluded	Analyze winter results
Gas Leak Survey-Demonstration-C&I	Investigate the program potential of providing customers with gas leak detection and repair services	Working with vendors to determine savings calculation assumptions and post-verification procedures	Test post-verification procedures at sites
Rightsizing RTUs-Assessment- C&I	Explore developing an approach for identifying rightsizing opportunities and estimating incremental savings through rightsizing equipment	Completed assessment, which identified strategies for RTU right-sizing	Integrate strategies into program design and implementation
Automated RTU Optimization-Demonstration-C&I	Examine the effectiveness of automated systems optimization for smaller customers with 2 or more RTUs	Evaluation report completed	Integrate strategies into program design and implementation
Commercial Weatherization-Assessment- C&I	Explore cost-effective opportunities to expand on historical weatherization efforts	Completed training with vendors, gathering feedback and conducting research for development	Develop express tool
Air Curtains-Demonstration-C&I	Review similar air curtains measures in other regions, and develop / demonstrate a RI-specific offering	Opted to develop measure offering, in line with MA PAs	Collaborate with MA, develop program offering, and develop go-to-market plan
Smart Valves for Chilled Water Systems-Demonstration-C&I	Demonstrate smart valves for chilled water systems. Recruit customers, monitor installed systems, develop analysis framework, and assess savings / cost-effectiveness	Final report submitted	Review report and develop plan on next steps

## **Rhode Island Comprehensive Marketing**

The Company's robust, comprehensive marketing campaigns boost awareness, interest, and participation in energy efficiency programming. Specifically, the Company focuses its messaging on affordability, comfort, safety, and customer segment specific energy efficiency solutions.

The Company's communication plan has two main elements: an education campaign and a program-specific campaign. The education campaign highlights pathways for customers to save energy and money with the Company's portfolio of products. Marketing outreach includes video, bill inserts, e-mail, radio (terrestrial and digital), digital ads, and social media (Facebook, Instagram, and Twitter). The program-specific campaign focuses on increasing participation within specific programs. Marketing channels include e-mail, direct mail, bill inserts, radio, and social media. The Company is committed to providing e-mail and direct mail for residential customers with options to read in Spanish and Portuguese.

## **Financing**

Since 2011, the Company has managed several revolving loan funds that allow customers to finance energy efficiency projects using their monthly energy bills. The funds help relieve pressure on the Energy Efficiency Program charge by reducing incentive budgets. In 2014, the Company began managing a revolving loan fund for state and municipal customers as part of the Rhode Island Public Energy Partnership (RI PEP). RI PEP resources have since been redirected into the Efficient Buildings Fund. In 2015, the Company extended opportunities for gas projects through the large C&I gas revolving loan fund. Please see tables E-6 and G-6 in Attachments 1 and 2 for more details.

### **Efficient Buildings Fund (EBF)**

Since 2015, the Company, the Rhode Island Office of Energy Resources, and the Rhode Island Infrastructure Bank (RIIB) have leveraged system benefit charge funds to drive energy improvements in facilities across Rhode Island. A \$5 million transfer was made for 2023 (Docket No. 22-33-EE).

### **Large C&I Revolving Loan Fund**

Through the electric large C&I revolving loan fund, the Company offered \$4.65 million through 532 loans in on-bill financing to 379 large commercial customers. At the end of 2023, the fund had a balance of \$12.86 million (including committed 2023 dollars).

Through the gas large C&I revolving loan fund, the Company offered \$0.12 million through 18 loans to 13 large commercial customers. At the end of 2023, the fund had a balance of \$1.17 million (including committed 2023 dollars).

### **Small Business Revolving Loan Fund**

All Small Business Direct Install program participants receive financing to cover 30% of project costs, either over 24 months at 0% interest or a lump sum payment with a 15% discount. Through the small business revolving loan fund, the Company offered \$0.69 million in loans to 427 small business customers. At the end of 2023, the fund had a balance of \$4.12 million.

### **Commercial Property Assessed Clean Energy (C-PACE):**

Since the program was adopted in Rhode Island in 2015, 34 projects have been completed, totaling over \$115 million in energy efficiency and renewable energy for businesses. Outreach by the Rhode Island Infrastructure Bank and the Company will continue in 2024.

**Ascentium**

The Company works with Ascentium Capital (a leading specialty financing firm in equipment and technology financing solutions) to offer customers alternative financing options for energy efficiency projects. A simple approval loan process allows customers to use their incentive to buy down interest on loans (typically to 0% depending on the term) for up to \$250,000.

**HEAT Loan**

The HEAT loan provides qualified residential customers with 0% financing for upfront costs associated with energy efficiency upgrades. The HEAT loan also spreads the upfront costs over multiple years. The EnergyWise, Multifamily, HVAC, and Connected Solutions programs pay the negotiated interest for the customer cost portion of the loan. The Capital Good Fund (the lender of last resort) provides financing to customers with less than perfect credit. There were 913 loans processed in 2023 totaling approximately \$9.53 million in financing towards project costs.

## Evaluation, Measurement and Verification Studies

The Company hires third party consulting firms to regularly conduct program evaluations as part of its measurement and verification process. These evaluations include engineering analysis, metering analysis, billing analysis, site visits, surveys, and market studies to calculate the actual program-delivered energy savings. Final reports and one-page graphical summaries of completed evaluations can be found on the Energy Efficiency Resource Management Council's website.

In 2023, 10 evaluation studies were completed. At the end of 2023, five evaluation studies were still in progress. Summaries for the completed studies may be found in Attachment 3.

### Residential Evaluation Studies

- Residential New Construction and Code Compliance Study (completed)
- EnergyWise Single Family Weatherization Impact Evaluation (completed)
- Participation Study Dashboard Update (completed, no summary available)
- Residential Nonparticipant Characterization and Segmentation Research (in progress)

### C&I Evaluation Studies

- Impact Evaluation of PY2021 Custom Gas Installations (completed, no summary available)
- Impact Evaluation of PY2021 Custom Electric Installations (completed, no summary available)
- Small Business Process Evaluation (completed)
- Rhode Island Commercial Food Service Equipment ISP (completed)
- C&I Free-Ridership and Spillover Study (completed)
- Impact Evaluation of PY2022 Custom Gas Installations (in progress)
- Impact Evaluation of PY2022 Custom Electric Installations (in progress)
- C&I New Construction Baseline Study (in progress)
- Automated RTU Optimization Demonstration Evaluation (in progress)

### Cross-Cutting Evaluation Study

- Rhode Island Energy Efficiency Workforce Development Needs Assessment (completed, no summary available)
- Comprehensive Measure Life Review (completed)

# Indicators of Performance

## Cost Schedules

Attachments 1a and 2a provide an additional level of granularity to the Company's energy efficiency program spending. In addition to Attachments 1a and 2a (which are non-confidential), the Company will file confidential vendor schedules that detail costs to individual vendors and other external entities. These confidential schedules were developed in collaboration with the Division through a Non-Disclosure Agreement. The Company is filing these confidential schedules with a motion for protective treatment.

## Performance Metrics

### Lifetime MWh and MMBtu Savings

The Company sets its primary energy savings goals in lifetime units.

### Program Cost per Energy Savings

Program cost per energy savings has been used since 2019. The Company will continue to use this metric to report / evaluate program performance.

### Peak Hour Gas Demand Savings

The Company tracks an estimate of peak-hour gas demand savings based on relationships between annual, peak day, and peak hour gas consumption. The Company acknowledges that this estimate is a rough approximation of peak-hour gas demand impacts. Currently, the National Grid Rhode Island Gas End Use Consumption Study (prepared by Guidehouse, Inc.) is used to update this metric.<sup>1</sup>

### Carbon Reductions

The Company includes a carbon reduction metric in quarterly reporting. This metric takes sector-level annual electric, gas, oil, and propane savings and converts them to short tons of CO<sub>2</sub> using emissions factors from the 2021 AESC.<sup>2</sup>

## Jobs Impacts

The Company has estimated the number of full-time equivalent (FTE) employees engaged in all aspects of EE programs where the Company provided funding support in 2023. The FTE estimate covers a wide range of EE services, including independent contractors and plumbers, rebate processors, engineers, and The Company's staff, and was determined by adjusting the number of FTEs identified in the 2021 study of workforce impacts<sup>3</sup> by the ratio of inflation-adjusted spending in 2023 to 2021.

Based on this analysis, 749 full-time equivalent (FTE) employees had work supported by the Company's investments in energy efficiency programs in 2023, and 626 organizations and agencies were

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<sup>1</sup> "National Grid RI Gas End-Use Consumption Study," June 10, 2021, accessed at <http://rieermc.ri.gov/wp-content/uploads/2021/07/ri-gas-end-use-consumption-study-final-2021-06-18-final.pdf>

<sup>2</sup> Appendix G, Table 171. [https://www.synapse-energy.com/sites/default/files/AESC%202021\\_20-068.pdf](https://www.synapse-energy.com/sites/default/files/AESC%202021_20-068.pdf)

<sup>3</sup> "Rhode Island 2021 Energy Efficiency Workforce Analysis -Final Report," May 31, 2022, accessed at <http://rieermc.ri.gov/wp-content/uploads/2023/05/rhode-island-2021-ee-workforce-analysis-final-report-clean-05-31-22.pdf>

involved in the Company's 2023 energy efficiency programs, 68% of which were in Rhode Island. A complete list of businesses is included as Attachment 5.

## Shareholder Incentive

The PIM Framework remains unchanged from 2022. Please see PUC Order No. 24225 and Rhode Island Energy's 2023 Energy Efficiency Plan (Docket 22-33, Bates page 98) for more details on the PIM Framework. The design-level performance incentive payouts and maximum service quality adjustments (SQA) were adjusted to reflect planned performance. Please see Table 4C in Attachments 1 and 2 for detailed calculations of 2023 PIM results.

### Performance Incentive Payout

Fuel	Sector	Design-Level Incentive	Earned Incentive
Electric	Residential	\$658,315	\$193,019
	Income Eligible	\$500,000	\$0
	C&I	\$2,700,846	\$2,279,253
Gas	Residential	\$500,000	\$0
	Income Eligible	\$500,000	\$0
	C&I	\$792,002	\$614,737

### Service Quality Adjustment

Fuel	Sector	Maximum SQA	Earned SQA
Electric	Residential	N/A	N/A
	Income Eligible	\$333,628	\$41,958
	C&I	N/A	N/A
Gas	Residential	\$333,102	\$173,223
	Income Eligible	\$123,176	\$43,741
	C&I	N/A	N/A

### Total Sector Earnings

Fuel	Sector	Net Earnings
Electric	Residential	\$193,019
	Income Eligible	-\$41,958
	C&I	\$2,279,253
Gas	Residential	-\$173,223
	Income Eligible	-\$43,741
	C&I	\$614,737

## Attachment 1

### Electric Summary Table of Year-End Results

**Table E-1**  
**Rhode Island Energy**  
**Summary of 2023 Energy Efficiency Target and Year-End Results**

	Annual Demand Reduction (kW)			Annual Energy Savings (MWh)			Lifetime Energy Savings (MWh)			Customer Participation			Implementation Expenses (\$000)			\$ / Lifetime kWh	
	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual
<b>Residential</b>																	
Residential New Construction	16	69	440.8%	689	567	82.2%	13,144	10,324	78.5%	410	470	114.7%	\$1,592.0	\$1,005.5	63.2%	\$0.121	\$0.097
Residential HVAC	640	212	33.1%	4,175	5,702	136.6%	71,055	98,697	138.9%	6,371	5,796	91.0%	\$5,340.8	\$5,181.5	97.0%	\$0.075	\$0.052
EnergyWise Single Family	466	404	86.8%	3,147	2,386	75.8%	16,940	15,596	92.1%	9,465	11,710	123.7%	\$15,585.3	\$15,666.8	100.5%	\$0.920	\$1.005
EnergyWise Multifamily	108	43	39.6%	680	323	47.6%	9,493	3,466	36.5%	1,744	666	38.2%	\$1,341.2	\$845.7	63.1%	\$0.141	\$0.244
Home Energy Reports	3,348	3,566	106.5%	24,350	25,932	106.5%	24,350	25,932	106.5%	276,390	242,231	87.6%	\$2,145.8	\$2,285.6	106.5%	\$0.088	\$0.088
Residential Consumer Products	885	515	58.2%	4,473	2,131	47.6%	31,684	15,024	47.4%	26,274	10,801	41.1%	\$2,489.1	\$1,813.6	72.9%	\$0.079	\$0.121
Residential Connected Solutions	7,878	7,310	92.8%							6,900	11,962	173.4%	\$1,963.1	\$3,326.0	169.4%		
Comprehensive Marketing - Residential													\$310.5	\$337.4	108.7%		
Community Based Initiatives - Residential													\$280.6	\$0.0	0.0%		
Residential Pilots													\$0.0	\$0.0	0.0%		
<b>Subtotal</b>	<b>13,340</b>	<b>12,119</b>	<b>90.8%</b>	<b>37,513</b>	<b>37,041</b>	<b>98.7%</b>	<b>166,665</b>	<b>169,039</b>	<b>101.4%</b>	<b>327,554</b>	<b>283,635</b>	<b>86.6%</b>	<b>\$31,048.3</b>	<b>\$30,462.1</b>	<b>98.1%</b>	<b>\$0.186</b>	<b>\$0.180</b>
<b>Income Eligible Residential</b>																	
Income Eligible Single Family	367	444	120.9%	2,801	2,628	93.8%	28,796	34,471	119.7%	3,111	4,616	148.4%	\$13,141.5	\$13,124.8	99.9%	\$0.456	\$0.381
Income Eligible Multifamily	90	22	24.6%	1,298	437	33.7%	17,632	6,629	37.6%	2,786	1,420	51.0%	\$3,335.8	\$1,713.5	51.4%	\$0.189	\$0.258
<b>Subtotal</b>	<b>457</b>	<b>466</b>	<b>102.0%</b>	<b>4,099</b>	<b>3,065</b>	<b>74.8%</b>	<b>46,427</b>	<b>41,100</b>	<b>88.5%</b>	<b>5,897</b>	<b>6,036</b>	<b>102.4%</b>	<b>\$16,477.3</b>	<b>\$14,838.3</b>	<b>90.1%</b>	<b>\$0.355</b>	<b>\$0.361</b>
<b>Commercial &amp; Industrial</b>																	
Large C&I New Construction	1,306	974	74.6%	10,481	8,563	81.7%	157,598	126,976	80.6%	45	52	114.7%	\$8,269.2	\$6,967.1	84.3%	\$0.052	\$0.055
Large C&I Retrofit	6,143	5,860	95.4%	35,260	38,245	108.5%	244,962	259,740	106.0%	2,142	2,766	129.1%	\$22,176.2	\$26,783.2	120.8%	\$0.091	\$0.103
Small Business Direct Install	708	1,030	145.4%	9,260	6,486	70.0%	57,778	47,842	82.8%	339	328	97.0%	\$7,552.2	\$5,402.3	71.5%	\$0.131	\$0.113
Commercial Connected Solutions	36,000	26,973	74.9%							216	139	64.4%	\$5,666.8	\$5,626.3	99.3%		
C&I Financing													\$2,000.0	\$2,000.0	100.0%		
Community Based Initiatives - C&I													\$93.5	\$14.0	15.0%		
Commercial Pilots													\$0.0	\$0.0	0.0%		
Commercial Workforce Development													\$157.5	\$9.3	5.9%		
<b>Subtotal</b>	<b>44,157</b>	<b>34,836</b>	<b>78.9%</b>	<b>55,001</b>	<b>53,294</b>	<b>96.9%</b>	<b>460,338</b>	<b>434,558</b>	<b>94.4%</b>	<b>2,741</b>	<b>3,285</b>	<b>119.8%</b>	<b>\$45,915.5</b>	<b>\$46,802.3</b>	<b>101.9%</b>	<b>\$0.100</b>	<b>\$0.108</b>
<b>Portfolio</b>																	
EERMC													\$594.3	\$574.5	96.7%		
OER													\$891.4	\$891.4	100.0%		
Electric Resistance to Heat Pump Conversions													\$409.3	\$409.3	100.0%		
Rhode Island Infrastructure Bank													\$3,737.5	\$3,737.5	100.0%		
<b>Subtotal</b>													<b>\$5,632.4</b>	<b>\$5,612.6</b>	<b>99.6%</b>		
<b>Grand Total</b>	<b>57,954</b>	<b>47,421</b>	<b>81.8%</b>	<b>96,613</b>	<b>93,400</b>	<b>96.7%</b>	<b>673,430</b>	<b>644,697</b>	<b>95.7%</b>	<b>336,192</b>	<b>292,956</b>	<b>87.1%</b>	<b>\$99,073.5</b>	<b>\$97,715.3</b>	<b>98.6%</b>	<b>\$0.147</b>	<b>\$0.152</b>

Note: electric resistance to heat pump conversions portfolio costs are unspent funds that will appear in the fund balance and are not altered during the year.



**Table E-2**  
**Rhode Island Energy**  
**Summary of 2023 Energy Efficiency Benefits by Program**

	Benefits (000s)																			
	Total	Total (Economic Excluded)	Energy						Capacity					Non Electric				Societal		
			Peak	Off Peak	Peak	Off Peak	Electric Energy DR/PE	Summer Generation	Capacity DR/PE	Transmission	Distribution	Reliability	Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	CHIP Economic	Economic
<b>Residential</b>																				
Residential New Construction	\$4,636	\$3,067	\$43	\$37	\$322	\$436	\$226	\$90	\$56	\$178	\$224	\$1	\$23	\$0	\$972	\$26	\$422	\$10	\$0	\$1,569
Residential HVAC	\$25,098	\$16,912	\$230	\$196	\$3,239	\$4,215	\$2,337	\$175	\$170	\$363	\$455	\$2	\$64	\$1,718	\$0	\$391	\$3,235	\$123	\$0	\$8,187
EnergyWise Single Family	\$34,536	\$18,006	\$231	\$200	\$330	\$339	\$341	\$189	\$217	\$400	\$501	\$3	\$3	\$11,069	\$229	\$826	\$2,790	\$420	\$0	\$16,650
EnergyWise Multifamily	\$2,206	\$980	\$62	\$51	\$87	\$104	\$79	\$34	\$25	\$67	\$84	\$0	\$0	\$3	\$8	\$259	\$115	\$2	\$0	\$1,226
Home Energy Reports	\$8,722	\$6,185	\$252	\$195	\$652	\$559	\$572	\$237	\$961	\$390	\$489	\$66	\$0	\$0	\$0	\$0	\$1,792	\$20	\$0	\$2,537
Residential Consumer Products	\$6,569	\$3,576	\$212	\$196	\$257	\$258	\$439	\$164	\$402	\$380	\$476	\$5	\$0	\$0	\$3	\$0	\$773	\$11	\$0	\$2,992
<b>Subtotal</b>	<b>\$81,767</b>	<b>\$48,806</b>	<b>\$1,029</b>	<b>\$875</b>	<b>\$4,886</b>	<b>\$5,912</b>	<b>\$3,994</b>	<b>\$888</b>	<b>\$1,831</b>	<b>\$1,779</b>	<b>\$2,229</b>	<b>\$76</b>	<b>\$89</b>	<b>\$12,791</b>	<b>\$1,212</b>	<b>\$1,503</b>	<b>\$9,127</b>	<b>\$586</b>	<b>\$0</b>	<b>\$32,961</b>
<b>Income Eligible-Residential</b>																				
Income Eligible Single Family	\$32,076	\$19,476	\$432	\$443	\$784	\$851	\$732	\$295	\$318	\$617	\$773	\$4	\$40	\$3,286	\$791	\$8,130	\$1,833	\$147	\$0	\$12,600
Income Eligible Multifamily	\$3,567	\$1,339	\$33	\$18	\$99	\$131	\$83	\$17	\$16	\$36	\$45	\$0	\$0	\$0	\$0	\$3	\$107	\$2	\$750	\$2,228
<b>Subtotal</b>	<b>\$35,642</b>	<b>\$20,815</b>	<b>\$465</b>	<b>\$462</b>	<b>\$883</b>	<b>\$982</b>	<b>\$815</b>	<b>\$313</b>	<b>\$334</b>	<b>\$652</b>	<b>\$817</b>	<b>\$4</b>	<b>\$40</b>	<b>\$3,286</b>	<b>\$791</b>	<b>\$8,133</b>	<b>\$1,939</b>	<b>\$149</b>	<b>\$750</b>	<b>\$14,827</b>
<b>Commercial &amp; Industrial</b>																				
Large C&I New Construction	\$42,617	\$23,527	\$2,159	\$1,432	\$3,164	\$2,160	\$2,972	\$741	\$782	\$1,548	\$1,938	\$9	-\$122	-\$18	\$0	\$2,581	\$4,113	\$68	\$0	\$19,090
Large C&I Retrofit	\$205,476	\$64,061	\$4,514	\$2,811	\$5,077	\$3,381	\$7,969	\$1,865	\$4,601	\$4,328	\$5,421	\$56	-\$312	-\$454	\$0	\$11,556	\$13,111	\$137	\$0	\$141,415
Small Business Direct Install	\$18,056	\$9,790	\$731	\$396	\$1,159	\$713	\$1,483	\$364	\$826	\$830	\$1,040	\$10	\$200	\$0	\$0	\$271	\$2,159	\$15	\$0	\$8,266
<b>Subtotal</b>	<b>\$266,148</b>	<b>\$97,378</b>	<b>\$7,404</b>	<b>\$4,638</b>	<b>\$9,399</b>	<b>\$6,254</b>	<b>\$12,425</b>	<b>\$2,970</b>	<b>\$6,209</b>	<b>\$6,706</b>	<b>\$8,400</b>	<b>\$75</b>	<b>-\$633</b>	<b>-\$480</b>	<b>\$0</b>	<b>\$14,408</b>	<b>\$19,383</b>	<b>\$221</b>	<b>\$0</b>	<b>\$168,771</b>
<b>Grand Total</b>	<b>\$383,557</b>	<b>\$166,998</b>	<b>\$8,897</b>	<b>\$5,975</b>	<b>\$15,168</b>	<b>\$13,147</b>	<b>\$17,235</b>	<b>\$4,171</b>	<b>\$8,373</b>	<b>\$9,137</b>	<b>\$11,445</b>	<b>\$155</b>	<b>-\$504</b>	<b>\$15,596</b>	<b>\$2,003</b>	<b>\$24,044</b>	<b>\$30,449</b>	<b>\$955</b>	<b>\$750</b>	<b>\$216,559</b>

Notes:  
(1) Carbon benefits are calculated using the marginal abatement cost.  
(2) The "CHIP Economic" column is a subset of the "Economic" column. CHIP Economic benefits are included in the "Total (Economic Excluded)" column because of the statutory basis of CHIP benefits.

**Table E-2A  
Rhode Island Energy  
Summary of 2023 Energy Efficiency Impacts by Program**

	kW Savings		MWh Savings		Gas MMBtu Savings		Oil MMBtu Savings		Propane MMBtu Savings	
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime
<b>Residential</b>										
Residential New Construction	69	35	567	10,324	210	2,731	1	11	884	21,535
Residential HVAC	212	1,349	5,702	98,697	510	7,649	4,480	67,206	-1	-11
EnergyWise Single Family	404	449	2,386	15,596	32	305	22,012	425,623	179	1,818
EnergyWise Multifamily	43	49	323	3,466	0	0	7	122	0	0
Home Energy Reports	3,566	5,511	25,932	25,932	0	0	0	0	0	0
Residential Consumer Products	515	170	2,131	15,024	0	0	1	17	1	14
<b>Subtotal</b>	<b>4,809</b>	<b>7,563</b>	<b>37,041</b>	<b>169,039</b>	<b>751</b>	<b>10,686</b>	<b>26,501</b>	<b>492,978</b>	<b>1,063</b>	<b>23,356</b>
<b>Income Eligible Residential</b>										
Income Eligible Single Family	444	360	2,628	34,471	323	4,832	6,713	126,576	390	7,415
Income Eligible Multifamily	22	217	437	6,629	0	0	0	0	0	0
<b>Subtotal</b>	<b>466</b>	<b>576</b>	<b>3,065</b>	<b>41,100</b>	<b>323</b>	<b>4,832</b>	<b>6,713</b>	<b>126,576</b>	<b>390</b>	<b>7,415</b>
<b>Commercial &amp; Industrial</b>										
Large C&I New Construction	974	822	8,563	126,976	-1,001	-15,019	-51	-770	0	0
Large C&I Retrofit	5,860	5,028	38,245	259,740	-5,628	-39,185	-2,057	-20,260	0	0
Small Business Direct Install	1,030	768	6,486	47,842	-4,184	-25,018	-43	-385	0	0
<b>Subtotal</b>	<b>7,863</b>	<b>6,617</b>	<b>53,294</b>	<b>434,558</b>	<b>-10,814</b>	<b>-79,223</b>	<b>-2,151</b>	<b>-21,416</b>	<b>0</b>	<b>0</b>
<b>Grand Total</b>	<b>13,139</b>	<b>14,757</b>	<b>93,400</b>	<b>644,697</b>	<b>-9,740</b>	<b>-63,705</b>	<b>31,063</b>	<b>598,139</b>	<b>1,453</b>	<b>30,771</b>



**Table E-3**  
**Rhode Island Energy**  
**Calculation of 2023 Program Year Cost-Effectiveness (\$000)**

	<b>RI Test Benefit / Cost</b>	<b>Total Benefit</b>	<b>Implementation Expenses</b>	<b>Participant Cost</b>	<b>Performance Incentive</b>
<b>Residential</b>					
Residential New Construction	2.14	\$3,066.9	\$1,005.5	\$426.9	
Residential HVAC	2.26	\$16,911.7	\$5,181.5	\$2,315.2	
EnergyWise Single Family	0.98	\$18,085.9	\$15,666.8	\$2,720.6	
EnergyWise Multifamily	1.11	\$979.6	\$845.7	\$36.6	
Home Energy Reports	2.71	\$6,185.2	\$2,285.6	\$0.0	
Residential Consumer Products	1.66	\$3,576.2	\$1,813.6	\$339.0	
Residential ConnectedSolutions	0.81	\$2,699.4	\$3,326.0	\$0.0	
Comprehensive Marketing - Residential			\$337.4		
Community Based Initiatives - Residential			\$0.0		
Residential Pilots			\$0.0		
Residential Workforce Development			\$0.0		
<b>Subtotal</b>	<b>1.41</b>	<b>\$51,504.9</b>	<b>\$30,462.1</b>	<b>\$5,838.3</b>	<b>\$193.0</b>
<b>Income Eligible Residential</b>					
Income Eligible Single Family	1.48	\$19,475.9	\$13,124.8	\$0.0	
Income Eligible Multifamily	0.78	\$1,339.0	\$1,713.5	\$0.0	
Income Eligible Workforce Development			\$0.0		
<b>Subtotal</b>	<b>1.41</b>	<b>\$20,814.9</b>	<b>\$14,838.3</b>	<b>\$0.0</b>	<b>-\$42.0</b>
<b>Commercial &amp; Industrial</b>					
Large C&I New Construction	3.14	\$23,526.6	\$6,967.1	\$518.5	
Large C&I Retrofit	1.58	\$64,060.9	\$26,783.2	\$13,700.8	
Small Business Direct Install	1.50	\$9,790.1	\$5,402.3	\$1,110.4	
Commercial ConnectedSolutions	1.81	\$10,188.2	\$5,626.3	\$0.0	
C&I Financing			\$2,000.0		
Community Based Initiatives - C&I			\$14.0		
Commercial Pilots			\$0.0		
Commercial Workforce Development			\$9.3		
<b>Subtotal</b>	<b>1.67</b>	<b>\$107,565.8</b>	<b>\$46,802.3</b>	<b>\$15,329.7</b>	<b>\$2,279.3</b>
<b>Portfolio</b>					
EERMC			\$574.5		
OER			\$891.4		
Electric Resistance to Heat Pump Conversions			\$409.3		
Rhode Island Infrastructure Bank			\$3,737.5		
<b>Subtotal</b>			<b>\$5,612.6</b>		
<b>Grand Total</b>	<b>1.48</b>	<b>\$179,885.6</b>	<b>\$97,715.3</b>	<b>\$21,168.0</b>	<b>\$2,430.3</b>

**Table E-4A  
Rhode Island Energy  
2023 PIM Benefits, Allocations, and Categorizations (\$000)**

	Energy										Utility NEIs	Non Electric				Social		
	Summer		Winter		Electric Energy DRPE	Summer Generation	Capacity			Reliability		Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	Economic
	Peak	Off Peak	Peak	Off Peak			Capacity DRPE	Transmission	Distribution									
<b>Residential</b>																		
Residential New Construction	\$43	\$37	\$322	\$436	\$226	\$90	\$56	\$178	\$224	\$1	\$0	\$23	\$0	\$972	\$26	\$422	\$10	\$1,569
Residential HVAC	\$230	\$196	\$3,239	\$4,215	\$2,337	\$175	\$170	\$363	\$455	\$2	\$0	\$64	\$1,718	\$0	\$391	\$3,235	\$123	\$8,187
EnergyWise Single Family	\$231	\$200	\$330	\$339	\$341	\$189	\$217	\$400	\$501	\$3	\$0	\$3	\$11,069	\$229	\$826	\$2,790	\$420	\$16,450
EnergyWise Multifamily	\$62	\$51	\$87	\$104	\$79	\$34	\$25	\$67	\$84	\$0	\$0	\$0	\$3	\$8	\$259	\$115	\$2	\$1,226
Home Energy Reports	\$252	\$195	\$652	\$559	\$572	\$237	\$961	\$390	\$489	\$66	\$0	\$0	\$0	\$0	\$1,792	\$20	\$2,537	
Residential Consumer Products	\$212	\$196	\$257	\$258	\$439	\$164	\$402	\$380	\$476	\$5	\$0	\$0	\$0	\$3	\$0	\$773	\$11	\$2,992
<b>Subtotal</b>	<b>\$1,029</b>	<b>\$875</b>	<b>\$4,886</b>	<b>\$5,912</b>	<b>\$3,994</b>	<b>\$888</b>	<b>\$1,831</b>	<b>\$1,779</b>	<b>\$2,229</b>	<b>\$76</b>	<b>\$0</b>	<b>\$89</b>	<b>\$12,791</b>	<b>\$1,212</b>	<b>\$1,503</b>	<b>\$9,127</b>	<b>\$586</b>	<b>\$32,961</b>
<b>Income Eligible Residential</b>																		
Income Eligible Single Family	\$432	\$443	\$784	\$851	\$732	\$295	\$318	\$617	\$773	\$4	\$75	\$40	\$3,286	\$791	\$8,130	\$1,833	\$147	\$12,600
Income Eligible Multifamily	\$33	\$18	\$99	\$131	\$83	\$17	\$16	\$36	\$45	\$0	\$0	\$0	\$0	\$0	\$3	\$107	\$2	\$2,228
<b>Subtotal</b>	<b>\$465</b>	<b>\$462</b>	<b>\$883</b>	<b>\$982</b>	<b>\$815</b>	<b>\$312</b>	<b>\$334</b>	<b>\$652</b>	<b>\$817</b>	<b>\$4</b>	<b>\$75</b>	<b>\$40</b>	<b>\$3,286</b>	<b>\$791</b>	<b>\$8,133</b>	<b>\$1,939</b>	<b>\$149</b>	<b>\$14,827</b>
<b>Commercial &amp; Industrial</b>																		
Large C&I New Construction	\$2,139	\$1,432	\$3,164	\$2,160	\$2,972	\$741	\$782	\$1,548	\$1,938	\$9	\$0	-\$122	-\$18	\$0	\$2,581	\$4,113	\$68	\$19,090
Large C&I Retrofit	\$4,514	\$2,811	\$5,077	\$3,381	\$7,969	\$1,865	\$4,601	\$4,328	\$5,421	\$56	\$0	-\$312	-\$454	\$0	\$11,556	\$13,111	\$137	\$141,415
Small Business Direct Install	\$731	\$396	\$1,159	\$713	\$1,485	\$364	\$826	\$830	\$1,040	\$10	\$0	-\$200	-\$9	\$0	\$271	\$2,159	\$15	\$8,266
<b>Subtotal</b>	<b>\$7,404</b>	<b>\$4,638</b>	<b>\$9,399</b>	<b>\$6,254</b>	<b>\$12,425</b>	<b>\$2,970</b>	<b>\$6,209</b>	<b>\$6,706</b>	<b>\$8,400</b>	<b>\$75</b>	<b>\$0</b>	<b>-\$633</b>	<b>-\$480</b>	<b>\$0</b>	<b>\$14,408</b>	<b>\$19,383</b>	<b>\$221</b>	<b>\$168,771</b>
<b>Grand Total</b>	<b>\$8,897</b>	<b>\$5,978</b>	<b>\$15,168</b>	<b>\$13,147</b>	<b>\$17,235</b>	<b>\$4,171</b>	<b>\$8,373</b>	<b>\$9,137</b>	<b>\$11,445</b>	<b>\$155</b>	<b>\$75</b>	<b>-\$594</b>	<b>\$15,596</b>	<b>\$2,003</b>	<b>\$24,044</b>	<b>\$30,449</b>	<b>\$955</b>	<b>\$216,559</b>
Benefit is PIM Eligible	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE
Percent Application in PIM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	50%	50%	0%	0%	0%	0%

Notes:  
(1) ConnectedSolutions was not included in the PIM calculation for 2023 because of the potential for earning an Annual MW Capacity Savings Performance-Based Incentive Mechanism in Docket Nos. 4770/4780.

**Table E-4B**  
**Rhode Island Energy**  
**2023 PIM Costs (\$000)**

	Eligible PIM Budget	Regulatory Costs	Total PIM-Eligible Costs
Residential	\$27,136	\$191	\$27,328
Income Eligible Residential	\$14,838	\$191	\$15,030
Commercial & Industrial	\$41,176	\$191	\$41,367

Notes:

(1) Regulatory costs only include EERMC costs which are distributed equally to each sector.

**Table E-4C  
Rhode Island Energy  
2023 PIM and SQA**

Inputs (\$000)								
	Electric Utility System Benefits	Resource Benefits	Achieved Total Benefits	Achieved Costs	Achieved Net Benefits	Planned Total Benefits	Planned Total Costs	Planned Net Benefits
Residential	\$23,499	\$7,046	\$30,544	\$27,328	\$3,217	\$35,798	\$29,283	\$6,515
Income Eligible Residential	\$5,801	\$2,059	\$7,860	\$15,030	-\$7,170	\$8,616	\$16,675	-\$8,060
Commercial & Industrial	\$64,479	-\$557	\$63,923	\$41,367	\$22,555	\$67,121	\$40,394	\$26,727

PIM (\$000)							
	Design Performance Achievement	Achieved Net Benefits / Design Performance Achievement	Achieved / Planned Costs	Design Performance Payout	Design Payout Rate	Payout Cap	Earned Performance Incentive
Residential	\$6,515	49.4%	93.3%	\$658	10.1%	\$823	\$193
Income Eligible Residential	\$2,000	-358.5%	90.1%	\$500	25.0%	\$625	\$0
Commercial & Industrial	\$26,727	84.4%	102.4%	\$2,701	10.1%	\$3,376	\$2,279

SQA (\$000)					
	Design Service Achievement	Service Achievement	Maximum Service Adjustment	Service Quality Adjustment Amount	% of Maximum Service Quality Adjustment Applied
Residential	\$35,798	85.3%	\$0	N/A	N/A
Income Eligible Residential	\$8,616	91.2%	\$334	\$42	12.6%
Commercial & Industrial	\$67,121	95.2%	\$0	N/A	N/A

Total Earnings (\$000)			
	Earned Performance Incentive	Service Quality Adjustment Amount	Total Earnings
Residential	\$193	\$0	\$193
Income Eligible Residential	\$0	\$42	-\$42
Commercial & Industrial	\$2,279	\$0	\$2,279
Portfolio	\$2,472	\$42	\$2,430

Notes:  
(1) For more information on the 2023 PIM, see RI Energy's 2023 Energy Efficiency Plan (Docket 22-33), Bates page 98.

**Table E-5**  
**Rhode Island Energy**  
**2023 Overall Analysis of Energy Efficiency Fund Balance**

	<b>JANUARY</b>	<b>FEBRUARY</b>	<b>MARCH</b>	<b>APRIL</b>	<b>MAY</b>	<b>JUNE</b>	<b>TOTAL</b>
1. Start Of Period Balance	\$39,889,083	\$38,177,448	\$35,885,772	\$32,113,932	\$32,738,210	\$32,285,556	\$39,889,083
2. Revenue	\$868,801	\$307,127	\$380,517	\$5,488,167	\$5,974,377	\$6,242,527	\$19,261,516
3. Monthly EE Expenses	\$2,627,573	\$2,643,522	\$4,235,837	\$4,943,505	\$6,506,858	\$2,692,558	\$23,649,854
4. Cash Flow Over/(Under)	(\$1,758,772)	(\$2,336,395)	(\$3,855,321)	\$544,662	(\$532,481)	\$3,549,969	(\$4,388,337)
5. End Of Period Balance Before Interest	\$38,130,311	\$35,841,053	\$32,030,452	\$32,658,594	\$32,205,729	\$35,835,525	\$35,500,746
6. Interest	\$47,137	\$44,720	\$83,480	\$79,616	\$79,827	\$83,732	\$418,512
7. End Of Period Balance After Interest	\$38,177,448	\$35,885,772	\$32,113,932	\$32,738,210	\$32,285,556	\$35,919,258	\$35,919,258
	<b>JULY</b>	<b>AUGUST</b>	<b>SEPTEMBER</b>	<b>OCTOBER</b>	<b>NOVEMBER</b>	<b>DECEMBER</b>	<b>YEAR END TOTAL</b>
8. Start Of Period Balance	\$35,919,258	\$37,957,498	\$38,966,571	\$42,241,858	\$40,945,242	\$33,130,420	\$39,889,083
9. Revenue 19	\$7,929,335	\$7,009,680	\$6,726,708	\$5,798,586	\$5,693,630	\$5,837,669	\$58,257,125
10. Monthly EE Expenses	\$5,981,790	\$6,095,044	\$3,551,117	\$7,197,327	\$13,599,392	\$37,461,170	\$97,535,694
11. Cash Flow Over/(Under)	\$1,947,545	\$914,637	\$3,175,591	(\$1,398,741)	(\$7,905,762)	(\$31,623,501)	(\$39,278,569)
12. End Of Period Balance Before Interest	\$37,866,803	\$38,872,135	\$42,142,162	\$40,843,117	\$33,039,480	\$1,506,919	\$610,514
13. Interest	\$90,695	\$94,436	\$99,696	\$102,125	\$90,940	\$42,575	\$938,980
14. End Of Period Balance After Interest	\$37,957,498	\$38,966,571	\$42,241,858	\$40,945,242	\$33,130,420	\$1,549,494	<b>\$1,549,494</b>
15. 2023 Incentive							<b>\$2,430,314</b>
16. Ending Balance after Incentive							<b>(\$880,820)</b>
17. Income Eligible Subsidization							<b>\$0</b>
18. Ending Balance after Subsidization							<b>(\$880,820)</b>
1. Previous year's ending balance			9. Business Objects queries for revenues				
2. Business Objects queries for revenues			10. SAP and Oracle queries for expenses				
3. SAP queries for expenses			11. Line 9 minus Line 10				
4. Line 2 minus Line 3			12. Line 8 plus Line 11				
5. Line 1 plus Line 4			13. Interest applied				
6. Interest applied			14. Line 12 plus Line 13				
7. Line 5 plus Line 6			15. Estimated 2023 Incentive plus prior period true-ups				
8. Previous month's ending balance			19. Revenues in July 2016 include \$1.525 million received from RGGI for the RI-E Municipal LED Lighting program				
			Expenses for this program are captured in WO 90000176341				



**Table E-6  
Rhode Island Energy  
2023 Revolving Loan Funds**

**Large C&I Electric Revolving Loan Fund**

**Small Business Electric Revolving Loan Fund**

<u>Income Statement</u>		<u>Income Statement</u>	
(1) 2023 Funds Available	\$10,419,391	(1) 2023 Funds Available	\$3,894,924
(2) 2023 Loan budget	\$14,000,000	(2) 2023 Loan budget	\$1,500,000
(3) Committed	\$0	(3) Committed	\$0
(4) Paid	\$4,652,253	(4) Paid	\$688,804
(5) Repayments	\$7,090,063	(5) Repayments	\$914,499
(6) Available 12/31/23	\$12,857,201	(6) Available 12/31/23	\$4,120,619
(7) Outstanding loan volume	\$14,465,530	(7) Outstanding loan volume	\$516,235
(8) Loan defaults during period (\$)	\$0	(8) Loan defaults during period (\$)	\$24,092
(9) Arrears over 120 days at period end (\$)	\$26,128	(9) Arrears over 120 days at period end (\$)	\$10,534
 <u>Program Impact</u>		 <u>Program Impact</u>	
(10) Number of loans	532	(10b) Participants	427
(10b) Participants	379	(11) Annual Savings (Gross MWh)	7,778
(11) Annual Savings (Gross MWh)	41,894	(12) Annual Savings (Net MWh)	6,486
(12) Annual Savings (Net MWh)	31,628	(13) Lifetime Savings (Gross MWh)	60,459
(13) Lifetime Savings (Gross MWh)	369	(14) Lifetime Savings (Net MWh)	47,842
(14) Lifetime Savings (Net MWh)	268,321	(15) Annual Savings (Gross kW)	1,277
(15) Annual Savings (Gross kW)	60	(16) Annual Saving (Net kW)	1,030
(16) Annual Saving (Net kW)	47	(17) Total associated incentive volume (\$)	\$4,688,819
(17) Total associated incentive volume (\$)	\$21,250,207	(18) Total annual estimated energy cost savings (\$)	\$1,148,020
(18) Total annual estimated energy cost savings (\$)	\$5,598,156		

**Rhode Island Public Energy Partnership (RI PEP)**

<u>Income Statement</u>	
(1) 2022 Funds Available	\$54,162
(2) 2022 Loan budget	\$0
(3) Committed	\$0
(4) Paid	\$0
(4a) Funds Returned to OER	\$0
(4b) Funds Transferred to RGGI ASHP	\$54,162
(5) Repayments	\$0
(6) Available 12/31/23	\$0
(7) Outstanding loan volume	\$0
(8) Loan defaults during period (\$)	\$0
(9) Arrears over 120 days at period end (\$)	\$0
 <u>Program Impact</u>	
(10) Number of loans	0
(10b) Participants	0
(11) Annual Savings (Gross MWh)	0
(12) Annual Savings (Net MWh)	0
(13) Lifetime Savings (Gross MWh)	0
(14) Lifetime Savings (Net MWh)	0
(15) Annual Savings (Gross kW)	0
(16) Annual Saving (Net kW)	0
(17) Total associated incentive volume (\$)	\$0
(18) Total annual estimated energy cost savings (\$)	\$0

**Notes:**

- 1 Amount available as of January 1, 2023. Includes line (6) "Available 12/31/21" plus line (3) "Committed" in Table E-6 and G-6 of the 2022 Year End Report.
- 2 Budget adopted by Sales Team for 2023 operations. Budget includes projections of repayments made during 2022.
- 3 As of December 31, 2023
- 4 As of December 31, 2023. This includes all projects paid through December 31, 2023 and the OBR associated with those projects. OBR payment are processed once
- 4a Funds returned to RI OER.
- 4b Funds transferred to RGGI Air Source Heat Pump Program
- 5 As of December 31, 2023
- 6 Fund balance as of December 31, 2023. Committed funds are subtracted from this amount.
- 7 Total outstanding loan balance. Loans lent out that still need to be paid back. This includes loans from previous years.
- 8 Total loan value in default during period.
- 9 Total loan value in arrears for over 120 days as of December 31, 2023.
- 10 As of December 31, 2023
- 10b Unique customer names for large business (one customer name can have multiple sub accounts as is in the case of a franchise). Customer accounts used for small
- 11 As of December 31, 2023
- 12 As of December 31, 2023
- 13 As of December 31, 2023
- 14 As of December 31, 2023
- 15 As of December 31, 2023
- 16 As of December 31, 2023
- 17 Incentives paid out with loans.
- 18 Estimated energy cost savings to loan fund participants.

**Table E-7**  
**Rhode Island Energy**  
**2023 Heat Loans**

	EnergyWise Single Family	EnergyWise Multifamily	Residential HVAC	Batteries	Total
(1) Number of loans	713	11	82	107	913
(2) Loan amount	\$6,046,994	\$121,537	\$1,250,641	\$2,107,060	\$9,526,231
(3) Measures					
<i>Pre-Weatherization</i>	46				
<i>Weatherization</i>	356				
<i>Heatsystems</i>	370				
<i>DHW</i>	48				
(4) Percentage of weatherization in loans	50%				

**Notes**

- 1 Equals the number of participants. As of December 31, 2023
- 2 Total amount of loans dispersed in 2023. Heat Loan costs are integrated in the program implementation expenses in tables E-1 and E-3.
- 3 Measures financed through loans.
- 4 Percentage of Heat Loan recipients using their loan for weatherization.

Attachment 1a  
Electric Costs Schedules

**Schedule 1 - Program and Sector Cost Summary**

**DIRECT vs ALLOCATED**

	(a)		(b)		(c)		(d)	
	TOTALS							
	TOTAL SPLIT 1		TOTAL SPLIT 2		Cost of services and product rebates/incentives provided to customers vs. Other Costs <sup>(1)</sup>			
	DIRECT vs ALLOCATED				DIRECT vs ALLOCATED			
					Cost of services and product rebates/incentives provided to customers		Other Costs	
	Total Costs	DIRECT	ALLOCATED					
1 Residential New Construction (Electric)	\$1,005,549	\$816,531	\$189,017	\$562,042	\$443,506			
2 ENERGY STAR HVAC (Electric)	\$5,181,477	\$4,835,191	\$346,286	\$3,681,063	\$1,500,414			
3 EnergyWise (Electric)	\$15,666,788	\$14,947,229	\$719,558	\$12,691,474	\$2,975,314			
4 EnergyWise Multi Family (Electric)	\$845,732	\$685,394	\$160,338	\$401,010	\$444,723			
5 Home Energy Reports (Electric)	\$2,285,617	\$2,202,010	\$83,607	\$0	\$2,285,617			
6 ENERGY STAR Lighting (Electric)	\$1,607	\$1,607	\$0	\$0	\$1,607			
7 Residential Consumer Products (Electric)	\$1,813,609	\$1,634,023	\$179,586	\$611,351	\$1,202,258			
8 Residential ConnectedSolutions (Electric)	\$3,326,008	\$3,219,426	\$106,575	\$2,635,965	\$690,033			
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0			
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0			
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0			
12 Comprehensive Marketing Residential (Electric)	\$337,354	\$316,240	\$21,115	\$0	\$337,354			
13 Subtotal Non-Income Eligible Residential	\$30,463,733	\$28,657,651	\$1,806,082	\$20,582,905	\$9,880,828			
14 Single Family - Income Eligible Services (Electric)	\$13,124,813	\$12,554,335	\$570,478	\$10,576,252	\$2,548,561			
15 Income Eligible Multifamily (Electric)	\$1,713,472	\$1,514,252	\$199,219	\$1,277,527	\$435,940			
16 Subtotal Income Eligible Residential	\$14,838,285	\$14,068,588	\$769,697	\$11,853,779	\$2,984,500			
17 Large Commercial New Construction (Electric)	\$6,967,148	\$6,319,494	\$647,654	\$4,588,228	\$3,378,920			
18 Large Commercial Retrofit (Electric)	\$26,783,176	\$25,080,851	\$1,702,325	\$21,538,653	\$5,244,523			
19 Small Business Direct Install (Electric)	\$5,402,328	\$5,048,667	\$353,661	\$4,688,819	\$713,509			
20 Commercial ConnectedSolutions (Electric)	\$5,626,315	\$5,424,487	\$201,827	\$4,920,493	\$705,822			
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0			
22 Community Based Initiatives - C&I (Electric)	\$14,016	\$14,016	\$0	\$0	\$14,016			
23 Finance Costs (Electric)	\$5,737,491	\$5,737,491	\$0	\$5,737,491	\$0			
24 Commercial Workforce Development (Electric)	\$9,328	\$9,328	\$0	\$0	\$9,328			
25 Subtotal Commercial & Industrial	\$50,539,801	\$47,634,333	\$2,905,468	\$41,473,684	\$9,066,117			
26 DER (Electric)	\$891,394	\$891,394	\$0	\$0	\$891,394			
27 BERMIC (Electric) <sup>(1)</sup>	\$574,471	\$574,471	\$0	\$0	\$574,471			
28 Subtotal Regulatory	\$1,465,865	\$1,465,865	\$0	\$0	\$1,465,865			
29 TOTAL All Sectors	\$97,307,684	\$91,826,437	\$5,481,248	\$73,910,367	\$23,397,317			
SRP PROGRAMS (Electric)	\$0	\$0	\$0	\$0	\$0			
OTHER COSTS NOT LISTED ABOVE (Electric)	\$0	\$0	\$0	\$0	\$0			

	(e)		(f)		(g)		(h)		(i)		(j)		(k)		(l)		(m)		(n)		(o)		(p)	
	DETAILS																							
	DIRECT COSTS						ALLOCATED COSTS																	
NO INCENTIVE <sup>(2)</sup>						Cost of services and product rebates/incentives provided to customers						Other Costs				Cost of services and product rebates/incentives provided to customers								
Rhode Island Energy Direct Labor & Employee Expense	Direct External	Direct "Not Labor, Expense, External"	Rhode Island Energy Direct Labor & Employee Expense	Direct External	Direct "Not Labor, Expense, External"	Rhode Island Energy Allocated Labor & Employee Expense	Allocated External	Allocated "Not Labor, Expense, External"	Rhode Island Energy Allocated Labor & Employee Expense	Allocated External	Allocated "Not Labor, Expense, Vendor"													
\$14,313	\$240,176	\$0	\$0	\$562,042	\$0	\$42,439	\$146,579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$85,584	\$1,066,544	\$0	\$0	\$3,681,063	\$0	\$87,327	\$258,959	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,434	\$2,244,321	\$0	\$0	\$12,691,474	\$0	\$165,598	\$53,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$51,899	\$32,485	\$0	\$0	\$401,010	\$0	\$41,461	\$18,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$2,202,010	\$0	\$0	\$0	\$0	\$24,745	\$58,862	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$1,607	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,357	\$987,315	\$0	\$0	\$611,351	\$0	\$41,587	\$137,999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$40,136	\$543,325	\$0	\$0	\$2,635,965	\$0	\$28,156	\$78,419	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$316,240	\$0	\$0	\$0	\$0	\$383	\$20,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$238,724	\$7,836,023	\$0	\$0	\$20,582,905	\$0	\$431,694	\$1,374,388	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$27,829	\$1,950,254	\$0	\$0	\$10,576,252	\$0	\$153,381	\$417,097	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$45,417	\$191,309	\$0	\$0	\$1,277,527	\$0	\$52,573	\$146,647	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$73,246	\$2,141,663	\$0	\$0	\$11,853,779	\$0	\$205,953	\$563,744	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$98,159	\$1,633,106	\$0	\$0	\$4,588,228	\$0	\$366,928	\$380,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$156,329	\$3,385,869	\$0	\$0	\$21,538,653	\$0	\$1,003,471	\$698,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,179	\$354,669	\$0	\$0	\$4,688,819	\$0	\$143,333	\$210,329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$23,562	\$480,433	\$0	\$0	\$4,920,493	\$0	\$86,815	\$115,013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,043	\$975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$5,737,491	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$506	\$8,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$296,776	\$5,863,874	\$0	\$0	\$41,473,684	\$0	\$1,600,547	\$1,304,922	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$891,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$574,471	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$1,465,865	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$608,746	\$17,307,324	\$0	\$0	\$73,910,367	\$0	\$2,238,194	\$3,243,053	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Schedule 1a - Program and Sector Cost Summary**

**By Report Category**

		(d) (Schedule 4) col a	(e) (Schedule 5) col a	(f) (Schedule 6) col a	(g) (Schedule 7) col a	(h) (Schedule 8) col a	
	<b>Total Costs</b>	Program Planning & Admin.	Marketing	Cost of services and product rebates/incentives provided to customers (1)	STAT	Evaluation & Research	
1	Residential New Construction (Electric)	\$1,005,549	\$154,790	\$1,527	\$562,042	\$207,977	\$79,212
2	ENERGY STAR HVAC (Electric)	\$5,181,477	\$377,603	\$274,802	\$3,681,063	\$796,849	\$51,159
3	EnergyWise (Electric)	\$15,666,788	\$568,039	\$313,535	\$12,691,474	\$1,867,674	\$226,066
4	EnergyWise Multi Family (Electric)	\$845,732	\$194,811	\$75,932	\$401,010	\$86,493	\$87,488
5	Home Energy Reports (Electric)	\$2,285,617	\$55,251	\$845	\$0	\$2,215,891	\$13,630
6	ENERGY STAR Lighting (Electric)	\$1,607	\$0	\$0	\$0	\$0	\$1,607
7	Residential Consumer Products (Electric)	\$1,813,609	\$220,097	\$416,332	\$611,351	\$550,289	\$15,540
8	Residential ConnectedSolutions (Electric)	\$3,326,000	\$103,718	\$734	\$2,635,965	\$574,686	\$10,897
9	Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0
10	Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0
11	Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0
12	Comprehensive Marketing Residential (Electric)	\$337,354	\$1,338	\$336,016	\$0	\$0	\$0
13	<b>Subtotal Non-Income Eligible Residential</b>	<b>\$30,463,733</b>	<b>\$1,675,647</b>	<b>\$1,419,723</b>	<b>\$20,582,905</b>	<b>\$6,299,858</b>	<b>\$485,600</b>
14	Single Family - Income Eligible Services (Electric)	\$13,124,813	\$536,322	\$161,926	\$10,576,252	\$1,780,816	\$69,497
15	Income Eligible Multifamily (Electric)	\$1,713,472	\$221,290	\$8,270	\$1,277,527	\$179,674	\$26,711
16	<b>Subtotal Income Eligible Residential</b>	<b>\$14,838,285</b>	<b>\$757,613</b>	<b>\$170,196</b>	<b>\$11,853,779</b>	<b>\$1,960,490</b>	<b>\$96,208</b>
17	Large Commercial New Construction (Electric)	\$6,967,148	\$234,280	\$184,897	\$4,588,228	\$1,517,685	\$442,057
18	Large Commercial Retrofit (Electric)	\$26,783,176	\$787,379	\$142,242	\$21,538,653	\$3,544,571	\$770,330
19	Small Business Direct Install (Electric)	\$5,402,328	\$268,260	\$214,869	\$4,688,819	\$69,160	\$161,221
20	Commercial ConnectedSolutions (Electric)	\$5,626,315	\$679,758	\$0	\$4,920,493	\$26,064	\$0
21	Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0
22	Community Based Initiatives - C&I (Electric)	\$14,016	\$113	\$0	\$0	\$13,902	\$0
23	Finance Costs (Electric)	\$5,737,491	\$0	\$0	\$5,737,491	\$0	\$0
24	Commercial Workforce Development (Electric)	\$9,328	\$0	\$0	\$0	\$9,328	\$0
25	<b>Subtotal Commercial &amp; Industrial</b>	<b>\$50,539,801</b>	<b>\$1,969,791</b>	<b>\$542,008</b>	<b>\$41,473,684</b>	<b>\$5,180,710</b>	<b>\$1,373,608</b>
26	OER (Electric)	\$891,394	\$891,394	\$0	\$0	\$0	\$0
27	EERMC (Electric)	\$574,471	\$565,815	\$8,656	\$0	\$0	\$0
28	<b>Subtotal Regulatory</b>	<b>\$1,465,865</b>	<b>\$1,457,209</b>	<b>\$8,656</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
29	<b>TOTAL All Sectors</b>	<b>\$97,307,684</b>	<b>\$5,860,260</b>	<b>\$2,140,584</b>	<b>\$73,910,367</b>	<b>\$13,441,058</b>	<b>\$1,955,415</b>
	<b>SRP PROGRAMS (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>OTHER COSTS NOT LISTED ABOVE (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 2 - Labor and Employee Expenses**

	(a) (b)+(c)	(b) (e)+(h)	(c) (f)+(i)	(d) (e)+(f)	(e)	(f)	(g) (h)+(i)	(h)	(i)
	Total Rhode Island Energy Labor + Expenses	Rhode Island Energy Direct Labor + Expenses	Rhode Island Energy Allocated Labor + Expenses	Total Rhode Island Energy Labor	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses
1 Residential New Construction (Electric)	\$56,752	\$14,313	\$42,439	\$56,127	\$14,313	\$41,814	\$625	\$0	\$625
2 ENERGY STAR HVAC (Electric)	\$172,910	\$85,584	\$87,327	\$171,687	\$85,584	\$86,103	\$1,223	\$0	\$1,223
3 EnergyWise (Electric)	\$177,032	\$11,434	\$165,598	\$174,738	\$11,434	\$163,303	\$2,294	\$0	\$2,294
4 EnergyWise Multi Family (Electric)	\$93,360	\$51,899	\$41,461	\$92,842	\$51,899	\$40,943	\$518	\$0	\$518
5 Home Energy Reports (Electric)	\$24,745	\$0	\$24,745	\$23,943	\$0	\$23,943	\$802	\$0	\$802
6 ENERGY STAR Lighting (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Residential Consumer Products (Electric)	\$76,944	\$35,357	\$41,587	\$76,289	\$35,357	\$40,931	\$656	\$0	\$656
8 Residential ConnectedSolutions (Electric)	\$68,292	\$40,136	\$28,156	\$67,878	\$40,136	\$27,741	\$414	\$0	\$414
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Comprehensive Marketing Residential (Electric)	\$383	\$0	\$383	\$378	\$0	\$378	\$4	\$0	\$4
13 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$670,418</b>	<b>\$238,724</b>	<b>\$431,694</b>	<b>\$663,881</b>	<b>\$238,724</b>	<b>\$425,158</b>	<b>\$6,537</b>	<b>\$0</b>	<b>\$6,537</b>
14 Single Family - Income Eligible Services (Electric)	\$181,210	\$27,829	\$153,381	\$178,955	\$27,829	\$151,126	\$2,255	\$0	\$2,255
15 Income Eligible Multifamily (Electric)	\$97,990	\$45,417	\$52,573	\$97,246	\$45,417	\$51,829	\$744	\$0	\$744
16 <b>Subtotal Income Eligible Residential</b>	<b>\$279,200</b>	<b>\$73,246</b>	<b>\$205,953</b>	<b>\$276,201</b>	<b>\$73,246</b>	<b>\$202,954</b>	<b>\$2,999</b>	<b>\$0</b>	<b>\$2,999</b>
17 Large Commercial New Construction (Electric)	\$465,088	\$98,159	\$366,928	\$460,551	\$98,097	\$362,454	\$4,536	\$62	\$4,474
18 Large Commercial Retrofit (Electric)	\$1,159,799	\$156,329	\$1,003,471	\$1,147,703	\$156,186	\$991,517	\$12,096	\$142	\$11,954
19 Small Business Direct Install (Electric)	\$148,512	\$5,179	\$143,333	\$147,241	\$5,179	\$142,062	\$1,271	\$0	\$1,271
20 Commercial ConnectedSolutions (Electric)	\$110,376	\$23,562	\$86,815	\$109,636	\$23,562	\$86,075	\$740	\$0	\$740
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Community Based Initiatives - C&I (Electric)	\$13,041	\$13,041	\$0	\$12,502	\$12,502	\$0	\$539	\$539	\$0
23 Finance Costs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Commercial Workforce Development (Electric)	\$506	\$506	\$0	\$0	\$0	\$0	\$506	\$506	\$0
25 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$1,897,322</b>	<b>\$296,776</b>	<b>\$1,600,547</b>	<b>\$1,877,634</b>	<b>\$295,526</b>	<b>\$1,582,108</b>	<b>\$19,689</b>	<b>\$1,250</b>	<b>\$18,439</b>
26 OER (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27 EERMC (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
29 <b>TOTAL All Sectors</b>	<b>\$2,846,940</b>	<b>\$608,746</b>	<b>\$2,238,194</b>	<b>\$2,817,716</b>	<b>\$607,496</b>	<b>\$2,210,220</b>	<b>\$29,224</b>	<b>\$1,250</b>	<b>\$27,974</b>
<b>SRP PROGRAMS (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 3 - Expenses Categorized as Vendor Costs in Company's Systems<sup>1</sup>**

	(a)	(b)	(c) (a) - (b)	(d)	(e)	(f) (d) + (e)	(g) (c) + (f)
	Total Costs of Services, Products, and Rebates Provided to Customers.2 (also referred to as "Rebates and Other Customer Incentives")	Rebate Payments Made Directly to Customers by Rhode Island Energy and Rebates Paid to PEX's to Whom Customer Rebates were Assigned	Payments to Service Vendors for Costs Relating to Services, Products, and Processing Rebates (excluding costs included in col. b)3	Direct "External Costs"4 from Vendor Services	"External Costs" from Vendors Originating from an Allocation	Total of Vendor Costs Categorized as "External Costs" from Service Vendors (excluding costs included in columns a, b & c)	Total Costs from Service Vendors, Excluding Rebate Payments Made Directly to Customers by Rhode Island Energy
1 Residential New Construction (Electric)	\$562,042	\$0	\$562,042	\$240,176	\$146,579	\$386,754	\$948,797
2 ENERGY STAR HVAC (Electric)	\$3,681,063	\$0	\$3,681,063	\$1,068,544	\$258,959	\$1,327,504	\$5,008,567
3 EnergyWise (Electric)	\$12,691,474	\$0	\$12,691,474	\$2,244,321	\$553,960	\$2,798,281	\$15,489,755
4 EnergyWise Multi Family (Electric)	\$401,010	\$0	\$401,010	\$232,485	\$118,878	\$351,363	\$752,372
5 Home Energy Reports (Electric)	\$0	\$0	\$0	\$2,202,010	\$58,862	\$2,260,872	\$2,260,872
6 ENERGY STAR Lighting (Electric)	\$0	\$0	\$0	\$1,607	\$0	\$1,607	\$1,607
7 Residential Consumer Products (Electric)	\$611,351	\$0	\$611,351	\$987,315	\$137,999	\$1,125,314	\$1,736,665
8 Residential ConnectedSolutions (Electric)	\$2,635,965	\$0	\$2,635,965	\$543,325	\$78,419	\$621,744	\$3,257,709
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Comprehensive Marketing Residential (Electric)	\$0	\$0	\$0	\$316,240	\$20,732	\$336,972	\$336,972
13 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$20,582,905</b>	<b>\$0</b>	<b>\$20,582,905</b>	<b>\$7,836,023</b>	<b>\$1,374,388</b>	<b>\$9,210,410</b>	<b>\$29,793,315</b>
14 Single Family - Income Eligible Services (Electric)	\$10,576,252	\$0	\$10,576,252	\$1,950,254	\$417,097	\$2,367,351	\$12,943,603
15 Income Eligible Multifamily (Electric)	\$1,277,527	\$0	\$1,277,527	\$191,309	\$146,647	\$337,955	\$1,615,482
16 <b>Subtotal Income Eligible Residential</b>	<b>\$11,853,779</b>	<b>\$0</b>	<b>\$11,853,779</b>	<b>\$2,141,563</b>	<b>\$563,744</b>	<b>\$2,705,306</b>	<b>\$14,559,085</b>
17 Large Commercial New Construction (Electric)	\$4,588,228	\$1,938,151	\$2,650,077	\$1,633,106	\$280,726	\$1,913,832	\$4,563,909
18 Large Commercial Retrofit (Electric)	\$21,538,653	\$1,135,749	\$20,402,904	\$3,385,869	\$698,854	\$4,084,723	\$24,487,627
19 Small Business Direct Install (Electric)	\$4,688,819	\$0	\$4,688,819	\$354,669	\$210,329	\$564,997	\$5,253,816
20 Commercial ConnectedSolutions (Electric)	\$4,920,493	\$0	\$4,920,493	\$480,433	\$115,013	\$595,446	\$5,515,938
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Community Based Initiatives - C&I (Electric)	\$0	\$0	\$0	\$975	\$0	\$975	\$975
23 Finance Costs (Electric)	\$5,737,491	\$0	\$5,737,491	\$0	\$0	\$0	\$5,737,491
24 Commercial Workforce Development (Electric)	\$0	\$0	\$0	\$8,822	\$0	\$8,822	\$8,822
25 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$41,473,684</b>	<b>\$3,073,900</b>	<b>\$38,399,784</b>	<b>\$5,863,874</b>	<b>\$1,304,922</b>	<b>\$7,168,795</b>	<b>\$45,568,579</b>
26 OER (Electric)	\$0	\$0	\$0	\$891,394	\$0	\$891,394	\$891,394
27 EERMC (Electric)	\$0	\$0	\$0	\$574,471	\$0	\$574,471	\$574,471
28 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,465,865</b>	<b>\$0</b>	<b>\$1,465,865</b>	<b>\$1,465,865</b>
29 <b>TOTAL All Sectors</b>	<b>\$73,910,367</b>	<b>\$3,073,900</b>	<b>\$70,836,467</b>	<b>\$17,307,324</b>	<b>\$3,243,053</b>	<b>\$20,550,377</b>	<b>\$91,386,844</b>
SRP PROGRAMS (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER COSTS NOT LISTED ABOVE (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

<sup>1</sup> The Company's accounting system treats all payments made directly to customers and vendors as one category of vendor expenses.

Rebates paid to customers through service contracts with vendors are included in the service cost of the vendor.

<sup>2</sup> Prior to 2020, this column was labeled as "Rebates and Other Customer Incentives" in annual reports and plans.

<sup>3</sup> This cost category includes service costs for customers plus rebates/incentives processed and paid to customers by the vendor, but excludes rebates paid directly to customers by the Company in col (b).

<sup>4</sup> The term "External Costs" has been used in Company reports to identify a subset of vendor costs not included in "Rebates and Other Customer Incentives".

<sup>5</sup> In the 2020 Year End Report, Home Energy Reports were categorized under column (c) in this schedule. Starting with the Year End Report, Home Energy Reports costs categorized under column (c) are now categorized under column (d).

**Schedule 4 - Program Planning & Administration**

	(a) (b)+(e)+(h)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(h) (i)+(j)	(i)	(j)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Electric)	\$154,790	\$54,004	\$14,310	\$39,694	\$468	\$0	\$468	\$100,318	\$0	\$100,318	\$0	\$0	\$0
2 ENERGY STAR HVAC (Electric)	\$377,603	\$168,097	\$85,339	\$82,758	\$975	\$0	\$975	\$208,531	-\$624	\$209,155	\$0	\$0	\$0
3 EnergyWise (Electric)	\$568,039	\$168,458	\$11,086	\$157,372	\$1,855	\$0	\$1,855	\$397,725	\$0	\$397,725	\$0	\$0	\$0
4 EnergyWise Multi Family (Electric)	\$194,811	\$92,279	\$51,897	\$40,382	\$476	\$0	\$476	\$102,056	\$0	\$102,056	\$0	\$0	\$0
5 Home Energy Reports (Electric)	\$55,251	\$15,612	\$0	\$15,612	\$184	\$0	\$184	\$39,456	\$0	\$39,456	\$0	\$0	\$0
6 ENERGY STAR Lighting (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Residential Consumer Products (Electric)	\$220,097	\$73,497	\$35,340	\$38,156	\$450	\$0	\$450	\$146,150	\$49,718	\$96,432	\$0	\$0	\$0
8 Residential ConnectedSolutions (Electric)	\$103,718	\$26,415	\$72	\$26,343	\$310	\$0	\$310	\$76,992	\$10,416	\$66,576	\$0	\$0	\$0
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Comprehensive Marketing Residential (Electric)	\$1,338	\$378	\$0	\$378	\$4	\$0	\$4	\$956	\$0	\$956	\$0	\$0	\$0
<b>Subtotal Non-Income Eligible Residential</b>	<b>\$1,675,647</b>	<b>\$598,740</b>	<b>\$198,045</b>	<b>\$400,695</b>	<b>\$4,723</b>	<b>\$0</b>	<b>\$4,723</b>	<b>\$1,072,184</b>	<b>\$59,510</b>	<b>\$1,012,674</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
14 Single Family - Income Eligible Services (Electric)	\$536,322	\$171,361	\$27,832	\$143,529	\$1,692	\$0	\$1,692	\$363,270	\$531	\$362,739	\$0	\$0	\$0
15 Income Eligible Multifamily (Electric)	\$221,290	\$95,111	\$45,416	\$49,695	\$586	\$0	\$586	\$125,594	\$0	\$125,594	\$0	\$0	\$0
<b>Subtotal Income Eligible Residential</b>	<b>\$757,613</b>	<b>\$266,472</b>	<b>\$73,248</b>	<b>\$193,224</b>	<b>\$2,277</b>	<b>\$0</b>	<b>\$2,277</b>	<b>\$488,864</b>	<b>\$531</b>	<b>\$488,333</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
17 Large Commercial New Construction (Electric)	\$234,280	\$81,415	\$0	\$81,415	\$520	\$0	\$520	\$152,345	\$683	\$151,662	\$0	\$0	\$0
18 Large Commercial Retrofit (Electric)	\$787,379	\$260,083	\$59	\$260,024	\$1,662	\$0	\$1,662	\$525,634	\$41,258	\$484,377	\$0	\$0	\$0
19 Small Business Direct Install (Electric)	\$268,260	\$94,778	\$10	\$94,768	\$606	\$0	\$606	\$172,877	-\$3,658	\$176,535	\$0	\$0	\$0
20 Commercial ConnectedSolutions (Electric)	\$679,758	\$84,597	\$23,219	\$61,378	\$392	\$0	\$392	\$594,769	\$480,433	\$114,336	\$0	\$0	\$0
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Community Based Initiatives - C&I (Electric)	\$113	\$0	\$0	\$0	\$113	\$113	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 Finance Costs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Commercial Workforce Development (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Commercial &amp; Industrial</b>	<b>\$1,969,791</b>	<b>\$520,872</b>	<b>\$23,288</b>	<b>\$497,584</b>	<b>\$3,294</b>	<b>\$113</b>	<b>\$3,181</b>	<b>\$1,445,625</b>	<b>\$518,716</b>	<b>\$926,909</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
26 OER (Electric)	\$891,394	\$0	\$0	\$0	\$0	\$0	\$0	\$891,394	\$891,394	\$0	\$0	\$0	\$0
27 EERMC (Electric)	\$565,815	\$0	\$0	\$0	\$0	\$0	\$0	\$565,815	\$565,815	\$0	\$0	\$0	\$0
<b>Subtotal Regulatory</b>	<b>\$1,457,209</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,457,209</b>	<b>\$1,457,209</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>29 TOTAL All Sectors</b>	<b>\$5,860,260</b>	<b>\$1,386,085</b>	<b>\$294,581</b>	<b>\$1,091,503</b>	<b>\$10,294</b>	<b>\$113</b>	<b>\$10,181</b>	<b>\$4,463,881</b>	<b>\$2,035,966</b>	<b>\$2,427,915</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SRP PROGRAMS (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



Schedule 5 - Marketing

	(a) (b)+(e)+(h)+(k)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(k) (l)+(m)	(l)	(m)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Electric)	\$1,527	\$0	\$0	\$0	\$0	\$0	\$0	\$1,527	\$0	\$1,527	\$0	\$0	\$0
2 ENERGY STAR HVAC (Electric)	\$274,802	\$0	\$0	\$0	\$0	\$0	\$0	\$274,802	\$257,006	\$17,796	\$0	\$0	\$0
3 EnergyWise (Electric)	\$313,535	\$0	\$0	\$0	\$0	\$0	\$0	\$313,535	\$290,807	\$22,729	\$0	\$0	\$0
4 EnergyWise Multi Family (Electric)	\$75,932	\$0	\$0	\$0	\$0	\$0	\$0	\$75,932	\$71,595	\$4,336	\$0	\$0	\$0
5 Home Energy Reports (Electric)	\$845	\$0	\$0	\$0	\$0	\$0	\$0	\$845	\$0	\$845	\$0	\$0	\$0
6 ENERGY STAR Lighting (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Residential Consumer Products (Electric)	\$416,332	\$17	\$17	\$0	\$0	\$0	\$0	\$416,315	\$388,975	\$27,340	\$0	\$0	\$0
8 Residential ConnectedSolutions (Electric)	\$734	\$0	\$0	\$0	\$0	\$0	\$0	\$734	\$0	\$734	\$0	\$0	\$0
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Comprehensive Marketing Residential (Electric)	\$336,016	\$0	\$0	\$0	\$0	\$0	\$0	\$336,016	\$316,240	\$19,777	\$0	\$0	\$0
<b>Subtotal Non-Income Eligible Residential</b>	<b>\$1,419,723</b>	<b>\$17</b>	<b>\$17</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,419,706</b>	<b>\$1,324,622</b>	<b>\$95,084</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
14 Single Family - Income Eligible Services (Electric)	\$161,926	-\$3	-\$3	\$0	\$0	\$0	\$0	\$161,929	\$153,483	\$8,446	\$0	\$0	\$0
15 Income Eligible Multifamily (Electric)	\$8,270	\$0	\$0	\$0	\$0	\$0	\$0	\$8,270	\$7,357	\$914	\$0	\$0	\$0
<b>Subtotal Income Eligible Residential</b>	<b>\$170,196</b>	<b>-\$3</b>	<b>-\$3</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,199</b>	<b>\$160,839</b>	<b>\$9,360</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
17 Large Commercial New Construction (Electric)	\$184,897	\$0	\$0	\$0	\$0	\$0	\$0	\$184,897	\$184,897	\$0	\$0	\$0	\$0
18 Large Commercial Retrofit (Electric)	\$142,242	\$0	\$0	\$0	\$142	\$142	\$0	\$142,099	\$142,099	\$0	\$0	\$0	\$0
19 Small Business Direct Install (Electric)	\$214,869	\$91	\$91	\$0	\$0	\$0	\$0	\$214,778	\$214,778	\$0	\$0	\$0	\$0
20 Commercial ConnectedSolutions (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Community Based Initiatives - C&I (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 Finance Costs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Commercial Workforce Development (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Commercial &amp; Industrial</b>	<b>\$542,008</b>	<b>\$91</b>	<b>\$91</b>	<b>\$0</b>	<b>\$142</b>	<b>\$142</b>	<b>\$0</b>	<b>\$541,774</b>	<b>\$541,774</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
26 OER (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27 EERMC (Electric)	\$8,656	\$0	\$0	\$0	\$0	\$0	\$0	\$8,656	\$8,656	\$0	\$0	\$0	\$0
<b>Subtotal Regulatory</b>	<b>\$8,656</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,656</b>	<b>\$8,656</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL All Sectors</b>	<b>\$2,140,584</b>	<b>\$105</b>	<b>\$105</b>	<b>\$0</b>	<b>\$142</b>	<b>\$142</b>	<b>\$0</b>	<b>\$2,140,336</b>	<b>\$2,035,892</b>	<b>\$104,444</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SRP PROGRAMS (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 6 - Cost of services and product rebates/incentives provided to customers (1)**

Annual threshold > \$100,000 for evaluation of allocation between Col. (b) vs. Col. (c)

Default Assumption, expenses allocated to Col. (c)

	(a) (b)+(c)	(b)	(c)	(d)
	Total payments for services and product rebates/incentives for customers which are paid directly to a customer or provided to customer via a vendor	Rebate/Incentive Payments Directly Paid to Customers	Product Rebates/Incentives for customers which are made to vendors and then provided to customers	Description of External Payments
1 Residential New Construction (Electric)	\$562,042	\$0	\$562,042	Payments are made to external vendor(s) that are then used to provide rebates to customers for approved energy efficiency products that are installed in new customer dwellings. Payments also include a home performance testing service at no cost to the customer.
2 ENERGY STAR HVAC (Electric)	\$3,681,063	\$0	\$3,681,063	Payments are made to external vendor(s) that are then used to provide rebates to customers for approved energy efficiency HVAC products that are installed in rate payer customer dwellings. Payments are also made to external vendor(s) that are then used to provide zero interest loans to customers for approved energy efficiency HVAC products.
3 EnergyWise (Electric)	\$12,691,474	\$0	\$12,691,474	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in single family customer dwellings. Payments also include a service to customers in the form of no cost energy assessments. Payments are also made to external vendor(s) that are then used to provide zero interest loans to customers for weatherization.
4 EnergyWise Multi Family (Electric)	\$401,010	\$0	\$401,010	Payments are made to external vendors that are then used to discount approved energy efficiency products that are installed in multifamily customer dwellings. Payments also include a service to customers in the form of no cost energy assessments. Payments are also made to external vendor(s) that are then used to provide zero interest loans to customers for weatherization.
5 Home Energy Reports (Electric)	\$0	\$0	\$0	Payments include costs associated with the delivery of the program. The HER program does not feature direct customer incentives or rebates. Instead the funds in this category are utilized in the production and delivery of Home Energy Reports. The costs associated with this effort are categorized as 'Rebates and Other Incentives' because the reports drive customer actions to change energy consumption behaviors, resulting in energy cost savings to those customers and benefits to all customers.
6 ENERGY STAR Lighting (Electric)	\$0	\$0	\$0	Payments are made to external vendors that are then used to discount approved EnergyStar Lighting Products. Customers then purchase these EnergyStar Lighting products at a discounted price.
7 Residential Consumer Products (Electric)	\$611,351	\$0	\$611,351	Payments are made to external vendors that are then used to discount approved EnergyStar Appliance products. Customers then purchase these EnergyStar Appliance products at a discounted price. Payments are also made to external vendor(s) that are then used to provide rebates to customers who purchase approved EnergyStar Appliance products.
8 Residential ConnectedSolutions (Electric)	\$2,635,965	\$0	\$2,635,965	Payments are made to external vendor(s) that are then used to pay customers an incentive for participation in the program. In some cases, customers have elected to receive their incentive payment directly from Rhode Island Energy, in these cases the Company directly pays the customer the incentive.
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	N/A
10 Residential Pilots (Electric)	\$0	\$0	\$0	Payments can vary depending on the pilot. In 2018 the only Residential Electric was the Zero Energy Homes pilot. For this pilot, payments are made to external vendor(s) that are then used to provide rebates to customers for approved energy efficiency products that are installed in new customer dwellings. Payments also include a home performance testing service at no cost to the customer.
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	Payments can either be made directly to a community or payments can be made to external vendor(s) that are then used to discount approved energy efficiency products for communities participating in the Community Based Initiative.
12 Comprehensive Marketing Residential (Electric)	\$0	\$0	\$0	N/A
13 <b>Subtotal Non-income Eligible Residential</b>	<b>\$20,582,905</b>	<b>\$0</b>	<b>\$20,582,905</b>	
14 Single Family - Income Eligible Services (Electric)	\$10,576,252	\$0	\$10,576,252	Payments are made to external vendors that are then used to cover 100% of the cost for approved energy efficiency products that are installed in single family income eligible customer dwellings. Payments also include a no cost service to customers in the form of no cost energy assessments.
15 Income Eligible Multifamily (Electric)	\$1,277,527	\$0	\$1,277,527	Payments are made to external vendors that are then used to cover 100% of the cost for approved energy efficiency products that are installed in multifamily customer dwellings. Payments also include a no cost service to customers in the form of no cost energy assessments.
16 <b>Subtotal Income Eligible Residential</b>	<b>\$11,853,779</b>	<b>\$0</b>	<b>\$11,853,779</b>	
17 Large Commercial New Construction (Electric)	\$4,588,228	\$1,938,151	\$2,650,077	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in customer facilities. Payments are also made directly to customers for the installation of approved energy efficiency measures.
18 Large Commercial Retrofit (Electric)	\$21,538,653	\$1,135,749	\$20,402,904	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in customer facilities. Payments are also made directly to customers for the installation of approved energy efficiency measures.
19 Small Business Direct Install (Electric)	\$4,688,819	\$0	\$4,688,819	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in customer facilities. Payments are also made directly to customers for the installation of approved energy efficiency measures. Payments also include no cost services to customers including no cost energy assessments.
20 Commercial ConnectedSolutions (Electric)	\$4,920,493	\$0	\$4,920,493	Payments are made to external vendor(s) that are then used to pay customers an incentive for participation in the program. The external vendor(s) retain a portion of of the incentive payments.
21 Commercial Pilots (Electric)	\$0	\$0	\$0	Payments can vary depending on the pilot. In 2018 the only Commercial Electric pilot was the Zero Energy Buildings pilot. For this pilot, incentive payments are made directly to customers. Payments also include building verification and certification for Zero Buildings, at no cost to the customer.
22 Community Based Initiatives - C&I (Electric)	\$0	\$0	\$0	Payments can either be made directly to a municipality or payments can be made to external vendor(s) that are then used to discount approved energy efficiency products for communities participating in the Community Based Initiative.
23 Finance Costs (Electric)	\$5,737,491	\$0	\$5,737,491	Payments made to the Rhode Island Infrastructure Bank are leveraged and lent to municipalities to cover the municipality's net costs of an energy efficiency project. Costs may include energy efficiency equipment and related services.
24 Commercial Workforce Development (Electric)	\$0	\$0	\$0	Payments made to the Rhode Island Infrastructure Bank are leveraged and lent to municipalities to cover the municipality's net costs of an energy efficiency project. Costs may include energy efficiency equipment and related services.
25 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$41,473,684</b>	<b>\$3,073,900</b>	<b>\$38,399,784</b>	
26 OER (Electric)	\$0	\$0	\$0	
27 EERMC (Electric)	\$0	\$0	\$0	
28 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
29 <b>TOTAL All Sectors</b>	<b>\$73,910,367</b>	<b>\$3,073,900</b>	<b>\$70,836,467</b>	
SRP PROGRAMS (Electric)	\$0		\$0	
OTHER COSTS NOT LISTED ABOVE (Electric)	\$0		\$0	

**Schedule 7 - Sales, Technical Assistance & Training (STAT)**

	(a) (b)+(e)+(h)+(k)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(k) (l)+(m)	(l)	(m)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Electric)	\$207,977	\$2,118	\$0	\$2,118	\$157	\$0	\$157	\$205,702	\$203,731	\$1,971	\$0	\$0	\$0
2 ENERGY STAR HVAC (Electric)	\$796,849	\$3,576	\$232	\$3,344	\$248	\$0	\$248	\$793,026	\$789,913	\$3,112	\$0	\$0	\$0
3 EnergyWise (Electric)	\$1,867,674	\$6,273	\$348	\$5,925	\$440	\$0	\$440	\$1,860,961	\$1,855,445	\$5,515	\$0	\$0	\$0
4 EnergyWise Multi Family (Electric)	\$86,493	\$561	\$0	\$561	\$42	\$0	\$42	\$85,890	\$85,368	\$522	\$0	\$0	\$0
5 Home Energy Reports (Electric)	\$2,215,891	\$8,331	\$0	\$8,331	\$618	\$0	\$618	\$2,206,942	\$2,199,187	\$7,755	\$0	\$0	\$0
6 ENERGY STAR Lighting (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Residential Consumer Products (Electric)	\$550,289	\$2,775	\$0	\$2,775	\$206	\$0	\$206	\$547,309	\$544,726	\$2,583	\$0	\$0	\$0
8 Residential ConnectedSolutions (Electric)	\$574,686	\$41,462	\$40,064	\$1,398	\$104	\$0	\$104	\$533,121	\$531,819	\$1,301	\$0	\$0	\$0
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Comprehensive Marketing Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$6,299,858</b>	<b>\$65,095</b>	<b>\$40,644</b>	<b>\$24,451</b>	<b>\$1,814</b>	<b>\$0</b>	<b>\$1,814</b>	<b>\$6,232,950</b>	<b>\$6,210,189</b>	<b>\$22,760</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
14 Single Family - Income Eligible Services (Electric)	\$1,780,816	\$7,595	\$0	\$7,595	\$563	\$0	\$563	\$1,772,657	\$1,765,587	\$7,070	\$0	\$0	\$0
15 Income Eligible Multifamily (Electric)	\$179,674	\$2,133	\$0	\$2,133	\$158	\$0	\$158	\$177,383	\$175,397	\$1,985	\$0	\$0	\$0
16 <b>Subtotal Income Eligible Residential</b>	<b>\$1,960,490</b>	<b>\$9,728</b>	<b>\$0</b>	<b>\$9,728</b>	<b>\$722</b>	<b>\$0</b>	<b>\$722</b>	<b>\$1,950,040</b>	<b>\$1,940,985</b>	<b>\$9,055</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
17 Large Commercial New Construction (Electric)	\$1,517,685	\$379,035	\$98,097	\$280,938	\$4,016	\$62	\$3,954	\$1,134,634	\$1,126,933	\$7,701	\$0	\$0	\$0
18 Large Commercial Retrofit (Electric)	\$3,544,571	\$887,458	\$156,127	\$731,331	\$10,292	\$0	\$10,292	\$2,646,821	\$2,626,775	\$20,046	\$0	\$0	\$0
19 Small Business Direct Install (Electric)	\$69,160	\$52,346	\$5,079	\$47,267	\$665	\$0	\$665	\$16,149	\$14,854	\$1,296	\$0	\$0	\$0
20 Commercial ConnectedSolutions (Electric)	\$26,064	\$25,040	\$343	\$24,697	\$348	\$0	\$348	\$677	\$0	\$677	\$0	\$0	\$0
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Community Based Initiatives - C&I (Electric)	\$13,902	\$12,502	\$12,502	\$0	\$425	\$0	\$975	\$975	\$0	\$0	\$0	\$0	\$0
23 Finance Costs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Commercial Workforce Development (Electric)	\$9,328	\$0	\$0	\$0	\$506	\$506	\$0	\$8,822	\$8,822	\$0	\$0	\$0	\$0
25 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$5,180,710</b>	<b>\$1,356,380</b>	<b>\$272,147</b>	<b>\$1,084,233</b>	<b>\$16,252</b>	<b>\$994</b>	<b>\$15,258</b>	<b>\$3,808,078</b>	<b>\$3,778,358</b>	<b>\$29,720</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
26 OER (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27 EERMC (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
29 <b>TOTAL All Sectors</b>	<b>\$13,441,058</b>	<b>\$1,431,203</b>	<b>\$312,791</b>	<b>\$1,118,412</b>	<b>\$18,788</b>	<b>\$994</b>	<b>\$17,794</b>	<b>\$11,991,068</b>	<b>\$11,929,532</b>	<b>\$61,535</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
SRP PROGRAMS (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER COSTS NOT LISTED ABOVE (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Schedule 8 - Evaluation & Market Research**

	(a) (b)+(e)+(h)+(k)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(k) (l)+(m)	(l)	(m)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Electric)	\$79,212	\$5	\$3	\$2	\$0	\$0	\$0	\$79,207	\$36,445	\$42,762	\$0	\$0	\$0
2 ENERGY STAR HVAC (Electric)	\$51,159	\$14	\$13	\$1	\$0	\$0	\$0	\$51,145	\$22,249	\$28,896	\$0	\$0	\$0
3 EnergyWise (Electric)	\$226,066	\$6	\$0	\$6	\$0	\$0	\$0	\$226,060	\$98,069	\$127,991	\$0	\$0	\$0
4 EnergyWise Multi Family (Electric)	\$87,488	\$2	\$2	\$1	\$0	\$0	\$0	\$87,485	\$75,522	\$11,963	\$0	\$0	\$0
5 Home Energy Reports (Electric)	\$13,630	\$1	\$0	\$1	\$0	\$0	\$0	\$13,629	\$2,823	\$10,806	\$0	\$0	\$0
6 ENERGY STAR Lighting (Electric)	\$1,607	\$0	\$0	\$0	\$0	\$0	\$0	\$1,607	\$1,607	\$0	\$0	\$0	\$0
7 Residential Consumer Products (Electric)	\$15,540	\$1	\$0	\$1	\$0	\$0	\$0	\$15,540	\$3,895	\$11,644	\$0	\$0	\$0
8 Residential ConnectedSolutions (Electric)	\$10,897	\$0	\$0	\$0	\$0	\$0	\$0	\$10,897	\$1,089	\$9,808	\$0	\$0	\$0
9 Energy Efficiency Education Programs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 Residential Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 Community Based Initiatives - Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Comprehensive Marketing Residential (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$485,600</b>	<b>\$29</b>	<b>\$18</b>	<b>\$12</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$485,570</b>	<b>\$241,701</b>	<b>\$243,869</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
14 Single Family - Income Eligible Services (Electric)	\$69,497	\$2	\$0	\$2	\$0	\$0	\$0	\$69,495	\$30,653	\$38,842	\$0	\$0	\$0
15 Income Eligible Multifamily (Electric)	\$26,711	\$2	\$1	\$1	\$0	\$0	\$0	\$26,709	\$8,555	\$18,154	\$0	\$0	\$0
16 <b>Subtotal Income Eligible Residential</b>	<b>\$96,208</b>	<b>\$4</b>	<b>\$1</b>	<b>\$3</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$96,204</b>	<b>\$39,207</b>	<b>\$56,996</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
17 Large Commercial New Construction (Electric)	\$442,057	\$101	\$0	\$101	\$0	\$0	\$0	\$441,956	\$320,593	\$121,363	\$0	\$0	\$0
18 Large Commercial Retrofit (Electric)	\$770,330	\$162	\$0	\$162	\$0	\$0	\$0	\$770,168	\$575,737	\$194,431	\$0	\$0	\$0
19 Small Business Direct Install (Electric)	\$161,221	\$27	\$0	\$27	\$0	\$0	\$0	\$161,193	\$128,695	\$32,498	\$0	\$0	\$0
20 Commercial ConnectedSolutions (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 Commercial Pilots (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22 Community Based Initiatives - C&I (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 Finance Costs (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 Commercial Workforce Development (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$1,373,608</b>	<b>\$290</b>	<b>\$0</b>	<b>\$290</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,373,318</b>	<b>\$1,025,025</b>	<b>\$348,293</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
26 OER (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27 EERMC (Electric)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
29 <b>TOTAL All Sectors</b>	<b>\$1,955,415</b>	<b>\$323</b>	<b>\$19</b>	<b>\$305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,955,092</b>	<b>\$1,305,933</b>	<b>\$649,159</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SRP PROGRAMS (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Electric)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 9 - Shared Cross-Jurisdictional Costs (Non-Labor)**

>\$100,000 only for Rhode Island

(Non-Labor Services/Costs that are Shared with Other Jurisdictions and are Allocated to Rhode Island)

	(a)	(b) (c)x(a)	(b) (c)x(a)	(b) (c)x(a)	(c)	(c)	(c)	(d)	(e)	(f)
Description of Service/Cost	Total Cost Used as Basis for Allocation	Total Allocated to Rhode Island	Total Allocated to RI-ELEC	Total Allocated to RI-GAS	% to Rhode Island	% to RI-ELEC	% to RI-GAS	% to Mass.	% to New York	Description of Allocation Methodology
1 NO LONGER APPLICABLE	\$0	\$0	\$0	\$0	0%	0%	0%	0%	0%	N/A

**Schedule 10 - Methods for Allocating Electric Costs >\$500,000 Across Rhode Island Programs/Sectors**

	(a)	(b)	(c)	(d)	(f)
Description of Cost Allocated	Total Cost Allocated	Allocation to Non-Income Eligible Residential Programs	Allocation to Income Eligible Residential Programs	Allocation to C&I Programs	Description of Allocation Methodology
1 IBM Costs for InDemand Releases - RI-ELEC	\$1,017,764	\$0	\$202,647	\$158,907	Based on PP&A Budgets of Programs Designated To Receive Allocations
2 Guidehouse - Allocated to 8419 - ALL PROGRAMS	\$850,599	\$99	\$99	\$99	Based on PP&A Budgets of Programs Designated To Receive Allocations
3					
4					
5 Labor Allocated to PP&A	\$1,091,863	\$400,836	\$193,291	\$497,736	Based on PP&A Budgets of Programs Designated To Receive Allocations
6 Labor Allocated to Marketing	\$0	\$0	\$0	\$0	Based on Marketing Budgets of Programs Designated To Receive Allocations
7 Labor Allocated to STAT	\$1,118,412	\$24,451	\$9,728	\$1,084,233	Based on STAT Budgets of Programs Designated To Receive Allocations
8 Labor Allocated to Evaluation & Market Research	\$305	\$12	\$3	\$290	Based on Evaluation & Marketing Research Budgets of Programs Designated To Receive Allocations
9 <b>ALLOCATED LABOR - RI-ELEC TOTAL</b>	<b>\$2,210,580</b>	<b>\$425,298</b>	<b>\$203,022</b>	<b>\$1,582,260</b>	

## Attachment 2

### Gas Summary Table of Year-End Results

**Table G-1  
Rhode Island Energy  
Summary of 2023 Energy Efficiency Target and Year-End Results**

	Annual Energy Savings (MMBtu)			Lifetime Energy Savings (MMBtu)			Customer Participation			Implementation Expenses (\$000)			\$ / Lifetime MMBtu	
	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual	% Achieved	Target	Actual
<b>Residential</b>														
Residential New Construction	3,287	3,243	98.7%	58,476	57,303	98.0%	460	256	55.6%	\$621.5	\$737.7	118.7%	\$10.63	\$12.87
Residential HVAC	27,030	20,995	77.7%	517,571	433,147	83.7%	2,904	2,370	81.6%	\$3,586.9	\$2,881.2	80.3%	\$6.93	\$6.65
EnergyWise Single Family	20,697	23,167	111.9%	490,013	524,666	107.1%	1,716	3,741	218.1%	\$9,873.1	\$7,822.9	79.2%	\$20.15	\$14.91
EnergyWise Multifamily	5,358	1,254	23.4%	110,428	27,929	25.3%	3,453	222	6.4%	\$1,485.4	\$439.6	29.6%	\$13.45	\$15.74
Home Energy Reports	91,640	106,308	116.0%	91,640	106,308	116.0%	130,585	135,020	103.4%	\$360.5	\$378.5	105.0%	\$3.93	\$3.56
Comprehensive Marketing - Residential									0.0%	\$69.1	\$71.6	103.6%		
Community Based Initiatives - Residential									0.0%	\$93.5	\$0.0	0.0%		
Residential Pilots										\$0.0	\$0.0	0.0%		
<b>Subtotal</b>	<b>148,013</b>	<b>154,966</b>	<b>104.7%</b>	<b>1,268,128</b>	<b>1,149,353</b>	<b>90.6%</b>	<b>139,117</b>	<b>141,610</b>	<b>101.8%</b>	<b>\$16,090.0</b>	<b>\$12,331.5</b>	<b>76.6%</b>	<b>\$12.69</b>	<b>\$10.73</b>
<b>Income Eligible Residential</b>														
Income Eligible Single Family	8,230	6,298	76.5%	169,180	127,822	75.6%	797	609	76.4%	\$5,429.0	\$4,439.4	81.8%	\$32.09	\$34.73
Income Eligible Multifamily	11,075	8,031	72.5%	172,464	194,929	113.0%	2,742	1,467	53.5%	\$3,215.4	\$2,916.3	90.7%	\$18.64	\$14.96
<b>Subtotal</b>	<b>19,305</b>	<b>14,328</b>	<b>74.2%</b>	<b>341,644</b>	<b>322,751</b>	<b>94.5%</b>	<b>3,539</b>	<b>2,076</b>	<b>58.7%</b>	<b>\$8,644.4</b>	<b>\$7,355.8</b>	<b>85.1%</b>	<b>\$25.30</b>	<b>\$22.79</b>
<b>Commercial &amp; Industrial</b>														
Large C&I New Construction	48,823	52,727	108.0%	716,705	689,302	96.2%	62	26	41.2%	\$2,818.7	\$3,912.5	138.8%	\$3.93	\$5.68
Large C&I Retrofit	94,766	64,208	67.8%	1,016,519	691,972	68.1%	59	76	129.9%	\$4,639.6	\$2,658.4	57.3%	\$4.56	\$3.84
Small Business Direct Install	9,723	8,271	85.1%	130,193	82,957	63.7%	146	111	76.3%	\$689.8	\$308.3	44.7%	\$5.30	\$3.72
C&I Multifamily	4,249	2,871	67.6%	64,645	68,959	106.7%	488	1,013	207.4%	\$891.2	\$682.0	76.5%	\$13.79	\$9.89
C&I Financing										\$0.0	\$0.0	0.0%		
Community Based Initiatives - C&I										\$31.2	\$7.8	25.1%		
Commercial Pilots										\$12.4	\$64.1	516.4%		
Commercial Workforce Development										\$67.5	\$3.6	5.3%		
<b>Subtotal</b>	<b>157,561</b>	<b>128,077</b>	<b>81.3%</b>	<b>1,928,063</b>	<b>1,533,189</b>	<b>79.5%</b>	<b>755</b>	<b>1,226</b>	<b>162.4%</b>	<b>\$9,150.4</b>	<b>\$7,636.9</b>	<b>83.5%</b>	<b>\$4.75</b>	<b>\$4.98</b>
<b>Portfolio</b>														
EERMC										\$396.9	\$383.7	96.7%		
OER										\$595.3	\$595.3	100.0%		
Rhode Island Infrastructure Bank										\$1,262.5	\$1,262.5	100.0%		
<b>Subtotal</b>										<b>\$2,254.7</b>	<b>\$2,241.5</b>	<b>99.4%</b>		
<b>Grand Total</b>	<b>324,879</b>	<b>297,371</b>	<b>91.5%</b>	<b>3,537,835</b>	<b>3,005,293</b>	<b>84.9%</b>	<b>143,411</b>	<b>144,911</b>	<b>101.0%</b>	<b>\$36,139.5</b>	<b>\$29,565.6</b>	<b>81.8%</b>	<b>\$10.22</b>	<b>\$9.84</b>





**Table G-2A**  
**Rhode Island Energy**  
**Summary of 2023 Energy Efficiency Impacts by Program**

	Gas MMBtu Savings		MWh Savings	
	Annual	Lifetime	Annual	Lifetime
<b>Residential</b>				
Residential New Construction	3,243	57,303	35	815
Residential HVAC	20,995	433,147	-8	-160
EnergyWise Single Family	23,167	524,666	125	2,879
EnergyWise Multifamily	1,254	27,929	1	9
Home Energy Reports	106,308	106,308	0	0
<b>Subtotal</b>	<b>154,966</b>	<b>1,149,353</b>	<b>153</b>	<b>3,544</b>
<b>Income Eligible Residential</b>				
Income Eligible Single Family	6,298	127,822	39	788
Income Eligible Multifamily	8,031	194,929	10	185
<b>Subtotal</b>	<b>14,328</b>	<b>322,751</b>	<b>49</b>	<b>974</b>
<b>Commercial &amp; Industrial</b>				
Large C&I New Construction	52,727	689,302	0	2
Large C&I Retrofit	64,208	691,972	0	0
Small Business Direct Install	8,271	82,957	0	0
C&I Multifamily	2,871	68,959	0	1
<b>Subtotal</b>	<b>128,077</b>	<b>1,533,189</b>	<b>0</b>	<b>3</b>
<b>Grand Total</b>	<b>297,371</b>	<b>3,005,293</b>	<b>202</b>	<b>4,521</b>

**Table G-3**  
**Rhode Island Energy**  
**Calculation of 2023 Program Year Cost-Effectiveness (\$000)**

	<b>RI Test Benefit / Cost</b>	<b>Total Benefit</b>	<b>Implementation Expenses</b>	<b>Participant Cost</b>	<b>Performance Incentive</b>
<b>Residential</b>					
Residential New Construction	1.35	\$1,607.9	\$737.7	\$452.5	
Residential HVAC	1.17	\$6,869.5	\$2,881.2	\$2,991.3	
EnergyWise Single Family	1.35	\$11,555.2	\$7,822.9	\$745.9	
EnergyWise Multifamily	3.94	\$1,783.9	\$439.6	\$12.8	
Home Energy Reports	5.22	\$1,974.3	\$378.5	\$0.0	
Comprehensive Marketing - Residential			\$71.6		
Community Based Initiatives - Residential			\$0.0		
Residential Pilots			\$0.0		
Residential Workforce Development			\$0.0		
<b>Subtotal</b>	<b>1.45</b>	<b>\$23,790.8</b>	<b>\$12,331.5</b>	<b>\$4,202.6</b>	<b>-\$173.2</b>
<b>Income Eligible Residential</b>					
Income Eligible Single Family	1.81	\$8,036.1	\$4,439.4	\$0.0	
Income Eligible Multifamily	1.61	\$4,693.8	\$2,916.3	\$0.0	
Income Eligible Workforce Development			\$0.0		
<b>Subtotal</b>	<b>1.74</b>	<b>\$12,729.9</b>	<b>\$7,355.8</b>	<b>\$0.0</b>	<b>-\$43.7</b>
<b>Commercial &amp; Industrial</b>					
Large C&I New Construction	6.92	\$29,060.5	\$3,912.5	\$289.4	
Large C&I Retrofit	2.63	\$11,132.9	\$2,658.4	\$1,574.7	
Small Business Direct Install	5.88	\$2,248.7	\$308.3	\$73.9	
C&I Multifamily	1.07	\$1,015.2	\$682.0	\$267.3	
C&I Financing			\$0.0		
Community Based Initiatives - C&I			\$7.8		
Commercial Pilots			\$64.1		
Commercial Workforce Development			\$3.6		
<b>Subtotal</b>	<b>4.16</b>	<b>\$43,457.4</b>	<b>\$7,636.9</b>	<b>\$2,205.2</b>	<b>\$614.7</b>
<b>Portfolio</b>					
EERMC			\$383.7		
OER			\$595.3		
Rhode Island Infrastructure Bank			\$1,262.5		
<b>Subtotal</b>			<b>\$2,241.5</b>		
<b>Grand Total</b>	<b>2.20</b>	<b>\$79,978.1</b>	<b>\$29,565.6</b>	<b>\$6,407.8</b>	<b>\$397.8</b>

**Table G-4A  
Rhode Island Energy  
2023 PIM Benefits, Allocations, and Categorizations (\$000)**

	Natural Gas		Utility NEIs	Energy						Capacity				Non-Gas and Non-Electric			Societal			
	Natural Gas	Natural Gas DRIPE		Summer		Winter		Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Transmission	Distribution	Reliability	Oil	Other Resource	Non Resource	Carbon	NOx	Economic	
				Peak	Off Peak	Peak	Off Peak													
<b>Residential</b>																				
Residential New Construction	\$478	\$4	\$0	\$16	\$12	\$7	\$12	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$697	\$335	\$40	\$251	
Residential HVAC	\$3,620	\$25	\$0	\$0	\$0	-\$7	-\$6	-\$4	\$1	\$1	\$2	\$2	\$0	\$0	\$5	\$590	\$2,343	\$297	\$2,795	
EnergyWise Single Family	\$4,404	\$28	\$0	\$80	\$66	\$54	\$9	\$34	\$49	\$32	\$97	\$122	\$0	\$0	\$156	\$3,372	\$2,692	\$361	\$8,449	
EnergyWise Multifamily	\$234	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1	\$1	\$0	\$0	\$12	\$1,370	\$144	\$19	\$747	
Home Energy Reports	\$808	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,658	\$74	\$424	
<b>Subtotal</b>	<b>\$9,543</b>	<b>\$94</b>	<b>\$0</b>	<b>\$96</b>	<b>\$78</b>	<b>\$54</b>	<b>\$15</b>	<b>\$38</b>	<b>\$50</b>	<b>\$34</b>	<b>\$100</b>	<b>\$125</b>	<b>\$0</b>	<b>\$0</b>	<b>\$173</b>	<b>\$6,830</b>	<b>\$6,672</b>	<b>\$790</b>	<b>\$12,666</b>	
<b>Income Eligible Residential</b>																				
Income Eligible Single Family	\$1,067	\$8	\$40	\$23	\$20	\$16	\$5	\$13	\$10	\$8	\$21	\$26	\$0	\$0	\$6,004	\$728	\$88	\$4,661		
Income Eligible Multifamily	\$1,640	\$10	\$0	\$0	\$0	\$1	\$0	\$0	\$5	\$4	\$11	\$14	\$0	\$0	\$12	\$1,904	\$958	\$133	\$4,724	
<b>Subtotal</b>	<b>\$2,707</b>	<b>\$17</b>	<b>\$40</b>	<b>\$23</b>	<b>\$20</b>	<b>\$17</b>	<b>\$5</b>	<b>\$14</b>	<b>\$16</b>	<b>\$12</b>	<b>\$32</b>	<b>\$40</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12</b>	<b>\$7,908</b>	<b>\$1,685</b>	<b>\$232</b>	<b>\$9,386</b>	
<b>Commercial &amp; Industrial</b>																				
Large C&I New Construction	\$5,507	\$64	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$208	\$18,117	\$4,659	\$506	\$2,895	
Large C&I Retrofit	\$5,495	\$74	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$379	\$4,678	\$507	\$5,583		
Small Business Direct Install	\$666	\$9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$933	\$13	\$566	\$62	\$429		
C&I Multifamily	\$563	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2	\$54	\$342	\$50	\$1,057		
<b>Subtotal</b>	<b>\$12,231</b>	<b>\$151</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,143</b>	<b>\$18,563</b>	<b>\$10,244</b>	<b>\$1,125</b>	<b>\$9,964</b>	
<b>Grand Total</b>	<b>\$24,481</b>	<b>\$262</b>	<b>\$40</b>	<b>\$119</b>	<b>\$97</b>	<b>\$71</b>	<b>\$20</b>	<b>\$51</b>	<b>\$65</b>	<b>\$46</b>	<b>\$132</b>	<b>\$165</b>	<b>\$1</b>	<b>\$0</b>	<b>\$1,329</b>	<b>\$32,501</b>	<b>\$18,501</b>	<b>\$2,136</b>	<b>\$32,015</b>	
Benefit is PIM Eligible	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE
Percent Application in PIM	100%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%

**Table G-4B**  
**Rhode Island Energy**  
**2023 PIM Costs (\$000)**

	Eligible PIM Budget	Regulatory Costs	Total PIM-Eligible Costs
Residential	\$12,331	\$128	\$12,459
Income Eligible Residential	\$7,356	\$128	\$7,484
Commercial & Industrial	\$7,573	\$128	\$7,701

Notes:

(1) Regulatory costs only include EERMC costs which are distributed equally to each sector.

**Table G-4C  
Rhode Island Energy  
2023 PIM and SQA**

Inputs (\$000)								
	Gas Utility System Benefits	Resource Benefits	Achieved Total Benefits	Achieved Costs	Achieved Net Benefits	Planned Total Benefits	Planned Total Costs	Planned Net Benefits
Residential	\$9,637	\$381	\$10,018	\$12,459	-\$2,442	\$12,617	\$16,222	-\$3,605
Income Eligible Residential	\$2,764	\$95	\$2,859	\$7,484	-\$4,624	\$3,390	\$8,777	-\$5,387
Commercial & Industrial	\$12,382	\$572	\$12,954	\$7,701	\$5,253	\$15,986	\$9,218	\$6,768

PIM (\$000)							
	Design Performance Achievement	Achieved Net Benefits / Design Performance Achievement	Achieved / Planned Costs	Design Performance Payout	Design Payout Rate	Payout Cap	Earned Performance Incentive
Residential	\$2,000	-122.1%	76.8%	\$500	25.0%	\$625	\$0
Income Eligible Residential	\$2,000	-231.2%	85.3%	\$500	25.0%	\$625	\$0
Commercial & Industrial	\$6,768	77.6%	83.5%	\$792	11.7%	\$990	\$615

SQA (\$000)					
	Design Service Achievement	Service Achievement	Maximum Service Adjustment	Service Quality Adjustment Amount	% of Maximum Service Quality Adjustment Applied
Residential	\$12,617	79.4%	\$333	\$173	52.0%
Income Eligible Residential	\$3,390	84.3%	\$123	\$44	35.5%
Commercial & Industrial	\$15,986	81.0%	\$0	N/A	N/A

Total Earnings (\$000)			
	Earned Performance Incentive	Service Quality Adjustment Amount	Total Earnings
Residential	\$0	\$173	-\$173
Income Eligible Residential	\$0	\$44	-\$44
Commercial & Industrial	\$615	\$0	\$615
Portfolio	\$615	\$217	\$398

Notes:  
(1) For more information on the 2023 PIM, see RI Energy's 2023 Energy Efficiency Plan (Docket 22-33), Bates page 98.

**Table G-5  
Rhode Island Energy  
2023 Overall Analysis of Energy Efficiency Fund Balance**

	<b>JANUARY</b>	<b>FEBRUARY</b>	<b>MARCH</b>	<b>APRIL</b>	<b>MAY</b>	<b>JUNE</b>	<b>TOTAL</b>
1. Start Of Period Balance	\$2,937,961	\$7,955,356	\$11,422,590	\$13,520,236	\$13,860,065	\$12,755,078	\$2,937,961
2. Revenue	\$5,139,089	\$4,185,471	\$3,655,355	\$2,872,572	\$1,587,557	\$1,353,638	\$18,793,683
3. Monthly EE Expenses	\$146,601	\$764,472	\$1,618,050	\$2,601,023	\$2,761,454	\$567,019	\$8,458,618
4. Cash Flow Over/(Under)	\$4,992,488	\$3,420,999	\$2,037,306	\$271,550	<b>(\$1,173,897)</b>	\$786,619	\$10,335,065
5. End Of Period Balance Before Interest	\$7,930,449	\$11,376,355	\$13,459,896	\$13,791,785	\$12,686,169	\$13,541,697	\$13,273,026
6. Interest	\$24,907	\$46,235	\$60,340	\$68,280	\$68,910	\$68,481	\$337,153
7. End Of Period Balance After Interest	\$7,955,356	\$11,422,590	\$13,520,236	\$13,860,065	\$12,755,078	\$13,610,178	\$13,610,178
	<b>JULY</b>	<b>AUGUST</b>	<b>SEPTEMBER</b>	<b>OCTOBER</b>	<b>NOVEMBER</b>	<b>DECEMBER</b>	<b>YEAR END TOTAL</b>
8. Start Of Period Balance	\$13,610,178	\$12,130,899	\$12,171,808	\$12,216,582	\$11,594,071	\$10,217,064	\$2,937,961
9. Revenue	\$713,701	\$1,083,151	\$895,348	\$1,495,518	\$3,463,800	\$3,768,113	\$30,213,314
10. Monthly EE Expenses	\$2,260,267	\$1,107,883	\$916,448	\$2,182,342	\$4,899,719	\$9,740,306	\$29,565,584
11. Cash Flow Over/(Under)	<b>(\$1,546,567)</b>	<b>(\$24,732)</b>	<b>(\$21,100)</b>	<b>(\$686,824)</b>	<b>(\$1,435,919)</b>	<b>(\$5,972,193)</b>	\$647,730
12. End Of Period Balance Before Interest	\$12,063,612	\$12,106,166	\$12,150,709	\$11,529,758	\$10,158,151	\$4,244,871	\$3,585,691
13. Interest	\$67,287	\$65,642	\$65,873	\$64,313	\$58,912	\$39,168	\$698,348
14. End Of Period Balance After Interest	\$12,130,899	\$12,171,808	\$12,216,582	\$11,594,071	\$10,217,064	\$4,284,039	<b>\$4,284,039</b>
15. 2023 Incentive							<b>\$397,774</b>
16. Ending Balance after Incentive							<b>\$3,886,265</b>
17. Income Eligible Subsidization							<b>\$0</b>
18. Ending Balance after Subsidization							<b>\$3,886,265</b>
1. Previous year's ending balance							
2. Business Objects queries for revenues							
3. SAP queries for expenses							
4. Line 2 minus Line 3							
5. Line 1 plus Line 4							
6. Interest applied							
7. Line 5 plus Line 6							
9. Business Objects queries for revenues							
10. SAP and Oracle queries for expenses							
11. Line 9 minus Line 10							
12. Line 8 plus Line 11							
13. Interest applied							
14. Line 12 plus Line 13							
15. Estimated 2023 Incentive plus prior period true-ups							

**Table G-6**  
**Rhode Island Energy**  
**2023 Revolving Loan Funds**

<b>Large C&amp;I Gas Revolving Loan Fund</b>		<b>Rhode Island Public Energy Partnership (RI PEP) Gas</b>			
<u>Income Statement</u>		<u>Income Statement</u>			
(1)	2023 Funds Available	\$591,417	(1)	2023 Funds Available	\$964
(2)	2023 Loan budget	\$2,500,000	(4)	Paid	\$0
(3)	Committed	\$0	(4a)	Funds Returned to OER	\$0
(4)	Paid	\$119,920	(5)	Repayments	\$0
(5)	Repayments	\$697,393	(6)	Available 12/31/23	\$964
(6)	Available 12/31/23	\$1,168,890	(7)	Outstanding loan volume	\$0
(7)	Outstanding loan volume	\$717,014	(8)	Loan defaults during period (\$)	\$0
(8)	Loan defaults during period (\$)	\$0	(9)	Arrears over 120 days at period end (\$)	\$0
(9)	Arrears over 120 days at period end (\$)	\$0			
 <u>Program Impact</u>			 <u>Program Impact</u>		
(10)	Number of loans	18	(10)	Number of loans	0
(10b)	Participants	13	(10b)	Participants	0
(11)	Annual Savings (Gross MMBtu)	10,694	(11)	Savings (MMBtu)	0
(12)	Annual Savings (Net MMBtu)	10,077			
(13)	Lifetime Savings (Gross MMBtu)	110,473			
(14)	Lifetime Savings (Net MMBtu)	103,778			
(17)	Total associated incentive volume (\$)	\$335,259			
(18)	Total annual estimated energy cost savings (\$)	\$210,915			

**Notes:**

- 1 Amount available as of January 1, 2023. Includes line (6) "Available 12/31/22" plus line (3) "Committed" in Table E-6 and G-6 of the 2022 Year End
- 2 Budget adopted by Sales Team for 2022 operations. Budget includes projections of repayments made during 2022.
- 3 As of December 31, 2023 Committed in 2023 but to be paid in 2024. Savings not included in 2023.
- 4 As of December 31, 2023. This includes all project paid in 2022 and the OBR associated with those projects. OBR payment are processed once the
- 5 As of December 31, 2023
- 6 Fund balance as of December 31, 2023. Committed funds are subtracted from this amount.
- 7 Total outstanding loan balance. Loans lent out that still need to be paid back. This includes loans from previous years.
- 8 Total loan value in default during period.
- 9 Total loan value in arrears for over 120 days as of December 31, 2023.
- 10 As of December 31, 2023
- 10b Unique customer names for large business (one customer name can have multiple sub accounts as is in the case of a franchise).
- 11 As of December 31, 2023
- 12 As of December 31, 2023
- 13 As of December 31, 2023
- 14 As of December 31, 2023
- 15 As of December 31, 2023
- 16 As of December 31, 2023
- 17 Incentives paid out with loans.
- 18 Estimated energy cost savings to loan fund participants.



Attachment 2a  
Gas Costs Schedules

**Schedule 1 - Program and Sector Cost Summary**

**DIRECT vs ALLOCATED**

	(a)		(b)		(c)		(d)	
	TOTALS							
	TOTAL SPLIT 1		TOTAL SPLIT 2		Cost of services and product rebates/incentives provided to customers vs. Other Costs <sup>(1)</sup>			
	DIRECT vs ALLOCATED				Cost of services and product rebates/incentives provided to customers			
					Other Costs			
	Total Costs	DIRECT	ALLOCATED					
1 Residential New Construction (Gas)	\$737,671	\$680,279	\$57,392		\$538,795	\$198,876		
2 ENERGY STAR HVAC (Gas)	\$2,881,168	\$2,772,703	\$108,465		\$2,389,967	\$491,202		
3 EnergyWise (Gas)	\$7,822,226	\$7,534,308	\$288,919		\$6,229,567	\$1,593,359		
4 EnergyWise Multi Family (Gas)	\$439,632	\$377,644	\$61,988		\$259,784	\$179,848		
5 Home Energy Reports (Gas)	\$378,500	\$367,463	\$11,037		\$0	\$378,500		
6 Residential Pilots (Gas)	\$0	\$0	\$0		\$0	\$0		
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0		\$0	\$0		
8 Comprehensive Marketing Residential (Gas)	\$71,585	\$71,532	\$53		\$0	\$71,585		
9 Subtotal Non-Income Eligible Residential	\$12,331,483	\$11,803,928	\$527,555		\$9,418,113	\$2,913,376		
10 Single Family - Income Eligible Services (gas)	\$4,439,413	\$4,268,867	\$170,546		\$3,421,921	\$1,017,493		
11 Income Eligible Multifamily (Gas)	\$2,916,337	\$2,814,548	\$101,789		\$2,459,127	\$457,214		
12 Subtotal Income Eligible Residential	\$7,355,752	\$7,083,415	\$272,337		\$5,881,048	\$1,474,708		
13 Large Commercial New Construction (Gas)	\$3,912,539	\$3,655,849	\$256,690		\$1,943,110	\$1,969,428		
14 Large Commercial Retrofit (Gas)	\$2,658,408	\$2,165,347	\$493,061		\$1,410,428	\$1,247,978		
15 Small Business Direct Install (Gas)	\$308,347	\$287,310	\$21,037		\$265,765	\$42,581		
16 Commercial Pilots (Gas)	\$64,144	\$64,144	\$0		\$64,144	\$0		
17 Community Based Initiatives - C&I (Gas)	\$7,816	\$7,816	\$0		\$0	\$7,816		
18 Commercial & Industrial Multifamily (Gas)	\$682,034	\$623,270	\$58,763		\$496,929	\$185,104		
19 Commercial Workforce Development (Gas)	\$3,591	\$3,591	\$0		\$0	\$3,591		
20 Finance Costs (Gas)	\$1,262,509	\$1,262,509	\$0		\$0	\$0		
21 Subtotal Commercial & Industrial	\$8,899,385	\$8,069,836	\$829,549		\$5,442,886	\$3,456,499		
22 DER (Gas)	\$595,308	\$595,308	\$0		\$0	\$595,308		
23 EERMC (Gas) <sup>(3)</sup>	\$383,656	\$383,656	\$0		\$0	\$383,656		
24 Subtotal Regulatory	\$978,965	\$978,965	\$0		\$0	\$978,965		
25 TOTAL All Sectors	\$29,565,584	\$27,936,143	\$1,629,441		\$20,742,047	\$8,823,537		
OTHER COSTS NOT LISTED ABOVE (Gas)	\$0	\$0	\$0		\$0	\$0		

- (1) In the 2020 Energy Efficiency Annual Plan filing, this cost category was referred to as "Rebates and Other Incentives"
- (2) These Costs do not include costs relating to the cost of services and product rebates/incentives provided to customers
- (3) These costs include a \$82,350.06 credit due to a refund from EERMC of past unspent funds.

	(e)		(f)		(g)		(h)		(i)		(j)		(k)		(l)		(m)		(n)		(o)		(p)	
	DIRECT COSTS												ALLOCATED COSTS											
	NO INCENTIVE <sup>(2)</sup>						Cost of services and product rebates/incentives provided to customers						Other Costs				Cost of services and product rebates/incentives provided to customers							
Rhode Island Energy Direct Labor & Employee Expense	Direct External	Direct "Not Labor, Expense, External"	Rhode Island Energy Direct Labor & Employee Expense	Direct External	Direct "Not Labor, Expense, External"	Rhode Island Energy Allocated Labor & Employee Expense	Allocated External	Allocated "Not Labor, Expense, External"	Rhode Island Energy Allocated Labor & Employee Expense	Allocated External	Allocated "Not Labor, Expense, Vendor"													
\$5,919	\$135,565	\$0	\$0	\$538,795	\$0	\$18,899	\$38,493	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$38,931	\$343,806	\$0	\$0	\$2,389,967	\$0	\$41,446	\$67,019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,193	\$1,291,548	\$0	\$0	\$6,229,567	\$0	\$101,122	\$187,497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,533	\$111,327	\$0	\$0	\$259,784	\$0	\$24,039	\$37,949	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$367,463	\$0	\$0	\$0	\$0	\$6,183	\$4,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$71,532	\$0	\$0	\$0	\$0	\$22	\$32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$64,576	\$2,321,241	\$0	\$0	\$9,418,113	\$0	\$191,710	\$335,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$18,415	\$828,531	\$0	\$0	\$3,421,921	\$0	\$70,330	\$100,218	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,508	\$349,913	\$0	\$0	\$2,459,127	\$0	\$39,807	\$61,982	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$24,922	\$1,177,444	\$0	\$0	\$5,881,048	\$0	\$10,137	\$162,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$61,537	\$1,651,201	\$0	\$0	\$1,943,110	\$0	\$172,432	\$84,258	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$86,485	\$668,434	\$0	\$0	\$1,410,428	\$0	\$361,557	\$131,902	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,20	\$2,1025	\$0	\$0	\$265,765	\$0	\$15,251	\$5,786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$64,144	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,816	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$19,470	\$106,871	\$0	\$0	\$496,929	\$0	\$42,197	\$16,566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$169	\$3,422	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$175,997	\$2,450,954	\$0	\$0	\$5,442,886	\$0	\$591,437	\$238,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$595,308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$383,656	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$978,965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$265,495	\$6,928,603	\$0	\$0	\$20,742,047	\$0	\$893,284	\$736,155	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Schedule 1a - Program and Sector Cost Summary**

**By Report Category**

		(d) (Schedule 4) col a	(e) (Schedule 5) col a	(f) (Schedule 6) col a	(g) (Schedule 7) col a	(h) (Schedule 8) col a	
	<b>Total Costs</b>	Program Planning & Admin.	Marketing	Cost of services and product rebates/incentives provided to customers (1)	STAT	Evaluation & Research	
1	Residential New Construction (Gas)	\$737,671	\$48,585	\$0	\$538,795	\$106,495	\$43,796
2	ENERGY STAR HVAC (Gas)	\$2,881,168	\$134,379	\$190,432	\$2,389,967	\$152,493	\$13,897
3	EnergyWise (Gas)	\$7,822,926	\$229,471	\$49,774	\$6,229,567	\$1,219,763	\$94,351
4	EnergyWise Multi Family (Gas)	\$439,632	\$61,561	\$36,570	\$259,784	\$56,314	\$25,403
5	Home Energy Reports (Gas)	\$378,500	\$6,826	\$0	\$0	\$370,124	\$1,550
6	Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0
7	Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0
8	Comprehensive Marketing Residential (Gas)	\$71,585	\$53	\$71,532	\$0	\$0	\$0
9	<b>Subtotal Non-Income Eligible Residential</b>	<b>\$12,331,483</b>	<b>\$480,875</b>	<b>\$348,308</b>	<b>\$9,418,113</b>	<b>\$1,905,189</b>	<b>\$178,998</b>
10	Single Family - Income Eligible Services (gas)	\$4,439,415	\$164,967	\$21,094	\$3,421,921	\$815,824	\$15,608
11	Income Eligible Multifamily (Gas)	\$2,916,337	\$94,929	\$4,421	\$2,459,127	\$345,535	\$12,325
12	<b>Subtotal Income Eligible Residential</b>	<b>\$7,355,752</b>	<b>\$259,896</b>	<b>\$25,515</b>	<b>\$5,881,048</b>	<b>\$1,161,359</b>	<b>\$27,932</b>
13	Large Commercial New Construction (Gas)	\$3,912,539	\$96,355	\$90,947	\$1,943,110	\$1,624,953	\$157,173
14	Large Commercial Retrofit (Gas)	\$2,658,406	\$220,182	\$150,239	\$1,410,428	\$753,164	\$124,393
15	Small Business Direct Install (Gas)	\$308,347	\$12,471	\$21,089	\$265,765	\$8,572	\$451
16	Commercial Pilots (Gas)	\$64,144	\$0	\$0	\$64,144	\$0	\$0
17	Community Based Initiatives - C&I (Gas)	\$7,816	\$0	\$0	\$0	\$7,816	\$0
18	Commercial & Industrial Multifamily (Gas)	\$682,034	\$35,345	\$16,008	\$496,929	\$131,418	\$2,333
19	Commercial Workforce Development (Gas)	\$3,591	\$0	\$0	\$0	\$3,591	\$0
20	Finance Costs (Gas)	\$1,262,509	\$0	\$0	\$1,262,509	\$0	\$0
21	<b>Subtotal Commercial &amp; Industrial</b>	<b>\$8,899,385</b>	<b>\$364,352</b>	<b>\$278,284</b>	<b>\$5,442,886</b>	<b>\$2,529,513</b>	<b>\$284,350</b>
22	OER (Gas)	\$595,308	\$595,308	\$0	\$0	\$0	\$0
23	EERMC (Gas)	\$383,656	\$377,875	\$5,781	\$0	\$0	\$0
24	<b>Subtotal Regulatory</b>	<b>\$978,965</b>	<b>\$973,183</b>	<b>\$5,781</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
25	<b>TOTAL All Sectors</b>	<b>\$29,565,584</b>	<b>\$2,078,307</b>	<b>\$657,888</b>	<b>\$20,742,047</b>	<b>\$5,596,062</b>	<b>\$491,280</b>
	<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 2 - Labor and Employee Expenses**

	(a) (b)+(c)	(b) (e)+(h)	(c) (f)+(i)	(d) (e)+(f)	(e)	(f)	(g) (h)+(i)	(h)	(i)
	Total Rhode Island Energy Labor + Expenses	Rhode Island Energy Direct Labor + Expenses	Rhode Island Energy Allocated Labor + Expenses	Total Rhode Island Energy Labor	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses
1 Residential New Construction (Gas)	\$24,818	\$5,919	\$18,899	\$24,712	\$5,919	\$18,793	\$106	\$0	\$106
2 ENERGY STAR HVAC (Gas)	\$80,377	\$38,931	\$41,446	\$80,139	\$38,931	\$41,208	\$238	\$0	\$238
3 EnergyWise (Gas)	\$114,314	\$13,193	\$101,122	\$113,779	\$13,193	\$100,586	\$535	\$0	\$535
4 EnergyWise Multi Family (Gas)	\$30,572	\$6,533	\$24,039	\$30,436	\$6,533	\$23,902	\$136	\$0	\$136
5 Home Energy Reports (Gas)	\$6,183	\$0	\$6,183	\$6,166	\$0	\$6,166	\$17	\$0	\$17
6 Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Comprehensive Marketing Residential (Gas)	\$22	\$0	\$22	\$21	\$0	\$21	\$0	\$0	\$0
9 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$256,286</b>	<b>\$64,576</b>	<b>\$191,710</b>	<b>\$255,253</b>	<b>\$64,576</b>	<b>\$190,677</b>	<b>\$1,033</b>	<b>\$0</b>	<b>\$1,033</b>
10 Single Family - Income Eligible Services (gas)	\$88,745	\$18,415	\$70,330	\$88,375	\$18,415	\$69,961	\$369	\$0	\$369
11 Income Eligible Multifamily (Gas)	\$46,314	\$6,508	\$39,807	\$46,095	\$6,508	\$39,588	\$219	\$0	\$219
12 <b>Subtotal Income Eligible Residential</b>	<b>\$135,059</b>	<b>\$24,922</b>	<b>\$110,137</b>	<b>\$134,471</b>	<b>\$24,922</b>	<b>\$109,549</b>	<b>\$588</b>	<b>\$0</b>	<b>\$588</b>
13 Large Commercial New Construction (Gas)	\$233,969	\$61,537	\$172,432	\$232,730	\$61,459	\$171,271	\$1,239	\$79	\$1,161
14 Large Commercial Retrofit (Gas)	\$448,042	\$86,485	\$361,557	\$445,475	\$86,303	\$359,172	\$2,567	\$183	\$2,384
15 Small Business Direct Install (Gas)	\$15,771	\$520	\$15,251	\$15,685	\$520	\$15,166	\$86	\$0	\$86
16 Commercial Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17 Community Based Initiatives - C&I (Gas)	\$7,816	\$7,816	\$0	\$7,816	\$7,816	\$0	\$0	\$0	\$0
18 Commercial & Industrial Multifamily (Gas)	\$61,667	\$19,470	\$42,197	\$61,434	\$19,470	\$41,964	\$233	\$0	\$233
19 Commercial Workforce Development (Gas)	\$169	\$169	\$0	\$0	\$0	\$0	\$169	\$169	\$0
20 Finance Costs (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$767,434</b>	<b>\$175,997</b>	<b>\$591,437</b>	<b>\$763,140</b>	<b>\$175,567</b>	<b>\$587,573</b>	<b>\$4,294</b>	<b>\$430</b>	<b>\$3,864</b>
22 OER (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 EERMC (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
25 <b>TOTAL All Sectors</b>	<b>\$1,158,779</b>	<b>\$265,495</b>	<b>\$893,284</b>	<b>\$1,152,864</b>	<b>\$265,065</b>	<b>\$887,799</b>	<b>\$5,915</b>	<b>\$430</b>	<b>\$5,485</b>
<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 3 - Expenses Categorized as Vendor Costs in Company's Systems<sup>1</sup>**

	(a)	(b)	(c) (a) - (b)	(d)	(e)	(f) (d) + (e)	(g) (c) + (f)
	Total Costs of Services, Products, and Rebates Provided to Customers.2 (also referred to as "Rebates and Other Customer Incentives")	Rebate Payments Made Directly to Customers by Rhode Island Energy and Rebates Paid to PEX's to Whom Customer Rebates were Assigned	Payments to Service Vendors for Costs Relating to Services, Products, and Processing Rebates (excluding costs included in col. b)3	Direct "External Costs"4 from Vendor Services	"External Costs" from Vendors Originating from an Allocation	Total of Vendor Costs Categorized as "External Costs" from Service Vendors (excluding costs included in columns a, b & c)	Total Costs from Service Vendors, Excluding Rebate Payments Made Directly to Customers by Rhode Island Energy
1 Residential New Construction (Gas)	\$538,795	\$0	\$538,795	\$135,565	\$38,493	\$174,058	\$712,853
2 ENERGY STAR HVAC (Gas)	\$2,389,967	\$0	\$2,389,967	\$343,806	\$67,019	\$410,824	\$2,800,791
3 EnergyWise (Gas)	\$6,229,567	\$0	\$6,229,567	\$1,291,548	\$187,497	\$1,479,045	\$7,708,612
4 EnergyWise Multi Family (Gas)	\$259,784	\$0	\$259,784	\$111,327	\$37,949	\$149,276	\$409,060
5 Home Energy Reports (Gas)	\$0	\$0	\$0	\$367,463	\$4,854	\$372,317	\$372,317
6 Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Comprehensive Marketing Residential (Gas)	\$0	\$0	\$0	\$71,532	\$32	\$71,563	\$71,563
9 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$9,418,113</b>	<b>\$0</b>	<b>\$9,418,113</b>	<b>\$2,321,241</b>	<b>\$335,843</b>	<b>\$2,657,084</b>	<b>\$12,075,197</b>
10 Single Family - Income Eligible Services (gas)	\$3,421,921	\$0	\$3,421,921	\$828,531	\$100,218	\$928,749	\$4,350,670
11 Income Eligible Multifamily (Gas)	\$2,459,127	\$0	\$2,459,127	\$348,913	\$61,982	\$410,895	\$2,870,022
12 <b>Subtotal Income Eligible Residential</b>	<b>\$5,881,048</b>	<b>\$0</b>	<b>\$5,881,048</b>	<b>\$1,177,444</b>	<b>\$162,200</b>	<b>\$1,339,644</b>	<b>\$7,220,692</b>
13 Large Commercial New Construction (Gas)	\$1,943,110	\$0	\$1,943,110	\$1,651,201	\$84,258	\$1,735,459	\$3,678,569
14 Large Commercial Retrofit (Gas)	\$1,410,428	\$235,217	\$1,175,211	\$668,434	\$131,502	\$799,936	\$1,975,147
15 Small Business Direct Install (Gas)	\$265,765	\$0	\$265,765	\$21,025	\$5,786	\$26,810	\$292,576
16 Commercial Pilots (Gas)	\$64,144	\$0	\$64,144	\$0	\$0	\$0	\$64,144
17 Community Based Initiatives - C&I (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18 Commercial & Industrial Multifamily (Gas)	\$496,929	\$0	\$496,929	\$106,871	\$16,566	\$123,437	\$620,366
19 Commercial Workforce Development (Gas)	\$0	\$0	\$0	\$3,422	\$0	\$3,422	\$3,422
20 Finance Costs (Gas)	\$1,262,509	\$0	\$1,262,509	\$0	\$0	\$0	\$1,262,509
21 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$5,442,886</b>	<b>\$235,217</b>	<b>\$5,207,669</b>	<b>\$2,450,954</b>	<b>\$238,112</b>	<b>\$2,689,065</b>	<b>\$7,896,734</b>
22 OER (Gas)	\$0	\$0	\$0	\$595,308	\$0	\$595,308	\$595,308
23 EERMC (Gas)	\$0	\$0	\$0	\$383,656	\$0	\$383,656	\$383,656
24 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$978,965</b>	<b>\$0</b>	<b>\$978,965</b>	<b>\$978,965</b>
25 <b>TOTAL All Sectors</b>	<b>\$20,742,047</b>	<b>\$235,217</b>	<b>\$20,506,830</b>	<b>\$6,928,603</b>	<b>\$736,155</b>	<b>\$7,664,758</b>	<b>\$28,171,588</b>
<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<sup>1</sup> The Company's accounting system treats all payments made directly to customers and vendors as one category of vendor expenses.

Rebates paid to customers through service contracts with vendors are included in the service cost of the vendor.

<sup>2</sup> Prior to 2020, this column was labeled as "Rebates and Other Customer Incentives" in annual reports and plans.

<sup>3</sup> This cost category includes service costs for customers plus rebates/incentives processed and paid to customers by the vendor, but excludes rebates paid directly to customers by the Company in col (b).

<sup>4</sup> The term "External Costs" has been used in Company reports to identify a subset of vendor costs not included in "Rebates and Other Customer Incentives".

<sup>5</sup> In the 2020 Year End Report, Home Energy Reports were categorized under column (c) in this schedule. Starting with the Year End Report, Home Energy Reports costs categorized under column (c) are now categorized under column (d).

**Schedule 4 - Program Planning & Administration**

	(a) (b)+(e)+(h)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(h) (i)+(j)	(i)	(j)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs any	(if Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Gas)	\$48,585	\$23,080	\$5,918	\$17,162	\$106	\$0	\$106	\$25,399	\$0	\$25,399	\$0	\$0	\$0
2 ENERGY STAR HVAC (Gas)	\$134,379	\$77,642	\$38,923	\$38,719	\$238	\$0	\$238	\$56,499	-\$803	\$57,303	\$0	\$0	\$0
3 EnergyWise (Gas)	\$229,471	\$100,186	\$13,193	\$86,994	\$535	\$0	\$535	\$128,749	\$0	\$128,749	\$0	\$0	\$0
4 EnergyWise Multi Family (Gas)	\$61,561	\$28,667	\$6,533	\$22,134	\$136	\$0	\$136	\$32,758	\$0	\$32,758	\$0	\$0	\$0
5 Home Energy Reports (Gas)	\$6,826	\$2,746	\$0	\$2,746	\$17	\$0	\$17	\$4,063	\$0	\$4,063	\$0	\$0	\$0
6 Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Comprehensive Marketing Residential (Gas)	\$53	\$21	\$0	\$21	\$0	\$0	\$0	\$32	\$0	\$32	\$0	\$0	\$0
9 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$480,875</b>	<b>\$232,342</b>	<b>\$64,566</b>	<b>\$167,775</b>	<b>\$1,033</b>	<b>\$0</b>	<b>\$1,033</b>	<b>\$247,501</b>	<b>-\$803</b>	<b>\$248,304</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
10 Single Family - Income Eligible Services (gas)	\$164,967	\$75,773	\$15,755	\$60,018	\$369	\$0	\$369	\$88,825	\$0	\$88,825	\$0	\$0	\$0
11 Income Eligible Multifamily (Gas)	\$94,929	\$42,073	\$6,507	\$35,566	\$219	\$0	\$219	\$52,637	\$0	\$52,637	\$0	\$0	\$0
12 <b>Subtotal Income Eligible Residential</b>	<b>\$259,896</b>	<b>\$117,846</b>	<b>\$22,262</b>	<b>\$95,584</b>	<b>\$588</b>	<b>\$0</b>	<b>\$588</b>	<b>\$141,462</b>	<b>\$0</b>	<b>\$141,462</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
13 Large Commercial New Construction (Gas)	\$96,355	\$55,208	\$0	\$55,208	\$130	\$40	\$90	\$41,017	\$16	\$41,001	\$0	\$0	\$0
14 Large Commercial Retrofit (Gas)	\$220,182	\$122,375	\$17	\$122,358	\$239	\$40	\$199	\$97,567	\$6,696	\$90,871	\$0	\$0	\$0
15 Small Business Direct Install (Gas)	\$12,471	\$7,149	\$0	\$7,149	\$12	\$0	\$12	\$5,310	\$0	\$5,310	\$0	\$0	\$0
16 Commercial Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17 Community Based Initiatives - C&I (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18 Commercial & Industrial Multifamily (Gas)	\$35,345	\$20,274	\$26	\$20,248	\$33	\$0	\$33	\$15,038	\$0	\$15,038	\$0	\$0	\$0
19 Commercial Workforce Development (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20 Finance Costs (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$364,352</b>	<b>\$205,007</b>	<b>\$43</b>	<b>\$204,964</b>	<b>\$414</b>	<b>\$80</b>	<b>\$334</b>	<b>\$158,931</b>	<b>\$6,712</b>	<b>\$152,219</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
22 OER (Gas)	\$595,308	\$0	\$0	\$0	\$0	\$0	\$0	\$595,308	\$595,308	\$0	\$0	\$0	\$0
23 EERMC (Gas)	\$377,875	\$0	\$0	\$0	\$0	\$0	\$0	\$377,875	\$377,875	\$0	\$0	\$0	\$0
24 <b>Subtotal Regulatory</b>	<b>\$973,183</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$973,183</b>	<b>\$973,183</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
25 <b>TOTAL All Sectors</b>	<b>\$2,078,307</b>	<b>\$555,194</b>	<b>\$86,871</b>	<b>\$468,323</b>	<b>\$2,035</b>	<b>\$80</b>	<b>\$1,955</b>	<b>\$1,521,078</b>	<b>\$979,092</b>	<b>\$541,985</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Schedule 5 - Marketing

	(a) (b)+(e)-(h)+(k)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(k) (l)+(m)	(l)	(m)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 ENERGY STAR HVAC (Gas)	\$190,432	\$0	\$0	\$0	\$0	\$0	\$0	\$190,432	\$190,432	\$0	\$0	\$0	\$0
3 EnergyWise (Gas)	\$49,774	\$0	\$0	\$0	\$0	\$0	\$0	\$49,774	\$49,774	\$0	\$0	\$0	\$0
4 EnergyWise Multi Family (Gas)	\$36,570	\$0	\$0	\$0	\$0	\$0	\$0	\$36,570	\$36,570	\$0	\$0	\$0	\$0
5 Home Energy Reports (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6 Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Comprehensive Marketing Residential (Gas)	\$71,532	\$0	\$0	\$0	\$0	\$0	\$0	\$71,532	\$71,532	\$0	\$0	\$0	\$0
9 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$348,308</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$348,308</b>	<b>\$348,308</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
10 Single Family - Income Eligible Services (gas)	\$21,094	-\$3	-\$3	\$0	\$0	\$0	\$0	\$21,097	\$21,097	\$0	\$0	\$0	\$0
11 Income Eligible Multifamily (Gas)	\$4,421	\$0	\$0	\$0	\$0	\$0	\$0	\$4,421	\$4,421	\$0	\$0	\$0	\$0
12 <b>Subtotal Income Eligible Residential</b>	<b>\$25,515</b>	<b>-\$3</b>	<b>-\$3</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,518</b>	<b>\$25,518</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
13 Large Commercial New Construction (Gas)	\$90,947	\$0	\$0	\$0	\$0	\$0	\$0	\$90,947	\$90,947	\$0	\$0	\$0	\$0
14 Large Commercial Retrofit (Gas)	\$150,239	\$0	\$0	\$0	\$143	\$143	\$0	\$150,097	\$150,097	\$0	\$0	\$0	\$0
15 Small Business Direct Install (Gas)	\$21,089	\$91	\$91	\$0	\$0	\$0	\$0	\$20,998	\$20,998	\$0	\$0	\$0	\$0
16 Commercial Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17 Community Based Initiatives - C&I (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18 Commercial & Industrial Multifamily (Gas)	\$16,008	\$0	\$0	\$0	\$0	\$0	\$0	\$16,008	\$16,008	\$0	\$0	\$0	\$0
19 Commercial Workforce Development (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20 Finance Costs (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$278,284</b>	<b>\$91</b>	<b>\$91</b>	<b>\$0</b>	<b>\$143</b>	<b>\$143</b>	<b>\$0</b>	<b>\$278,050</b>	<b>\$278,050</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
22 OER (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 EERM (Gas)	\$5,781	\$0	\$0	\$0	\$0	\$0	\$0	\$5,781	\$5,781	\$0	\$0	\$0	\$0
24 <b>Subtotal Regulatory</b>	<b>\$5,781</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,781</b>	<b>\$5,781</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
25 <b>TOTAL All Sectors</b>	<b>\$657,888</b>	<b>\$88</b>	<b>\$88</b>	<b>\$0</b>	<b>\$143</b>	<b>\$143</b>	<b>\$0</b>	<b>\$657,658</b>	<b>\$657,658</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 6 - Cost of services and product rebates/incentives provided to customers (1)**

Annual threshold > \$100,000 for evaluation of allocation between Col. (b) vs. Col. (c)

Default Assumption, expenses allocated to Col. (c)

	(a) (b)+(c)	(b)	(c)	(d)
	Total payments for services and product rebates/incentives for customers which are paid directly to a customer or provided to customer via a vendor	Rebate/Incentive Payments Directly Paid to Customers	Payments for Services and Product Rebates/Incentives for customers which are made to vendors and then provided to customers	Description of External Payments
1	Residential New Construction (Gas) \$538,795	\$0	\$538,795	Payments are made to external vendor(s) that are then used to provide rebates to customers for approved energy efficiency products that are installed in new customer dwellings. Payments also include a home performance testing service at no cost to the customer.
2	ENERGY STAR HVAC (Gas) \$2,389,967	\$0	\$2,389,967	Payments are made to external vendor(s) that are then used to provide rebates to customers for approved energy efficiency HVAC products that are installed in rate payer customer dwellings.
3	EnergyWise (Gas) \$6,229,567	\$0	\$6,229,567	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in single family customer dwellings. Payments also include a service to customers in the form of no cost energy assessments.
4	EnergyWise Multi Family (Gas) \$259,784	\$0	\$259,784	Payments are made to external vendors that are then used to discount approved energy efficiency products that are installed in multifamily customer dwellings. Payments also include a service to customers in the form of no cost energy assessments.
5	Home Energy Reports (Gas) \$0	\$0	\$0	Payments include costs associated with the delivery of the program. The HER program does not feature direct customer incentives or rebates. Instead the funds in this category are utilized in the production and delivery of Home Energy Reports. The costs associated with this effort are categorized as 'Rebates and Other Incentives' because the reports drive customer actions to change energy consumption behaviors, resulting in energy cost savings to those customers and benefits to all customers.
6	Residential Pilots (Gas) \$0	\$0	\$0	N/A
7	Community Based Initiatives - Residential (Gas) \$0	\$0	\$0	Payments can either be made directly to a community or payments can be made to external vendor(s) that are then used to discount approved energy efficiency products for communities participating in the Community Based Initiative.
8	Comprehensive Marketing Residential (Gas) \$0	\$0	\$0	N/A
9	<b>Subtotal Non-Income Eligible Residential \$9,418,113</b>	<b>\$0</b>	<b>\$9,418,113</b>	
10	Single Family - Income Eligible Services (gas) \$3,421,921	\$0	\$3,421,921	Payments are made to external vendors that are then used to cover 100% of the cost for approved energy efficiency products that are installed in single family income eligible customer dwellings. Payments also include a no cost service to customers in the form of no cost energy assessments.
11	Income Eligible Multifamily (Gas) \$2,459,127	\$0	\$2,459,127	Payments are made to external vendors that are then used to cover 100% of the cost for approved energy efficiency products that are installed in multifamily customer dwellings. Payments also include a no cost service to customers in the form of no cost energy assessments.
12	<b>Subtotal Income Eligible Residential \$5,881,048</b>	<b>\$0</b>	<b>\$5,881,048</b>	
13	Large Commercial New Construction (Gas) \$1,943,110	\$0	\$1,943,110	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in customer facilities. Payments are also made directly to customers for the installation of approved energy efficiency measures.
14	Large Commercial Retrofit (Gas) \$1,410,428	\$235,217	\$1,175,211	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in customer facilities. Payments are also made directly to customers for the installation of approved energy efficiency measures.
15	Small Business Direct Install (Gas) \$265,765	\$0	\$265,765	Payments are made to external vendor(s) that are then used to discount approved energy efficiency products that are installed in customer facilities. Payments are also made directly to customers for the installation of approved energy efficiency measures. Payments also include no cost services to customers including no cost energy assessments.
16	Commercial Pilots (Gas) \$64,144	\$0	\$64,144	Incentive payments are made directly to customers for participation in this program.
17	Community Based Initiatives - C&I (Gas) \$0	\$0	\$0	Payments can either be made directly to a municipality or payments can be made to external vendor(s) that are then used to discount approved energy efficiency products for communities participating in the Community Based Initiative.
18	Commercial & Industrial Multifamily (Gas) \$496,929	\$0	\$496,929	N/A
19	Commercial Workforce Development (Gas) \$0	\$0	\$0	N/A
20	Finance Costs (Gas) \$1,262,509	\$0	\$1,262,509	N/A
21	<b>Subtotal Commercial &amp; Industrial \$5,442,886</b>	<b>\$235,217</b>	<b>\$5,207,669</b>	
22	OER (Gas) \$0	\$0	\$0	N/A
23	EERMC (Gas) \$0	\$0	\$0	N/A
24	<b>Subtotal Regulatory \$0</b>	<b>\$0</b>	<b>\$0</b>	
25	<b>TOTAL All Sectors \$20,742,047</b>	<b>\$235,217</b>	<b>\$20,506,830</b>	
	<b>OTHER COSTS NOT LISTED ABOVE (Gas) \$0</b>	<b>\$0</b>	<b>\$0</b>	

(1) In the 2020 Energy Efficiency Annual Plan filing, this cost category was referred to as "Rebates and Other Incentives"



**Schedule 7 - Sales, Technical Assistance & Training (STAT)**

	(a) (b)+(e)+(h)+(k)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(k) (l)+(m)	(l)	(m)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Energy Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Gas)	\$106,495	\$1,630	\$0	\$1,630	\$0	\$0	\$0	\$104,865	\$104,864	\$1	\$0	\$0	\$0
2 ENERGY STAR HVAC (Gas)	\$152,493	\$2,489	\$0	\$2,489	\$0	\$0	\$0	\$150,004	\$150,003	\$1	\$0	\$0	\$0
3 EnergyWise (Gas)	\$1,219,763	\$13,589	\$0	\$13,589	\$0	\$0	\$0	\$1,206,174	\$1,206,168	\$6	\$0	\$0	\$0
4 EnergyWise Multi Family (Gas)	\$56,314	\$1,768	\$0	\$1,768	\$0	\$0	\$0	\$54,546	\$54,545	\$1	\$0	\$0	\$0
5 Home Energy Reports (Gas)	\$370,124	\$3,420	\$0	\$3,420	\$0	\$0	\$0	\$366,704	\$366,702	\$2	\$0	\$0	\$0
6 Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Comprehensive Marketing Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$1,905,189</b>	<b>\$22,897</b>	<b>\$0</b>	<b>\$22,897</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,882,292</b>	<b>\$1,882,282</b>	<b>\$10</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
10 Single Family - Income Eligible Services (gas)	\$815,824	\$12,605	\$2,663	\$9,942	\$0	\$0	\$0	\$803,219	\$803,215	\$4	\$0	\$0	\$0
11 Income Eligible Multifamily (Gas)	\$345,535	\$4,021	\$0	\$4,021	\$0	\$0	\$0	\$341,514	\$341,512	\$2	\$0	\$0	\$0
12 <b>Subtotal Income Eligible Residential</b>	<b>\$1,161,359</b>	<b>\$16,626</b>	<b>\$2,663</b>	<b>\$13,964</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,144,733</b>	<b>\$1,144,726</b>	<b>\$6</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
13 Large Commercial New Construction (Gas)	\$1,624,953	\$177,466	\$61,459	\$116,008	\$1,109	\$39	\$1,071	\$1,446,377	\$1,445,999	\$378	\$0	\$0	\$0
14 Large Commercial Retrofit (Gas)	\$753,164	\$323,048	\$86,285	\$236,763	\$2,185	\$0	\$2,185	\$427,930	\$427,158	\$772	\$0	\$0	\$0
15 Small Business Direct Install (Gas)	\$8,572	\$8,445	\$429	\$8,016	\$74	\$0	\$74	\$53	\$27	\$26	\$0	\$0	\$0
16 Commercial Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17 Community Based Initiatives - C&I (Gas)	\$7,816	\$7,816	\$7,816	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18 Commercial & Industrial Multifamily (Gas)	\$131,418	\$41,157	\$19,443	\$21,714	\$200	\$0	\$200	\$90,060	\$89,989	\$71	\$0	\$0	\$0
19 Commercial Workforce Development (Gas)	\$3,591	\$0	\$0	\$0	\$169	\$169	\$0	\$3,422	\$3,422	\$0	\$0	\$0	\$0
20 Finance Costs (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$2,529,513</b>	<b>\$557,933</b>	<b>\$175,432</b>	<b>\$382,500</b>	<b>\$3,738</b>	<b>\$207</b>	<b>\$3,530</b>	<b>\$1,967,843</b>	<b>\$1,966,596</b>	<b>\$1,248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
22 OER (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 EERMC (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
25 <b>TOTAL All Sectors</b>	<b>\$5,596,062</b>	<b>\$597,456</b>	<b>\$178,095</b>	<b>\$419,361</b>	<b>\$3,738</b>	<b>\$207</b>	<b>\$3,530</b>	<b>\$4,994,868</b>	<b>\$4,993,604</b>	<b>\$1,264</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 8 - Evaluation & Market Research**

	(a) (b)+(e)+(h)+(k)	(b) (c)+(d)	(c)	(d)	(e) (f)+(g)	(f)	(g)	(h) (i)+(j)	(i)	(j)	(k) (l)+(m)	(l)	(m)
	Total Costs	Total Rhode Island Energy Labor Costs	Rhode Island Energy Direct Labor	Rhode Island Energy Allocated Labor	Total Rhode Island Employee Expenses	Rhode Island Energy Direct Employee Expenses	Rhode Island Energy Allocated Employee Expenses	External Services Costs	Direct External Services Costs	External Services Costs Originating from an Allocation	Other Costs (if any)	Other Direct Costs	Other Costs Originating from an Allocation
1 Residential New Construction (Gas)	\$43,796	\$2	\$1	\$1	\$0	\$0	\$0	\$43,794	\$30,701	\$13,093	\$0	\$0	\$0
2 ENERGY STAR HVAC (Gas)	\$13,897	\$8	\$8	\$1	\$0	\$0	\$0	\$13,889	\$4,174	\$9,715	\$0	\$0	\$0
3 EnergyWise (Gas)	\$94,351	\$3	\$0	\$3	\$0	\$0	\$0	\$94,347	\$35,606	\$58,742	\$0	\$0	\$0
4 EnergyWise Multi Family (Gas)	\$25,403	\$1	\$1	\$0	\$0	\$0	\$0	\$25,402	\$20,211	\$5,191	\$0	\$0	\$0
5 Home Energy Reports (Gas)	\$1,550	\$0	\$0	\$0	\$0	\$0	\$0	\$1,550	\$761	\$789	\$0	\$0	\$0
6 Residential Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 Community Based Initiatives - Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8 Comprehensive Marketing Residential (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9 <b>Subtotal Non-Income Eligible Residential</b>	<b>\$178,998</b>	<b>\$14</b>	<b>\$9</b>	<b>\$5</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$178,983</b>	<b>\$91,454</b>	<b>\$87,529</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
10 Single Family - Income Eligible Services (gas)	\$15,608	\$1	\$0	\$1	\$0	\$0	\$0	\$15,607	\$4,219	\$11,388	\$0	\$0	\$0
11 Income Eligible Multifamily (Gas)	\$12,325	\$1	\$1	\$1	\$0	\$0	\$0	\$12,324	\$2,981	\$9,343	\$0	\$0	\$0
12 <b>Subtotal Income Eligible Residential</b>	<b>\$27,932</b>	<b>\$2</b>	<b>\$1</b>	<b>\$1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,931</b>	<b>\$7,200</b>	<b>\$20,731</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
13 Large Commercial New Construction (Gas)	\$157,173	\$55	\$0	\$55	\$0	\$0	\$0	\$157,118	\$114,239	\$42,878	\$0	\$0	\$0
14 Large Commercial Retrofit (Gas)	\$124,393	\$51	\$0	\$51	\$0	\$0	\$0	\$124,342	\$84,483	\$39,859	\$0	\$0	\$0
15 Small Business Direct Install (Gas)	\$451	\$1	\$0	\$1	\$0	\$0	\$0	\$450	\$0	\$450	\$0	\$0	\$0
16 Commercial Pilots (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17 Community Based Initiatives - C&I (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18 Commercial & Industrial Multifamily (Gas)	\$2,333	\$2	\$1	\$2	\$0	\$0	\$0	\$2,331	\$873	\$1,457	\$0	\$0	\$0
19 Commercial Workforce Development (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20 Finance Costs (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21 <b>Subtotal Commercial &amp; Industrial</b>	<b>\$284,350</b>	<b>\$109</b>	<b>\$1</b>	<b>\$109</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$284,241</b>	<b>\$199,595</b>	<b>\$84,645</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
22 OER (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23 EERMC (Gas)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24 <b>Subtotal Regulatory</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
25 <b>TOTAL All Sectors</b>	<b>\$491,280</b>	<b>\$125</b>	<b>\$11</b>	<b>\$115</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$491,155</b>	<b>\$298,249</b>	<b>\$192,905</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>OTHER COSTS NOT LISTED ABOVE (Gas)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Schedule 9 - Shared Cross-Jurisdictional Costs (Non-Labor)**

>\$100,000 only for Rhode Island

(Non-Labor Services/Costs that are Shared with Other Jurisdictions and are Allocated to Rhode Island)

	(a)	(b) (c)x(a)	(b) (c)x(a)	(b) (c)x(a)	(c)	(c)	(c)	(d)	(e)	(f)
Description of Service/Cost	Total Cost Used as Basis for Allocation	Total Allocated to Rhode Island	Total Allocated to RI-ELEC	Total Allocated to RI-GAS	% to Rhode Island	% to RI-ELEC	% to RI-GAS	% to Mass.	% to New York	Description of Allocation Methodology
1 NO LONGER APPLICABLE	\$0	\$0	\$0	\$0	0%	0%	0%	0%	0%	N/A

**Schedule 10 - Methods for Allocating Gas Costs >\$500,000 Across Rhode Island Programs/Sectors**

	(a)	(b)	(c)	(d)	(f)
Description of Cost Allocated	Total Cost Allocated	Allocation to Non-Income Eligible Residential Programs	Allocation to Income Eligible Residential Programs	Allocation to C&I Programs	Description of Allocation Methodology
1 Labor Allocated to PP&A	\$468,323	\$167,775	\$95,584	\$204,964	Based on PP&A Budgets of Programs Designated To Receive Allocations
2 Labor Allocated to Marketing	\$0	\$0	\$0	\$0	Based on Marketing Budgets of Programs Designated To Receive Allocations
3 Labor Allocated to STAT	\$419,361	\$22,897	\$13,964	\$382,500	Based on STAT Budgets of Programs Designated To Receive Allocations
4 Labor Allocated to Evaluation & Market Research	\$115	\$5	\$1	\$109	Based on Evaluation & Marketing Research Budgets of Programs Designated To Receive Allocations
5 <b>ALLOCATED LABOR - RI-GAS TOTAL</b>	<b>\$887,799</b>	<b>\$190,677</b>	<b>\$109,549</b>	<b>\$587,573</b>	

## Attachment 3

### Case Studies and Evaluation Summaries

# Executive Summary

The Rhode Island Residential New Construction (RNC) program provides financial incentives and technical resources to builders and homeowners to encourage efficient construction practices in new homes. The RNC program calculates energy savings by comparing the consumption of program homes to a hypothetical typical home. Periodic baseline studies inform the program about how typical new homes are constructed, allowing the program to claim savings against true market conditions.

## Methodology

**Conducted** 40 onsite visits to newly constructed non-program homes and collected full HERS rating data

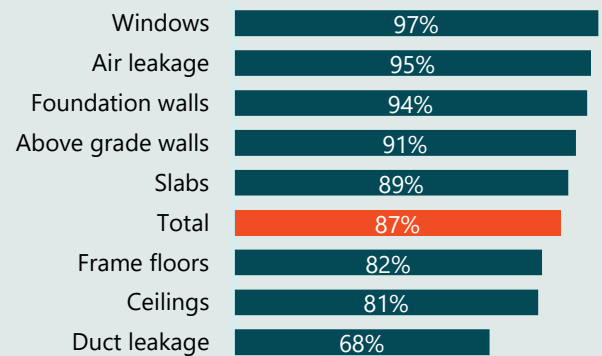
**Visited** building departments across the state to gather energy code compliance documentation

**Analyzed** building shell and mechanical equipment data and used energy modelling to assess code compliance

## Code Compliance

Overall energy code compliance is high among non-program homes at 87%; an increase from the 80% compliance rate observed in the 2017 baseline. Most measures showed high levels of code compliance, but duct leakage remains low at 68%.

**Recommendation:** Focus code compliance training activities on measures with the lowest levels of compliance, specifically duct leakage. A majority (93%) of homes sampled in this study had ducts, presenting a large opportunity to increase compliance.



## Program Home Performance

Program vs. Non-Program HERS Scores



Program homes continue to outperform sampled non-program homes, but there has been limited improvement in performance since the last baseline study. The 2017 baseline study found the average program HERS score to be 62, which has only decreased by one point to 61.

**Recommendation:** The program should consider increasing the stringency of program requirements to increase the overall performance of program homes over the general market, otherwise program savings may decrease. This may involve increasing the minimum % savings thresholds for program Tiers or adopting a pay for performance type model.

## Building Department Data

The documentation available at building departments was found to be relatively sparse and rarely contained reliable data that could be used to determine UDRH values. The most common types of documentation found were permits and blueprints which specify what is planned to be installed a new home, but documentation containing third party verification of building details was not commonly found.

**Recommendation:** Focus code official trainings on consistently collecting third party verification of energy code compliance such as prescriptive checklists, blower door and duct blaster results, IECC certificates, or HERS ratings. Collecting building department data to inform UDRH values in future RNC baseline studies is still a worthwhile endeavor, but data from third party verified sources should be prioritized.

# Executive Summary

Cadeo's impact evaluation of Rhode Island Energy's EnergyWise Single Family (EWSF) program focused on updating the gross energy savings for EWSF's weatherization (i.e., air sealing, duct sealing, and insulation) measures. This evaluation accounts for the full range of weatherization energy impacts including savings associated with primary heating fuel and, when relevant, secondary heating, cooling, and furnace fan usage.

## Methodology

### ① Primary Heating

Cadeo completed a billing analysis for participants that primarily heated with natural gas. Cadeo applied a series of engineering adjustments to leverage the results of the natural gas billing analysis to estimate savings for weatherized participants that primarily heat their homes using electricity or a delivered fuel (i.e., heating oil or propane).

### ② Secondary Electric Heating

Cadeo conducted an additional electric billing analysis focused on primary gas heated participants that self-identified as using secondary electric heating via a participant survey.

The evaluation includes savings estimates for participants that heat with:



Natural Gas



Electricity



Delivered Fuel  
(heating oil or propane)

### Key Findings:

The evaluation found higher weatherization savings than the previous evaluation for participants that heat their homes with natural gas or a delivered fuel (realization rates of **138%** and **126%** respectively), which collectively represent over 90% of weatherized EWSF participants. On average, 2021 natural gas weatherization participants installed more types of insulation (i.e., attic, wall, and floor each counting as 1.0 insulation type) in their home relative to participants in 2017-2018. For example, the average 2021 participant installed **2.11** types of insulation – up from 1.88 in 2017-2018. Most of the difference comes from a jump in percentage of participants that installed wall insulation, which increased from 43% to **62%**. The evaluation team found slightly lower savings – again relative to the previous evaluation – for the small number of electrically heated weatherization participants (**91%** realization rate). The team also found weatherization had small but observable decreases in participants' use of secondary electric heating sources.

### Recommendations:

The evaluation team recommends that Rhode Island Energy collect and provide evaluators with the following data not available to our team: pre-program R-value by location (e.g., attic, wall, floor), pre- and post- CFM-50 data for air sealing, type of primary heating equipment by fuel type, presence and type of secondary electric heating equipment, and seasonal occupancy flag (e.g., number of months unoccupied, when relevant).

# Rhode Island Commercial Food Service Equipment ISP Study

## Executive Summary

DNV conducted an **industry standard practice (ISP) kitchen equipment study** because of the new Rhode Island Appliance Standards that went into effect on January 1, 2023. The study characterizes ISP in Rhode Island (RI) for commercial kitchen equipment by **incorporating the new standards** and the **prevalence of used equipment** in the marketplace. The study's primary focus was on **commercial fryers, ovens, steam cookers, hot food cabinets, and dishwashers**, due to their relative magnitude of historical program savings.

This study effort was intended to provide **new baseline recommendations** to be applied prospectively to PY2024 and beyond. The **key research question** for this effort was to understand the extent to which used equipment is sold in the market and should therefore be reflected in the baseline assumptions.

## Methodology and Approach

To develop the recommended ISP baselines and updated deemed savings and demand values, the team conducted background research, interviews with market actors, and a survey of end users.

## Results/Key Findings and Conclusions

Measure	% New Equipment	% Used Energy Star	% Used Standard
<b>Fryer</b>	87% Energy Star V2.0	2% Energy Star V2.0	11% Energy Star V2.0 – baseline
<b>Oven</b>	83% Energy Star V2.2	2% Energy Star V2.2	15% Energy Star V2.2 – baseline
<b>Commercial dishwasher</b>	83% Energy Star V2.0	0% N/A	17% Energy Star V2.0 – baseline
<b>Hot food holding cabinets</b>	86% Energy Star V2.0	0% N/A	14% Energy Star V2.0 – baseline
<b>Steam cooker</b>	100% Energy Star V1.2	0% N/A	0% N/A

**Used equipment does play a role in the commercial food service industry.** Across the commercial kitchen equipment market, customers estimated that used equipment accounts for about 15% of sales and distributors estimated that used equipment accounts for 12% of sales. Estimates of the percentage of used equipment varied by equipment type – used equipment was most prevalent for fryers, ovens, dishwashers, and hot food holding cabinets. The average age of used equipment was two to three years.

**Replace on failure vs. new construction.** DNV did not find any difference in the percentage of used equipment for commercial food service equipment installed as a replace on failure vs. a new construction project.

## Recommendations

**1: Adopt the baselines outlined by equipment type in the study appendix.** These are based on the new food service equipment standards and our primary research. For fryers, ovens, commercial dishwashers, and hot food holding cabinets, we recommend a weighted baseline that takes used equipment into account. The ISP baseline for steam cookers should be the appliance standard requirements, due to a lack of evidence of used equipment.

**2: Update TRM with new savings values.** We recommend adopting the updated energy savings and demand savings shown in the body of the report. DNV also recommends listing all relevant savings parameters in the TRM. Currently, only the idle energy rate and efficiency level are listed in the TRM.



# 2022 Commercial and Industrial Programs Free-Ridership and Spillover Study

## Objective

Tetra Tech quantified the net impacts of Rhode Island Energy’s 2022 commercial and industrial (C&I) electric and natural gas upstream and downstream energy efficiency programs.

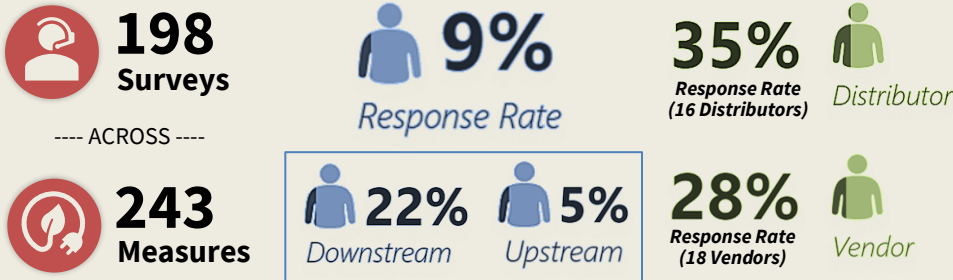
**The net-to-gross (NTG) rate:** The NTG rate is the rate of program-attributable savings to program gross savings. It is calculated as follows: **100% – free-ridership + spillover.**

**Free-ridership:** Program participants who would have installed the same high-efficiency equipment on their own at that same time if the program had not been offered.

**Spillover:** The adoption of additional energy-efficient measures of the same type implemented without assistance from the program due to program influences.

## Methodology

Tetra Tech conducted surveys with a sample of 2022 program participants, market actors, and distributors in each of the C&I electric and natural gas programs.



The 2022 study included the following Commercial & Industrial programs:

- New Construction
  - Design 2000 (electric)
  - Large Commercial & Industrial New Construction (gas)
- Retrofit
  - Energy Initiative (electric)
  - Large Commercial Retrofit (gas)
- Small Business Solutions (electric, gas)
- Upstream Gas (gas)

## Net-to-Gross Results

Tetra Tech, with input from Rhode Island Energy, combined NTG estimates across fuel types, programs/pathways, and measures to report unique NTG estimates by program and delivery type/pathway.

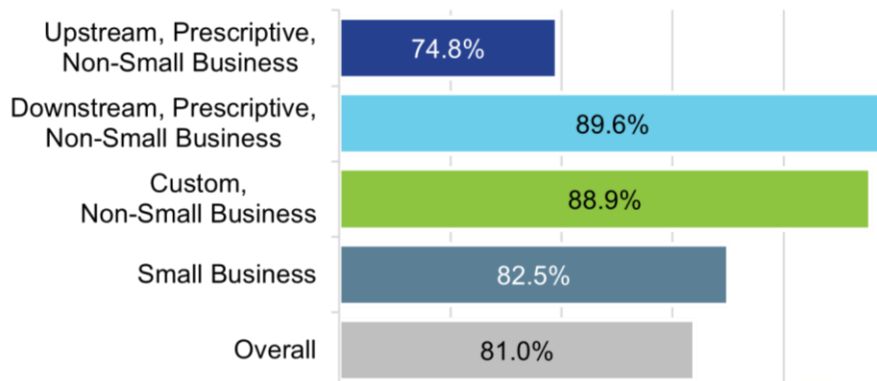
### Low NTG Rates

- The lower the rate, the more *likely* the customer was to have installed equipment without the program.
- **Fewer savings** are attributable to the programs.

### High NTG Rates

- The higher the rate, the more *unlikely* the customer was to have installed equipment without the program.
- **More savings** are attributable to the programs.

Electric and Natural Gas NTG Results



## Recommendations

Rhode Island Energy should adopt these values in its 2025–2026 program design and evaluation.

# Executive Summary

## Small Business Program Process Evaluation (RI-22-CX-Proc)

Rhode Island Energy (RIE) operates a long-standing Small Business Program (SBP) that provides deeply discounted retrofits to business customers who consume less than one million kWh/year. The program subsidizes the installation of efficient equipment, including custom and prescriptive measures. In September 2022, RIE contracted with Cadeo to conduct a process evaluation to assess program activities and identify opportunities for program enhancement. Although the SBP has successfully reached thousands of Rhode Island small businesses, it will need to adapt as low-cost savings from lighting change outs decline.

### Key Findings:

1. The RIE SBP operates effectively and has many features that can support the program as it adapts.
2. Program contractors are completing projects on schedule, but customer-directed projects need more attention.
3. Increased labor costs are affecting the program's ability to retain skilled labor.
4. Main Street canvassing approaches can be effective for reducing the cost of serving very small businesses and may help the program engage underserved small businesses (including those minority- and women-owned).
5. There are opportunities to customize marketing materials for small businesses and further support program contractors in outreach.

## Methods

### Interviews

with three program staff and seven program-affiliated contractors

### Survey

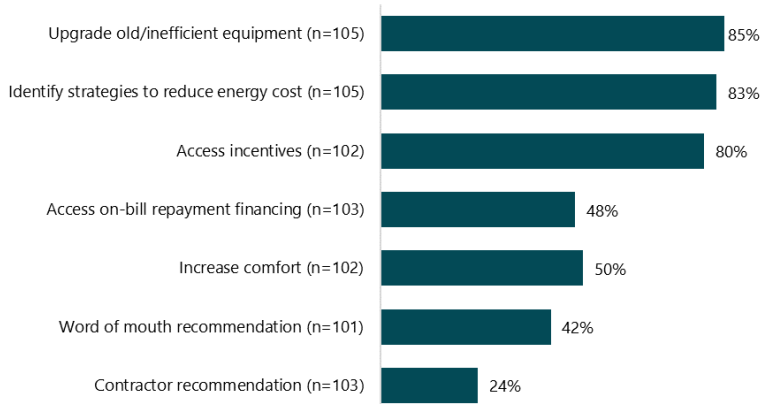
with 106 participant and 139 nonparticipant businesses

### Focus Groups

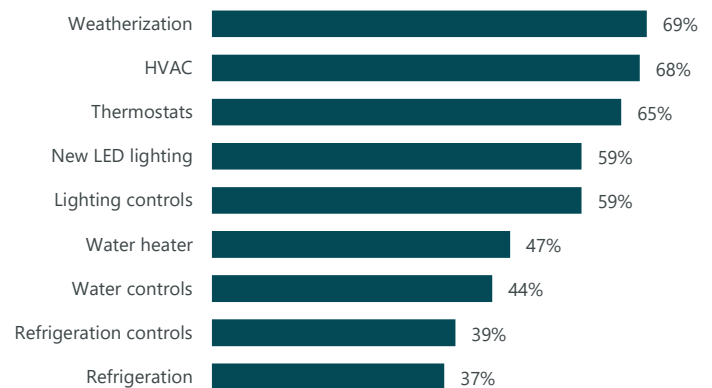
with 12 nonparticipant small business representatives

### Literature review and jurisdictional scan

## Motivations to Participate



## Measure Interest Among Nonparticipants Who Are Likely to Participate (n=59)



Participants are satisfied with their program experience and sought to improve the efficiency of their spaces. Nonparticipants face challenges paying for upgrades, especially when they lease their space however they are interested in comprehensive projects, including weatherizing their space and obtaining HVAC.

## Recommendations

- ✓ Promote the on-bill financing path to encourage wider adoption and overcome first cost barriers.
- ✓ Use financing to expand access to measures that offer energy savings and other benefits.
- ✓ Increase tracking and follow up for customer-directed projects
- ✓ Ensure the labor rates and reimbursement schedule reflects recent cost increases.
- ✓ Deploy strategies that expand the effectiveness of Main Street outreach efforts.
- ✓ Expand marketing and collateral tools to support a range of communications and promotion of measure packages.

# Executive Summary

Reliable measure life assumptions are critical for understanding the impact of Rhode Island Energy's energy efficiency programs on lifetime energy savings. For this reason, Cadeo reviewed measure life assumptions to ensure the accuracy of measure life values for prescriptive measures in the state's 2023 Technical Reference Manual (TRM) and Rhode Island Energy's benefit-cost ratio (BCR) models.

## Methodology

### ① *Prioritized*

a list of over 300 prescriptive efficiency measures into "high", "medium", and "low" ranking categories based on each measure's relative contribution to RI Energy's portfolio level expected lifetime energy savings.

### ② *Scored*

the existing source for every high and medium measure, as well as a sample of low measures, using three factors: source origin (i.e., was it RI- or NE-specific?), robustness (i.e., how strong was the research?), and age (i.e., how recently was the research completed?)

### ③ *Investigated*

the existence of a "better" source for all measures that scored poorly. Cadeo defined a "better" source as one that scored more favorably than the existing source using the same three review criteria.

### Key Takeaway:

In total, Cadeo reviewed **68** prescriptive gas and electric measures across all sectors (commercial, residential, and income eligible), including every high and medium measure and a subset of low measures. Collectively, the measures included in the review represent **85%** of the total lifetime energy savings expected for prescriptive measures for 2023.

## Recommended Measure Life Updates

In total, our team identified and recommended a new measure life source and value for 21 of the 68 (31%) reviewed measures, broken down by measure priority group as follows:

**High:** 2 of the 8 (25%)

**Medium:** 6 of the 15 (40%)

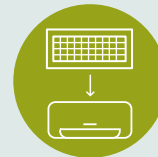
**Low:** 13 of the 45 (29%)

The net impact of these recommended updates has a small, yet positive, impact on Rhode Island's expected lifetime savings for prescriptive measures. Replacing the existing sources and associated EUL values with those recommended by Cadeo in the memo results in **an increase of 0.3%** in expected portfolio-level lifetime energy savings for Rhode Island Energy prescriptive measures.

### HIGH



Wi-Fi Thermostat



Electric Resistance to MSHP

### MEDIUM



ERV



Replacement Refrigerator



Programmable Thermostat



Heat Pumps



Refrigerator Recycling



Mini-Split Heat Pump

Attachment 4  
Year-End Participation Memo

# 2023 Year-End Participation Memo

## I. Participation Overview

Rhode Island Energy recognizes the importance of program participation in designing efficiency services, reaching diverse markets, meeting customer demand, and finding areas to increase efficiencies. Complementary to the gas and electric savings that the Company seeks to achieve each year, participation contextualizes the impact of efficiency through revealing who is benefiting from the programs and how. The objective of this memo is to measure unique participants, participation over time, and quantify total customers reached.

Rhode Island Energy enables customers to participate through a variety of service streams which makes quantifying participation difficult. Programs and initiatives such as EnergyWise and Small Business Services retrofit a home or business through technical assessments and installed measures. The Company also delivers efficiency to customers through broad channels to increase accessibility for all customers. These expansive efforts tend to focus on one measure at a time and are intended to transform the market so that customers make energy efficient choices. Within these broad offerings, it is difficult to precisely measure participation levels cumulatively and compare to participation in other deeper programs. Therefore, this memo focuses on participation levels in deep services that offer customers the most benefits.

Programs and initiatives are designed and delivered in specific ways to maximize potential energy savings. Therefore, specific data differs among programs and what is defined as a 'participant' may differ as well. A breakdown of participation units used for reporting gas and electric programs in 2023 is found below.

## Participation Reporting Units

Fuel	Sector	Program	Participation Unit
Gas	Commercial & Industrial	Large Commercial New Construction	Unique Account
		Large Commercial Retrofit	Unique Account
		Small Business Direct Install	Unique Account
		C&I Multifamily	Housing Units
	Income Eligible Residential	Single Family – Income Eligible Services	Unique Account
		Income Eligible Multifamily	Housing Units
	Residential	Energy Star® HVAC	Unique Account
		EnergyWise	Unique Account
		EnergyWise Multifamily	Housing Units
		Home Energy Reports	Unique Account
Residential New Construction		Housing Units	
Electric	Commercial & Industrial	Large Commercial New Construction	Unique Account
		Large Commercial Retrofit	Unique Account + Unique Customer names from Upstream Lighting
		Small Business Direct Install	Unique Account
	Income Eligible Residential	Single Family – Income Eligible Services	Unique Account
		Income Eligible Multifamily	Housing Units
	Residential	Energy Star® HVAC	Unique Account
		EnergyWise	Unique Account
		EnergyWise Multifamily	Housing Units
		Home Energy Reports	Unique Account
		Residential New Construction	Housing Units
		Residential Consumer Products (formerly Energy Star® Products & Energy Star® Lighting)	Number of Rebates

As the table shows, participation is counted in different ways depending on the program.

1. **Unique billing accounts:** The predominate means for tracking participants. This is defined as one electric or gas account number.
2. **Housing units:** This method is used in the electric and gas Residential New Construction program and multifamily programs. For New Construction programs, buildings are typically under construction, so accounts do not yet exist. Rhode Island Energy, therefore, tracks the number of housing units for participation. This method is also applied to all multifamily programs, where complexes and not individual apartments tend to have accounts. These programs are focused on the impact to the apartment dwellers, so from a program design perspective, understanding the number of housing units affected, is of greater interest. Please note that for the gas programs only gas-heated units are counted as participants. In the case that an electric or delivered-fuel-heated dwelling is part of the impacted complex, it would not be counted as a participant.

3. **Rebates:** In the Residential Consumer Products program, the Company reports the number of rebates processed because not every rebate contains account information.
4. **Unique customer names:** This method is used in the C&I Upstream Lighting Initiative. Customer account information is not collected at the point of sale as it would delay the process and can be a potential barrier to the success of the program. Therefore, the Company must analyze unique customer names and addresses to determine unique participants.

## II. Unique Cumulative Participation

### Background

The integration of efficiency services, from the identification of HVAC opportunities during home audits to product offerings through the Home Energy Reports web portal, means that a single customer may be counted as a participant in multiple programs. Continued interest in efficiency, moreover, may lead that customer to participate in consecutive years. Such overlap in participation, both over time and across programs, has become important to Rhode Island Energy and its stakeholders as it is important in understanding the progress that energy efficiency programs have made in benefitting Rhode Island electric and gas customers.

### Methodology

The tables and graphs below show the unique annual and cumulative customer accounts associated with certain efficiency programs, sector, and fuel for the period 2016-2023. The tables are organized using the following:

- **Annual Program Counts** - Represents the unique accounts associated with an individual program in a given year. It removes all double counting within a given program within a given year. For example, if a customer participated in the HVAC program twice in 2023, they would only be counted once.
  - Please note that some overlap exists within the home audit programs, but not because of repeat audits. Program policy requires customers wait three years before receiving another audit. However, follow-up work to an audit in 2022, such as weatherization, could occur in 2023. One account, therefore, would appear as a unique participant in two different years.
- **Additive** - The sum of Annual Program Counts.
- **Cumulative** - Eliminates all double counting within a program across multiple years. For example, if a customer participated in the HVAC program in 2020 and then again in 2023, they would only be counted once. Therefore, the cumulative count may be less than the additive count since it removes customers that participate in the same program more than once.
- **Sector (Residential, Income Eligible, and Commercial) Subtotals** - Eliminates all double counting across programs for a given year. For example, if a customer participated

in both the HVAC program and the EnergyWise program in 2023, they would only be counted once. Therefore, the sector subtotal may be less than the sum of all the annual program counts in a given year.

- **Portfolio Total** - Eliminates all double counting across sectors for a given year. For example, if a customer participated in the Income Eligible Single-Family Program and the Residential Consumer Products program in 2023, they would only be counted once. Therefore, the portfolio total may be less than the sum of all annual participant counts.
- **Percent Unique Accounts** - This represents the ratio of cumulative to additive program participation counts. The result is the percentage of customers that only participated in a given program one time from 2012-2023.
- **Percent Unique Program Participants** - This represents the ratio of the sector subtotal (unique counts) to the sum of annual participant counts in a given year. The result is the percentage of customers that only participated in one program during a given year.
- **Portfolio Cumulative** - The set of unique accounts across all programs and years, with all overlap removed. For example, if an account is found in EnergyWise for 2022 and Residential Consumer Products for 2023, it would only appear once in the Portfolio Cumulative Count.

#### Important Notes about Participation Counts

The counts shown below do not include participants in Home Energy Reports and C&I Upstream Lighting (an initiative tracked under Commercial New Construction before 2016 and under Commercial Retrofit starting in 2016). While Home Energy Reports is an important program that reaches broad participation and savings while driving customers to other program opportunities, it was excluded because its hundreds of thousands of participants would overwhelm the cumulative counts, thereby obscuring any trends that could otherwise be observed. Commercial Upstream Lighting does not collect account information, thus could not be included in this analysis. The number of electric and gas participants for these programs, however, are included in Tables E-1 and G-1 in Attachments 1 and 2, respectively.

Not all rebates processed through the Residential Consumer Products program contain account information. Therefore, rebates without account information are not included in this analysis. For this reason, annual program counts below are lower than the total number of customers that participated in this program. Likewise, the number of rebates in the Residential Consumer Products program reported in Table E-1 will be higher than the number of accounts detailed below because not all rebates include account information.

In the year-end report, the Company counts EnergyWise Multifamily and EnergyWise Multifamily Income Eligible participation by units in treated buildings. When units are used, if 51% of the building is income-eligible, the whole building and all units within are treated and counted as income eligible. However, since this analysis uses account numbers, and account numbers track



with a rate class, the results below will show a higher split of market rate to income eligible multifamily participants. Multifamily programs are included in this unique account analysis to remove overlaps with other programs to the best extent possible.

### Trends in EE Program Participation

The tables and figures below provide insight into participation trends across programs and years. Overall, 2023 program participation at the portfolio level decreased compared to 2022 participation, with the electric portfolio showing a 10% decrease and the gas portfolio showing a 5% decrease. General observations on participation trends from 2022 and 2023 are highlighted below.

- Decreases in electric portfolio participation were driven largely by the C&I sector which saw a 19% decrease in participation from 2022 to 2023, followed by Income Eligible with a 13% decrease and Residential with a 9% decrease.
- Gas portfolio participation decreased in the Residential sector, which saw a 6% decrease in participation from 2022 to 2023. However, Income Eligible gas participation grew by 7% and C&I gas participation grew by 7% from 2022 to 2023.
- Overall, the Company reached approximately 266,050 electric customers and 100,398 gas customers from 2012 to 2023. This figure is reflective of the “Important Notes about Participation Counts” section above.

Examining the percentage of unique program participants in a single year (within Tables 1 and 2), it is evident that there is little overlap between programs. This trend is seen across all three sectors (C&I, Income Eligible, Residential). These results are not surprising in the Income-Eligible Sector where customers would either participate in the single family or multifamily program, nor are they in the C&I sector where programs are more segmented. However, in the residential sector, customers are encouraged to participate in multiple programs in any given year. These results indicate there may be more the Company can do in terms of cross-program promotion to drive more participation in the same year. The multifamily program-level trends are not likely representative due to the fact that the Company generally counts all units in a participating facility. In spring 2016, the Company started tracking participating units in addition to counting all units in a multi-family facility.

**Table 1. Electric Cumulative Participation 2016-2023<sup>1</sup>**  
Participation by Accounts

Sector	Program	Annual Counts								5-Year Annual Average	Additive	Cumulative	% Unique Accounts
		2016	2017	2018	2019	2020	2021	2022	2023	2019-2023	2012-2023	2012-2023	
Residential	HVAC	1,978	3,023	3,269	6,298	6,745	8,915	10,166	6,312	7,687	55,705	49,588	89%
	Products	2,622	6,630	6,249	7,283	6,843	5,905	6,583	6,034	6,530	75,306	64,899	86%
	EW	9,567	10,159	11,961	13,839	11,926	14,640	11,882	14,042	13,266	134,984	109,188	81%
	EW MF	11,408	7,472	10,014	7,455	5,986	5,454	4,671	4,230	5,559	76,138	41,228	54%
	Residential Subtotal	25,103	26,368	30,551	33,077	29,883	32,921	31,457	28,735	31,215	327,935	220,267	67%
	% Unique Program Participants	98%	97%	97%	95%	95%	94%	94%	94%	94%	94%		
Income Eligible	AMP	3,016	3,074	3,850	4,089	3,863	5,362	4,853	4,616	4,557	43,928	28,973	66%
	IE MF	1,999	2,289	1,256	1,433	1,065	1,128	1,163	631	1,084	18,871	10,905	58%
	Income Eligible Subtotal	5,015	5,359	5,103	5,520	4,928	6,489	6,013	5,247	5,639	62,784	39,760	63%
	% Unique Program Participants	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Commercial	New Construction	251	195	173	155	105	164	62	70	111	1,909	1,425	75%
	Retrofit	400	593	579	545	519	603	605	498	554	5,988	3,243	54%
	SBS	797	807	760	724	615	598	555	427	584	9,749	7,980	82%
	Commercial Subtotal	1,380	1,554	1,492	1,424	1,239	1,365	1,222	995	1,249	17,325	11,962	69%
	% Unique Program Participants	95%	97%	99%	100%	100%	100%	100%	100%	100%			
<b>Portfolio Total</b>		31,449	33,177	36,995	39,825	35,939	40,602	38,540	34,778	37,937	406,637	266,050	65%

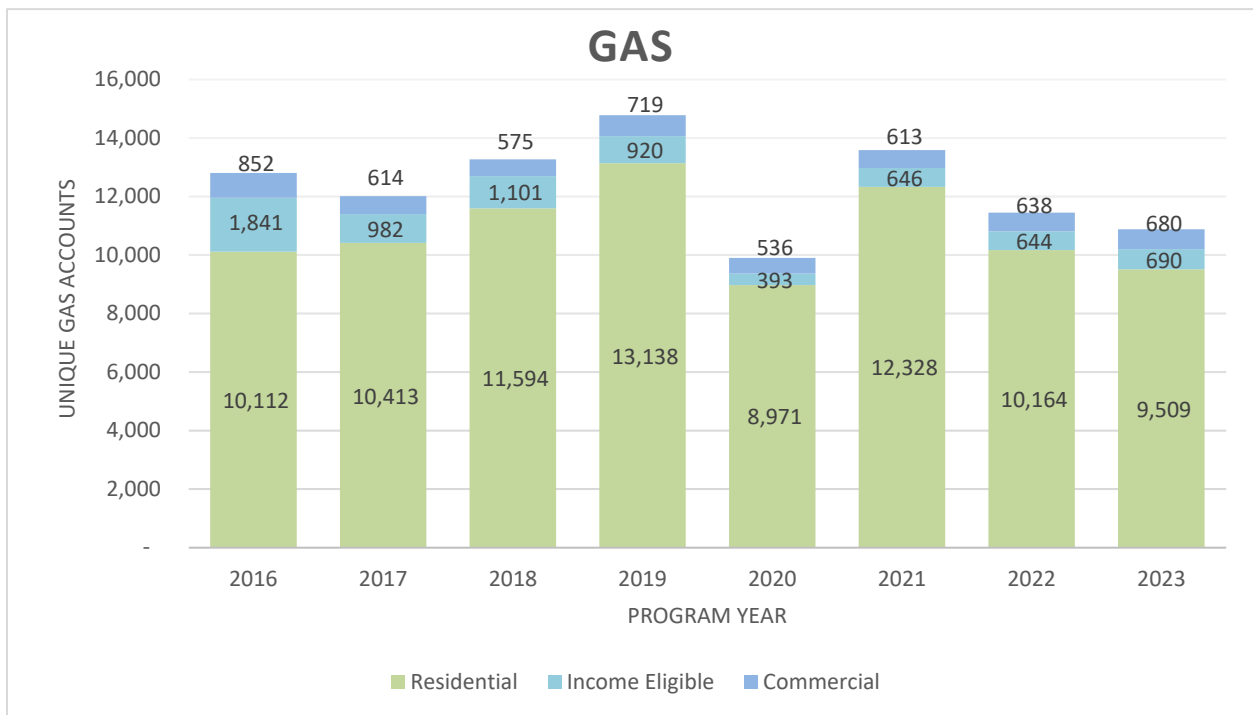
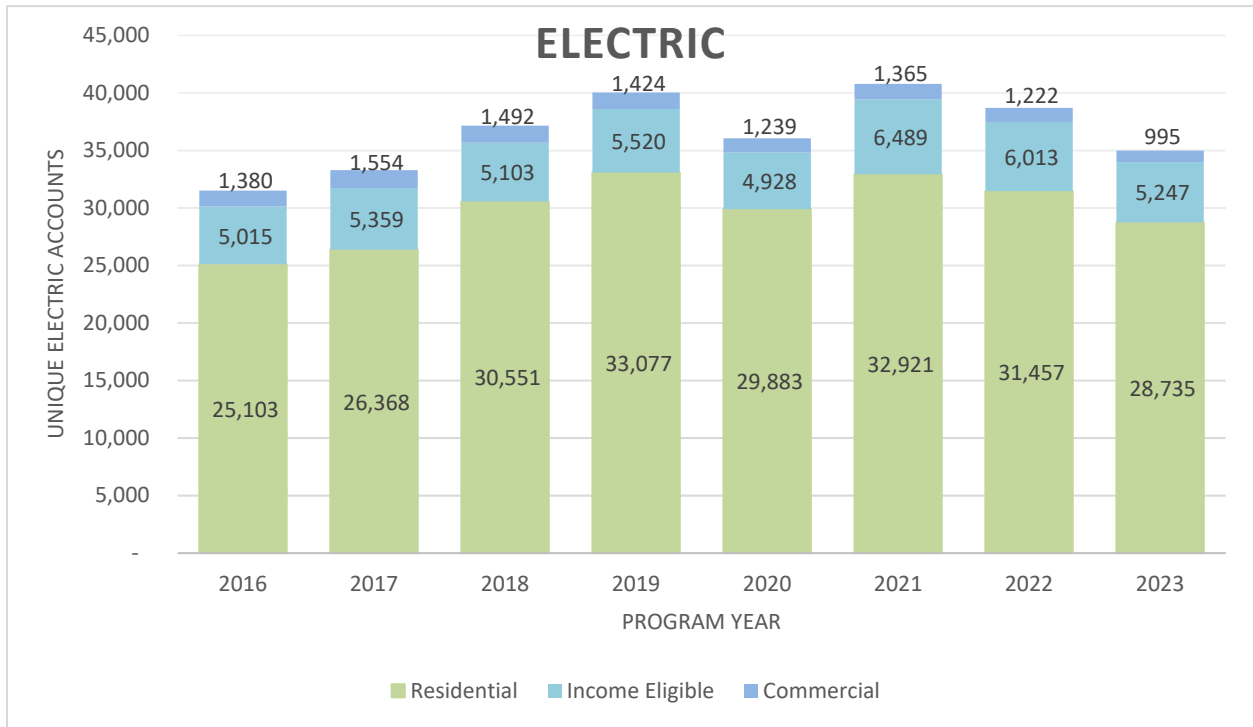
<sup>1</sup> For display purposes, years 2012-2015 are not displayed in Table 1 but are accounted for in the Additive and Cumulative columns. Please see the participation memo from 2020 for the 2012-2015 inputs.

**Table 2. Gas Cumulative Participation 2016-2023<sup>2</sup>**  
Participation by Accounts

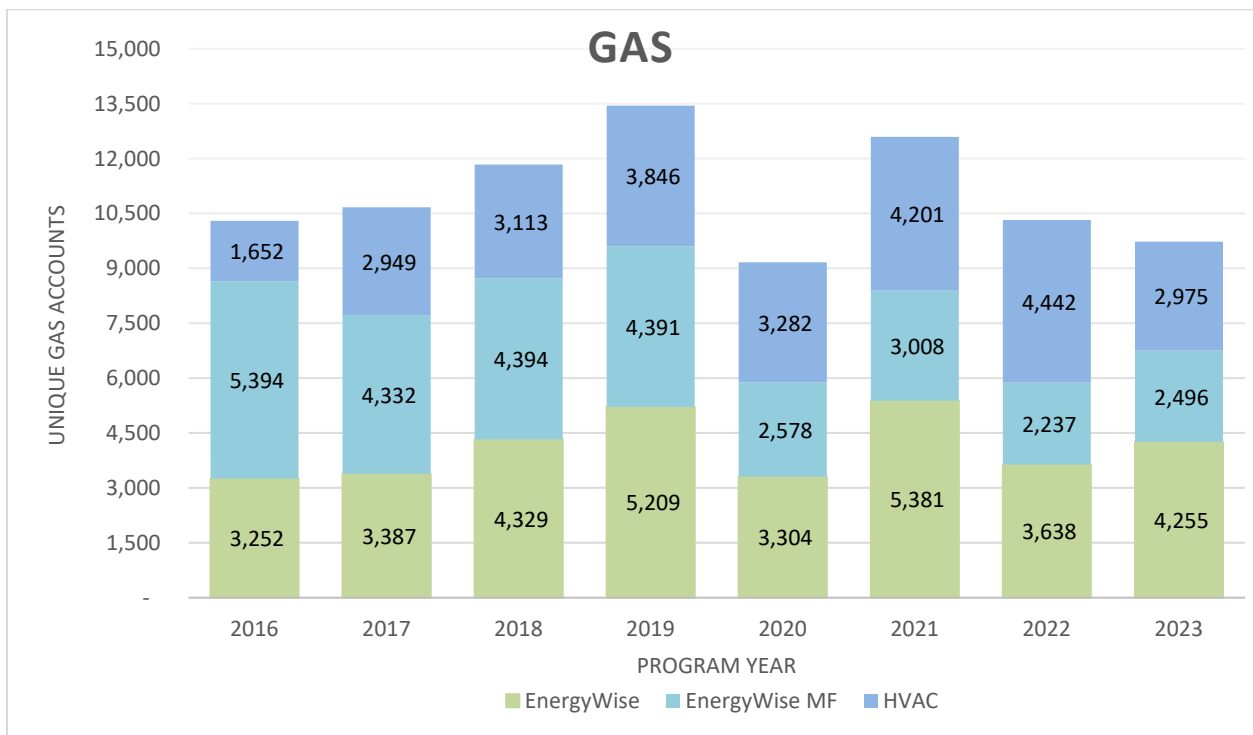
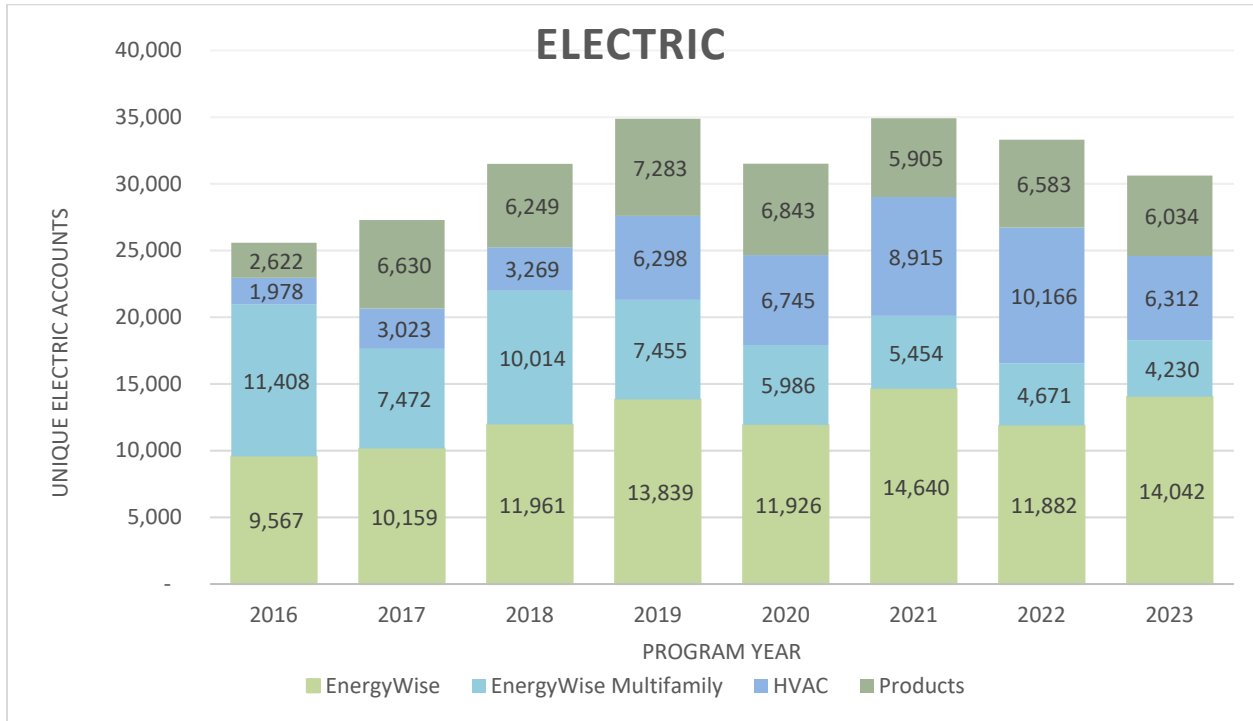
Sector	Program	Annual Counts								5-Year Annual Average	Additive	Cumulative	% Unique Accounts
		2016	2017	2018	2019	2020	2021	2022	2023	2019-2023	2012-2023	2012-2023	
Residential	HVAC	1,652	2,949	3,113	3,846	3,282	4,201	4,442	2,975	3,749	42,725	38,982	91%
	EW	3,252	3,387	4,329	5,209	3,304	5,381	3,638	4,255	4,357	41,681	36,648	88%
	EW MF	5,394	4,332	4,394	4,391	2,578	3,008	2,237	2,496	2,942	38,821	19,353	50%
	Residential Subtotal	10,112	10,413	11,594	13,138	8,971	12,328	10,164	9,509	10,822	120,490	87,175	72%
	% Unique Program Participants	98%	98%	98%	98%	98%	98%	99%	98%	98%			
Income Eligible	AMP	722	700	615	596	279	585	559	609	526	6,519	5,966	92%
	IE MF	1,121	282	486	324	114	61	85	81	133	3,926	2,902	74%
	Income Eligible Subtotal	1,841	982	1,101	920	393	646	644	690	659	10,443	8,865	85%
	% Unique Program Participants	100%	100%	100%	100%	100%	100%	100%	100%	100%			
Commercial	New Construction	206	268	309	321	341	463	408	469	400	3,307	1,195	36%
	Retrofit	611	240	206	311	120	108	153	97	158	3,568	2,938	82%
	SBS	50	122	82	109	85	109	100	123	105	1,469	1,398	95%
	Commercial Subtotal	852	614	575	719	536	613	638	680	637	8,071	6,187	77%
	% Unique Program Participants	98%	97%	96%	97%	98%	90%	97%	99%	96%			
<b>Portfolio Total</b>		12,406	11,950	13,274	14,582	9,889	13,571	11,430	10,865	12,067	137,865	100,398	73%

<sup>2</sup> For display purposes, years 2012-2015 are not displayed in Table 2 but are accounted for in the Additive and Cumulative columns. Please see the participation memo from 2020 for the 2012-2015 inputs.

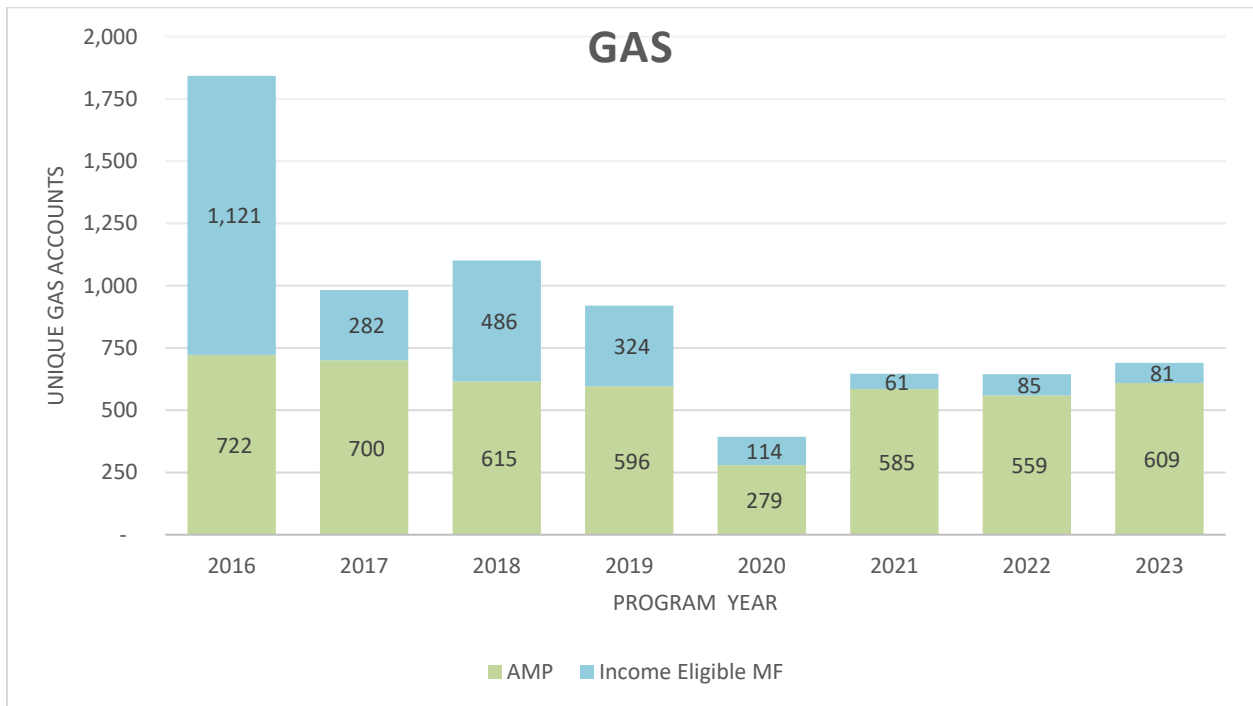
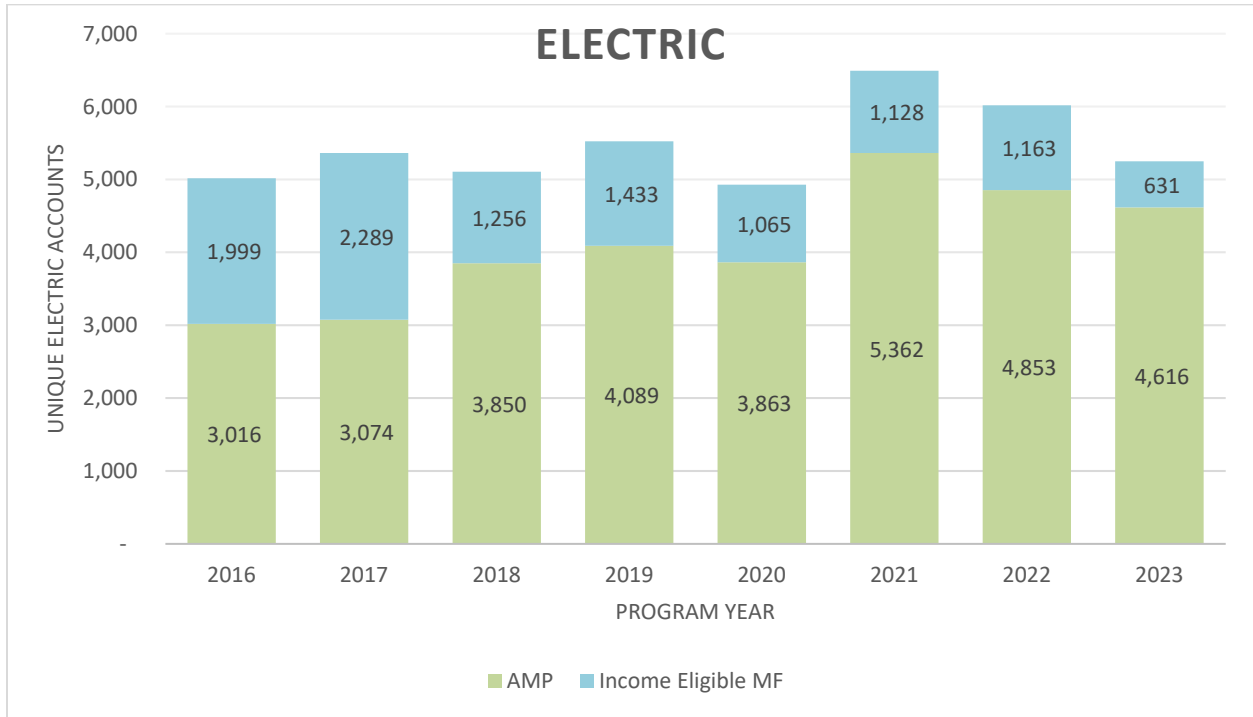
**Figure 1. Electric and Gas Participation by Sector, 2016-2023**



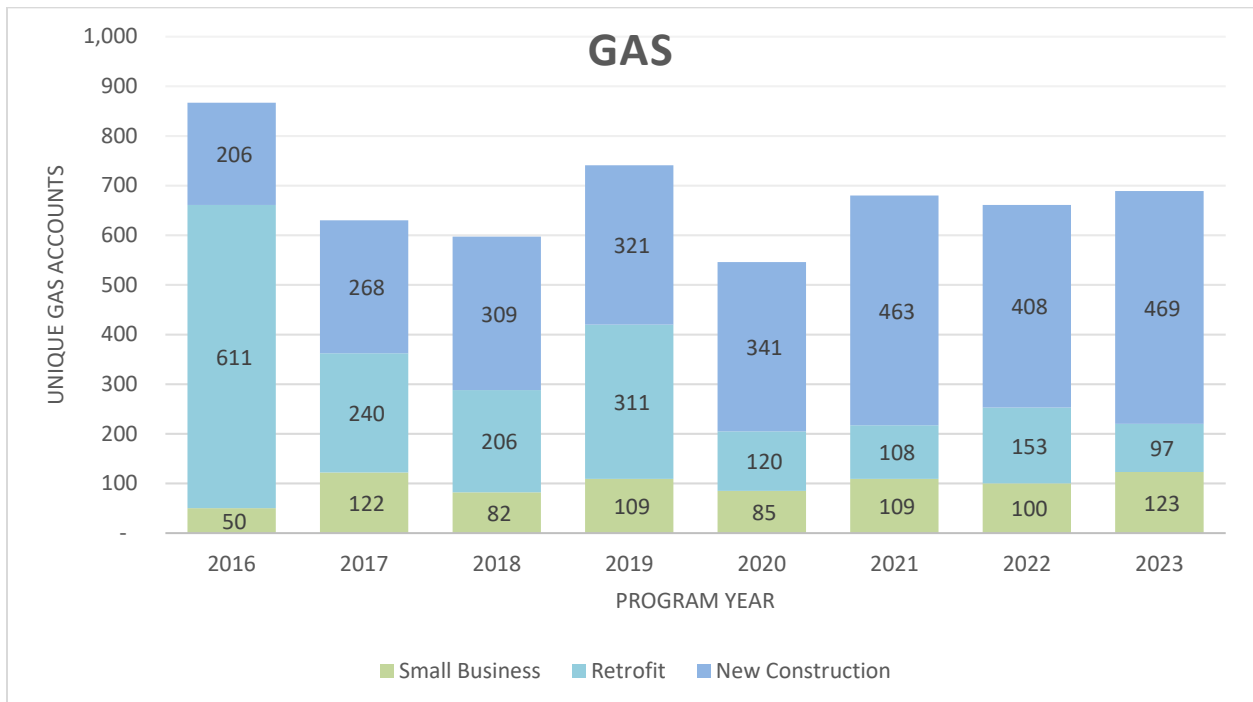
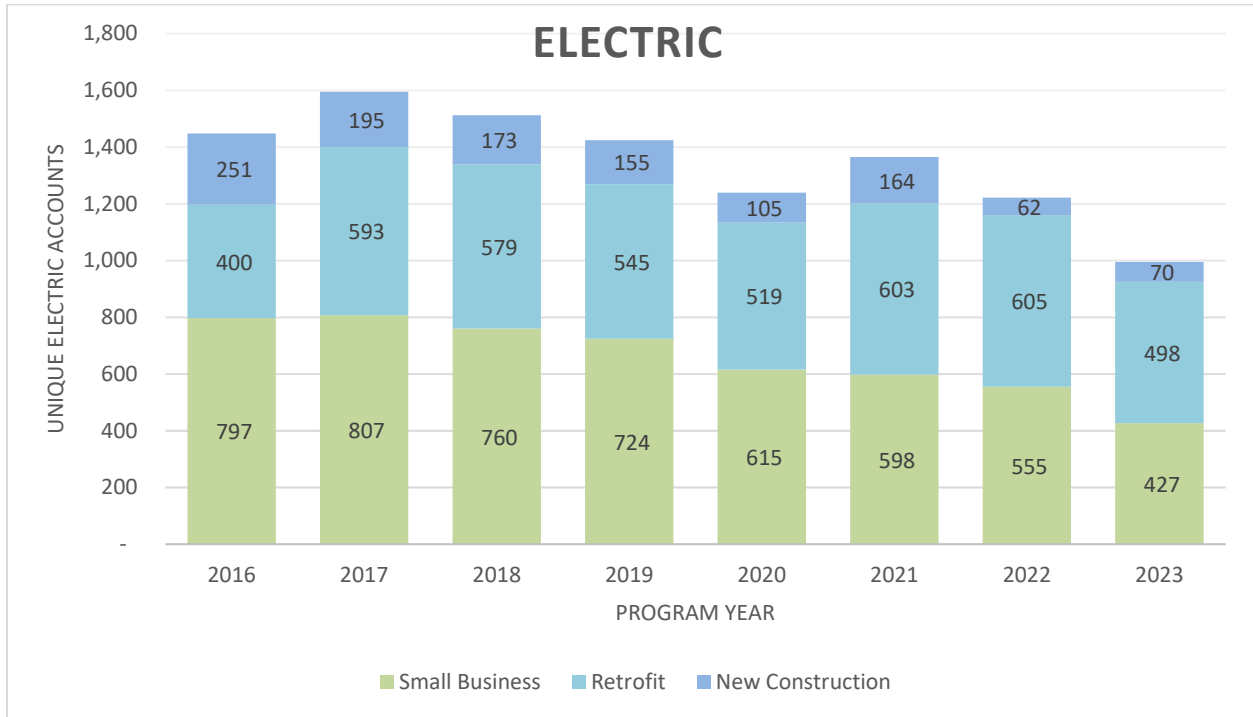
**Figure 2. Electric and Gas Participation, Residential Sector by Program, 2016-2023**



**Figure 3. Electric and Gas Participation, Income-Eligible Sector by Program, 2016-2023**



**Figure 4. Electric and Gas Participation, Commercial Sector by Program, 2016-2023**



## Attachment 5

# Rhode Island Energy Efficiency Program Vendor List



## Participating Companies

The following list includes contractors and subcontractors performing work directly for The Narragansett Electric Company Energy Efficiency programs in 2023 that 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 The Narragansett Electric Company 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 626 companies, agencies, contractors and sub-contractors listed here, 68% are either headquartered in Rhode Island or have a physical presence in Rhode Island, 20% are Massachusetts-based companies, and 3% of companies are Connecticut firms. The remaining firms have offices in the other New England states or outside of New England. The list is organized with Rhode Island first, then other states in alphabetical order. Within each state, the firms are listed alphabetically.

Name	City	State
210 Plumbing	Newport	RI
24K Construction	Riverside	RI
A & R HVAC	Johnston	RI
A & T General Maintenance & Repair	Bristol	RI
A Perry Heating	Exeter	RI
A To Z Plumbing, Heating & Air	Riverside	RI
A Westerfield Plmg	Wakefield	RI
A&L Mechanical Inc	Providence	RI
A&M Compressed Air Product, Inc.	East Providence	RI
A&T General Maintenance & Repair	Bristol	RI
A. Barber Excavating & Environmental (Oil Tanks)	Warwick	RI
A/Z Corp	Cranston	RI
Absolute Haitian	Lincoln	RI
Advanced Comfort Systems	North Smithfield	RI
Advanced Heating & Cooling	Greenville	RI
Advanced Pro Insulation	Pawtucket	RI
Advantage Engineering	North Kingstown	RI
Aero Mechanical Inc	Johnston	RI
Affordable Htng & AC	North Providence	RI
Air Conditioning Services of New England	Cranston	RI
Air Flow Inc	Coventry	RI
Air Metalworks Ltd	Carolina	RI
Air Quality LLC	Cranston	RI
Air Synergy LLC	Providence	RI
Air Tech Heating & A/C	Rumford	RI
Air Tech Pro HVAC	Warwick	RI
Airtemp HVAC	Johnston	RI

AJ's Plumbing & Heating	North Providence	RI
AK Mechanical	Coventry	RI
Al Danti & Son Plumbing & Heat	South Lancaster	RI
All Comfort Heating and Cooling	Bradford	RI
All Phase Heating & Cooling	Hope	RI
All Star Insulation	Providence	RI
Almeida Plumbing & Heating	Greenville	RI
Alpha Mechanical	East Providence	RI
AM Electric LLC	Warwick	RI
American Heating,Plumbing,& Sprinkler,Inc.	North Providence	RI
American Home Heating And AC	Cranston	RI
Amgen	West Greenwich	RI
Anchor Insulation Co. Inc.	Pawtucket	RI
Anchor Mechanical Services LLC	Westerly	RI
Andrade & Co LLC	North Providence	RI
APB Plumbing & Heating	Cumberland	RI
Aquidneck Pools & Spas	Portsmouth	RI
AR Heating & Cooling Inc	Cranston	RI
Arden Engineering Constructor	Pawtucket	RI
Ardente Supply Co Inc	Providence	RI
Arema HVAC	Greenville	RI
Armor Insulation	Cumberland	RI
Association Of Energy Ser	Providence	RI
Aten Energy Conservation	Pawtucket	RI
Atlantic Compressor & Vacuum Inc	West Warwick	RI
Atlantic Control Systems Inc	Boston	RI
Atlantic P & H Supply	Coventry	RI
Atlantis Comfort Systems	West Warwick	RI
Atlas Copco	North Kingstown	RI
Automated Temperature Controls	Cranston	RI
B & B Natural Gas	Woonsocket	RI
B&D Boiler Removal	Pawtucket	RI
B2Q Associates Inc	Providence	RI
Barlow Heating LLC	Warwick	RI
Barrett Plumbing & Heating Inc	West Greenwich	RI
Barrington Plumbing and Heating Inc	Barrington	RI
Baum Energy	Warren	RI
Becks Refrigerated Services	Chepachet	RI
Beneficial Energy Products	Pawtucket	RI
Berard Heating & HVAC	Warwick	RI
Bileau HVAC Inc	Woonsocket	RI
Bill Identity Inc	Warwick	RI
Bill's Direct Plumbing & Heating	Bristol	RI
Blue Light Energy LLC	Smithfield	RI

BMB Services LLC	East Greenwich	RI
Boss Heating & Cooling Inc	Charlestown	RI
Bouckert Industrial Textiles	Woonsocket	RI
Brittain Electric Inc	Jamestown	RI
Buckley Htg & Cooling	Peacedale	RI
Butler & Sons Plumbing and Heating Inc	Cranston	RI
C & K Electric Co. Inc.	Providence	RI
C. Caswell Plumbing	Jamestown	RI
C.E.S Construction	Woonsocket	RI
Caiozzo Plumbing	Warwick	RI
Cal Supply Company	Portsmouth	RI
Calyx Retrofit	Lincoln	RI
Campbell Plumbing LLC	Middletown	RI
Capwell Heating and Air	Hope Valley	RI
Carjon Air Conditioning & Heating, Inc.	Smithfield	RI
Carter Bros Inc	Pascoag	RI
Caseys Oil & Propane	Portsmouth	RI
CD Heating Inc	Cranston	RI
Century Sheet Metal Inc	Riverside	RI
Certified Energy Consultants, LLC	Rumford	RI
Chace Co	Manville	RI
Charland Enterprises	Pawtucket	RI
Chaves Services	Middletown	RI
CJ's Plumbing & Heating Specialists	Smithfield	RI
Clermont Mechanical Plumbing	Glendale	RI
Cmags Heating & Air Conditioning	Warwick	RI
Coldmasters Temp Cont Inc	Providence	RI
Comfort Zone Inc	Hopkinton	RI
Commercial Heating Service Inc	Cranston	RI
Concept Home Services LLC	Bradford	RI
Connolly And Sons Heating Services	Harmony	RI
Consumers Propane, Bousquet Oil	Woonsocket	RI
Continental Engineering Inc	Johnston	RI
Coverall Mechanical Services LLC	Cranston	RI
Creative Plumbing & Heating In	Newport	RI
Crew Remodeling & Construction	Newport	RI
Cross Insulation	Cumberland	RI
Crown Supply Company Inc	Providence	RI
CSV Mechanical	South Kingstown	RI
Custom Coatings Inc	Slatersville	RI
CV Construction	Cumberland	RI
CW Cummings Plumbing Co	Coventry	RI
D & D Metal Works	North Providence	RI
D & V Mechanical Inc	Westerly	RI

Dalkia Energy Solutions LLC	Wakefield	RI
Danico LLC	East Greenwich	RI
David Parrillo Plumbing, Heating & Son LLC	Hope	RI
Delmonico Enterprises Plg	Cranston	RI
Delo Mechanical Contractor	Coventry	RI
Delta Mechanical Contractors	Newport	RI
Dennis Pratt Plumbing & Heating	Harrisville	RI
Dillion Boiler Services	Lincoln	RI
Dimeo Construction	Providence	RI
Dirocco Plumbing and Heating Services LLC	Johnston	RI
Disciullo And Son Plumbing	Warwick	RI
DMV Industries	East Providence	RI
Donovan & Sons	S Attleboro	RI
DR Refrigeration Services	Providence	RI
Driver's Plumbing & Mechanical	Providence	RI
DSM Rebates OTV	Providence	RI
Dudek Oil	Warren	RI
Dupuis Oil Co	Pawtucket	RI
Dynamic Air Systems Inc	East Providence	RI
E Nunces Plmbg & Htng Installation	Riverside	RI
E.A. Marcoux & Son Inc	Woonsocket	RI
E2S Energy Efficiency Services, LLC	West Warwick	RI
Earthlight Technologies LLC	Cranston	RI
East Bay Air Systems	Riverside	RI
East Coast Plumbing LLC	Wakefield	RI
Eastern Electric	Exeter	RI
Eastern Refrigeration	Smithfield Crossing	RI
Ecologic Spray Foam Insulation	Tiverton	RI
Ed Sylvia Plumbing	Narragansett	RI
Eddys Weatherization	Providence	RI
Electrical Wholesalers Inc	North Kingstown	RI
Elite Heating & Cooling LLC	Pawtucket	RI
Emerald Reconstruction LLC	Johnston	RI
Emergency Response Plumbing Heating and Air Conditioning Inc	Warwick	RI
Emery HVAC	Mapleville	RI
Energy Conservation Inc	Wood River Junction	RI
Energy Efficient Exteriors	Pawtucket	RI
Energy Geeks	North Smithfield	RI
Energy Machinery Inc	Pawtucket	RI
Energy Management Collaborative LLC	Warwick	RI
Energy One	West Warwick	RI
Energy Source	Smithfield	RI
Engie Insight Services, Inc.	Westerly	RI
ESB HVAC	North Providence	RI

Evergreen Plg & Htg - Warwick	Warwick	RI
EW Energy Solutions	North Kingstown	RI
F W Webb Co - Warwick	Warwick	RI
F&S Electric	Bristol	RI
Falcone Plumbing and Heating	Westerly	RI
Feula Plumbing & Heating	Johnston	RI
Figlozzi Plg & Htg	Peacedale	RI
Fleetwash Inc	Warwick	RI
Flex Technology Park LLC	North Kingstown	RI
FM Bodington Plbg & Htg Inc	Little Compton	RI
Garden City Elementa	Cranston	RI
Gas Works	Westerly	RI
Gem Air Services	Providence	RI
Gem Plumbing & Heating Services, Inc.	Lincoln	RI
Global Sheetmetal Inc	Warwick	RI
Global Tech LLC	Pawtucket	RI
Gold Standard Plumbing	Coventry	RI
Goularts Petroleum	Compton	RI
Great North HVAC	Providence	RI
Green & Healthy Homes Ini	Providence	RI
Green System Consulting	North Kingstown	RI
Greenville Plg & Htg	Smithfield	RI
Greenwich Insulation	Coventry	RI
Greenwood Plumbing & Heating	Warwick	RI
Grenier & Sons Plumbing & HVAC LLC	Foster	RI
Hanlon Electric	West Greenwich	RI
Hans Handyman LLC	Foster	RI
Hart Engineering Corporation	North Kingstown	RI
Hawkes Plg & Htg Co Inc.	Fiskdale	RI
Heru HVAC LLC	Pawtucket	RI
High-Tech Engineering Inc	Hudson	RI
Holgate Plumbing and Heating	Tiverton	RI
Honeywell International Inc.	Smithfield	RI
Horizon Mechanical, LLC	Cranston	RI
Houle Plumbing & Heating	Greene	RI
Howards Heating	North Kingstown	RI
HSP Construction LLC	West Greenwich	RI
Husmann Corporation	Barrington	RI
Hydro Earth	Warwick	RI
Iasimone Plumbing & Heating	North Providence	RI
Inovis Energy Inc	West Warwick	RI
Installed Measures	Coventry	RI
Interstate Mechanical LLC	Johnston	RI
Island Carpentry Inc	Newport	RI

J & K Supplemental Plumbing In	East Greenwich	RI
J&E Comfort Air	Johnston	RI
J&L Heating and Air Conditioning	Pawtucket	RI
J.B. Cote Construction Inc.	Cumberland	RI
J/Z HVAC	Providence	RI
Jacobson Energy Research	Providence	RI
Jake Lavoie Plumbing and Heating LLC	Charlestown	RI
Jason Truppi Plumbing	North Providence	RI
Jenkins Construction Co	Middletown	RI
Jeo HVAC LLC	Smithfield	RI
Jim Steitz Plg & Htg	Greene	RI
JM HVAC	Pawtucket	RI
JMC Mechanical LLC	Slatersville	RI
JO Plumbing	Warwick	RI
Joaquin HVAC & Ref Inc	Portsmouth	RI
Johnston Electric	Fiskeville	RI
JPS	Middleton	RI
JR Professional Services	East Greenwich	RI
K & B Cooling & Heating	Lincoln	RI
K&R Heating and Cooling	Lincoln	RI
Kaeser Compressors Inc.	Cranston	RI
Kazounis Plumbing Heating	North Kingstown	RI
Kent County Mechanical	Warwick	RI
Kwik Plumbing & Heating	Johnston	RI
L & B Remodeling	North Providence	RI
L.T. Comfort LLC	Warwick	RI
Lamara & Sons	Greenville	RI
Lancellotta Plumbing & Drain Cleaning	North Scituate	RI
Liberty Plumbing & Heating	Jamestown	RI
Lighting Retrofit Services, Inc	Cranston	RI
Lincoln Sheet Metal Inc	Central Falls	RI
Litemor	Providence	RI
Lombardo Electric Co	Warren	RI
Lovewell Heating & Cooling	Westerly	RI
M Norberg Plumbing	North Scituate	RI
M&M Electric	Providence	RI
Main Street Plumbing LLC	Pawtucket	RI
Malony's Oil	Pawtucket	RI
Mario's HVAC Services LLC	Central Falls	RI
Martel Plumbing and Heating	Lincoln	RI
Mastro Electric Supply Co Inc.	Providence	RI
Matt Flush LLC	Greenville	RI
Matt's Mechanical	Smithfield	RI
McKee Bros Oil Corp	Cumberland	RI

MDH Plumbing & Heating LLC	Tiverton	RI
MD's Handi Services	Exeter	RI
Mechanical Republic LLC	Providence	RI
Melco Plumbing	Lincoln	RI
Mercury Tec Inc -E Providence	East Providence	RI
Michael Freitas Plg & Mech	Pascoag	RI
Micheletti Oil	Johnston	RI
Midstate Heating & Cooling	Hope Valley	RI
MJ Heating & A/C - Tiverton	Tiverton	RI
MO HVAC Service	Warwick	RI
Modern Mechanical LLC	Warwick	RI
Moldanado Construction, Inc.	Providence	RI
Moonworks	Woonsocket	RI
Motion	Lincoln	RI
MPG Mechanical	Charlestown	RI
MPH Global	Warwick	RI
Mr. Rooter	Warwick	RI
MTS Mechanical	East Providence	RI
Multitask Construction	Warren	RI
Mutual Engineering	Warwick	RI
N Francis Plumbing LLC	North Kingstown	RI
National Efficiency Supply (NES)	Lincoln	RI
National Refrigeration Inc	Warwick	RI
National Service Co	Warwick	RI
Navarro Construction LLC	Central Falls	RI
Netzero Insulation Technologies, Inc.	Warwick	RI
New England Boiler Works	West Greenwich	RI
Newbury Insulation	Woonsocket	RI
Newport Electric Construction	Bristol	RI
Nexgen Mechanical, Inc	North Kingstown	RI
Nexrev LLC	Warwick	RI
Nite Oil	Tiverton	RI
Northeast Coil, Inc.	Cumberland	RI
Northeast HVAC LLC	Westerly	RI
Oberon Initiatives Inc	Greenville	RI
Ocean State Group LLC	Providence	RI
Ocean State Weatherization	North Smithfield	RI
Oceanline Combustion	Pawtucket	RI
Oil Central Inc	Pawtucket	RI
One Utility LLC	Cranston	RI
Optima Technology	West Warwick	RI
Papas Plumbing	Johnston	RI
Pecchia Plumbing and Heating	Warwick	RI
Pelletier & Son Plumbing	North Kingston	RI

Peter Bibby Ponagansett LLC	Providence	RI
Petro Heating & AC Services	Warwick	RI
Phillips Plumbing & Mechanical	Cranston	RI
Phil's Heating & AC	Westerly	RI
Phoenix Plumbing LLC	Charlestown	RI
Pierce Plumbing and Heating LLC	Ashaway	RI
Polaris Plumbing and Heating Inc	North Kingstown	RI
Preferred Heat Inc	Providence	RI
Premier Heating and Air	Barrington	RI
Presto Plumber LLC	Westerly	RI
Pride Heating & Air Conditioning	Bristol	RI
Prime Heating	Cranston	RI
Prism Consulting Inc.	Providence	RI
Process Cooling Inc	Rumford	RI
Prospect Charter Care SJHSRI LLC	North Providence	RI
Prout Mechanical LLC	Providence	RI
Providence Mech Serv-Smithfield	Smithfield	RI
Quality Mechanical Services Inc	Exeter	RI
R Ariza Contractors LLC	Pawtucket	RI
R Distefano Heating & Cooling LLC	Warwick	RI
R&D HVAC And Refrigeration Service	North Kingstown	RI
R.B. Queern & Co Inc	Portsmouth	RI
R.E. Coogan Heating Inc	Warwick	RI
Ray Ciampanelli Plumbing & Heating Co	Peace Dale	RI
Reddy Piping Concepts Inc	Cranston	RI
Regan Heating and Air Conditioning	Providence	RI
Reichert And Sons	Chepachet	RI
Renaissance Sheet Metal LLC	North Kingstown	RI
Renewable Energy Solutions LLC	Warwick	RI
Restivos Heating & A/C	Johnston	RI
Retail Business Services, LLC	North Providence	RI
Rhode Island Builders Ass	East Providence	RI
Rhode Island Renovations LLC	Warwick	RI
RI Insulation	Hope	RI
RI Sheet Metal LLC	East Providence	RI
Rich Burns Plumbing & Heating	Portsmouth	RI
Rise Engineering	Cranston	RI
Rivera Renovation, Inc	Middletown	RI
Roberto Rodriguez Service LLC	Providence	RI
ROI Energy Investments LLC	Providence	RI
Rooter Man Plumbers	Johnston	RI
Rowlett & Son's HVAC	Cranston	RI
RSM	Johnston	RI
Rumford Mechanical Systems	Rumford	RI



Ryan Heating Cooling	Charlestown	RI
Sakonnet Plumbing & Heating	Little Compton	RI
Santoro Oil	Providence	RI
Schneider Electric	Providence	RI
Scituate HVAC LLC	North Scituate	RI
SDS Heating & Cooling	Coventry	RI
Sensible Heating & Air Conditioning LLC	Hope Valley	RI
Shane Sprague - Comfort	Coventry	RI
Sheahan Printing	Woonsocket	RI
Shearman Oil	Portsmouth	RI
Sherwood Enterprises	North Kingston	RI
Siemens Industry Inc.	Providence	RI
Simaan Contracting	Newport	RI
Size Construction	Cranston	RI
Skawski Heating & Cooling	Providence	RI
Sosa & Son Corp A/C Heating	Woonsocket	RI
South County Gas Services	Narragansett	RI
South County Mechanical Services Inc	Wyoming	RI
Stable, HVAC Mechanical Contractor	Pawtucket	RI
Standish Heating & Ac	Coventry	RI
Statewide Insulation	North Smithfield	RI
Statewide Plbg & Htg	Cranston	RI
Sterling Mechanical Services LLC	Coventry	RI
Suffolk Construction	Lincoln	RI
Sunrise Plumbing and Heating	Johnston	RI
Superior Comfort Inc	Bristol	RI
Superior Insulation LLC	Smithfield	RI
Superior Led Lighting LLC	Warwick	RI
SW & Sons Plumbing & Heating LLC	North Providence	RI
Sylvester Sheet Metal Inc	West Warwick	RI
T. Gomes Heating & Cooling	Warwick	RI
Temptec Mechanical	Providence	RI
The Affordable Plumber LLC	Pawtucket	RI
The Energy Efficiency Group	Providence	RI
The Healthy Home Shop	Portsmouth	RI
The Lab Insulation	Providence	RI
The Moore Company	Westerly	RI
The Plumber Company	Johnston	RI
The Plumbing Doctor	Charlestown	RI
The Pool Doctor of Rhode Islnd	Coventry	RI
The Pool Source	Cranston	RI
Thermal Energy	Cranston	RI
Theroux Properties, Inc.	West Greenwich	RI
Thomas Wojciehowski Master Plumber	Kingston	RI

Tim The Plumber	Bristol	RI
Tom Peters Plg & Htg	Portsmouth	RI
Tomas HVAC	Smithfield	RI
Tony Refrigeration LLC	Providence	RI
Tops Lighting (Electric Supply Company)	Providence	RI
Total Comfort Heating & Cooling	Cumberland	RI
Trade Posted	Coventry	RI
TRC Environmental Corp.	East Providence	RI
Tuma Insulation	Warwick	RI
Twins Plumbing & Heating	North Kingstown	RI
U.G. Nason's Inc	Middletown	RI
Ultimate Plumbing	Warwick	RI
Universal HVAC LLC	North Providence	RI
Uzzi Plumbing & Heating	Westerly	RI
Valcourt Heating Inc	Tiverton	RI
Valley Heating & Cooling	Wyoming	RI
Vaughn Oil	Smithfield	RI
Verdant Technologies	Providence	RI
Verizon Communications In	Providence	RI
Vermont Energy Investment Corporation	Lincoln	RI
Vicmir And Sons Inc	Riverside	RI
Vincent Heating & Air Inc	Coventry	RI
Vision Energy Solutions Inc.	Providence	RI
Vortechs HVAC Inc	Wakefield	RI
W Herb Plumbing	Harrisville	RI
W.W. Weatherization and Construction	Narragansett	RI
Wakefield Heating Service	Wakefield	RI
Wakefield Plumbing LLC	Middletown	RI
Weathertek Insulation	Greene	RI
Wesco Oil Company	Esmond	RI
Wickford App & Lghtng	Pawtucket	RI
William Harris HVAC Solutions	Barrington	RI
William J Riley Plumbing & Htg	Warwick	RI
Wood's Heating Service	East Providence	RI
Wordell Heating & Cooling LLC	Little Compton	RI
World Energy Efficiency Services LLC	Woonsocket	RI
Wright Comfort Solutions Inc	Coventry	RI
Wyman And Sons Electric	East Greenwich	RI
XPT Plumbing LLC	Exeter	RI
Xtremo HVAC LLC	Providence	RI
Zawadzki Plumbing & Heating Inc	Warwick	RI
Zeno Controls, LLC	Coventry	RI
Zincones HVAC	Warwick	RI
Zuri Construction LLC	Providence	RI

Cohen Ventures	Oakland	CA
eKings	Chatsworth	CA
Evercharge Inc	Palo Alto	CA
Frontier Energy Inc	Sacramento	CA
Voltus Inc	San Francisco	CA
Apex Analytics	Boulder	CO
Certified Brands	Wheat Ridge	CO
Oracle America Inc.	Colorado Springs	CO
Simple Energy Inc	Boulder	CO
Acme Plbg & Mech	North Stonington	CT
Ameritech Contracting Inc	Middletown	CT
Best Energy	Pawcatuck	CT
Budderfly Inc	Shelton	CT
BVH Integrated Services	Bloomfield	CT
Capitol Light	Hartford	CT
Ceil Plbg & Htg	Pawcatuck	CT
Duncklee Inc	Stonington	CT
Dynamic Building & Energy (Formerly Uplands Construction Group)	North Stonington	CT
EMCOR New England Mechanical Services	South Windsor	CT
JKMuir LLC	Rocky Hill	CT
Lantern Energy	Norwich	CT
McNeil Heating & Cooling	Pawcatuck	CT
R And R Mechanical HVAC	Griswold	CT
Sharpco Inc	North Grosvenordale	CT
Simmons HVAC	Pawcatuck	CT
Smart Thermal Solutions LLC	Pawcatuck	CT
South Shore Heating & Cooling, Inc	Pawcatuck	CT
Sustainable Ecovations	Middletown	CT
Wattsaver Lighting Products	East Hartford	CT
Williams & Associates	North Stonington	CT
Parker Davis HVAC International Inc	Doral	FL
Lighthouse Consulting Gro	Atlanta	GA
Ace Hardware	Oak Brook	IL
HH Associates Us Inc	Chicago	IL
Slipstream Group Inc	Chicago	IL
W.W. Grainger, Inc.	Lake Forest	IL
Alpine Home Air Products	Shepherdsville	KY
3 D Lighting	Franklin	MA
5C Energy	Attleboro	MA
Advanced Energy Services	Hopedale	MA
AES	Hudson	MA
AGS HVAC Services, LLC	Westport	MA
Air Masters HVAC Serv Of NE	Fall River	MA
Air Tight Insulation	New Bedford	MA

Allstate Plumbing and Heating Co	North Attleboro	MA
Alternative Weatherization	Fall River	MA
American Plant Maintenance	Woburn	MA
Andelman And Lelek Engine	Norwood	MA
Atlantic Electrical Distributors	Shrewsbury	MA
B & L Ductless	Swansea	MA
Baylies Insulation	Fall River	MA
Baystate Energy Reduction	Norwood	MA
BCS Efficient Cooling	Assonet	MA
BDL Plumbing & Heating	North Attleboro	MA
Bluemetal An Insight Comp	Watertown	MA
BNB HVAC	Billerica	MA
Boston Light Supply, Inc.	Lynn	MA
Briggs Mechanical	North Attleboro	MA
Bruin Corp	North Attleboro	MA
Building Science & Construction	Braintree	MA
Bulbs.com	Worcester	MA
BW Research Partnership	Wrentham	MA
C2S Energy	New Bedford	MA
Caliber Building and Remodeling	Sandwich	MA
Camara's HVAC Services, Inc.	Westport	MA
Clatyon St. Pierre Plmg & Htg	South Dartmouth	MA
CMA Heating & Air	North Dartmouth	MA
Coastal Energy Services	Swansea	MA
Columbus Energies Inc	Swansea	MA
Commonwealth Electrical	Worcester	MA
Complete Energy Services	Raynham	MA
Complete Recycling Solutions	Fall River	MA
Concord Electric Supply	Brockton	MA
Consortium For Energy Eff	Middleton	MA
Cotti-Johnson HVAC Inc	Taunton	MA
CPS Heating and Cooling	Westborough	MA
Dan The Super Contractor HVAC	Webster	MA
Dannys Daughter And Son	Millville	MA
Delta Electro Power Inc.	Haverhill	MA
Diamond HVAC	Westport	MA
DMI	Needham	MA
DNV Energy Insights USA	Medford	MA
Dodge Data & Analytics LLC	Bedford	MA
Dube's Plumbing	Blackstone	MA
DXS New England	Peabody	MA
E & V Oil Co Inc/Iron Man Htng	Swansea	MA
Ecoplus Recycling Services LLC	Foxborough	MA
Efficiency Forward Inc	Medford	MA

Efficient Buildings	Bridgewater	MA
Electric Supply Center	Burlington	MA
Elite Energy Services	Fall River	MA
Elite Heating & Air Conditioning	Swansea	MA
Elkus Manfredi Architects	Boston	MA
Energy Federation Inc	Westborough	MA
Energy Monster	Worcester	MA
Gaia Temperature Controls	Blackstone	MA
Gary Moreau Heating & Ac	Ludlow	MA
Granite City Electric	Quincy	MA
Graybar Electric Co.	Westwood	MA
H-I-M Mechanical Systems, Inc	Bridgewater	MA
HP Plumbing & Heating Srvc Inc	Mattapan	MA
Independent Electric Supply	Somerville	MA
Insulate 2 Save	Fall River	MA
Insulation & Energy Solutions	Holbrook	MA
Insulation R Us	Fall River	MA
Ion Lighting Distribution Inc.	West Springfield	MA
Ironman Heating & Cooling	Swansea	MA
J Sheet Metal And HVAC	New Bedford	MA
Kafin Oil Company Inc	Woonsocket	MA
KP Sullivan Heating LLC	Blackstone	MA
L.L. Mechanical Contracting	Mansfield	MA
Last Call Heating And AC	Middleboro	MA
Lawrence Air Systems Inc	Seekonk	MA
Lefevre Electric	Taunton	MA
Lexicon Energy Consulting	Concord	MA
M Sardinha & Sons Plmb & Htg	Fall River	MA
Machs Mechanical	Attleboro	MA
Marc's Sheet Metal, Inc.	Assonet	MA
Mazzarella Mechanical	Westport	MA
Mikes Heating & AC	Fall River	MA
MJ Electric & Refrigeration, Inc	Rehoboth	MA
Nesco (Needham Electric Supply)	Canton	MA
New England Energy Concepts	North Dighton	MA
New England Solar Hot Water Inc	Canton	MA
Northeast Electrical Distributors (NEEDCO)	Brockton	MA
Northeast Energy Efficien	Boston	MA
Northern Energy Services Inc.	Newton	MA
NRM	Canton	MA
Pacheco Plumbing & Heating	Fall River	MA
Plumbers Supply Company	New Bedford	MA
Precision Climate Control	Mansfield	MA
R&S Heating & AC	Assonet	MA

Rapid HVAC & Refrigeration	Seekonk	MA
Raymond D Melanson Electric and Safety Corp	Somerset	MA
Rebello Weatherization Inc	Swansea	MA
Rethinking Power Manageme	Boston	MA
Retrofit Insulation	Fall River	MA
Revise Energy	Haverhill	MA
Rexel Energy Solutions	Taunton	MA
Secure Energy Solutions	East Longmeadow	MA
Seekonk Supply Inc	Rehoboth	MA
Silvia Heating & Ac	Lakeville	MA
SMBLC LLC	Norwood	MA
Standard Electric	Wilmington	MA
Stateline Fuel & Burner Service Inc	Seekonk	MA
Steam Trap Systems	Newburyport	MA
Superior Energy Solutions, Inc.	Swansea	MA
Supply New England	Attleboro	MA
Synapse Energy Economics Inc.	Cambridge	MA
T&J Heating, Air Conditioning and Plumbing, Inc.	Bellingham	MA
Taylor Heating & A/C	Attleboro	MA
Thackaberry Heating & Cooling	Hopkinton	MA
The Brattle Group	Cambridge	MA
The Lighting Gallery	Taunton	MA
Thermo Solutions, Inc	Swansea	MA
Theroux Mechanical	S Attleboro	MA
TNZ Energy Consulting Inc	Stoughton	MA
Triangle Refrigeration	Fall River	MA
Uplight Inc	Somerville	MA
Utility Energy Inc	Fall River	MA
UTS Energy Engineering LLC	Quincy	MA
Vicor Corporation	Andover	MA
Victory Heating & AC Co	Bellingham	MA
Wattson Home Solutions	Worcester	MA
Wayne's Sheet Metal Inc	Rehoboth	MA
Enerwise Global Technolog	Baltimore	MD
Arca Recycling Inc	Edina	MN
Commercial Green Solutions LLC	Charlotte	NC
Cprime Inc	Cary	NC
Hallmann Sales , LLC	Graham	NC
KT&T Distributors	Nashua	NH
TBD Lighting LLC	Bedford	NH
The Granite Group - Concord	Concord	NH
Briteswitch LLC	Kingston	NJ
elgeo	Maplewood	NJ
Rayz Lighting Inc	Paterson	NJ

Absolute Plumbing	Albuquerque	NM
Atelier Ten USA LLC	New York	NY
Big Shine Worldwide Inc	Newburgh	NY
Customertimes Corp	New York	NY
Energyhub Inc	Brooklyn	NY
Eric Mower And Associates	Syracuse	NY
Fuseideas LLC	Buffalo	NY
Green Building Research Institute	New York	NY
Homeserve USA	New York	NY
Leak Finder Inc	Akron	OH
Questline Inc.	Dublin	OH
Building Performance Association	Pittsburgh	PA
CMC Energy Services Inc.	Fort Washington	PA
Constellation Energy	Philadelphia	PA
Verdant Environmental Tec	Montreal	QC
Clearesult Consulting Inc	Austin	TX
Dell Marketing LP.	Round Rock	TX
Lopez Negrete Communication	Houston	TX
Pinnacle Technical Resources Inc	Dallas	TX
Rexel/CLS	Dallas	TX
Coastal Lighting LLC	Chesapeake	VA
Leidos Engineering LLC	Reston	VA
Green Mountain Electric Supply	Colchester	VT
Optimal Energy Inc	Hinesburg	VT
Cadeo Group LLC	Seattle	WA
Anquil Environmental	Milwaukee	WI
Tetra Tech	Madison	WI

## Attachment 6

### 2021-2023 Performance Comparison



## 2021-2023 Three-Year Plan Comparison

The following tables compare planned to actual energy savings, benefits, implementation expenses, and performance incentives for the 2021-23 three-year planning cycle. 2021, 2022, and 2023 planned and actual values were sourced directly from the most up-to-date tables filed in dockets 5076, 5189, and 22-33-EE, respectively. Please see the table below for specific sources:

	<b>Planned</b>	<b>Actual</b>
2021 Electric, Docket 5076	<a href="#">The compliance filing provides an updated implementation budget for Year 1 (2021) and updated goals, targets, and proposed energy efficiency rates for Year 1</a>	<a href="#">RI Energy's Year-End Report with Confidential Vendor Schedules and Gas Overspend Memo</a>
2021 Gas, Docket 5076		
2022 Electric, Docket 5189	<a href="#">National Grid's Second Revised Updated Tables</a>	<a href="#">RI Energy's 2022 Year-End Report - Updated Electric and Gas Tables</a>
2022 Gas, Docket 5189		
2023 Electric. Docket 22-33-EE	<a href="#">Compliance Filing for Conversion of Electric Resistance Heating</a>	2023 Energy Efficiency Year-End Report (this filing), Attachments 1 and 2
2023 Gas. Docket 22-33-EE	<a href="#">Updated Compliance Filing</a>	

Comparison of 2021 Planned and Actual Electric Savings

Planned Program Name	Planned Annual MWh Savings	Actual Annual MWh Savings	Annual Achievement	Planned Lifetime MWh Savings	Actual Lifetime MWh Savings	Lifetime Achievement
Large Commercial New Construction	11,837	13,527	114.3%	189,441	203,780	107.6%
Large Commercial Retrofit	59,496	42,289	71.1%	744,562	450,665	60.5%
Small Business Direct Install	9,696	9,616	99.2%	105,134	118,133	112.4%
Single Family - Income Eligible Services	3,120	2,427	77.8%	36,909	21,505	58.3%
Income Eligible Multifamily	1,554	1,835	118.1%	22,545	24,838	110.2%
Residential New Construction	979	876	89.4%	18,088	16,495	91.2%
ENERGY STAR® HVAC	3,181	5,220	164.1%	51,309	87,424	170.4%
EnergyWise	2,841	4,425	155.7%	14,385	19,711	137.0%
EnergyWise Multifamily	1,240	1,494	120.5%	16,307	10,271	63.0%
Home Energy Reports	26,852	31,512	117.4%	26,852	31,512	117.4%
ENERGY STAR® Lighting	11,533	12,628	109.5%	26,801	26,542	99.0%
Residential Consumer Products	5,926	5,515	93.1%	38,130	35,916	94.2%
<b>C&amp;I</b>	<b>81,029</b>	<b>65,433</b>	<b>80.8%</b>	<b>1,039,136</b>	<b>772,578</b>	<b>74.3%</b>
<b>Income Eligible</b>	<b>4,674</b>	<b>4,262</b>	<b>91.2%</b>	<b>59,454</b>	<b>46,342</b>	<b>77.9%</b>
<b>Residential</b>	<b>52,553</b>	<b>61,670</b>	<b>117.3%</b>	<b>191,872</b>	<b>227,870</b>	<b>118.8%</b>
<b>Total</b>	<b>138,256</b>	<b>131,365</b>	<b>95.0%</b>	<b>1,290,462</b>	<b>1,046,790</b>	<b>81.1%</b>

Comparison of 2021 Planned and Actual Electric Benefits, Expenses, and Performance Incentives

Program Name	Planned Total Benefit	Actual Total Benefit	Actual / Planned Benefit	Planned Program Implementation Expenses	Actual Program Implementation Expenses	Actual / Planned Expenses	Planned Performance Incentive	Actual Performance Incentive	Actual / Planned Incentive
Residential New Construction	\$6,539.1	\$5,795.9	88.6%	\$1,611.3	\$1,137.8	70.6%			
ENERGY STAR® HVAC	\$13,306.5	\$27,203.7	204.4%	\$3,487.8	\$4,334.7	124.3%			
EnergyWise	\$31,315.6	\$52,288.6	167.0%	\$15,692.2	\$22,381.3	142.6%			
EnergyWise Multifamily	\$7,847.9	\$7,102.6	90.5%	\$2,804.3	\$1,335.5	47.6%			
Home Energy Reports	\$8,530.8	\$9,547.3	111.9%	\$2,641.7	\$2,374.9	89.9%			
ENERGY STAR® Lighting	\$14,018.2	\$12,529.2	89.4%	\$5,274.8	\$3,938.7	74.7%			
Residential Consumer Products	\$11,372.7	\$11,205.9	98.5%	\$2,681.2	\$2,535.1	94.5%			
Residential ConnectedSolutions	\$11,301.0	\$5,892.6	52.1%	\$1,920.5	\$611.5	31.8%			
Energy Efficiency Education Programs				\$40.0	\$40.0	100.1%			
Residential Pilots				\$0.0	\$0.0				
Community Based Initiatives - Residential				\$226.2	\$114.8	50.7%			
Comprehensive Marketing - Residential				\$332.7	\$264.1	79.4%			
Residential Workforce Development				\$0.0					
<b>Non-Income Eligible Residential</b>	<b>\$104,231.8</b>	<b>\$131,565.8</b>	<b>126.2%</b>	<b>\$36,712.7</b>	<b>\$39,068.3</b>	<b>106.4%</b>	<b>\$1,925.0</b>	<b>\$625.0</b>	<b>32.5%</b>
Single Family - Income Eligible Services	\$34,193.5	\$19,605.5	57.3%	\$12,846.1	\$8,393.9	65.3%			
Income Eligible Multifamily	\$6,861.6	\$5,011.5	73.0%	\$3,549.0	\$3,447.4	97.1%			
Income Eligible Workforce Development				\$0.0					
<b>Income Eligible Residential</b>	<b>\$41,055.1</b>	<b>\$24,616.9</b>	<b>60.0%</b>	<b>\$16,395.1</b>	<b>\$11,841.3</b>	<b>72.2%</b>	<b>\$1,100.0</b>	<b>\$0.0</b>	<b>0.0%</b>
Large Commercial New Construction	\$57,678.8	\$56,013.7	97.1%	\$8,188.2	\$8,293.7	101.3%			
Large Commercial Retrofit	\$327,029.8	\$203,066.8	62.1%	\$31,565.2	\$23,407.6	74.2%			
Small Business Direct Install	\$36,190.8	\$33,082.8	91.4%	\$8,883.6	\$7,483.2	84.2%			
Commercial ConnectedSolutions	\$29,465.0	\$29,076.6	98.7%	\$2,990.1	\$3,086.3	103.2%			
Commercial Pilots				\$0.0	\$0.0				
Community Based Initiatives - C&I				\$74.5	\$0.0	0.0%			
Finance Costs				\$5,000.0	\$0.0	0.0%			
Commercial Workforce Development				\$0.0					
<b>Commercial &amp; Industrial</b>	<b>\$450,364.4</b>	<b>\$321,239.7</b>	<b>71.3%</b>	<b>\$56,701.6</b>	<b>\$42,270.7</b>	<b>74.5%</b>	<b>\$2,475.0</b>	<b>\$3,554.6</b>	<b>143.6%</b>
OER				\$738.5	\$738.5				
EERMC				\$738.5	\$645.1				
<b>Regulatory</b>				<b>\$1,477.0</b>	<b>\$1,383.6</b>				
<b>TOTAL</b>	<b>\$895,651.3</b>	<b>\$477,422.5</b>	<b>80.2%</b>	<b>\$111,286.3</b>	<b>\$94,564.0</b>	<b>85.0%</b>	<b>\$5,500.0</b>	<b>\$4,179.6</b>	<b>76.0%</b>

Comparison of 2022 Planned and Actual Electric Savings

Planned Program Name	Planned Annual MWh Savings	Actual Annual MWh Savings	Annual Achievement	Planned Lifetime MWh Savings	Actual Lifetime MWh Savings	Lifetime Achievement
Large Commercial New Construction	12,589	7,065	56.1%	192,343	101,622	52.8%
Large Commercial Retrofit	41,132	43,442	105.6%	312,931	322,519	103.1%
Small Business Direct Install	9,976	7,042	70.6%	64,394	57,769	89.7%
Single Family - Income Eligible Services	3,314	2,388	72.1%	38,506	27,991	72.7%
Income Eligible Multifamily	1,538	1,419	92.3%	24,309	17,288	71.1%
Residential New Construction	867	448	51.7%	14,947	6,859	45.9%
ENERGY STAR® HVAC	4,620	6,583	142.5%	77,717	114,444	147.3%
EnergyWise	2,789	2,652	95.1%	13,472	12,683	94.1%
EnergyWise Multifamily	1,424	721	50.7%	20,783	3,442	16.6%
Home Energy Reports	26,852	30,814	114.8%	26,852	30,814	114.8%
Residential Consumer Products	6,885	2,461	35.7%	47,554	17,559	36.9%
<b>C&amp;I</b>	<b>63,696</b>	<b>57,550</b>	<b>90.3%</b>	<b>569,668</b>	<b>481,911</b>	<b>84.6%</b>
<b>Income Eligible</b>	<b>4,851</b>	<b>3,807</b>	<b>78.5%</b>	<b>62,816</b>	<b>45,279</b>	<b>72.1%</b>
<b>Residential</b>	<b>43,435</b>	<b>43,679</b>	<b>100.6%</b>	<b>201,325</b>	<b>185,799</b>	<b>92.3%</b>
<b>Total</b>	<b>111,983</b>	<b>105,036</b>	<b>93.8%</b>	<b>833,808</b>	<b>712,989</b>	<b>85.5%</b>

Comparison of 2022 Planned and Actual Electric Benefits, Expenses, and Performance Incentives

Program Name	Planned Total Benefit	Actual Total Benefit	Actual / Planned Benefit	Planned Program Implementation Expenses	Actual Program Implementation Expenses	Actual / Planned Expenses	Planned Performance Incentive	Actual Performance Incentive	Actual / Planned Incentive
Residential New Construction	\$4,232.1	\$2,025.2	47.9%	\$1,617.0	\$1,102.0	68.2%			
ENERGY STAR® HVAC	\$14,630.8	\$30,377.4	207.6%	\$4,684.4	\$4,326.1	92.4%			
EnergyWise	\$16,626.6	\$17,113.1	102.9%	\$15,557.0	\$14,357.5	92.3%			
EnergyWise Multifamily	\$6,189.9	\$1,783.9	28.8%	\$3,238.3	\$1,242.1	38.4%			
Home Energy Reports	\$5,401.4	\$6,198.3	114.8%	\$2,639.1	\$2,389.7	90.5%			
Residential Consumer Products	\$9,713.3	\$3,808.7	39.2%	\$2,796.0	\$1,890.9	67.6%			
Residential ConnectedSolutions	\$2,886.0	\$2,279.2	79.0%	\$1,822.6	\$1,490.0	81.8%			
Energy Efficiency Education Programs				\$0.0	\$0.0				
Residential Pilots				\$0.0	\$0.0				
Community Based Initiatives - Residential				\$255.1	\$0.0	0.0%			
Comprehensive Marketing - Residential				\$247.9	\$234.2	94.5%			
<b>Non-Income Eligible Residential</b>	<b>\$59,680.0</b>	<b>\$63,585.8</b>	<b>106.5%</b>	<b>\$32,857.4</b>	<b>\$27,032.6</b>	<b>82.3%</b>	<b>\$0.0</b>	<b>\$625.0</b>	
Single Family - Income Eligible Services	\$25,758.0	\$17,105.9	66.4%	\$13,275.3	\$10,208.0	76.9%			
Income Eligible Multifamily	\$8,368.1	\$3,072.8	36.7%	\$3,538.9	\$2,572.1	72.7%			
<b>Income Eligible Residential</b>	<b>\$34,126.2</b>	<b>\$20,178.7</b>	<b>59.1%</b>	<b>\$16,814.3</b>	<b>\$12,780.0</b>	<b>76.0%</b>	<b>\$0.0</b>	<b>-\$443.3</b>	
Large Commercial New Construction	\$34,249.9	\$18,231.3	53.2%	\$9,034.1	\$4,315.4	47.8%			
Large Commercial Retrofit	\$72,910.7	\$71,738.2	98.4%	\$25,010.5	\$18,559.0	74.2%			
Small Business Direct Install	\$12,596.2	\$10,007.0	79.4%	\$8,883.3	\$5,727.7	64.5%			
Commercial ConnectedSolutions	\$10,621.2	\$7,155.5	67.4%	\$4,393.6	\$4,704.9	107.1%			
Commercial Pilots				\$0.0	\$0.0				
Community Based Initiatives - C&I				\$85.0	\$8.8	10.3%			
Finance Costs				\$2,000.0	\$2,000.0	100.0%			
Commercial Workforce Development				\$157.5		0.0%			
<b>Commercial &amp; Industrial</b>	<b>\$130,378.0</b>	<b>\$107,132.0</b>	<b>82.2%</b>	<b>\$49,564.1</b>	<b>\$35,315.8</b>	<b>71.3%</b>	<b>\$3,390.2</b>	<b>\$2,866.6</b>	<b>84.6%</b>
OER				\$1,541.7	\$1,541.7	100.0%			
EERMC				\$766.2	\$406.8	53.1%			
Rhode Island Infrastructure Bank				\$3,737.5	\$3,735.0	99.9%			
Regulatory				\$6,045.4	\$5,683.5	94.0%			
<b>TOTAL</b>	<b>\$224,184.2</b>	<b>\$190,896.5</b>	<b>85.2%</b>	<b>\$105,281.1</b>	<b>\$80,811.9</b>	<b>76.8%</b>	<b>\$3,390.2</b>	<b>\$3,048.3</b>	<b>89.9%</b>

Comparison of 2023 Planned and Actual Electric Savings

Planned Program Name	Planned Annual MWh Savings	Actual Annual MWh Savings	Annual Achievement	Planned Lifetime MWh Savings	Actual Lifetime MWh Savings	Lifetime Achievement
Large Commercial New Construction	10,481	8,563	81.7%	157,598	126,976	80.6%
Large Commercial Retrofit	35,260	38,245	108.5%	244,962	259,740	106.0%
Small Business Direct Install	9,260	6,486	70.0%	57,778	47,842	82.8%
Single Family - Income Eligible Services	2,801	2,628	93.8%	28,796	34,471	119.7%
Income Eligible Multifamily	1,298	437	33.7%	17,632	6,629	37.6%
Residential New Construction	689	567	82.2%	13,144	10,324	78.5%
ENERGY STAR® HVAC	4,175	5,702	136.6%	71,055	98,697	138.9%
EnergyWise	3,147	2,386	75.8%	16,940	15,596	92.1%
EnergyWise Multifamily	680	323	47.6%	9,493	3,466	36.5%
Home Energy Reports	24,350	25,932	106.5%	24,350	25,932	106.5%
Residential Consumer Products	4,473	2,131	47.6%	31,684	15,024	47.4%
<b>C&amp;I</b>	<b>55,001</b>	<b>53,294</b>	<b>96.9%</b>	<b>460,338</b>	<b>434,558</b>	<b>94.4%</b>
<b>Income Eligible</b>	<b>4,099</b>	<b>3,065</b>	<b>74.8%</b>	<b>46,427</b>	<b>41,100</b>	<b>88.5%</b>
<b>Residential</b>	<b>37,513</b>	<b>37,041</b>	<b>98.7%</b>	<b>166,665</b>	<b>169,039</b>	<b>101.4%</b>
<b>Total</b>	<b>96,613</b>	<b>93,400</b>	<b>96.7%</b>	<b>673,430</b>	<b>644,697</b>	<b>95.7%</b>

Comparison of 2023 Planned and Actual Electric Benefits, Expenses, and Performance Incentives

Program Name	Planned Total Benefit	Actual Total Benefit	Actual / Planned Benefit	Planned Program Implementation Expenses	Actual Program Implementation Expenses	Actual / Planned Expenses	Planned Performance Incentive	Actual Performance Incentive	Actual / Planned Incentive
Residential New Construction	\$4,003.5	\$3,066.9	76.6%	\$1,592.0	\$1,005.5	63.2%			
ENERGY STAR® HVAC	\$21,708.5	\$16,911.7	77.9%	\$5,340.8	\$5,181.5	97.0%			
EnergyWise	\$20,158.4	\$18,085.9	89.7%	\$15,585.3	\$15,666.8	100.5%			
EnergyWise Multifamily	\$3,295.9	\$979.6	29.7%	\$1,341.2	\$845.7	63.1%			
Home Energy Reports	\$5,862.7	\$6,185.2	105.5%	\$2,145.8	\$2,285.6	106.5%			
Residential Consumer Products	\$7,261.1	\$3,576.2	49.3%	\$2,489.1	\$1,813.6	72.9%			
Residential ConnectedSolutions	\$3,148.1	\$2,699.4	85.7%	\$1,963.1	\$3,326.0	169.4%			
Residential Pilots				\$0.0	\$0.0				
Community Based Initiatives - Residential				\$280.6	\$0.0	0.0%			
Comprehensive Marketing - Residential				\$310.5	\$337.4	108.7%			
Residential Workforce Development				\$0.0	\$0.0				
<b>Non-Income Eligible Residential</b>	<b>\$65,438.1</b>	<b>\$51,504.9</b>	<b>78.7%</b>	<b>\$31,048.3</b>	<b>\$30,462.1</b>	<b>98.1%</b>	<b>\$658.3</b>	<b>\$193.0</b>	<b>29.3%</b>
Single Family - Income Eligible Services	\$21,877.2	\$19,475.9	89.0%	\$13,141.5	\$13,124.8	99.9%			
Income Eligible Multifamily	\$4,236.2	\$1,339.0	31.6%	\$3,335.8	\$1,713.5	51.4%			
<b>Income Eligible Residential</b>	<b>\$26,113.4</b>	<b>\$20,814.9</b>	<b>79.7%</b>	<b>\$16,477.3</b>	<b>\$14,838.3</b>	<b>90.1%</b>	<b>\$0.0</b>	<b>-\$42.0</b>	
Large Commercial New Construction	\$31,314.7	\$23,526.6	75.1%	\$8,269.2	\$6,967.1	84.3%			
Large Commercial Retrofit	\$63,222.6	\$64,060.9	101.3%	\$22,176.2	\$26,783.2	120.8%			
Small Business Direct Install	\$9,309.2	\$9,790.1	105.2%	\$7,552.2	\$5,402.3	71.5%			
Commercial ConnectedSolutions	\$12,784.5	\$10,188.2	79.7%	\$5,666.8	\$5,626.3	99.3%			
Commercial Pilots				\$0.0	\$0.0				
Community Based Initiatives - C&I				\$93.5	\$14.0	15.0%			
Finance Costs				\$2,000.0	\$2,000.0	100.0%			
Commercial Workforce Development				\$157.5	\$9.3	5.9%			
<b>Commercial &amp; Industrial</b>	<b>\$116,631.0</b>	<b>\$107,565.8</b>	<b>92.2%</b>	<b>\$45,915.5</b>	<b>\$46,802.3</b>	<b>101.9%</b>	<b>\$2,700.8</b>	<b>\$2,279.3</b>	<b>84.4%</b>
OER				\$891.4	\$574.5	64.4%			
EERMC				\$594.3	\$891.4	150.0%			
Electric Resistance to Heat Pump Conversions				\$409.3	\$409.3	100.0%			
Rhode Island Infrastructure Bank				\$3,737.5	\$3,737.5	100.0%			
<b>Regulatory</b>				<b>\$5,632.4</b>	<b>\$5,612.6</b>	<b>99.6%</b>	<b>\$0.0</b>	<b>\$0.0</b>	
<b>TOTAL</b>	<b>\$208,182.6</b>	<b>\$179,885.6</b>	<b>86.4%</b>	<b>\$99,073.5</b>	<b>\$97,715.3</b>	<b>98.6%</b>	<b>\$3,359.2</b>	<b>\$2,430.3</b>	<b>72.3%</b>

Comparison of 2021 Planned and Actual Gas Savings

Planned Program Name	Planned Annual MMBtu Savings	Actual Annual MMBtu Savings	Annual Achievement	Planned Lifetime MMBtu Savings	Actual Lifetime MMBtu Savings	Lifetime Achievement
Large Commercial New Construction	27,631	50,025	181.0%	437,398	692,613	158.3%
Large Commercial Retrofit	187,283	76,159	40.7%	1,455,776	717,900	49.3%
Small Business Direct Install	4,886	5,949	121.7%	48,861	64,537	132.1%
Commercial & Industrial Multifamily	9,444	3,836	40.6%	141,869	57,807	40.7%
Single Family - Income Eligible Services	10,055	6,635	66.0%	201,104	132,704	66.0%
Income Eligible Multifamily	14,399	11,810	82.0%	315,545	198,615	62.9%
EnergyWise	20,869	34,139	163.6%	476,550	786,836	165.1%
Energy Star® HVAC	38,345	29,363	76.6%	667,485	514,514	77.1%
EnergyWise Multifamily	8,633	7,567	87.7%	148,675	152,194	102.4%
Home Energy Reports	93,548	88,173	94.3%	93,548	88,173	94.3%
Residential New Construction	4,445	2,769	62.3%	85,272	48,111	56.4%
<b>C&amp;I</b>	<b>229,243</b>	<b>135,968</b>	<b>59.3%</b>	<b>2,083,905</b>	<b>1,532,857</b>	<b>73.6%</b>
<b>Income Eligible</b>	<b>24,454</b>	<b>18,445</b>	<b>75.4%</b>	<b>516,649</b>	<b>331,319</b>	<b>64.1%</b>
<b>Residential</b>	<b>165,840</b>	<b>162,011</b>	<b>97.7%</b>	<b>1,471,530</b>	<b>1,589,829</b>	<b>108.0%</b>
<b>Total</b>	<b>419,537</b>	<b>316,424</b>	<b>75.4%</b>	<b>4,072,084</b>	<b>3,454,006</b>	<b>84.8%</b>



Comparison of 2021 Planned and Actual Gas Benefits, Expenses, and Performance Incentives

Program Name	Planned Total Benefit	Actual Total Benefit	Actual / Planned Benefit	Planned Program Implementation Expenses	Actual Program Implementation Expenses	Actual / Planned Expenses	Planned Performance Incentive	Actual Performance Incentive	Actual / Planned Incentive
Energy Star® HVAC	\$13,615.7	\$10,421.1	76.5%	\$3,673.0	\$2,635.3	71.7%			
EnergyWise	\$18,350.6	\$34,335.0	187.1%	\$8,117.6	\$16,227.2	199.9%			
EnergyWise MultiFamily	\$8,630.2	\$7,715.1	89.4%	\$1,491.6	\$1,608.2	107.8%			
Home Energy Reports	\$1,825.1	\$1,624.6	89.0%	\$450.9	\$400.3	88.8%			
Residential New Construction	\$1,378.3	\$829.8	60.2%	\$674.8	\$397.6	58.9%			
Comprehensive Marketing - Residential				\$64.8	\$73.7	113.8%			
Community Based Initiatives - Residential				\$75.8	\$38.2	50.3%			
Residential Workforce Development				\$0.0					
<b>Non-Income Eligible Residential</b>	<b>\$0.0</b>	<b>\$54,925.5</b>		<b>\$0.0</b>	<b>\$21,380.5</b>		<b>\$0.0</b>	<b>\$0.0</b>	
Single Family - Income Eligible Services	\$17,598.3	\$11,757.0	66.8%	\$5,952.3	\$3,956.4	66.5%			
Income Eligible Multifamily	\$12,749.9	\$9,936.3	77.9%	\$3,009.4	\$2,764.6	91.9%			
Income Eligible Workforce Development				\$0.0					
<b>Income Eligible Residential</b>	<b>\$0.0</b>	<b>\$21,693.3</b>		<b>\$0.0</b>	<b>\$6,721.0</b>		<b>\$0.0</b>	<b>\$0.0</b>	
Large Commercial New Construction	\$12,422.2	\$21,921.0	176.5%	\$2,634.2	\$2,569.7	97.6%			
Large Commercial Retrofit	\$44,777.8	\$17,587.3	39.3%	\$5,054.1	\$3,278.1	64.9%			
Small Business Direct Install	\$1,539.9	\$1,779.1	115.5%	\$332.7	\$158.7	47.7%			
Commercial & Industrial Multifamily	\$4,922.8	\$2,418.3	49.1%	\$953.2	\$951.4	99.8%			
Commercial Pilots				\$215.8	\$105.5	48.9%			
Community Based Initiatives - C&I				\$24.8	\$0.0	0.0%			
Finance Costs				\$0.0	\$0.0				
Commercial Workforce Development				\$0.0					
<b>Large Commercial &amp; Industrial</b>	<b>\$0.0</b>	<b>\$43,705.7</b>		<b>\$0.0</b>	<b>\$7,063.4</b>		<b>\$0.0</b>	<b>\$996.1</b>	
EERMC				\$275.1	\$240.3	87.4%			
OER				\$275.1	\$275.1	100.0%			
<b>Regulatory</b>				<b>\$0.0</b>	<b>\$515.3</b>				
<b>Grand Total</b>	<b>\$137,810.7</b>	<b>\$120,324.5</b>	<b>87.3%</b>	<b>\$33,275.2</b>	<b>\$35,680.2</b>	<b>107.2%</b>	<b>\$1,700.0</b>	<b>\$996.1</b>	<b>58.6%</b>

**Comparison of 2022 Planned and Actual Gas Savings**

<b>Planned Program Name</b>	<b>Planned Annual MMBtu Savings</b>	<b>Actual Annual MMBtu Savings</b>	<b>Annual Achievement</b>	<b>Planned Lifetime MMBtu Savings</b>	<b>Actual Lifetime MMBtu Savings</b>	<b>Lifetime Achievement</b>
Large Commercial New Construction	52,956	44,398	83.8%	788,763	581,376	73.7%
Large Commercial Retrofit	142,888	146,383	102.4%	1,332,508	1,374,881	103.2%
Small Business Direct Install	6,113	4,311	70.5%	91,700	78,956	86.1%
Commercial & Industrial Multifamily	8,803	2,771	31.5%	131,220	59,175	45.1%
Single Family - Income Eligible Services	10,942	6,481	59.2%	218,847	129,628	59.2%
Income Eligible Multifamily	14,700	9,525	64.8%	273,085	235,706	86.3%
Energy Star® HVAC	26,740	24,189	90.5%	439,717	391,435	89.0%
EnergyWise	20,850	22,391	107.4%	478,550	526,451	110.0%
EnergyWise Multifamily	8,279	2,373	28.7%	147,064	52,679	35.8%
Home Energy Reports	93,548	115,975	124.0%	93,548	115,975	124.0%
Residential New Construction	3,610	4,764	132.0%	64,899	96,022	148.0%
<b>C&amp;I</b>	<b>210,760</b>	<b>197,863</b>	<b>93.9%</b>	<b>2,344,192</b>	<b>2,094,388</b>	<b>89.3%</b>
<b>Income Eligible</b>	<b>25,642</b>	<b>16,006</b>	<b>62.4%</b>	<b>491,932</b>	<b>365,334</b>	<b>74.3%</b>
<b>Residential</b>	<b>153,027</b>	<b>169,692</b>	<b>110.9%</b>	<b>1,223,778</b>	<b>1,182,562</b>	<b>96.6%</b>
<b>Total</b>	<b>389,430</b>	<b>383,562</b>	<b>98.5%</b>	<b>4,059,902</b>	<b>3,642,284</b>	<b>89.7%</b>

Comparison of 2022 Planned and Actual Gas Benefits, Expenses, and Performance Incentives

Program Name	Planned Total Benefit	Actual Total Benefit	Actual / Planned Benefit	Planned Program Implementation Expenses	Actual Program Implementation Expenses	Actual / Planned Expenses	Planned Performance Incentive	Actual Performance Incentive	Actual / Planned Incentive
Energy Star® HVAC	\$7,646.0	\$6,536.6	85.5%	\$3,732.5	\$2,453.2	65.7%			
EnergyWise	\$10,489.0	\$19,176.3	182.8%	\$8,645.9	\$9,083.4	105.1%			
EnergyWise MultiFamily	\$6,317.2	\$2,285.9	36.2%	\$1,489.2	\$547.6	36.8%			
Home Energy Reports	\$1,712.1	\$2,114.3	123.5%	\$441.8	\$379.4	85.9%			
Residential New Construction	\$1,550.7	\$3,148.0	203.0%	\$513.2	\$591.8	115.3%			
Comprehensive Marketing - Residential				\$68.0	\$0.0	0.0%			
Community Based Initiatives - Residential				\$85.0	\$73.0	85.9%			
<b>Non-Income Eligible Residential</b>	<b>\$27,715.0</b>	<b>\$33,261.1</b>	<b>120.0%</b>	<b>\$14,975.5</b>	<b>\$13,128.4</b>	<b>87.7%</b>	<b>\$0.0</b>	<b>-\$49.1</b>	
Single Family - Income Eligible Services	\$12,986.8	\$7,679.7	59.1%	\$6,371.8	\$4,497.5	70.6%			
Income Eligible Multifamily	\$17,620.5	\$5,471.6	31.1%	\$2,948.9	\$3,085.7	104.6%			
<b>Income Eligible Residential</b>	<b>\$30,607.3</b>	<b>\$13,151.3</b>	<b>43.0%</b>	<b>\$9,320.7</b>	<b>\$7,583.3</b>	<b>81.4%</b>	<b>\$0.0</b>	<b>-\$171.3</b>	
Large Commercial New Construction	\$18,944.5	\$22,571.8	119.1%	\$3,186.6	\$2,677.1	84.0%			
Large Commercial Retrofit	\$38,996.5	\$39,284.2	100.7%	\$4,696.3	\$4,919.4	104.8%			
Small Business Direct Install	\$1,686.1	\$1,140.9	67.7%	\$355.9	\$418.9	117.7%			
Commercial & Industrial Multifamily	\$6,099.2	\$864.7	14.2%	\$957.3	\$490.8	51.3%			
Commercial Pilots				\$215.8	\$67.2	31.1%			
Community Based Initiatives - C&I				\$28.3	\$2.9	10.1%			
Finance Costs				\$0.0	\$0.0				
Commercial Workforce Development				\$67.5		0.0%			
<b>Large Commercial &amp; Industrial</b>	<b>\$65,726.4</b>	<b>\$63,861.5</b>	<b>97.2%</b>	<b>\$9,507.6</b>	<b>\$8,576.2</b>	<b>90.2%</b>	<b>\$1,000.0</b>	<b>\$717.4</b>	<b>71.7%</b>
EERMC				\$259.5	\$124.0	47.8%			
OER				\$755.6	\$755.6	100.0%			
Rhode Island Infrastructure Bank				\$1,262.5	\$1,265.0	100.2%			
<b>Regulatory</b>				<b>\$2,277.6</b>	<b>\$2,144.6</b>	<b>94.2%</b>			
<b>Grand Total</b>	<b>\$124,048.7</b>	<b>\$110,273.9</b>	<b>88.9%</b>	<b>\$36,081.5</b>	<b>\$31,432.5</b>	<b>87.1%</b>	<b>\$1,000.0</b>	<b>\$497.0</b>	<b>49.7%</b>

**Comparison of 2023 Planned and Actual Gas Savings**

<b>Planned Program Name</b>	<b>Planned Annual MMBtu Savings</b>	<b>Actual Annual MMBtu Savings</b>	<b>Annual Achievement</b>	<b>Planned Lifetime MMBtu Savings</b>	<b>Actual Lifetime MMBtu Savings</b>	<b>Lifetime Achievement</b>
Large Commercial New Construction	48,823	52,727	108.0%	716,705	689,301	96.2%
Large Commercial Retrofit	94,766	64,208	67.8%	1,016,519	691,972	68.1%
Small Business Direct Install	9,723	8,271	85.1%	130,193	82,957	63.7%
Commercial & Industrial Multifamily	4,249	2,871	67.6%	64,645	68,959	106.7%
Single Family - Income Eligible Services	8,230	6,298	76.5%	169,180	127,822	75.6%
Income Eligible Multifamily	11,075	8,031	72.5%	172,464	194,929	113.0%
Energy Star® HVAC	27,030	20,995	77.7%	517,571	433,147	83.7%
EnergyWise	20,697	23,167	111.9%	490,013	524,666	107.1%
EnergyWise Multifamily	5,358	1,254	23.4%	110,428	27,725	25.1%
Home Energy Reports	91,640	106,308	116.0%	91,640	106,308	116.0%
Residential New Construction	3,287	3,243	98.7%	58,476	57,303	98.0%
<b>C&amp;I</b>	<b>157,561</b>	<b>128,077</b>	<b>81.3%</b>	<b>1,928,063</b>	<b>1,533,189</b>	<b>79.5%</b>
<b>Income Eligible</b>	<b>19,305</b>	<b>14,328</b>	<b>74.2%</b>	<b>341,644</b>	<b>322,751</b>	<b>94.5%</b>
<b>Residential</b>	<b>148,013</b>	<b>154,966</b>	<b>104.7%</b>	<b>1,268,128</b>	<b>1,149,149</b>	<b>90.6%</b>
<b>Total</b>	<b>324,879</b>	<b>297,371</b>	<b>91.5%</b>	<b>3,537,835</b>	<b>3,005,089</b>	<b>84.9%</b>

Comparison of 2023 Planned and Actual Gas Benefits, Expenses, and Performance Incentives

Program Name	Planned Total Benefit	Actual Total Benefit	Actual / Planned Benefit	Planned Program Implementation Expenses	Actual Program Implementation Expenses	Actual / Planned Expenses	Planned Performance Incentive	Actual Performance Incentive	Actual / Planned Incentive
Energy Star® HVAC	\$10,389.4	\$6,869.5	66.1%	\$3,586.9	\$2,881.2	80.3%			
EnergyWise	\$10,970.1	\$11,555.2	105.3%	\$9,873.1	\$7,822.9	79.2%			
EnergyWise MultiFamily	\$5,172.4	\$1,783.9	34.5%	\$1,485.4	\$439.6	29.6%			
Home Energy Reports	\$1,701.9	\$1,974.3	116.0%	\$360.5	\$378.5	105.0%			
Residential New Construction	\$1,400.9	\$1,607.9	114.8%	\$621.5	\$737.7	118.7%			
Comprehensive Marketing - Residential				\$69.1	\$71.6	103.6%			
Community Based Initiatives - Residential				\$93.5	\$0.0	0.0%			
Residential Pilots				\$0.0	\$0.0				
Residential Workforce Development				\$0.0	\$0.0				
<b>Non-Income Eligible Residential</b>	<b>\$29,634.7</b>	<b>\$23,790.8</b>	<b>80.3%</b>	<b>\$16,090.0</b>	<b>\$12,331.5</b>	<b>76.6%</b>	<b>\$0.0</b>	<b>-\$173.2</b>	
Single Family - Income Eligible Services	\$10,138.9	\$8,036.1	79.3%	\$5,429.0	\$4,439.4	81.8%			
Income Eligible Multifamily	\$9,807.3	\$4,693.8	47.9%	\$3,215.4	\$2,916.3	90.7%			
<b>Income Eligible Residential</b>	<b>\$19,946.2</b>	<b>\$12,729.9</b>	<b>63.8%</b>	<b>\$8,644.4</b>	<b>\$7,355.8</b>	<b>85.1%</b>	<b>\$0.0</b>	<b>-\$43.7</b>	
Large Commercial New Construction	\$17,538.9	\$29,060.5	165.7%	\$2,818.7	\$3,912.5	138.8%			
Large Commercial Retrofit	\$16,873.4	\$11,132.9	66.0%	\$4,639.6	\$2,658.4	57.3%			
Small Business Direct Install	\$2,372.2	\$2,248.7	94.8%	\$689.8	\$308.3	44.7%			
Commercial & Industrial Multifamily	\$5,917.1	\$1,015.2	17.2%	\$891.2	\$682.0	76.5%			
Commercial Pilots				\$12.4	\$64.1	516.4%			
Community Based Initiatives - C&I				\$31.2	\$7.8	25.1%			
Finance Costs				\$0.0	\$0.0				
Commercial Workforce Development				\$67.5	\$3.6	5.3%			
<b>Large Commercial &amp; Industrial</b>	<b>\$42,701.7</b>	<b>\$43,457.4</b>	<b>101.8%</b>	<b>\$9,150.4</b>	<b>\$7,636.9</b>	<b>83.5%</b>	<b>\$792.0</b>	<b>\$614.7</b>	<b>77.6%</b>
EERMC				\$396.9	\$383.7	96.7%			
OER				\$595.3	\$595.3	100.0%			
Rhode Island Infrastructure Bank				\$1,262.5	\$1,262.5	100.0%			
<b>Regulatory</b>				<b>\$2,254.7</b>	<b>\$2,241.5</b>	<b>99.4%</b>			
<b>Grand Total</b>	<b>\$92,282.6</b>	<b>\$79,978.1</b>	<b>86.7%</b>	<b>\$36,139.5</b>	<b>\$29,565.6</b>	<b>81.8%</b>	<b>\$792.0</b>	<b>\$397.8</b>	<b>50.2%</b>