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September 15, 2023

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 – The Narragansett Electric Company’s d/b/a
Rhode Island Energy’s Annual Energy Efficiency Plan for 2023
Compliance Filing for Conversion of Electric Resistance Heating**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed, please find the compliance filing in the above-referenced docket related to the conversion of electric resistance heating to air source heat pumps. The enclosed compliance filing includes updated Tables E-1 through E-10 incorporating the proposed plan as described below.

On February 24, 2023, the Company filed its plan for the acceleration of electric resistance heating to air source heat pump conversions for income eligible customers. The plan was provided in accordance with the directive issued by the Public Utilities Commission (“PUC”) at an Open Meeting that occurred on December 20, 2022. Since the February filing, the Company has been executing the plan.

Thank you for your attention to this filing. If you have any questions, please contact me at 401-784-4263.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew S. Marcaccio".

Andrew S. Marcaccio

Enclosures

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

Table E-1
Rhode Island Energy
Electric DSM Funding Sources in 2023 by Sector
\$(000)

| | Projections by Sector | | | | Total | Q1 Fund Balance Credit (Jan-Mar) | Funding Needed (Jan-Mar) | Funding Needed (Apr-Dec) |
|---|-----------------------------|---------------------------------|-------------------------|--|---------------|----------------------------------|--------------------------|--------------------------|
| | Income Eligible Residential | Non-Income Eligible Residential | Commercial & Industrial | | | | | |
| (1) Projected Budget (from E-2): | \$16,663.9 | \$33,946.6 | \$51,822.1 | | \$102,432.6 | | | |
| (1a) Authorized Recovery of \$95M Implementation Budget Plus Performance Incentive | \$16,001.2 | \$32,596.7 | \$49,761.3 | | \$98,359.2 | | | |
| Sources of Other Funding: | | | | | | | | |
| (2) Projected DSM Commitments at Year-End 2022: | \$0.0 | \$0.0 | \$0.0 | | \$0.0 | | | |
| (3) Projected Year-End 2022 Fund Balance and Interest, Less Prior Years' Investigation Credit: | (\$61.2) | \$1,302.9 | \$35,649.7 | | \$36,891.4 | | | |
| (4) Prior Years' Investigation Credit: | \$61.2 | \$691.2 | \$1,107.1 | | \$1,859.5 | | | |
| (5) Projected FCM Net Revenue from ISO-NE: | \$335.4 | \$4,027.1 | \$5,763.2 | | \$10,125.7 | | | |
| (6) Total Other Funding: | \$335.4 | \$6,021.2 | \$42,520.1 | | \$48,876.6 | | | |
| Q1 Credited Fund Balance | | | | | (\$20,000.0) | \$20,000.0 | | |
| (7) Funding Needed from Program Charge Collections | \$15,665.8 | \$26,575.5 | \$7,241.2 | | \$49,482.6 | | (\$2,470.1) | \$51,952.7 |
| (8) Forecasted kWh Sales: | 242,679,671 | 2,913,872,824 | 4,170,068,344 | | 7,326,620,839 | | 1,822,643,991,425 | 5,503,976,847,707 |
| (9) Energy Efficiency Program Charge per kWh, Excluding Uncollectible Recovery: | | | | | | | (\$0.00136) | \$0.00944 |
| (10) SRP Opex Factor per kWh, Excluding Uncollectible Recovery: | | | | | \$0.00000 | | | |
| (11) Proposed Energy Efficiency Charge per kWh, Excluding Uncollectible Recovery: | | | | | | | (\$0.00136) | \$0.00944 |
| (12) Currently Effective Uncollectible Rate | | | | | 1.30% | | | |
| (13) Approved (Q1) & Proposed (Q2-Q4) Energy Efficiency Program Charge per kWh, Including Uncollectible Recovery: | | | | | | | (\$0.00137) | \$0.00956 |
| (14) Currently Effective Energy Efficiency Program Charge per kWh | | | | | \$0.01222 | | | |
| (15) Approved (Q1) & Proposed (Q2-Q4) Adjustment to Reflect Fully Reconciling Funding Mechanism | | | | | | | (\$0.01359) | \$0.01093 |

Notes:
This fund balance includes actuals as of November 2022.
The added row titled "Prior Years Investigation Credit" does not influence final numbers in this table since it is a sub-set of the "Projected Year-End 2022 Fund Balance and Interest." It is being added just to aid in review per the request of PUC and Division counsel.

- (1) Projected Budget from E-2 includes OER and EERMC costs allocated to each sector based on forecasted sales.
- (1a) Authorized Recovery allocated based on sector share of total Projected Budget on Line (1)
- (2) DSM Commitments are projects that are under construction with anticipated completion in 2023.

(3) Fund balance projections include projected revenue and spend through year end with Income Eligible sector set to \$0 through projected subsidization from other sectors, minus commitments which are illustrated separately on line (2). The fund balance includes \$5,000,000 representing 2021 regulatory funds that were initially allocated to the Rhode Island Infrastructure Bank (RIIB) for program year 2021 but were not transferred to RIIB. The fund balance also accounts for a transfer of \$5,000,000 to RIIB, approved in the 2022 Annual Plan, to be made in 2022. Note that these 2022 statutory funds have not yet been transferred to RIIB, however RIIB has requested the funds and the Company anticipates transferring these funds in accordance with RI Gen. Laws § 39-2-1.2(n) prior to December 31, 2022.

(4) The fund balance includes a \$1,859,499 credit from shareholder funds, with interest, to the fund balance which the Company made in January, May, and June, 2022 based on the Company's involvement in Docket 22-05-EE. The change in performance incentive (PI) was determined by recalculating each year's PI with the savings and spend from the applications in question, recast into the corrected year. This was done in January for Electric (2016-2020) and in May for Electric and Gas (2012-2020). The May calculation was aggregated and then split between Electric and Gas based on the actual Electric (75.62%) and Gas (24.38%) spending splits during the 2012 - 2020 period. For both calculations, monthly compounding interest was applied through 2022, based on the appropriate Electric and Gas interest rates. These credits were then booked in SAP at the time they were calculated (January, May, June), and reflected in the Electric and Gas Fund Balances accordingly.

| Credit Description | CALENDAR YEAR | | | | | | | | | ALLOCATION | | |
|----------------------------------|---------------|-----------|------|-----------|-----------|------------|-----------|------------|-----------|--------------------|--------------------|------------------|
| | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | TOTAL | ELECTRIC | GAS |
| PI Overage (Jan Calc) | | | | | (\$880) | (\$49,900) | \$68,627 | \$43,583 | \$62,705 | \$124,135 | \$124,135 | |
| Interest On Overage (Jan Calc) | | | | | (\$98) | (\$4,382) | \$4,639 | \$1,909 | \$1,117 | \$3,185 | \$3,185 | |
| Additional PI Overage (May Calc) | \$15,360 | \$291,189 | | \$175,547 | \$752,661 | \$527,388 | \$243,408 | (\$43,583) | \$108,234 | \$2,070,204 | \$1,565,443 | \$504,762 |
| Interest On Overage (June Calc) | \$2,911 | \$47,886 | | \$22,560 | \$85,010 | \$48,522 | \$17,446 | (\$2,063) | \$2,440 | \$224,711 | \$166,736 | \$57,975 |
| TOTAL | | | | | | | | | | \$2,422,235 | \$1,859,499 | \$562,736 |

- (5) The total projection of FCM revenue is allocated by kWh sales to each sector.
- (6) Line (2) + Line (3) + Line (4) + Line (5)
- (7) Line (1a) - Line (6)
Customer Funding Required (Jan-Mar) = [Total Customer Funding, less Q1 Fund Balance Credit (Jan-Mar) - Total Forecasted kWh Sales (Jan-Dec), including Uncollectible Recovery] - [Q1 Fund Balance Credit (Jan-Mar) - Forecasted kWh Sales (Jan-Mar), excluding Uncollectible Recovery] × Total Forecasted kWh Sales (Jan-Mar), excluding Uncollectible Recovery
Customer Funding Required (Apr-Dec) = Total Customer Funding - Customer Funding Required (Jan-Mar)
- (8) Per Company Forecast
- (9) Line (7) + Line (8)
Approved (Q1) Energy Efficiency (Jan-Mar) = [Total Customer Funding, less Q1 Fund Balance Credit (Jan-Mar) - Total Forecasted kWh Sales (Jan-Dec), including Uncollectible Recovery] - [Q1 Fund Balance Credit (Jan-Mar) - Forecasted kWh Sales (Jan-Mar), excluding Uncollectible Recovery]
Proposed (Q2-Q4) Energy Efficiency (Apr-Dec) = Customer Funding Required (Apr-Dec) - Customer Funding Required (Jan-Mar) + Forecasted kWh Sales (Apr-Dec)
- (10) Proposed SRP Opex Factor is \$0.00000.
- (11) Line (9) + Line (10)
- (12) Uncollectible rate approved in Docket No 4770.
- (13) Line (11) + (1-Line (12)), truncated to 5 decimal places
- (14) Currently Effective EE Charge includes System Reliability Factor and uncollectible recovery. This is an 11 month rate that went into effect on February 1, 2022.
- (15) Line (13) - Line (14)
Approved Adjustment to Reflect Fully Reconciling Funding Mechanism (Jan-Mar) is relative to the 2022 program charge
Proposed Adjustment to Reflect Fully Reconciling Funding Mechanism (Apr-Dec) is relative to the approved 2023 (Jan-Mar) program charge

Table E-2
Rhode Island Energy
2023 Electric Energy Efficiency Program Budget (\$000)

| | Program Planning & Administration | Marketing | Rebates and Other Customer Incentives | Sales, Tech Assist & Training | Evaluation & Market Research | Performance Incentive | Grand Total |
|---|-----------------------------------|------------------|---------------------------------------|-------------------------------|------------------------------|-----------------------|--------------------|
| Non-Income Eligible Residential | | | | | | | |
| Residential New Construction | \$124.5 | \$23.9 | \$835.5 | \$524.2 | \$83.8 | | \$1,592.0 |
| ENERGY STAR® HVAC | \$259.6 | \$278.3 | \$3,918.5 | \$827.7 | \$56.7 | | \$5,340.8 |
| EnergyWise | \$493.6 | \$355.5 | \$13,018.4 | \$1,466.8 | \$251.0 | | \$15,585.3 |
| EnergyWise Multifamily | \$126.7 | \$67.8 | \$984.4 | \$138.9 | \$23.5 | | \$1,341.2 |
| Residential Consumer Products | \$119.7 | \$427.6 | \$1,232.1 | \$686.9 | \$22.8 | | \$2,489.1 |
| Home Energy Reports | \$49.0 | \$13.2 | \$0.0 | \$2,062.4 | \$21.2 | | \$2,145.8 |
| Residential ConnectedSolutions | \$82.6 | \$11.5 | \$1,503.7 | \$346.1 | \$19.2 | | \$1,963.1 |
| Energy Efficiency Education Programs | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$0.0 |
| Residential Pilots | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$0.0 |
| Community Based Initiatives - Residential | \$37.1 | \$137.7 | \$105.8 | \$0.0 | \$0.0 | | \$280.6 |
| Comprehensive Marketing - Residential | \$1.2 | \$309.3 | \$0.0 | \$0.0 | \$0.0 | | \$310.5 |
| Residential Workforce Development | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$0.0 |
| Residential Performance Incentive | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$658.3 | \$658.3 |
| Subtotal - Non-Income Eligible Residential | \$1,293.9 | \$1,624.7 | \$21,598.3 | \$6,053.1 | \$478.2 | \$658.3 | \$31,706.6 |
| Income Eligible Residential | | | | | | | |
| Single Family - Income Eligible Services | \$450.2 | \$162.1 | \$10,572.8 | \$1,880.3 | \$76.2 | | \$13,141.5 |
| Income Eligible Multifamily | \$155.9 | \$14.3 | \$2,602.1 | \$528.0 | \$35.6 | | \$3,335.8 |
| Income Eligible Workforce Development | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$0.0 |
| Income Eligible Performance Incentive | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
| Subtotal - Income Eligible Residential | \$606.1 | \$176.4 | \$13,174.9 | \$2,408.3 | \$111.8 | \$0.0 | \$16,447.3 |
| Commercial & Industrial | | | | | | | |
| Large Commercial New Construction | \$222.6 | \$214.2 | \$5,737.8 | \$1,731.2 | \$363.4 | | \$8,269.2 |
| Large Commercial Retrofit | \$711.0 | \$159.8 | \$16,216.7 | \$4,506.5 | \$582.3 | | \$22,176.2 |
| Small Business Direct Install | \$259.1 | \$164.9 | \$6,739.7 | \$291.3 | \$97.3 | | \$7,552.2 |
| Commercial ConnectedSolutions | \$167.8 | \$6.8 | \$5,340.0 | \$152.2 | \$0.0 | | \$5,666.8 |
| Commercial Pilots | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$0.0 |
| Community Based Initiatives - C&I | \$12.3 | \$45.8 | \$35.3 | \$0.0 | \$0.0 | | \$93.5 |
| Finance Costs | \$0.0 | \$0.0 | \$2,000.0 | \$0.0 | \$0.0 | | \$2,000.0 |
| Commercial Workforce Development | \$0.0 | \$0.0 | \$0.0 | \$157.5 | \$0.0 | | \$157.5 |
| Commercial & Industrial Performance Incentive | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$2,700.8 | \$2,700.8 |
| Subtotal - Commercial & Industrial | \$1,372.9 | \$591.5 | \$36,069.4 | \$6,838.7 | \$1,043.0 | \$2,700.8 | \$48,616.3 |
| Regulatory | | | | | | | |
| OER | \$891.4 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$891.4 |
| EERMC | \$594.3 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$594.3 |
| Electric Resistance to Heat Pump Conversions | \$409.3 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | \$409.3 |
| Rhode Island Infrastructure Bank | \$0.0 | \$0.0 | \$3,737.5 | \$0.0 | \$0.0 | | \$3,737.5 |
| Subtotal - Regulatory | \$1,894.9 | \$0.0 | \$3,737.5 | \$0.0 | \$0.0 | \$0.0 | \$5,632.4 |
| Grand Total | \$5,167.8 | \$2,392.6 | \$74,580.1 | \$15,300.0 | \$1,633.0 | \$3,359.2 | \$102,432.6 |

Notes:

(1) 2023 Large Commercial Retrofit Commitments (\$000):

(2) For more information on Finance Costs, please refer to Attachment 2, Section 9.

(3) OER budget is equal to the SBC collections after zeroing out EERMC and OER budgets times 3% times 60%. EERMC budget is equal to the SBC collections after zeroing out EERMC and OER budgets times 3% times 40%.

(4) Finance Costs are detailed in Table E-9. Finance Costs include an injection of \$2M into the Large C&I Revolving Loan Fund. Without this injection the Large C&I Revolving Loan Fund is projected to be negative by the end of 2023.

(5) Demonstrations and Assessments budgets are included in specific program level budgets listed above. More information on Demonstration and Assessments descriptions, budgets, and which program level budget they are included in can be found in Attachment 8.

Table E-3
Rhode Island Energy
Derivation of the 2023 Eligible PIM and Implementation Budgets (\$000)

| | Proposed 2023 Budget From E-2 | Commitments | Regulatory Costs | Performance Incentive | Eligible Sector PIM Budget for Performance Incentive on E-8B | Implementation Expenses for Cost- Effectiveness on E-5 |
|---|--|--------------------|-------------------------|----------------------------------|---|---|
| Non-Income Eligible Residential | | | | | | |
| Residential New Construction | \$1,592.0 | | | | | \$1,592.0 |
| ENERGY STAR® HVAC | \$5,340.8 | | | | | \$5,340.8 |
| EnergyWise | \$15,585.3 | | | | | \$15,585.3 |
| EnergyWise Multifamily | \$1,341.2 | | | | | \$1,341.2 |
| Residential Consumer Products | \$2,489.1 | | | | | \$2,489.1 |
| Home Energy Reports | \$2,145.8 | | | | | \$2,145.8 |
| Residential ConnectedSolutions | \$1,963.1 | | | | | \$1,963.1 |
| Energy Efficiency Education Programs | \$0.0 | | | | | \$0.0 |
| Residential Pilots | \$0.0 | | | | | \$0.0 |
| Community Based Initiatives - Residential | \$280.6 | | | | | \$280.6 |
| Comprehensive Marketing - Residential | \$310.5 | | | | | \$310.5 |
| Residential Workforce Development | \$0.0 | | | | | \$0.0 |
| Residential Performance Incentive | \$658.3 | | | \$658.3 | | \$0.0 |
| Subtotal - Non-Income Eligible Residential | \$31,706.6 | \$0.0 | \$0.0 | \$658.3 | \$29,085.1 | \$31,048.3 |
| Income Eligible Residential | | | | | | |
| Single Family - Income Eligible Services | \$13,141.5 | | | | | \$13,141.5 |
| Income Eligible Multifamily | \$3,335.8 | | | | | \$3,335.8 |
| Income Eligible Workforce Development | \$0.0 | | | | | \$0.0 |
| Income Eligible Performance Incentive | \$0.0 | | | \$0.0 | | \$0.0 |
| Subtotal - Income Eligible Residential | \$16,477.3 | \$0.0 | \$0.0 | \$0.0 | \$16,477.3 | \$16,477.3 |
| Commercial & Industrial | | | | | | |
| Large Commercial New Construction | \$8,269.2 | \$0.0 | | | | \$8,269.2 |
| Large Commercial Retrofit | \$22,176.2 | \$0.0 | | | | \$22,176.2 |
| Small Business Direct Install | \$7,552.2 | \$0.0 | | | | \$7,552.2 |
| Commercial ConnectedSolutions | \$5,666.8 | | | | | \$5,666.8 |
| Commercial Pilots | \$0.0 | | | | | \$0.0 |
| Community Based Initiatives - C&I | \$93.5 | | | | | \$93.5 |
| Finance Costs | \$2,000.0 | | | | | \$2,000.0 |
| Commercial Workforce Development | \$157.5 | | | | | \$157.5 |
| Commercial & Industrial Performance Incentive | \$2,700.8 | | | \$2,700.8 | | \$0.0 |
| Subtotal - Commercial & Industrial | \$48,616.3 | \$0.0 | \$0.0 | \$2,700.8 | \$40,196.2 | \$45,915.5 |
| Regulatory | | | | | | |
| OER | \$891.4 | | \$891.4 | | | \$891.4 |
| EERMC | \$594.3 | | \$594.3 | | | \$594.3 |
| Electric Resistance to Heat Pump Conversions | \$409.3 | | \$409.3 | | | \$409.3 |
| Rhode Island Infrastructure Bank | \$3,737.5 | | \$3,737.5 | | | \$3,737.5 |
| Subtotal - Regulatory | \$5,632.4 | \$0.0 | \$5,632.4 | \$0.0 | \$0.0 | \$5,632.4 |
| Grand Total | \$102,432.6 | \$0.0 | \$5,632.4 | \$3,359.2 | \$85,758.7 | \$99,073.5 |

Notes:

- (1) Eligible Sector Spending Budget = Total Budget from E-2 minus commitments, regulatory costs, pilots, assessments, Residential ConnectedSolutions, Commercial ConnectedSolutions, Performance Incentive
- (2) Eligible Sector Spending Budget does not include assessments, see Attachment 8 for assessments budgets.
- (3) Implementation Expenses = Total Budget from E-2 minus commitments and Performance Incentive.

Table E-4
Rhode Island Energy
Proposed 2023 Budget Compared to Approved 2022 Budget (\$000)

| | Proposed Implementation Budget 2023 | Approved Implementation Budget 2022 | Difference |
|---|--|--|-------------------|
| Non-Income Eligible Residential | | | |
| Residential New Construction | \$1,592.0 | \$1,617.0 | -\$25.0 |
| ENERGY STAR® HVAC | \$5,340.8 | \$4,684.4 | \$656.4 |
| EnergyWise | \$15,585.3 | \$15,557.0 | \$28.3 |
| EnergyWise Multifamily | \$1,341.2 | \$3,238.3 | -\$1,897.1 |
| Residential Consumer Products | \$2,489.1 | \$2,796.0 | -\$307.0 |
| Home Energy Reports | \$2,145.8 | \$2,639.1 | -\$493.3 |
| Residential ConnectedSolutions | \$1,963.1 | \$1,822.6 | \$140.5 |
| Community Based Initiatives - Residential | \$280.6 | \$255.1 | \$25.5 |
| Comprehensive Marketing - Residential | \$310.5 | \$247.9 | \$62.5 |
| Subtotal - Non-Income Eligible Residential | \$31,048.3 | \$32,857.4 | -\$1,809.1 |
| Income Eligible Residential | | | |
| Single Family - Income Eligible Services | \$13,141.5 | \$13,275.3 | -\$133.8 |
| Income Eligible Multifamily | \$3,335.8 | \$3,538.9 | -\$203.1 |
| Subtotal - Income Eligible Residential | \$16,477.3 | \$16,814.3 | -\$336.9 |
| Commercial & Industrial | | | |
| Large Commercial New Construction | \$8,269.2 | \$9,034.1 | -\$764.9 |
| Large Commercial Retrofit | \$22,176.2 | \$25,010.5 | -\$2,834.3 |
| Small Business Direct Install | \$7,552.2 | \$8,883.3 | -\$1,331.1 |
| Commercial ConnectedSolutions | \$5,666.8 | \$4,393.6 | \$1,273.2 |
| Community Based Initiatives - C&I | \$93.5 | \$85.0 | \$8.5 |
| Commercial Pilots | \$0.0 | \$0.0 | \$0.0 |
| Finance Costs | \$2,000.0 | \$2,000.0 | \$0.0 |
| Commercial Workforce Development | \$157.5 | \$157.5 | \$0.0 |
| Subtotal Commercial & Industrial | \$45,915.5 | \$49,564.1 | -\$3,648.6 |
| Regulatory | | | |
| EERMC | \$594.3 | \$766.2 | -\$172.0 |
| OER | \$891.4 | \$1,541.7 | -\$650.3 |
| Electric Resistance to Heat Pump Conversions | \$409.3 | \$0.0 | \$409.3 |
| Rhode Island Infrastructure Bank | \$3,737.5 | \$3,737.5 | \$0.0 |
| Subtotal Regulatory | \$5,632.4 | \$6,045.4 | -\$413.0 |
| TOTAL IMPLEMENTATION BUDGET | \$99,073.5 | \$105,281.1 | -\$6,207.6 |
| OTHER EXPENSE ITEMS | | | |
| Commitments | \$0.0 | \$0.0 | \$0.0 |
| Company Incentive | \$3,359.2 | \$3,390.2 | -\$31.0 |
| Subtotal - Other Expense Items | \$3,359.2 | \$3,390.2 | -\$31.0 |
| TOTAL BUDGET | \$102,432.6 | \$108,671.3 | -\$6,238.7 |

Notes:
(1) Program Implementation Budget excludes Commitments, Company Incentive; derived on Table E-3
(2) Total Budget includes Implementation, Commitments; illustrated on Table E-3

**Table E-5 - Primary
Rhode Island Energy
Calculation of 2023 Program Year Cost-Effectiveness
All Dollar Values in (\$000)**

| | RI Test Benefit/ Cost¹ | Total Benefit | Program Implementation Expenses² | Customer Contribution | Performance Incentive | ¢/Lifetime kWh |
|---|--|--------------------------|--|----------------------------------|----------------------------------|---------------------------|
| Non-Income Eligible Residential | | | | | | |
| Residential New Construction | 1.80 | \$4,003.5 | \$1,592.0 | \$634.6 | | ¢16.9 |
| ENERGY STAR® HVAC | 2.78 | \$21,708.5 | \$5,340.8 | \$2,464.5 | | ¢11.0 |
| EnergyWise | 1.10 | \$20,158.4 | \$15,585.3 | \$2,790.6 | | ¢108.5 |
| EnergyWise Multifamily | 2.30 | \$3,295.9 | \$1,341.2 | \$89.9 | | ¢15.1 |
| Home Energy Reports | 2.73 | \$5,862.7 | \$2,145.8 | \$0.0 | | ¢8.8 |
| Residential Consumer Products | 2.29 | \$7,261.1 | \$2,489.1 | \$683.3 | | ¢10.0 |
| Residential ConnectedSolutions | 1.60 | \$3,148.1 | \$1,963.1 | \$0.0 | | N/A |
| Energy Efficiency Education Programs | | | \$0.0 | | | |
| Residential Pilots | | | \$0.0 | | | |
| Community Based Initiatives - Residential | | | \$280.6 | | | |
| Comprehensive Marketing - Residential | | | \$310.5 | | | |
| Residential Workforce Development | | | \$0.0 | | | |
| Non-Income Eligible Residential SUBTOTAL | 1.71 | \$65,438.1 | \$31,048.3 | \$6,662.9 | \$658.3 | ¢22.6 |
| Income Eligible Residential | | | | | | |
| Single Family - Income Eligible Services | 1.66 | \$21,877.2 | \$13,141.5 | \$0.0 | | ¢45.6 |
| Income Eligible Multifamily | 1.27 | \$4,236.2 | \$3,335.8 | \$0.0 | | ¢18.9 |
| Income Eligible Workforce Development | | | \$0.0 | | | |
| Income Eligible Residential SUBTOTAL | 1.58 | \$26,113.4 | \$16,477.3 | \$0.0 | \$0.0 | ¢35.5 |
| Commercial & Industrial | | | | | | |
| Large Commercial New Construction | 3.51 | \$31,314.7 | \$8,269.2 | \$648.5 | | ¢5.7 |
| Large Commercial Retrofit | 1.95 | \$63,222.6 | \$22,176.2 | \$10,315.5 | | ¢13.3 |
| Small Business Direct Install | 1.02 | \$9,309.2 | \$7,552.2 | \$1,596.0 | | ¢15.8 |
| Commercial ConnectedSolutions | 2.26 | \$12,784.5 | \$5,666.8 | \$0.0 | | N/A |
| Commercial Pilots | | | \$0.0 | | | |
| Community Based Initiatives - C&I | | | \$93.5 | | | |
| Finance Costs | | | \$2,000.0 | | | |
| Commercial Workforce Development | | | \$157.5 | | | |
| C&I SUBTOTAL | 1.91 | \$116,631.0 | \$45,915.5 | \$12,560.0 | \$2,700.8 | ¢12.7 |
| Regulatory | | | | | | |
| OER | | | \$891.4 | | | |
| EERMC | | | \$594.3 | | | |
| Electric Resistance to Heat Pump Conversions | | | \$409.3 | | | |
| Rhode Island Infrastructure Bank | | | \$3,737.5 | | | |
| Regulatory SUBTOTAL | | | \$5,632.4 | | | |
| TOTAL | 1.71 | \$208,182.6 | \$99,073 | \$19,222.8 | \$3,359.2 | ¢17.6 |

Notes:

- (1) RI Test B/C Test = Total Benefits from Table E-6 excluding Economic Benefits / Program Implementation Expenses from Table E-3 and Customer Contribution Also includes effects of free-ridership and spillover.
- (2) For Implementation Expenses derivation, see Table E-3.

Table E-5 - Economic Benefits
Rhode Island Energy
Calculation of 2023 Economic Benefits and Job Years
All Dollar Values in (\$000)

| | Program Implementation Expenses¹ | RI Economic Multiplier (GDP/\$ Program Impl.) | Economic Benefits | RI Job Years Multiplier (Job Years/\$M Program Impl.) | Job Years |
|---|--|--|------------------------------|--|------------------|
| Non-Income Eligible Residential | | | | | |
| Residential New Construction | \$1,592.0 | 1.56 | \$2,483.4 | 14.8 | 24 |
| ENERGY STAR® HVAC | \$5,340.8 | 1.58 | \$8,438.4 | 12.2 | 65 |
| EnergyWise | \$15,585.3 | 1.05 | \$16,364.5 | 12.3 | 192 |
| EnergyWise Multifamily | \$1,341.2 | 1.45 | \$1,944.8 | 14.8 | 20 |
| Home Energy Reports | \$2,145.8 | 1.65 | \$3,540.6 | 13.6 | 29 |
| Residential Consumer Products | \$2,489.1 | 1.11 | \$2,762.9 | 8.5 | 21 |
| Residential ConnectedSolutions | \$1,963.1 | 0.83 | \$1,629.4 | 6.9 | 14 |
| Energy Efficiency Education Programs | \$0.0 | | \$0.0 | | - |
| Residential Pilots | \$0.0 | | \$0.0 | | - |
| Community Based Initiatives - Residential | \$280.6 | | \$0.0 | | - |
| Comprehensive Marketing - Residential | \$310.5 | | \$0.0 | | - |
| Residential Workforce Development | \$0.0 | | \$0.0 | | - |
| Non-Income Eligible Residential SUBTOTAL | \$31,048.3 | | \$37,164.0 | | 364 |
| Income Eligible Residential | | | | | |
| Single Family - Income Eligible Services | \$13,141.5 | 0.96 | \$12,615.9 | 10.9 | 143 |
| Income Eligible Multifamily | \$3,335.8 | 1.30 | \$4,336.6 | 13.4 | 45 |
| Income Eligible Workforce Development | \$0.0 | | \$0.0 | | - |
| Income Eligible Residential SUBTOTAL | \$16,477.3 | | \$16,952.4 | | 188 |
| Commercial & Industrial | | | | | |
| Large Commercial New Construction | \$8,269.2 | 2.74 | \$22,657.7 | 19.0 | 157 |
| Large Commercial Retrofit | \$22,176.2 | 5.28 | \$117,090.4 | 51.4 | 1,140 |
| Small Business Direct Install | \$7,552.2 | 1.53 | \$11,554.9 | 12.3 | 93 |
| Commercial ConnectedSolutions | \$5,666.8 | 2.19 | \$12,410.4 | 17.5 | 99 |
| Commercial Pilots | \$0.0 | | \$0.0 | | - |
| Community Based Initiatives - C&I | \$93.5 | | \$0.0 | | - |
| Finance Costs | \$2,000.0 | | \$0.0 | | - |
| Commercial Workforce Development | \$157.5 | | \$0.0 | | - |
| C&I SUBTOTAL | \$45,915.5 | | \$163,713.4 | | 1,489 |
| Regulatory | | | | | |
| OER | \$891.4 | | \$0.0 | | - |
| EERMC | \$594.3 | | \$0.0 | | - |
| Electric Resistance to Heat Pump Conversions | \$409.3 | | \$0.0 | | - |
| Rhode Island Infrastructure Bank | \$3,737.5 | | \$0.0 | | - |
| Regulatory SUBTOTAL | \$5,632.4 | | \$0.0 | | - |
| TOTAL | \$99,073.5 | | \$217,829.8 | | 2,041 |

Notes:

(1) For Implementation Expenses derivation, see Table E-3.

(2) RI Economic and Job Years Multipliers from "Economic Multipliers Update" filed by National Grid in Docket 5189.

Table E-5A
Rhode Island Energy
Calculation of 2023 Program Year Cost-Effectiveness with TRC Test
All Dollar Values in (\$000)

| | TRC Benefit/ Cost ¹ | Total Benefit | Program Implementation Expenses ² | Customer Contribution | Performance Incentive | ¢/Lifetime kWh |
|---|-----------------------------------|--------------------|--|-----------------------|-----------------------|----------------|
| Non-Income Eligible Residential | | | | | | |
| Residential New Construction | 1.46 | \$3,248.6 | \$1,592.0 | \$634.6 | | ¢16.9 |
| ENERGY STAR® HVAC | 2.17 | \$16,958.2 | \$5,340.8 | \$2,464.5 | | ¢11.0 |
| EnergyWise | 0.84 | \$15,488.8 | \$15,585.3 | \$2,790.6 | | ¢108.5 |
| EnergyWise Multifamily | 1.97 | \$2,821.4 | \$1,341.2 | \$89.9 | | ¢15.1 |
| Home Energy Reports | 1.94 | \$4,159.5 | \$2,145.8 | \$0.0 | | ¢8.8 |
| Residential Consumer Products | 1.74 | \$5,512.4 | \$2,489.1 | \$683.3 | | ¢10.0 |
| Residential ConnectedSolutions | 1.60 | \$3,145.0 | \$1,963.1 | \$0.0 | | N/A |
| Energy Efficiency Education Programs | | | \$0.0 | | | ¢0 |
| Residential Pilots | | | \$0.0 | | | ¢0 |
| Community Based Initiatives - Residential | | | \$280.6 | | | ¢0 |
| Comprehensive Marketing - Residential | | | \$310.5 | | | ¢0 |
| Non-Income Eligible Residential SUBTOTAL | 1.34 | \$51,333.8 | \$31,048.3 | \$6,662.9 | \$658.3 | ¢22.6 |
| Income Eligible Residential | | | | | | |
| Single Family - Income Eligible Services | 1.44 | \$18,928.7 | \$13,141.5 | \$0.0 | | ¢45.6 |
| Income Eligible Multifamily | 1.07 | \$3,571.6 | \$3,335.8 | \$0.0 | | ¢18.9 |
| Income Eligible Residential SUBTOTAL | 1.37 | \$22,500.3 | \$16,477.3 | \$0.0 | \$0.0 | ¢35.5 |
| Commercial & Industrial | | | | | | |
| Large Commercial New Construction | 2.80 | \$24,948.0 | \$8,269.2 | \$648.5 | | ¢5.7 |
| Large Commercial Retrofit | 1.55 | \$50,442.1 | \$22,176.2 | \$10,315.5 | | ¢13.3 |
| Small Business Direct Install | 0.71 | \$6,537.3 | \$7,552.2 | \$1,596.0 | | ¢15.8 |
| Commercial ConnectedSolutions | 2.26 | \$12,784.5 | \$5,666.8 | | | N/A |
| Commercial Pilots | | | \$0.0 | | | |
| Community Based Initiatives - C&I | | | \$93.5 | | | |
| Finance Costs | | | \$2,000.0 | | | |
| Commercial Workforce Development | | | \$157.5 | | | |
| C&I SUBTOTAL | 1.55 | \$94,711.9 | \$45,915.5 | \$12,560.0 | \$2,700.8 | ¢12.7 |
| Regulatory | | | | | | |
| OER | | | \$891.4 | | | |
| EERMC | | | \$594.3 | | | |
| Electric Resistance to Heat Pump Conversions | | | \$409.3 | | | |
| Rhode Island Infrastructure Bank | | | \$3,737.5 | | | |
| Regulatory SUBTOTAL | | | \$5,632.4 | | | |
| TOTAL | 1.39 | \$168,546.0 | \$99,073.5 | \$19,222.8 | \$3,359.2 | ¢17.6 |

Notes:

- (1) TRC B/C Test omits societal benefits that are monetized in the RI Test, including non-embedded emissions (CO2 and NOx). Also includes effects of free-ridership and spillover.
- (2) For Implementation Expenses derivation, see Table E-3.

Table E-6
Rhode Island Energy
Summary of 2023 Benefits by Program (Energy Efficiency Measures)

| | Benefits (000's) | | | | | | | | | | | | | | | | | | |
|---|------------------|---------------------------|-------------------|----------------|-----------------|-----------------|--------------|-----------------|-----------------|----------------|----------------|-----------------------|---------------|-----------------|----------------|-----------------|-----------------|----------------|------------------|
| | Total | Total (Economic Excluded) | Capacity | | | | | Energy | | | | Non Electric | | | | Societal | | | |
| | | | Summer Generation | Capacity DRIPE | Trans | Dist | Reliability | Winter | | Summer | | Electric Energy DRIPE | Natural Gas | Oil | Other Resource | Non Resource | Carbon | NOx | Economic |
| | | | | | | | | Peak | Off Peak | Peak | Off Peak | | | | | | | | |
| Non-Income Eligible Residential | | | | | | | | | | | | | | | | | | | |
| Residential New Construction | \$6,487 | \$4,004 | \$13 | \$13 | \$28 | \$31 | \$0 | \$391 | \$514 | \$88 | \$71 | \$271 | \$0 | \$353 | \$1,396 | \$80 | \$728 | \$27 | \$2,483 |
| ENERGY STAR@ HVAC | \$30,147 | \$21,708 | \$582 | \$514 | \$1,221 | \$1,387 | \$6 | \$2,198 | \$2,740 | \$341 | \$287 | \$1,672 | -\$3 | \$5,476 | \$17 | \$521 | \$4,441 | \$309 | \$8,438 |
| EnergyWise | \$36,523 | \$20,158 | \$166 | \$227 | \$365 | \$414 | \$3 | \$383 | \$397 | \$217 | \$188 | \$396 | \$0 | \$10,400 | \$1,688 | \$646 | \$4,145 | \$525 | \$16,365 |
| EnergyWise Multifamily | \$5,241 | \$3,296 | \$59 | \$66 | \$126 | \$144 | \$1 | \$180 | \$211 | \$152 | \$133 | \$203 | \$0 | \$247 | \$52 | \$1,248 | \$457 | \$18 | \$1,945 |
| Home Energy Reports | \$9,403 | \$5,863 | \$243 | \$984 | \$363 | \$413 | \$62 | \$612 | \$526 | \$237 | \$183 | \$538 | \$0 | \$0 | \$0 | \$1,685 | \$18 | \$3,541 | |
| Residential Consumer Products | \$10,024 | \$7,261 | \$269 | \$698 | \$664 | \$753 | \$8 | \$597 | \$625 | \$384 | \$366 | \$982 | \$0 | \$70 | \$97 | \$1 | \$1,723 | \$26 | \$2,763 |
| Non-Income Eligible Residential SUBTOTAL | \$97,825 | \$62,290 | \$1,332 | \$2,501 | \$2,767 | \$3,141 | \$80 | \$4,361 | \$5,012 | \$1,418 | \$1,228 | \$4,062 | -\$3 | \$16,545 | \$3,250 | \$2,495 | \$13,177 | \$924 | \$35,535 |
| Income Eligible Residential | | | | | | | | | | | | | | | | | | | |
| Single Family - Income Eligible Services | \$34,493 | \$21,877 | \$183 | \$213 | \$394 | \$447 | \$3 | \$741 | \$850 | \$277 | \$283 | \$624 | \$24 | \$4,769 | \$410 | \$9,711 | \$2,693 | \$255 | \$12,616 |
| Income Eligible Multifamily | \$8,573 | \$4,236 | \$14 | \$27 | \$31 | \$36 | \$0 | \$461 | \$452 | \$131 | \$114 | \$343 | -\$40 | \$264 | \$45 | \$1,704 | \$648 | \$17 | \$4,337 |
| Income Eligible Residential SUBTOTAL | \$43,066 | \$26,113 | \$197 | \$239 | \$425 | \$483 | \$3 | \$1,202 | \$1,302 | \$409 | \$396 | \$967 | -\$15 | \$5,023 | \$456 | \$11,414 | \$3,341 | \$272 | \$16,952 |
| Commercial & Industrial | | | | | | | | | | | | | | | | | | | |
| Large Commercial New Construction | \$53,972 | \$31,315 | \$990 | \$1,048 | \$2,109 | \$2,394 | \$13 | \$4,259 | \$2,725 | \$2,633 | \$1,630 | \$3,702 | -\$255 | \$0 | \$6 | \$3,693 | \$6,292 | \$77 | \$22,658 |
| Large Commercial Retrofit | \$180,313 | \$63,223 | \$1,837 | \$4,849 | \$4,544 | \$5,155 | \$59 | \$4,897 | \$4,090 | \$3,601 | \$2,561 | \$7,598 | -\$284 | -\$29 | \$0 | \$11,554 | \$12,644 | \$149 | \$117,090 |
| Small Business Direct Install | \$20,864 | \$9,309 | \$186 | \$566 | \$476 | \$540 | \$7 | \$1,249 | \$713 | \$975 | \$493 | \$1,847 | -\$113 | -\$571 | \$0 | \$165 | \$2,775 | \$0 | \$11,655 |
| C&I SUBTOTAL | \$255,149 | \$103,846 | \$3,013 | \$6,462 | \$7,129 | \$8,089 | \$78 | \$10,406 | \$7,528 | \$7,209 | \$4,685 | \$13,147 | -\$653 | -\$600 | \$6 | \$15,411 | \$21,711 | \$226 | \$151,303 |
| TOTAL | \$396,040 | \$192,250 | \$4,542 | \$9,203 | \$10,321 | \$11,713 | \$161 | \$15,968 | \$13,842 | \$9,036 | \$6,309 | \$18,175 | -\$671 | \$20,968 | \$3,711 | \$29,321 | \$38,229 | \$1,422 | \$203,790 |

Table E-6B
Rhode Island Energy
Summary of 2023 Demand Response Benefits and Savings

| | Benefits (000's) | | | | | | | | | | | | | | | Load Reduction (MW) | MWh Saved | |
|--|------------------|------------------------------|----------------------|-------------------|----------------|----------------|--------------|------------|------------|------------|------------|------------------------------|--------------|------------|-----------------|------------------------|------------|------------|
| | Total | Total (Economic Excluded) | Capacity | | | | | Energy | | | | Non Electric Non Resource | Societal | | Summer | | | |
| | | | Summer Generation | Capacity DRIPE | Trans | Dist | Reliability | Winter | | Summer | | | Energy DRIPE | Carbon | | Economic | | |
| | | | | | | | | Peak | Off Peak | Peak | Off Peak | | | | | | | |
| Non-Income Eligible Residential | | | | | | | | | | | | | | | | | | |
| Residential Connected Solutions | \$4,777 | \$3,148 | \$232 | \$939 | \$854 | \$971 | \$145 | \$0 | \$0 | \$2 | \$1 | \$1 | \$0 | \$3 | \$1,629 | 7.9 | 0.1 | 0.1 |
| Commercial & Industrial | | | | | | | | | | | | | | | | | | |
| Commercial Connected Solutions | \$25,195 | \$12,785 | \$749 | \$3,034 | \$3,904 | \$4,436 | \$662 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$12,410 | 36.0 | 0.0 | 0.0 |
| TOTAL | \$29,972 | \$15,933 | \$980 | \$3,973 | \$4,759 | \$5,406 | \$807 | \$0 | \$0 | \$2 | \$1 | \$1 | \$0 | \$3 | \$14,040 | 43.9 | 0.1 | 0.1 |

Table E-6A
Rhode Island Energy
Summary of 2023 Impacts by Program (Energy Efficiency Measures)

| | Load Reduction in kW | | Electric Energy Savings | | | | | Gas Savings | | | Oil Saved | | | Propane Saved | | | Total Savings (Electric, Gas, Oil, Propane) | | | |
|---|----------------------|---------------|-------------------------|----------------|----------------|------------------|----------------------------|-----------------|-----------------|----------------------------|----------------|-----------------|----------------------------|---------------|---------------|----------------------------|---|------------------|----------------------------|--|
| | | | MWh | | MMBtu | | short tons CO ₂ | MMBtu | | short tons CO ₂ | MMBtu | | short tons CO ₂ | MMBtu | | short tons CO ₂ | MMBtu | | short tons CO ₂ | |
| | Summer | Winter | Annual | Lifetime | Annual | Lifetime | Annual ² | Annual | Lifetime | Annual ² | Annual | Lifetime | Annual ² | Annual | Lifetime | Annual ² | Annual | Lifetime | Annual ² | |
| Non-Income Eligible Residential | | | | | | | | | | | | | | | | | | | | |
| Residential New Construction | 16 | 39 | 689 | 13,144 | 2,352 | 44,848 | 335 | - | - | - | 533 | 13,331 | 47 | 1,284 | 32,102 | 115 | 4,170 | 90,281 | 497 | |
| ENERGY STAR® HVAC | 640 | 838 | 4,175 | 71,055 | 14,244 | 242,438 | 1,799 | (33) | (424) | (2) | 11,799 | 211,351 | 959 | 29 | 429 | 2 | 26,039 | 454,194 | 2,758 | |
| EnergyWise | 466 | 582 | 3,147 | 16,940 | 10,739 | 57,800 | 1,382 | - | - | - | 21,158 | 400,307 | 2,055 | 1,799 | 35,499 | 126 | 33,696 | 493,605 | 3,563 | |
| EnergyWise Multifamily | 108 | 85 | 680 | 9,493 | 2,319 | 32,389 | 347 | - | - | - | 423 | 9,376 | 49 | 16 | 332 | 2 | 2,758 | 42,097 | 397 | |
| Home Energy Reports | 3,348 | 5,174 | 24,350 | 24,350 | 83,081 | 83,081 | 9,597 | - | - | - | - | - | - | - | - | - | 83,081 | 83,081 | 9,597 | |
| Residential Consumer Products | 885 | 481 | 4,473 | 31,684 | 15,261 | 108,105 | 2,784 | - | - | - | 159 | 2,711 | 13 | 57 | 808 | 4 | 15,478 | 111,624 | 2,801 | |
| Non-Income Eligible Residential SUBTOTAL | 5,462 | 7,198 | 37,513 | 166,665 | 127,996 | 568,661 | 16,244 | (33) | (424) | (2) | 34,073 | 637,476 | 3,123 | 3,186 | 69,170 | 249 | 165,222 | 1,274,882 | 19,613 | |
| Income Eligible Residential | | | | | | | | | | | | | | | | | | | | |
| Single Family - Income Eligible Services | 367 | 485 | 2,801 | 28,796 | 9,555 | 98,250 | 1,104 | 304 | 3,648 | 18 | 10,423 | 183,994 | 839 | 756 | 6,849 | 53 | 21,039 | 292,741 | 2,013 | |
| Income Eligible Multifamily | 90 | 130 | 1,298 | 17,632 | 4,430 | 60,159 | 512 | (291) | (5,813) | (17) | 518 | 11,482 | 42 | 10 | 250 | 1 | 4,668 | 66,078 | 537 | |
| Income Eligible Residential SUBTOTAL | 457 | 616 | 4,099 | 46,427 | 13,986 | 158,410 | 1,616 | 13 | (2,165) | 1 | 10,942 | 195,475 | 881 | 766 | 7,099 | 53 | 25,707 | 358,820 | 2,550 | |
| Commercial & Industrial | | | | | | | | | | | | | | | | | | | | |
| Large Commercial New Construction | 1,306 | 1,100 | 10,481 | 157,598 | 35,762 | 537,725 | 5,778 | (2,097) | (29,621) | (162) | - | - | - | - | - | - | 33,665 | 508,104 | 5,616 | |
| Large Commercial Retrofit | 6,143 | 5,659 | 35,260 | 244,962 | 120,308 | 835,809 | 21,279 | (10,149) | (34,210) | (863) | (220) | (1,321) | (27) | - | - | - | 109,939 | 800,278 | 20,388 | |
| Small Business Direct Install | 708 | 646 | 9,260 | 57,778 | 31,594 | 197,138 | 4,178 | (2,192) | (13,320) | (145) | (4,282) | (26,025) | (391) | - | - | - | 25,120 | 157,794 | 3,642 | |
| C&I SUBTOTAL | 8,157 | 7,405 | 55,001 | 460,338 | 187,663 | 1,570,672 | 31,235 | (14,437) | (77,151) | (1,171) | (4,502) | (27,346) | (418) | - | - | - | 168,724 | 1,466,175 | 29,646 | |
| TOTAL | 14,076 | 15,219 | 96,613 | 673,430 | 329,645 | 2,297,743 | 49,094 | (14,457) | (79,739) | (1,172) | 40,512 | 805,605 | 3,586 | 3,952 | 76,269 | 302 | 359,653 | 3,099,877 | 51,810 | |

Notes:
(1) Lifetime savings are equal to annual savings multiplied by the expected life of measures expected to be installed in each program.
(2) Annual short tons CO₂ savings is based on gross annual energy savings in Year 1. The AESC 2021 study was used to inform the electric emissions factor for 2023, taking the average of summer/winter on/off-peak.

Table E-7
Rhode Island Energy
Comparison of 2023 and 2022 Goals and Tracking

| | Proposed 2023 Goal | | Proposed 2023 Tracking | | | | Approved 2022 | | | | Difference | | | |
|---|--|-----------------------------|--------------------------------------|---|---|-----------------------------|--|--------------------------------------|---|-----------------------------|--|--------------------------------------|---|-----------------------------|
| | Lifetime Electric Energy Savings (MWh) | Active Demand Response (kW) | Annual Electric Energy Savings (MWh) | Annual Passive Summer Demand Savings (kW) | Total Net Lifetime Energy Savings (MMBtu) | Planned Unique Participants | Lifetime Electric Energy Savings (MWh) | Annual Electric Energy Savings (MWh) | Annual Passive Summer Demand Savings (kW) | Active Demand Response (kW) | Lifetime Electric Energy Savings (MWh) | Annual Electric Energy Savings (MWh) | Annual Passive Summer Demand Savings (kW) | Active Demand Response (kW) |
| Non-Income Eligible Residential | | | | | | | | | | | | | | |
| Residential New Construction | 13,144 | | 689 | 16 | 90,281 | 410 | 14,947 | 867 | 74 | | -1,802 | -177 | -58 | |
| ENERGY STAR® HVAC | 71,055 | | 4,175 | 640 | 454,194 | 6,371 | 77,717 | 4,620 | 240 | | -6,662 | -445 | 400 | |
| EnergyWise | 16,940 | | 3,147 | 466 | 493,605 | 9,465 | 13,472 | 2,789 | 424 | | 3,468 | 359 | 42 | |
| EnergyWise Multifamily | 9,493 | | 680 | 108 | 42,097 | 1,744 | 20,783 | 1,424 | 143 | | -11,290 | -744 | -35 | |
| Home Energy Reports | 24,350 | | 24,350 | 3,348 | 83,081 | 276,390 | 26,852 | 26,852 | 3,692 | | -2,502 | -2,503 | -344 | |
| ENERGY STAR® Lighting | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Residential Consumer Products | 31,684 | | 4,473 | 885 | 111,624 | 26,274 | 47,554 | 6,885 | 1,118 | | -15,871 | -2,412 | -233 | |
| Residential ConnectedSolutions | | 7,878 | | | | 6,900 | | | | 7,365 | | 0 | | 513 |
| Non-Income Eligible Residential SUBTOTAL | 166,665 | 7,878 | 37,513 | 5,462 | 1,274,882 | 327,554 | 201,325 | 43,435 | 5,691 | 7,365 | -34,660 | -5,922 | -229 | 513 |
| Income Eligible Residential | | | | | | | | | | | | | | |
| Single Family - Income Eligible Services | 28,796 | | 2,801 | 367 | 292,741 | 3,111 | 38,506 | 3,314 | 480 | | -9,711 | -513 | -112 | |
| Income Eligible Multifamily | 17,632 | | 1,298 | 90 | 66,078 | 2,786 | 24,309 | 1,538 | 49 | | -6,678 | -239 | 40 | |
| Income Eligible Residential SUBTOTAL | 46,427 | 0 | 4,099 | 457 | 358,820 | 5,897 | 62,816 | 4,851 | 529 | 0 | -16,388 | -752 | -72 | 0 |
| Commercial & Industrial | | | | | | | | | | | | | | |
| Large Commercial New Construction | 157,598 | | 10,481 | 1,306 | 508,104 | 45 | 192,343 | 12,589 | 1,745 | | -34,745 | -2,108 | -439 | |
| Large Commercial Retrofit | 244,962 | | 35,260 | 6,143 | 800,278 | 2,142 | 312,931 | 41,132 | 8,490 | | -67,970 | -5,872 | -2,346 | |
| Small Business Direct Install | 57,778 | | 9,260 | 708 | 157,794 | 339 | 64,394 | 9,976 | 904 | | -6,616 | -716 | -196 | |
| Commercial ConnectedSolutions | | 36,000 | | | | 216 | | | | 32,400 | | | | 3,600 |
| C&I SUBTOTAL | 460,338 | 36,000 | 55,001 | 8,157 | 1,466,175 | 2,741 | 569,668 | 63,696 | 11,139 | 32,400 | -109,330 | -8,695 | -2,981 | 3,600 |
| TOTAL | 673,430 | 43,878 | 96,613 | 14,076 | 3,099,877 | 336,192 | 833,808 | 111,983 | 17,359 | 39,765 | -160,378 | -15,370 | -3,282 | 4,113 |

Notes:

- (1) Planned 2023 participation takes into account net-to-gross and estimates unique participation by taking into account 2021 unique customer accounts to savings ratios. Therefore the number of planned measures may be more than the estimated participants shown. For measure counts please view the widget tables in Attachments 1 and 2. Table E-7 no longer includes a comparison to the previous year's participation. Due to the way unique participation is calculated it is not possible to compare year-over-year results.
- (2) There are additional Low Income participants in Residential New Construction.
- (3) A customer can participate in more than one program, for example, Residential Consumer Products and Home Energy Reports, therefore the population reached can be more than 100%.

Table E-8A
Rhode Island Energy
2023 Electric PIM Benefits, Allocations, and Categorization (\$000)

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------|-------------------|-------------------|-----------------|-----------------|--------------|------------------|
| | Capacity | | Energy | | | Utility NEIs | | Non Electric | | | | Societal | | | | | | |
| | Summer Generation | Capacity DRIPE | Transmission | Distribution | Reliability | Winter Peak Energy | Winter Off Peak Energy | Summer Peak Energy | Summer Off Peak Energy | Electric Energy DRIPE | Utility NEIs | Natural Gas and DRIPE | Oil and Oil DRIPE | Propane and Water | Non Resource | Carbon | NOx | Economic |
| Non-Income Eligible Residential | | | | | | | | | | | | | | | | | | |
| Residential New Construction | \$13 | \$13 | \$28 | \$31 | \$0 | \$391 | \$514 | \$88 | \$71 | \$271 | \$0 | \$0 | \$353 | \$1,396 | \$80 | \$728 | \$27 | \$2,483 |
| ENERGY STAR® HVAC | \$582 | \$514 | \$1,221 | \$1,387 | \$6 | \$2,198 | \$2,740 | \$341 | \$287 | \$1,672 | \$0 | -\$3 | \$5,476 | \$17 | \$521 | \$4,441 | \$309 | \$8,438 |
| EnergyWise | \$166 | \$227 | \$365 | \$414 | \$3 | \$383 | \$397 | \$217 | \$188 | \$396 | \$0 | \$0 | \$10,400 | \$1,688 | \$646 | \$4,145 | \$525 | \$16,365 |
| EnergyWise Multifamily | \$59 | \$66 | \$126 | \$144 | \$1 | \$180 | \$211 | \$152 | \$133 | \$203 | \$0 | \$0 | \$247 | \$52 | \$1,248 | \$457 | \$18 | \$1,945 |
| Home Energy Reports | \$243 | \$984 | \$363 | \$413 | \$62 | \$612 | \$526 | \$237 | \$183 | \$538 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,685 | \$18 | \$3,541 |
| Residential Consumer Products | \$269 | \$698 | \$664 | \$753 | \$8 | \$597 | \$625 | \$384 | \$366 | \$982 | \$0 | \$0 | \$70 | \$97 | \$1 | \$1,723 | \$26 | \$2,763 |
| Non-Income Eligible Residential SUBTOTAL | \$1,332 | \$2,501 | \$2,767 | \$3,141 | \$80 | \$4,361 | \$5,012 | \$1,418 | \$1,228 | \$4,062 | \$0 | -\$3 | \$16,545 | \$3,250 | \$2,495 | \$13,177 | \$924 | \$35,535 |
| Income Eligible Residential | | | | | | | | | | | | | | | | | | |
| Single Family - Income Eligible Services | \$183 | \$213 | \$394 | \$447 | \$3 | \$741 | \$850 | \$277 | \$283 | \$624 | \$255 | \$24 | \$4,769 | \$410 | \$9,456 | \$2,693 | \$255 | \$12,616 |
| Income Eligible Multifamily | \$14 | \$27 | \$31 | \$36 | \$0 | \$461 | \$452 | \$131 | \$114 | \$343 | \$7 | -\$40 | \$254 | \$45 | \$1,697 | \$648 | \$17 | \$4,337 |
| Income Eligible Residential SUBTOTAL | \$197 | \$239 | \$425 | \$483 | \$3 | \$1,202 | \$1,302 | \$409 | \$396 | \$967 | \$261 | -\$15 | \$5,023 | \$456 | \$11,153 | \$3,341 | \$272 | \$16,952 |
| Commercial & Industrial | | | | | | | | | | | | | | | | | | |
| Large Commercial New Construction | \$990 | \$1,048 | \$2,109 | \$2,394 | \$13 | \$4,259 | \$2,725 | \$2,633 | \$1,630 | \$3,702 | \$0 | -\$255 | \$0 | \$6 | \$3,693 | \$6,292 | \$77 | \$22,658 |
| Large Commercial Retrofit | \$1,837 | \$4,849 | \$4,544 | \$5,155 | \$59 | \$4,897 | \$4,090 | \$3,601 | \$2,561 | \$7,598 | \$0 | -\$284 | -\$29 | \$0 | \$11,554 | \$12,644 | \$149 | \$117,090 |
| Small Business Direct Install | \$186 | \$566 | \$476 | \$540 | \$7 | \$1,249 | \$713 | \$975 | \$493 | \$1,847 | \$0 | -\$113 | -\$571 | \$0 | \$165 | \$2,775 | \$0 | \$11,555 |
| C&I SUBTOTAL | \$3,013 | \$6,462 | \$7,129 | \$8,089 | \$78 | \$10,406 | \$7,528 | \$7,209 | \$4,685 | \$13,147 | \$0 | -\$653 | -\$600 | \$6 | \$15,411 | \$21,711 | \$226 | \$151,303 |
| Included in PIM? (Y/N) | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | N | N | N |
| Percent Application in PIM | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 50% | 50% | 50% | 0% | 0% | 0% | 0% |
| Category | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Electric Utility System Benefits | Resource Benefits | Resource Benefits | Resource Benefits | NA | NA | NA | NA |

Notes
From 2023 Benefit-Cost Model, Tab ESA-PIM Benefits

Table E-8B
Rhode Island Energy
2023 Electric PIM Costs

| | (1) | (2) | (3) |
|---|--|---------------------|--|
| | Costs (\$) | | |
| | Eligible Spending Budget from Table E-3 | Regulatory Costs | Total Costs for PIM Calculations |
| Non-Income Eligible Residential SUBTOTAL | \$29,085 | \$198 | \$29,283 |
| Income Eligible Residential SUBTOTAL | \$16,477 | \$198 | \$16,675 |
| C&I SUBTOTAL | \$40,196 | \$198 | \$40,394 |
| Included in PIM? (Y/N) | Y | Y | Y |

Notes

Source is 2023 Benefit-Cost Model, Tab E8B-PIM Costs. Regulatory costs allocated equally to each sector. OER, RIIB, and Electric Resistance to Heat Pump Conversions costs have been omitted from Regulatory Costs.

Table E-8C
Rhode Island Energy
2023 Electric PIM and SQA

Sector PI = min(Payout Cap(j), [Actual Net Benefits* Design Payout Rate(g) * Payout Rate Adjustment(i)])

| Sector | Planned Eligible Benefits | | Planned Eligible Costs | Planned Eligible Net Benefits (4) | Design Performance Achievement | Design Performance Payout | Design Payout Rate | Design Payout Rate Thresholds | Payout Rate Adjustments | Payout Cap | Service Quality Metric |
|---------------------------------|---------------------------------------|-----------------------|---|-----------------------------------|---|---------------------------|--------------------|---|---|--|------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) |
| | 100% Electric Utility System Benefits | 50% Resource Benefits | Eligible Spending Budget + Regulatory Costs | =(a)+(b)-(c) | Net benefits at which design incentive pool is achieved | Set by PUC | =(f)/(e) | Achievement levels at which the Payout Rate Adjustments in (i) will be applied—Set by PUC | Factor to adjust Design Payout Rate for if final program achievement fall within the ranges in (h)—Set by PUC | =1.25*(f) | Yes if (d) ≤ 0; No if (d) >0 |
| | | | | | | | | | | Cap on sector payout regardless of achievement in sector | See Service Quality Table |
| Non-Income Eligible Residential | \$25,902,121 | \$9,895,703 | \$29,283,233 | \$6,514,590 | \$6,514,590 | \$658,315 | 10.1% | a. Achievement < 25% b. 25% ≤ Achievement < 50% c. 50% ≤ Achievement < 75% d. 75% ≤ Achievement * Spending > Planned Eligible Costs | a. 0.0 b. Achievement/100 + 0.1 c. Achievement/100 + 0.25 d. 1.0 * See Boundary Rules | \$822,893 | No |
| Income Eligible Residential | \$5,884,068 | \$2,731,625 | \$16,675,431 | -\$8,059,739 | \$2,000,000 | \$500,000 | 25.00% | | | \$625,000 | Yes |
| Commercial & Industrial | \$67,744,918 | -\$623,433 | \$40,394,285 | \$26,727,200 | \$26,727,200 | \$2,700,846 | 10.1% | | | \$3,376,058 | No |

Sector SQA = Maximum Service Adjustment(e) * Service Achievement Scaling Factor(g)

| | Planned Eligible Benefits | | Planned Eligible Costs | Design Service Achievement | Maximum Service Adjustment | Service Adjustment Thresholds | Service Achievement Scaling Factors | Achievement Cost Adjustment |
|---------------------------------|---------------------------------------|-----------------------|---|----------------------------|--|--|--|--|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
| | 100% Electric Utility System Benefits | 50% Resource Benefits | Eligible Spending Budget + Regulatory Costs | =(a)+(b) | Maximum downward adjustment to earned incentive—Set by PUC | Adjusted Achievement levels at which the Service Adjustments in (e) will be applied; adjustment is calculated in (h) | Factor to scale program achievement that fall within the ranges in (f) | Actual-cost-based adjustment factor applied to achievement. Result is if the difference between achievement and cost variances are greater than 5%, the Actual Achievement will be adjusted for use in |
| Non-Income Eligible Residential | \$25,902,121 | \$9,895,703 | \$29,283,233 | \$35,797,824 | \$0 | a. Adjusted Achievement < 65% b. 65% ≤ Adjusted Achievement < 95% c. 95% ≤ Adjusted Achievement | a. 1 b. (95-Adjusted Achievement)/30 c. 0 | Performance Variance = "Actual Benefits" / "Design Achievement" - "Spending" / "Planned Eligible Cost" If the absolute value (Performance Variance) ≤ 0.05, Then Adjusted Achievement = Actual Achievement Else Adjusted Achievement = Actual Achievement * (1+ Performance Variance) |
| Income Eligible Residential | \$5,884,068 | \$2,731,625 | \$16,675,431 | \$8,615,693 | \$333,628 | | | |
| Commercial & Industrial | \$67,744,918 | -\$623,433 | \$40,394,285 | \$67,121,485 | \$0 | | | |

**Table E-9
Rhode Island Energy
Revolving Loan Fund Projections**

| Large C&I Revolving Loan Fund | | | Small Business Revolving Loan Fund | | |
|---|-----------|------------------|---|-----------|------------------|
| (1) Total Loan Fund Deposits Through 2022 | \$ | 20,547,780 | (1) Total Loan Fund Deposits Through 2022 | \$ | 3,303,570 |
| (2) Current Loan Fund Balance | \$ | 4,360,123 | (2) Current Loan Fund Balance | \$ | 2,726,897 |
| <i>Loans Paid Year-To-Date</i> | \$ | 2,330,246 | <i>Loans Paid Year-To-Date</i> | \$ | 167,275 |
| <i>Repayments Year-To-Date</i> | \$ | 2,572,300 | <i>Repayments Year-To-Date</i> | \$ | 328,808 |
| (3) Projected Additional Loans by Year End 2022 | \$ | 4,880,000 | (3) Projected Additional Loans by Year End 2022 | \$ | 504,725 |
| (4) Projected Additional Repayments by Year End 2022 | \$ | 4,561,651 | (4) Projected Additional Repayments by Year End 2022 | \$ | 317,402 |
| (5) Projected Year End Loan Fund Balance 2022 | \$ | 4,041,773 | (5) Projected Year End Loan Fund Balance 2022 | \$ | 2,539,574 |
| (6) 2023 Fund Injection | \$ | 2,000,000 | (6) 2023 Fund Injection | \$ | - |
| (7) Projected Loan Fund Balance, January 2023 | \$ | 6,041,773 | (7) Projected Loan Fund Balance, January 2023 | \$ | 2,539,574 |
| (8) Projected Repayments throughout 2023 | \$ | 4,762,036 | (8) Projected Repayments throughout 2023 | \$ | 147,982 |
| (9) Estimated Loans in 2023 | \$ | 9,100,000 | (9) Estimated Loans in 2023 | \$ | 1,000,000 |
| (10) Projected Year End Loan Fund Balance 2023 | \$ | 1,703,810 | (10) Projected Year End Loan Fund Balance 2023 | \$ | 1,687,556 |

| Public Sector Revolving Loan Fund | | | Efficient Buildings Fund | | |
|---|-----------|---------------|---|----|------------|
| (1) Total Loan Fund Deposits Through 2022 | \$ | 53,994 | (1) Energy Efficiency Funds allocated to EBF through 2021 | \$ | 22,087,113 |
| (2) Current Loan Fund Balance | \$ | 46,798 | (2) Total EBF Loans Outstanding | \$ | 55,075,045 |
| <i>Funds returned to OER</i> | \$ | - | | | |
| <i>Repayments Year-To-Date</i> | \$ | 5,388 | | | |
| (3) Projected Additional Loans by Year End | \$ | - | | | |
| (4) Projected Additional Repayments by Year End | \$ | - | | | |
| (5) Projected Year End Loan Fund Balance 2022 | \$ | 46,798 | | | |
| (6) 2023 Fund Injection | \$ | - | | | |
| (7) Projected Loan Fund Balance, January 2023 | \$ | 46,798 | | | |
| (8) Projected Repayments throughout 2023 | \$ | - | | | |
| (9) Estimated Loans in 2023 | \$ | - | | | |
| (10) Projected Year End Loan Fund Balance 2023 | \$ | 46,798 | | | |

Notes

- (1) Funding injections since loan funds began. Net of any adjustments.
- (2) Current Loan Fund Balance is through May 2022; it includes all loans and repayments made by May 2022. Public Sector Revolving Loan Fund reduced by transfers to RI PEP Incentives. EBF reports in terms of loans outstanding.
- (3) Projected Loans from May to Year-End 2022 is estimated based on projects currently under construction that are anticipated to be paid out by year-end. It is difficult to project this amount accurately due to the fact that projects could be delayed by a month or two resulting in payment occurring in 2023 instead of 2022.
- (4) Projected Repayments from June to Year-End 2022 is estimated based on the monthly average amount of repayments.
- (5) Equal to (2) - (3) + (4).
- (6) Fund injection of \$2M for the Large C&I Revolving Loan Fund is included under the Finance Cost line in Table E-2.
- (7) Equal to (5) + (6).
- (8) Assumption based on monthly average repayments in 2022 over 12 month period; repayments accumulate over time and may vary widely.
- (9) Amount projected to be lent to customers in 2023
- (10) Equal to (7) + (8) - (9).

The 2023 Annual Plan only includes two values for Efficient Buildings Fund (EBF): 1) The Energy Efficiency Funds allocated to EBF through 2021. 2) Total EBF Loans Outstanding as of July 2022. Additional information is not available because RIB has informed the Company that, commencing with the 2022 Plan, it will not be providing forward looking projections to the Company regarding EBF. The Company is therefore unable to provide any future projections in the 2023 Annual Plan regarding EBF. The state's System Reliability and Least Cost procurement statute (amended in 2021) directs that \$5M shall be transferred to RIB. However, RIB has not informed the Company the statutory \$5M transfer to RIB in 2023 will go to EBF.

Table E-10
Rhode Island Energy
Rhode Island Electric Energy Efficiency 2003 - 2023
(\$'000)

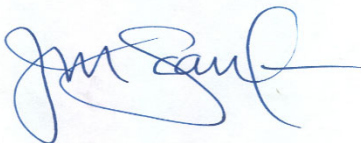
| Electric | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 ⁽¹⁾ | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 ⁽⁶⁾ | 2023 ⁽⁶⁾ | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|---------------------|-----------|
| Energy Efficiency Budget (\$Million) ⁽¹⁾ | \$23.1 | \$22.6 | \$23.1 | \$22.4 | \$22.5 | \$21.0 | \$32.4 | \$37.6 | \$59.2 | \$61.4 | \$77.5 | \$87.0 | \$86.6 | \$87.5 | \$94.6 | \$94.6 | \$107.5 | \$111.1 | \$116.8 | \$108.7 | \$102.4 | |
| Spending Budget (\$Million) ⁽²⁾ | \$16.3 | \$15.8 | \$17.6 | \$16.5 | \$16.4 | \$14.7 | \$23.5 | \$28.8 | \$45.3 | \$55.3 | \$64.8 | \$80.6 | \$77.3 | \$77.6 | \$88.5 | \$88.7 | \$98.1 | \$101.1 | \$104.8 | \$93.0 | \$85.8 | |
| Actual Expenditures (\$Million) ⁽³⁾ | \$22.8 | \$19.5 | \$23.4 | \$23.7 | \$21.9 | \$19.2 | \$31.7 | \$29.7 | \$40.0 | \$50.7 | \$72.9 | \$85.3 | \$87.4 | \$78.4 | \$94.8 | \$93.0 | \$100.7 | \$88.2 | \$94.6 | | | |
| Incentive Percentage ⁽⁴⁾ | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 4.4% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% | N/A | N/A | N/A | |
| Target Incentive | \$712,557 | \$781,959 | \$774,689 | \$726,627 | \$723,000 | \$647,689 | \$1,035,943 | \$1,267,043 | \$1,992,513 | \$2,434,131 | \$3,240,747 | \$4,032,000 | \$3,867,400 | \$3,878,087 | \$4,425,528 | \$4,436,022 | \$4,905,009 | \$5,054,448 | \$5,500,000 | \$3,390,165 | \$3,359,161 | |
| Earned Incentive | \$712,557 | \$604,876 | \$795,648 | \$760,623 | \$716,075 | \$675,282 | \$1,085,888 | \$1,333,996 | \$1,929,273 | \$2,469,411 | \$2,997,681 | \$4,223,321 | \$4,533,360 | \$4,128,034 | \$4,829,847 | \$4,940,402 | \$3,290,237 | \$3,242,675 | \$3,464,590 | | | |
| Annual Summer Demand kW Savings Goal Achieved (%) | | | | 106% | 106% | 113% | 142% | 78% | 71% | 83% | 114% | 78% | 112% | 101% | 103% | 116% | 98% | 79% | 83% | | | |
| Annual MWh Energy Savings Goal Achieved (%) | | | | 111% | 102% | 111% | 115% | 107% | 94% | 93% | 99% | 105% | 115% | 107% | 115% | 110% | 98% | 88% | 95% | | | |
| Energy Efficiency Program Charge (\$/kWh) ⁽⁷⁾ | \$0.00200 | \$0.00200 | \$0.00200 | \$0.00200 | \$0.00200 | \$0.00200 | \$0.00320 | \$0.00320 | \$0.00526 | \$0.00592 | \$0.00976 | \$0.00911 | \$0.00953 | \$0.01077 | \$0.01124 | \$0.00972 | \$0.01121 | \$0.01323 | \$0.01113 | \$0.01213 | -\$0.00137 | \$0.00956 |
| Annual Cost to 500 kWh/month Residential Customer w/o tax ⁽⁸⁾ | \$12.00 | \$12.00 | \$12.00 | \$12.00 | \$12.00 | \$12.00 | \$19.20 | \$19.20 | \$31.56 | \$35.52 | \$52.56 | \$54.66 | \$57.18 | \$64.62 | \$67.44 | \$58.32 | \$67.26 | \$79.38 | \$66.78 | \$72.78 | \$57.36 | |
| Annual Cost to 500 kWh/month Residential Customer w/ tax ⁽⁹⁾ | \$12.50 | \$12.50 | \$12.50 | \$12.50 | \$12.50 | \$12.50 | \$20.00 | \$20.00 | \$32.88 | \$37.00 | \$54.75 | \$56.94 | \$59.46 | \$67.31 | \$70.25 | \$60.75 | \$70.06 | \$82.69 | \$69.56 | \$75.81 | \$59.75 | |

Notes:
(1) Energy Efficiency Budget includes total expenditures and commitments. Includes all demand side management program-related expenses, including rebates, administration and general expenses, evaluation, commitments for future years and Company incentive.
(2) Prior to 2017, Spending Budget Eligible for Shareholder Incentive includes: Implementation, Administration, General, and Evaluation Expenses; excludes EERMC and OER Costs, Commitments, Copays, and Outside Finance Costs. Beginning in 2017, Outside Finance Costs were also included. Beginning in 2018 Pilot expenses were also excluded. Beginning in 2019 ConnectedSolutions expenses and assessments were also excluded.
(3) Actual Expenditures is actual spend during calendar year. Includes expenditures and commitments. Includes all demand side management program-related expenses, including rebates, administration and general expenses, evaluation, commitments for future years and Company incentive.
(4) In the Company's gas and electric rate cases in docket 4323, the PUC approved the uncollectibles gross-up in the electric EE Program Charge effective February 1, 2013, and a new rate applicable to the gross-up of the gas EE Program Charge, effective February 1, 2013.
(5) 2022 values are planned.
(6) 2023 values are proposed.
(7) Beginning in 2012, the EE Program Charge includes the System Reliability Factor. It does not include the \$0.0003 renewables per RI General Laws §39-2-1.2 and Order #19608, which appears on customer bills. In 2022, the surcharge was in effect for an 11 month period beginning February 1, 2022.
For 2023, the first value is the EE charge from January through March, and the second value is the EE charge from April through December.
(8) Reflects the annual cost excluding Gross Earnings Tax.
(9) Reflects the annual cost including Gross Earnings Tax.
(10) Incentive percentage not applicable for 2021 and going forward due to new performance incentive mechanism developed for the 2021 Annual Plan. See Section 11 of the Main Text of the 2023 Annual Plan for additional details.

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



Joanne M. Scanlon

September 15, 2023

Date

**Docket No. 22-33-EE – Rhode Island Energy’s Energy Efficiency Plan 2023
Service list updated 8/1/2023**

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