

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

	<b>Income Eligible Residential</b>	<b>Projections by Sector Non-Income Eligible Residential</b>	<b>Commercial &amp; Industrial</b>	<b>Total</b>
(1) <b>Projected Budget (from E-2):</b>	<b>\$16,488.8</b>	<b>\$34,151.9</b>	<b>\$52,020.9</b>	<b>\$102,661.7</b>
<b>Sources of Other Funding:</b>				
(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:	\$0.0	(\$72.4)	\$39,067.2	\$38,994.8
(4) Projected FCM Net Revenue from ISO-NE:	\$335.4	\$4,027.1	\$5,763.2	\$10,125.7
(5) <b>Total Other Funding:</b>	<b>\$335.4</b>	<b>\$3,954.7</b>	<b>\$44,830.4</b>	<b>\$49,120.5</b>
(6) <b>Customer Funding Required:</b>	<b>\$16,153.4</b>	<b>\$30,197.2</b>	<b>\$7,190.5</b>	<b>\$53,541.2</b>
(7) <b>Forecasted kWh Sales:</b>	<b>242,679,671</b>	<b>2,913,872,824</b>	<b>4,170,068,344</b>	<b>7,326,620,839</b>
(8) Energy Efficiency Program charge per kWh, excluding uncollectible recovery:				<b>\$0.00730</b>
(9) Proposed SRP Opex Factor per kWh, excluding uncollectible recovery:				<u>\$0.00000</u>
(10) Total Proposed Energy Efficiency Charge per kWh, excluding uncollectible recovery:				\$0.00730
(11) Currently Effective Uncollectible Rate				1.30%
(12) <b>Proposed Energy Efficiency Program Charge per kWh, including Uncollectible Recovery:</b>				\$0.00739
(13) Currently Effective Energy Efficiency Program Charge per kwh				<u>\$0.01222</u>
(14) Proposed Adjustment to Reflect Fully Reconciling Funding Mechanism				(\$0.00483)

Notes:

- (1) Projected Budget from E-2 includes OER and EERMC costs allocated to each sector based on forecasted sales.
- (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 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 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 assumes 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 the Company anticipates transferring these funds in accordance with RI Gen. Laws § 39-2-1.2(n) prior to December 31, 2022.
- (4) The total projection of FCM revenue is allocated by kWh sales to each sector.
- (5) Line (2) + Line (3) + Line (4)
- (6) Line (1) - Line (5)
- (7) Per Company Forecast
- (9) Truncated to 5 decimal places
- (11) Proposed SRP Opex Factor is \$0.00000.
- (10) Line (8) + Line (9)
- (11) Uncollectible rate approved in Docket No 4770.
- (12) Line (10) ÷ (1-Line (11)), truncated to 5 decimal places
- (13) 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.
- (14) Line (12) - Line (13)

**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
<b>Non-Income Eligible Residential</b>							
Residential New Construction	\$124.6	\$23.9	\$835.5	\$525.2	\$98.4		\$1,607.5
ENERGY STAR® HVAC	\$259.9	\$278.3	\$3,918.5	\$831.2	\$242.6		\$5,530.5
EnergyWise	\$495.4	\$355.5	\$13,055.5	\$1,480.8	\$262.8		\$15,649.9
EnergyWise Multifamily	\$126.8	\$67.8	\$984.4	\$139.9	\$26.4		\$1,345.3
Residential Consumer Products	\$119.8	\$427.6	\$1,232.1	\$688.3	\$24.4		\$2,492.1
Home Energy Reports	\$49.0	\$13.2	\$0.0	\$2,062.4	\$22.6		\$2,147.2
Residential ConnectedSolutions	\$82.8	\$11.5	\$1,503.7	\$347.8	\$22.7		\$1,968.5
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	\$622.5	\$622.5
<b>Subtotal - Non-Income Eligible Residential</b>	<b>\$1,296.5</b>	<b>\$1,624.7</b>	<b>\$21,635.5</b>	<b>\$6,075.5</b>	<b>\$699.8</b>	<b>\$622.5</b>	<b>\$31,954.5</b>
<b>Income Eligible Residential</b>							
Single Family - Income Eligible Services	\$453.2	\$132.1	\$9,496.5	\$1,890.9	\$81.2		\$12,053.9
Income Eligible Multifamily	\$165.2	\$14.3	\$3,502.1	\$531.9	\$38.5		\$4,252.0
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
<b>Subtotal - Income Eligible Residential</b>	<b>\$618.4</b>	<b>\$146.4</b>	<b>\$12,998.6</b>	<b>\$2,422.8</b>	<b>\$119.7</b>	<b>\$0.0</b>	<b>\$16,305.8</b>
<b>Commercial &amp; Industrial</b>							
Large Commercial New Construction	\$223.3	\$214.2	\$5,737.8	\$1,737.6	\$418.5		\$8,331.3
Large Commercial Retrofit	\$712.8	\$159.8	\$16,216.7	\$4,524.7	\$775.5		\$22,389.4
Small Business Direct Install	\$259.9	\$164.9	\$6,739.7	\$298.8	\$104.1		\$7,567.3
Commercial ConnectedSolutions	\$168.4	\$6.8	\$5,340.0	\$158.2	\$0.0		\$5,673.4
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	\$2,663.8	\$2,663.8
<b>Subtotal - Commercial &amp; Industrial</b>	<b>\$1,376.7</b>	<b>\$591.5</b>	<b>\$36,069.4</b>	<b>\$6,876.7</b>	<b>\$1,298.2</b>	<b>\$2,663.8</b>	<b>\$48,876.3</b>
<b>Regulatory</b>							
OER	\$965.4	\$0.0	\$0.0	\$0.0	\$0.0		\$965.4
EERMC	\$822.2	\$0.0	\$0.0	\$0.0	\$0.0		\$822.2
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$3,737.5	\$0.0	\$0.0		\$3,737.5
<b>Subtotal - Regulatory</b>	<b>\$1,787.6</b>	<b>\$0.0</b>	<b>\$3,737.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5,525.1</b>
<b>Grand Total</b>	<b>\$5,079.2</b>	<b>\$2,362.6</b>	<b>\$74,440.9</b>	<b>\$15,375.0</b>	<b>\$2,117.6</b>	<b>\$3,286.3</b>	<b>\$102,661.7</b>

**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 was approved by the EERMC on November 22nd, 2022 for a total between gas and electric of \$1,096,299.14, 75% of that total has been allocated to the electric budget, in accordance with the proportions of the gas and electric budget.
- (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)**

	<b>Proposed 2023 Budget From E-2</b>	<b>Commitments</b>	<b>Regulatory Costs</b>	<b>Performance Incentive</b>	<b>Eligible Sector PIM Budget for Performance Incentive on E-8B</b>	<b>Implementation Expenses for Cost- Effectiveness on E-5</b>
<b>Non-Income Eligible Residential</b>						
Residential New Construction	\$1,607.5					\$1,607.5
ENERGY STAR® HVAC	\$5,530.5					\$5,530.5
EnergyWise	\$15,649.9					\$15,649.9
EnergyWise Multifamily	\$1,345.3					\$1,345.3
Residential Consumer Products	\$2,492.1					\$2,492.1
Home Energy Reports	\$2,147.2					\$2,147.2
Residential ConnectedSolutions	\$1,968.5					\$1,968.5
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	\$622.5			\$622.5		\$0.0
<b>Subtotal - Non-Income Eligible Residential</b>	<b>\$31,954.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$622.5</b>	<b>\$29,363.6</b>	<b>\$31,332.0</b>
<b>Income Eligible Residential</b>						
Single Family - Income Eligible Services	\$12,053.9					\$12,053.9
Income Eligible Multifamily	\$4,252.0					\$4,252.0
Income Eligible Workforce Development	\$0.0					\$0.0
Income Eligible Performance Incentive	\$0.0			\$0.0		\$0.0
<b>Subtotal - Income Eligible Residential</b>	<b>\$16,305.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$16,305.8</b>	<b>\$16,305.8</b>
<b>Commercial &amp; Industrial</b>						
Large Commercial New Construction	\$8,331.3	\$0.0				\$8,331.3
Large Commercial Retrofit	\$22,389.4	\$0.0				\$22,389.4
Small Business Direct Install	\$7,567.3	\$0.0				\$7,567.3
Commercial ConnectedSolutions	\$5,673.4					\$5,673.4
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	\$2,663.8			\$2,663.8		\$0.0
<b>Subtotal - Commercial &amp; Industrial</b>	<b>\$48,876.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$2,663.8</b>	<b>\$40,486.6</b>	<b>\$46,212.4</b>
<b>Regulatory</b>						
OER	\$965.4		\$965.4			\$965.4
EERMC	\$822.2		\$822.2			\$822.2
Rhode Island Infrastructure Bank	\$3,737.5		\$3,737.5			\$3,737.5
<b>Subtotal - Regulatory</b>	<b>\$5,525.1</b>	<b>\$0.0</b>	<b>\$5,525.1</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5,525.1</b>
<b>Grand Total</b>	<b>\$102,661.7</b>	<b>\$0.0</b>	<b>\$5,525.1</b>	<b>\$3,286.3</b>	<b>\$86,156.0</b>	<b>\$99,375.4</b>

**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)**

	<b>Proposed Implementation Budget 2023</b>	<b>Approved Implementation Budget 2022</b>	<b>Difference</b>
<b>Non-Income Eligible Residential</b>			
Residential New Construction	\$1,607.5	\$1,617.0	-\$9.4
ENERGY STAR® HVAC	\$5,530.5	\$4,684.4	\$846.2
EnergyWise	\$15,649.9	\$15,557.0	\$93.0
EnergyWise Multifamily	\$1,345.3	\$3,238.3	-\$1,893.0
Residential Consumer Products	\$2,492.1	\$2,796.0	-\$303.9
Home Energy Reports	\$2,147.2	\$2,639.1	-\$492.0
Residential ConnectedSolutions	\$1,968.5	\$1,822.6	\$145.9
Community Based Initiatives - Residential	\$280.6	\$255.1	\$25.5
Comprehensive Marketing - Residential	\$310.5	\$247.9	\$62.5
<b>Subtotal - Non-Income Eligible Residential</b>	<b>\$31,332.0</b>	<b>\$32,857.4</b>	<b>-\$1,525.3</b>
<b>Income Eligible Residential</b>			
Single Family - Income Eligible Services	\$12,053.9	\$13,275.3	-\$1,221.5
Income Eligible Multifamily	\$4,252.0	\$3,538.9	\$713.0
<b>Subtotal - Income Eligible Residential</b>	<b>\$16,305.8</b>	<b>\$16,814.3</b>	<b>-\$508.4</b>
<b>Commercial &amp; Industrial</b>			
Large Commercial New Construction	\$8,331.3	\$9,034.1	-\$702.8
Large Commercial Retrofit	\$22,389.4	\$25,010.5	-\$2,621.1
Small Business Direct Install	\$7,567.3	\$8,883.3	-\$1,316.0
Commercial ConnectedSolutions	\$5,673.4	\$4,393.6	\$1,279.8
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
<b>Subtotal Commercial &amp; Industrial</b>	<b>\$46,212.4</b>	<b>\$49,564.1</b>	<b>-\$3,351.6</b>
<b>Regulatory</b>			
EERMC	\$822.2	\$766.2	\$56.0
OER	\$965.4	\$1,541.7	-\$576.3
Rhode Island Infrastructure Bank	\$3,737.5	\$3,737.5	\$0.0
<b>Subtotal Regulatory</b>	<b>\$5,525.1</b>	<b>\$6,045.4</b>	<b>-\$520.3</b>
<b>TOTAL IMPLEMENTATION BUDGET</b>	<b>\$99,375.4</b>	<b>\$105,281.1</b>	<b>-\$5,905.7</b>
<b>OTHER EXPENSE ITEMS</b>			
Commitments	\$0.0	\$0.0	\$0.0
Company Incentive	\$3,286.3	\$3,390.2	-\$103.8
<b>Subtotal - Other Expense Items</b>	<b>\$3,286.3</b>	<b>\$3,390.2</b>	<b>-\$103.8</b>
<b>TOTAL BUDGET</b>	<b>\$102,661.7</b>	<b>\$108,671.3</b>	<b>-\$6,009.6</b>

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)**

	<b>RI Test Benefit/ Cost<sup>1</sup></b>	<b>Total Benefit</b>	<b>Program Implementation Expenses<sup>2</sup></b>	<b>Customer Contribution</b>	<b>Performance Incentive</b>	<b>¢/Lifetime kWh</b>
<b>Non-Income Eligible Residential</b>						
Residential New Construction	1.79	\$4,003.5	\$1,607.5	\$634.6		¢17.1
ENERGY STAR® HVAC	2.72	\$21,708.5	\$5,530.5	\$2,464.5		¢11.3
EnergyWise	1.09	\$20,158.4	\$15,649.9	\$2,790.6		¢108.9
EnergyWise Multifamily	2.30	\$3,295.9	\$1,345.3	\$89.9		¢15.1
Home Energy Reports	2.73	\$5,862.7	\$2,147.2	\$0.0		¢8.8
Residential Consumer Products	2.29	\$7,261.1	\$2,492.1	\$683.3		¢10.0
Residential ConnectedSolutions	1.60	\$3,148.1	\$1,968.5	\$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			
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>1.69</b>	<b>\$65,438.1</b>	<b>\$31,332.0</b>	<b>\$6,662.9</b>	<b>\$622.5</b>	<b>¢22.8</b>
<b>Income Eligible Residential</b>						
Single Family - Income Eligible Services	1.78	\$21,466.4	\$12,053.9	\$0.0		¢54.3
Income Eligible Multifamily	1.19	\$5,039.4	\$4,252.0	\$0.0		¢25.4
Income Eligible Workforce Development			\$0.0			
<b>Income Eligible Residential SUBTOTAL</b>	<b>1.63</b>	<b>\$26,505.9</b>	<b>\$16,305.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>¢41.9</b>
<b>Commercial &amp; Industrial</b>						
Large Commercial New Construction	3.49	\$31,314.7	\$8,331.3	\$648.5		¢5.7
Large Commercial Retrofit	1.93	\$63,222.6	\$22,389.4	\$10,315.5		¢13.4
Small Business Direct Install	1.02	\$9,309.2	\$7,567.3	\$1,596.0		¢15.9
Commercial ConnectedSolutions	2.25	\$12,784.5	\$5,673.4	\$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			
<b>C&amp;I SUBTOTAL</b>	<b>1.90</b>	<b>\$116,631.0</b>	<b>\$46,212.4</b>	<b>\$12,560.0</b>	<b>\$2,663.8</b>	<b>¢12.8</b>
<b>Regulatory</b>						
OER			\$965.4			
EERMC			\$822.2			
Rhode Island Infrastructure Bank			\$3,737.5			
<b>Regulatory SUBTOTAL</b>			<b>\$5,525.1</b>			
<b>TOTAL</b>	<b>1.71</b>	<b>\$208,575.0</b>	<b>\$99,375</b>	<b>\$19,222.8</b>	<b>\$3,286.3</b>	<b>¢17.8</b>

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)**

	<b>Program Implementation Expenses<sup>1</sup></b>	<b>RI Economic Multiplier (GDP/\$ Program Impl.)</b>	<b>Economic Benefits</b>	<b>RI Job Years Multiplier (Job Years/\$M Program Impl.)</b>	<b>Job Years</b>
<b>Non-Income Eligible Residential</b>					
Residential New Construction	\$1,607.5	\$1.56	\$2,507.8	14.8	24
ENERGY STAR® HVAC	\$5,530.5	\$1.58	\$8,738.2	12.2	67
EnergyWise	\$15,649.9	\$1.05	\$16,432.4	12.3	192
EnergyWise Multifamily	\$1,345.3	\$1.45	\$1,950.6	14.8	20
Home Energy Reports	\$2,147.2	\$1.65	\$3,542.9	13.6	29
Residential Consumer Products	\$2,492.1	\$1.11	\$2,766.2	8.5	21
Residential ConnectedSolutions	\$1,968.5	\$0.83	\$1,633.8	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		-
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>\$31,332.0</b>		<b>\$37,571.9</b>		<b>368</b>
<b>Income Eligible Residential</b>					
Single Family - Income Eligible Services	\$12,053.9	\$0.96	\$11,571.7	10.9	131
Income Eligible Multifamily	\$4,252.0	\$1.30	\$5,527.6	13.4	57
Income Eligible Workforce Development	\$0.0		\$0.0		-
<b>Income Eligible Residential SUBTOTAL</b>	<b>\$16,305.8</b>		<b>\$17,099.3</b>		<b>188</b>
<b>Commercial &amp; Industrial</b>					
Large Commercial New Construction	\$8,331.3	\$2.74	\$22,827.8	19.0	158
Large Commercial Retrofit	\$22,389.4	\$5.28	\$118,216.1	51.4	1,151
Small Business Direct Install	\$7,567.3	\$1.53	\$11,578.0	12.3	93
Commercial ConnectedSolutions	\$5,673.4	\$2.19	\$12,424.8	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		-
<b>C&amp;I SUBTOTAL</b>	<b>\$46,212.4</b>		<b>\$165,046.7</b>		<b>1,501</b>
<b>Regulatory</b>					
OER	\$965.4		\$0.0		-
EERMC	\$822.2		\$0.0		-
Rhode Island Infrastructure Bank	\$3,737.5		\$0.0		-
<b>Regulatory SUBTOTAL</b>	<b>\$5,525.1</b>		<b>\$0.0</b>		<b>-</b>
<b>TOTAL</b>	<b>\$99,375.4</b>		<b>\$219,717.9</b>		<b>2,057</b>

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)**

	<b>TRC Benefit/ Cost<sup>1</sup></b>	<b>Total Benefit</b>	<b>Program Implementation Expenses<sup>2</sup></b>	<b>Customer Contribution</b>	<b>Performance Incentive</b>	<b>¢/Lifetime kWh</b>
<b>Non-Income Eligible Residential</b>						
Residential New Construction	1.45	\$3,248.6	\$1,607.5	\$634.6		17.1
ENERGY STAR® HVAC	2.12	\$16,958.2	\$5,530.5	\$2,464.5		11.3
EnergyWise	0.84	\$15,488.8	\$15,649.9	\$2,790.6		108.9
EnergyWise Multifamily	1.97	\$2,821.4	\$1,345.3	\$89.9		15.1
Home Energy Reports	1.94	\$4,159.5	\$2,147.2	\$0.0		8.8
Residential Consumer Products	1.74	\$5,512.4	\$2,492.1	\$683.3		10.0
Residential ConnectedSolutions	1.60	\$3,145.0	\$1,968.5	\$0.0		N/A
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
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>1.33</b>	<b>\$51,333.8</b>	<b>\$31,332.0</b>	<b>\$6,662.9</b>	<b>\$622.5</b>	<b>22.8</b>
<b>Income Eligible Residential</b>						
Single Family - Income Eligible Services	1.54	\$18,557.5	\$12,053.9	\$0.0		54.3
Income Eligible Multifamily	0.98	\$4,158.8	\$4,252.0	\$0.0		25.4
<b>Income Eligible Residential SUBTOTAL</b>	<b>1.39</b>	<b>\$22,716.3</b>	<b>\$16,305.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>41.9</b>
<b>Commercial &amp; Industrial</b>						
Large Commercial New Construction	2.78	\$24,948.0	\$8,331.3	\$648.5		5.7
Large Commercial Retrofit	1.54	\$50,442.1	\$22,389.4	\$10,315.5		13.4
Small Business Direct Install	0.71	\$6,537.3	\$7,567.3	\$1,596.0		15.9
Commercial ConnectedSolutions	2.25	\$12,784.5	\$5,673.4			N/A
Commercial Pilots			\$0.0			
Community Based Initiatives - C&I			\$93.5			
Finance Costs			\$2,000.0			
Commercial Workforce Development			\$157.5			
<b>C&amp;I SUBTOTAL</b>	<b>1.54</b>	<b>\$94,711.9</b>	<b>\$46,212.4</b>	<b>\$12,560.0</b>	<b>\$2,663.8</b>	<b>12.8</b>
<b>Regulatory</b>						
OER			\$965.4			
EERMC			\$822.2			
Rhode Island Infrastructure Bank			\$3,737.5			
<b>Regulatory SUBTOTAL</b>			<b>\$5,525.1</b>			
<b>TOTAL</b>	<b>1.38</b>	<b>\$168,762.0</b>	<b>\$99,375.4</b>	<b>\$19,222.8</b>	<b>\$3,286.3</b>	<b>17.8</b>

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								
<b>Non-Income Eligible Residential</b>																			
Residential New Construction	\$6,511	\$4,004	\$13	\$13	\$28	\$31	\$0	\$391	\$514	\$88	\$71	\$271	\$0	\$353	\$1,396	\$80	\$728	\$27	\$2,508
ENERGY STAR® HVAC	\$30,447	\$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	\$8,738
EnergyWise	\$36,591	\$20,158	\$166	\$227	\$365	\$414	\$3	\$383	\$397	\$217	\$188	\$396	\$0	\$10,400	\$1,688	\$646	\$4,145	\$525	\$16,432
EnergyWise Multifamily	\$5,247	\$3,296	\$59	\$66	\$126	\$144	\$1	\$180	\$211	\$152	\$133	\$203	\$0	\$247	\$52	\$1,248	\$457	\$18	\$1,951
Home Energy Reports	\$9,406	\$5,863	\$243	\$984	\$363	\$413	\$62	\$612	\$526	\$237	\$183	\$538	\$0	\$0	\$0	\$0	\$1,685	\$18	\$3,543
Residential Consumer Products	\$10,027	\$7,261	\$269	\$698	\$664	\$753	\$8	\$597	\$625	\$384	\$366	\$982	\$0	\$70	\$97	\$1	\$1,723	\$26	\$2,766
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>\$98,228</b>	<b>\$62,290</b>	<b>\$1,332</b>	<b>\$2,501</b>	<b>\$2,767</b>	<b>\$3,141</b>	<b>\$80</b>	<b>\$4,361</b>	<b>\$5,012</b>	<b>\$1,418</b>	<b>\$1,228</b>	<b>\$4,062</b>	<b>-\$3</b>	<b>\$16,545</b>	<b>\$3,250</b>	<b>\$2,495</b>	<b>\$13,177</b>	<b>\$924</b>	<b>\$35,938</b>
<b>Income Eligible Residential</b>																			
Single Family - Income Eligible Services	\$33,038	\$21,466	\$183	\$213	\$394	\$447	\$3	\$519	\$557	\$267	\$274	\$470	\$24	\$5,341	\$410	\$9,455	\$2,629	\$280	\$11,572
Income Eligible Multifamily	\$10,567	\$5,039	\$13	\$26	\$30	\$34	\$0	\$434	\$417	\$127	\$110	\$322	-\$40	\$924	\$45	\$1,716	\$831	\$50	\$5,528
<b>Income Eligible Residential SUBTOTAL</b>	<b>\$43,605</b>	<b>\$26,506</b>	<b>\$196</b>	<b>\$239</b>	<b>\$424</b>	<b>\$481</b>	<b>\$3</b>	<b>\$953</b>	<b>\$974</b>	<b>\$394</b>	<b>\$384</b>	<b>\$792</b>	<b>-\$15</b>	<b>\$6,265</b>	<b>\$456</b>	<b>\$11,171</b>	<b>\$3,460</b>	<b>\$329</b>	<b>\$17,099</b>
<b>Commercial &amp; Industrial</b>																			
Large Commercial New Construction	\$54,143	\$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	\$22,828
Large Commercial Retrofit	\$181,439	\$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	\$118,216
Small Business Direct Install	\$20,887	\$9,309	\$186	\$566	\$476	\$540	\$7	\$1,249	\$713	\$975	\$493	\$1,847	-\$113	-\$571	\$0	\$165	\$2,775	\$0	\$11,578
<b>C&amp;I SUBTOTAL</b>	<b>\$256,468</b>	<b>\$103,846</b>	<b>\$3,013</b>	<b>\$6,462</b>	<b>\$7,129</b>	<b>\$8,089</b>	<b>\$78</b>	<b>\$10,406</b>	<b>\$7,528</b>	<b>\$7,209</b>	<b>\$4,685</b>	<b>\$13,147</b>	<b>-\$653</b>	<b>-\$600</b>	<b>\$6</b>	<b>\$15,411</b>	<b>\$21,711</b>	<b>\$226</b>	<b>\$152,622</b>
<b>TOTAL</b>	<b>\$398,302</b>	<b>\$192,642</b>	<b>\$4,542</b>	<b>\$9,202</b>	<b>\$10,319</b>	<b>\$11,711</b>	<b>\$161</b>	<b>\$15,719</b>	<b>\$13,514</b>	<b>\$9,021</b>	<b>\$6,297</b>	<b>\$18,000</b>	<b>-\$671</b>	<b>\$22,210</b>	<b>\$3,711</b>	<b>\$29,078</b>	<b>\$38,348</b>	<b>\$1,480</b>	<b>\$205,659</b>

**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)	Summer Generation	Capacity				Energy				Non Electric Non Resource	Societal		Summer				Annual
				Capacity DRIPE	Trans	Dist	Reliability	Winter		Summer			Energy DRIPE	Carbon		Economic			
								Peak	Off Peak	Peak	Off Peak								
<b>Non-Income Eligible Residential</b>																			
Residential Connected Solutions	\$4,782	\$3,148	\$232	\$939	\$854	\$971	\$145	\$0	\$0	\$2	\$1	\$1	\$0	\$3	\$1,634	7.9	0.1	0.1	
<b>Commercial &amp; Industrial</b>																			
Commercial Connected Solutions	\$25,209	\$12,785	\$749	\$3,034	\$3,904	\$4,436	\$662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,425	36.0	0.0	0.0	
<b>TOTAL</b>	<b>\$29,991</b>	<b>\$15,933</b>	<b>\$980</b>	<b>\$3,973</b>	<b>\$4,759</b>	<b>\$5,406</b>	<b>\$807</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2</b>	<b>\$1</b>	<b>\$1</b>	<b>\$0</b>	<b>\$3</b>	<b>\$14,059</b>	<b>43.9</b>	<b>0.1</b>	<b>0.1</b>	

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

	Electric Energy Savings						Gas Savings			Oil Saved			Propane Saved			Total Savings (Electric, Gas, Oil, Propane)			
	Load Reduction in kW		MWh		MMBtu		short tons CO <sub>2</sub>	MMBtu		short tons CO <sub>2</sub>	MMBtu		short tons CO <sub>2</sub>	MMBtu		short tons CO <sub>2</sub>	MMBtu		short tons CO <sub>2</sub>
	Summer	Winter	Annual	Lifetime	Annual	Lifetime	Annual <sup>2</sup>	Annual	Lifetime	Annual <sup>2</sup>	Annual	Lifetime	Annual <sup>2</sup>	Annual	Lifetime	Annual <sup>2</sup>	Annual	Lifetime	Annual <sup>2</sup>
<b>Non-Income Eligible Residential</b>																			
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	211,751	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	83,081	24,350	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
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>5,462</b>	<b>7,198</b>	<b>37,513</b>	<b>166,665</b>	<b>127,996</b>	<b>568,661</b>	<b>16,244</b>	<b>(33)</b>	<b>(424)</b>	<b>(2)</b>	<b>34,073</b>	<b>637,476</b>	<b>3,123</b>	<b>3,186</b>	<b>69,170</b>	<b>249</b>	<b>165,222</b>	<b>1,274,882</b>	<b>19,613</b>
<b>Income Eligible Residential</b>																			
Single Family - Income Eligible Services	367	415	2,433	22,187	8,303	75,702	959	304	3,648	18	11,651	206,091	938	756	6,849	53	21,014	292,290	1,967
Income Eligible Multifamily	89	132	1,245	16,728	4,249	57,077	491	(291)	(5,813)	(17)	2,049	37,509	165	10	250	1	6,018	89,023	639
<b>Income Eligible Residential SUBTOTAL</b>	<b>456</b>	<b>547</b>	<b>3,679</b>	<b>38,915</b>	<b>12,552</b>	<b>132,779</b>	<b>1,450</b>	<b>13</b>	<b>(2,165)</b>	<b>1</b>	<b>13,700</b>	<b>243,599</b>	<b>1,103</b>	<b>766</b>	<b>7,099</b>	<b>53</b>	<b>27,032</b>	<b>381,313</b>	<b>2,607</b>
<b>Commercial &amp; Industrial</b>																			
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
<b>C&amp;I SUBTOTAL</b>	<b>8,157</b>	<b>7,405</b>	<b>55,001</b>	<b>460,338</b>	<b>187,663</b>	<b>1,570,672</b>	<b>31,235</b>	<b>(14,437)</b>	<b>(77,151)</b>	<b>(1,171)</b>	<b>(4,502)</b>	<b>(27,346)</b>	<b>(418)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>168,724</b>	<b>1,466,175</b>	<b>29,646</b>
<b>TOTAL</b>	<b>14,076</b>	<b>15,151</b>	<b>96,193</b>	<b>665,918</b>	<b>328,211</b>	<b>2,272,112</b>	<b>48,929</b>	<b>(14,457)</b>	<b>(79,739)</b>	<b>(1,172)</b>	<b>43,271</b>	<b>853,729</b>	<b>3,808</b>	<b>3,952</b>	<b>76,269</b>	<b>302</b>	<b>360,977</b>	<b>3,122,371</b>	<b>51,866</b>

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**  
17,990

	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)
<b>Non-Income Eligible Residential</b>														
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		-2,503	-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
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>166,665</b>	<b>7,878</b>	<b>37,513</b>	<b>5,462</b>	<b>1,274,882</b>	<b>327,554</b>	<b>201,325</b>	<b>43,435</b>	<b>5,691</b>	<b>7,365</b>	<b>-34,660</b>	<b>-5,922</b>	<b>-229</b>	<b>513</b>
<b>Income Eligible Residential</b>														
Single Family - Income Eligible Services	22,187		2,433	367	292,290	3,111	38,506	3,314	480		-16,319	-880		-112
Income Eligible Multifamily	16,728		1,245	89	89,023	2,786	24,309	1,538	49		-7,581	-292		40
<b>Income Eligible Residential SUBTOTAL</b>	<b>38,915</b>	<b>0</b>	<b>3,679</b>	<b>456</b>	<b>381,313</b>	<b>5,897</b>	<b>62,816</b>	<b>4,851</b>	<b>529</b>	<b>0</b>	<b>-23,900</b>	<b>-1,173</b>	<b>-73</b>	<b>0</b>
<b>Commercial &amp; Industrial</b>														
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
<b>C&amp;I SUBTOTAL</b>	<b>460,338</b>	<b>36,000</b>	<b>55,001</b>	<b>8,157</b>	<b>1,466,175</b>	<b>2,741</b>	<b>569,668</b>	<b>63,696</b>	<b>11,139</b>	<b>32,400</b>	<b>-109,330</b>	<b>-8,695</b>	<b>-2,981</b>	<b>3,600</b>
<b>TOTAL</b>	<b>665,918</b>	<b>43,878</b>	<b>96,193</b>	<b>14,076</b>	<b>3,122,371</b>	<b>336,192</b>	<b>833,808</b>	<b>111,983</b>	<b>17,359</b>	<b>39,765</b>	<b>-167,890</b>	<b>-15,790</b>	<b>-3,283</b>	<b>4,113</b>

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
<b>Non-Income Eligible Residential</b>																		
Residential New Construction	\$13	\$13	\$28	\$31	\$0	\$391	\$514	\$88	\$71	\$271	\$0	\$0	\$353	\$1,396	\$80	\$728	\$27	\$2,508
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	\$8,738
EnergyWise	\$166	\$227	\$365	\$414	\$3	\$383	\$397	\$217	\$188	\$396	\$0	\$0	\$10,400	\$1,688	\$646	\$4,145	\$525	\$16,432
EnergyWise Multifamily	\$59	\$66	\$126	\$144	\$1	\$180	\$211	\$152	\$133	\$203	\$0	\$0	\$247	\$52	\$1,248	\$457	\$18	\$1,951
Home Energy Reports	\$243	\$984	\$363	\$413	\$62	\$612	\$526	\$237	\$183	\$538	\$0	\$0	\$0	\$0	\$0	\$1,685	\$18	\$3,543
Residential Consumer Products	\$269	\$698	\$664	\$753	\$8	\$597	\$625	\$384	\$366	\$982	\$0	\$0	\$70	\$97	\$1	\$1,723	\$26	\$2,766
<b>Non-Income Eligible Residential SUBTOTAL</b>	<b>\$1,332</b>	<b>\$2,501</b>	<b>\$2,767</b>	<b>\$3,141</b>	<b>\$80</b>	<b>\$4,361</b>	<b>\$5,012</b>	<b>\$1,418</b>	<b>\$1,228</b>	<b>\$4,062</b>	<b>\$0</b>	<b>-\$3</b>	<b>\$16,545</b>	<b>\$3,250</b>	<b>\$2,495</b>	<b>\$13,177</b>	<b>\$924</b>	<b>\$35,938</b>
<b>Income Eligible Residential</b>																		
Single Family - Income Eligible Services	\$183	\$213	\$394	\$447	\$3	\$519	\$557	\$267	\$274	\$470	\$239	\$24	\$5,341	\$410	\$9,216	\$2,629	\$280	\$11,572
Income Eligible Multifamily	\$13	\$26	\$30	\$34	\$0	\$454	\$417	\$127	\$110	\$322	\$5	-\$40	\$924	\$45	\$1,711	\$831	\$50	\$5,528
<b>Income Eligible Residential SUBTOTAL</b>	<b>\$196</b>	<b>\$239</b>	<b>\$424</b>	<b>\$481</b>	<b>\$3</b>	<b>\$953</b>	<b>\$974</b>	<b>\$394</b>	<b>\$384</b>	<b>\$792</b>	<b>\$244</b>	<b>-\$15</b>	<b>\$6,265</b>	<b>\$456</b>	<b>\$10,928</b>	<b>\$3,460</b>	<b>\$329</b>	<b>\$17,099</b>
<b>Commercial &amp; Industrial</b>																		
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	\$22,828
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	\$118,216
Small Business Direct Install	\$186	\$566	\$476	\$540	\$7	\$1,249	\$713	\$975	\$493	\$1,847	\$0	-\$113	-\$571	\$0	\$165	\$2,775	\$0	\$11,578
<b>C&amp;I SUBTOTAL</b>	<b>\$3,013</b>	<b>\$6,462</b>	<b>\$7,129</b>	<b>\$8,089</b>	<b>\$78</b>	<b>\$10,406</b>	<b>\$7,528</b>	<b>\$7,209</b>	<b>\$4,685</b>	<b>\$13,147</b>	<b>\$0</b>	<b>-\$653</b>	<b>-\$600</b>	<b>\$6</b>	<b>\$15,411</b>	<b>\$21,711</b>	<b>\$226</b>	<b>\$152,622</b>
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
<b>Non-Income Eligible Residential SUBTOTAL</b>	\$29,364	\$274	\$29,638
<b>Income Eligible Residential SUBTOTAL</b>	\$16,306	\$274	\$16,580
<b>C&amp;I SUBTOTAL</b>	\$40,487	\$274	\$40,761
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 and RIIB 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	\$29,637,662	\$6,160,161	\$6,160,161	\$622,499	10.1%	a. Achievement < 25%	a. 0.0	\$778,124	No
Income Eligible Residential	\$5,083,335	\$3,352,694	\$16,579,911	-\$8,143,882	\$2,000,000	\$500,000	25.00%	b. 25% ≤ Achievement < 50% c. 50% ≤ Achievement < 75% d. 75% ≤ Achievement • Spending > Planned Eligible Costs	b. Achievement/100 + 0.1 c. Achievement/100 + 0.25 d. 1.0 • See Boundary Rules	\$625,000	Yes
Commercial & Industrial	\$67,744,918	-\$623,433	\$40,760,683	\$26,360,802	\$26,360,802	\$2,663,821	10.1%			\$3,329,776	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	\$29,637,662	\$35,797,824	\$0	a. Adjusted Achievement < 65%	a. 1	Performance Variance = "Actual Benefits" / "Design Achievement" - "Spending" / "Planned Eligible Cost"
Income Eligible Residential	\$5,083,335	\$3,352,694	\$16,579,911	\$8,436,029	\$326,670	b. 65% ≤ Adjusted Achievement < 95%	b. (95-Adjusted Achievement)/30	If the absolute value (Performance Variance) ≤ 0.05, Then Adjusted Achievement = Actual Achievement
Commercial & Industrial	\$67,744,918	-\$623,433	\$40,760,683	\$67,121,485	\$0	c. 95% ≤ Adjusted Achievement	c. 0	Else Adjusted Achievement = Actual Achievement * (1+ Performance Variance)

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

<b>Large C&amp;I Revolving Loan Fund</b>			<b>Small Business Revolving Loan Fund</b>		
(1)	<b>Total Loan Fund Deposits Through 2022</b>	<b>\$ 20,547,780</b>	(1)	<b>Total Loan Fund Deposits Through 2022</b>	<b>\$ 3,303,570</b>
(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)	<b>Projected Year End Loan Fund Balance 2022</b>	<b>\$ 4,041,773</b>	(5)	<b>Projected Year End Loan Fund Balance 2022</b>	<b>\$ 2,539,574</b>
(6)	2023 Fund Injection	\$ 2,000,000	(6)	2023 Fund Injection	\$ -
(7)	<b>Projected Loan Fund Balance, January 2023</b>	<b>\$ 6,041,773</b>	(7)	<b>Projected Loan Fund Balance, January 2023</b>	<b>\$ 2,539,574</b>
(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)	<b>Projected Year End Loan Fund Balance 2023</b>	<b>\$ 1,703,810</b>	(10)	<b>Projected Year End Loan Fund Balance 2023</b>	<b>\$ 1,687,556</b>
<b>Public Sector Revolving Loan Fund</b>			<b>Efficient Buildings Fund</b>		
(1)	<b>Total Loan Fund Deposits Through 2022</b>	<b>\$ 53,994</b>	(1)	<b>Energy Efficiency Funds allocated to EBF through 202</b>	<b>\$ 22,087,113</b>
(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)	<b>Projected Year End Loan Fund Balance 2022</b>	<b>\$ 46,798</b>			
(6)	2023 Fund Injection	\$ -			
(7)	<b>Projected Loan Fund Balance, January 2023</b>	<b>\$ 46,798</b>			
(8)	Projected Repayments throughout 2023	\$ -			
(9)	Estimated Loans in 2023	\$ -			
(10)	<b>Projected Year End Loan Fund Balance 2023</b>	<b>\$ 46,798</b>			

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 (11) is not available because RIIB 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 RIIB. However, RIIB has not informed the Company the statutory \$5M transfer to RIIB 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 <sup>(4)</sup>	2014	2015	2016	2017	2018	2019	2020	2021	2022 <sup>(5)</sup>	2023 <sup>(6)</sup>
Energy Efficiency Budget (\$Million) <sup>(1)</sup>	\$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	\$102.7
Spending Budget (\$Million) <sup>(2)</sup>	\$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	\$86.2
Actual Expenditures (\$Million) <sup>(3)</sup>	\$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 <sup>(10)</sup>	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	\$3,286,320
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) <sup>(7)</sup>	\$0.00200	\$0.00200	\$0.00200	\$0.00200	\$0.00200	\$0.00200	\$0.00320	\$0.00320	\$0.00526	\$0.00592	\$0.00876	\$0.00911	\$0.00953	\$0.01077	\$0.01124	\$0.00972	\$0.01121	\$0.01323	\$0.01113	\$0.01213	\$0.00739
Annual Cost to 500 kWh/month Residential Customer w/o tax <sup>(8)</sup>	\$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	\$44.34
Annual Cost to 500 kWh/month Residential Customer w/ tax <sup>(9)</sup>	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$20.00	\$20.00	\$32.88	\$37.00	\$54.75	\$56.94	\$59.56	\$67.31	\$70.25	\$60.75	\$70.06	\$82.69	\$69.56	\$75.81	\$46.19

**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.
- (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.