

Table E-1
Rhode Island Energy
2024 DSM Funding Sources by Sector (\$000)

	Residential	Income Eligible Residential	Commercial & Industrial	Portfolio
(1) Projected Budget	\$36,386,375	\$15,106,545	\$57,929,901	\$115,774,419
Sources of Other Funding	\$0	\$0	\$0	\$0
(2) Projected DSM Commitments from Previous Year	\$0	\$0	\$0	\$0
(3) Projected Fund Balance and Interest from Previous Year	-\$9,465,175	\$400,361	\$17,832,144	\$8,767,330
(4) Projected FCM Net Revenue from ISO-NE	\$4,156,144	\$346,166	\$5,922,660	\$10,424,970
(5) Total Other Funding	-\$5,309,031	\$746,526	\$23,754,804	\$19,192,300
(6) Customer Funding Required	\$41,695,406	\$14,360,019	\$34,175,096	\$96,582,120
(7) Forecasted kWh Sales	2,921,692,939	243,348,090	4,163,521,503	7,328,562,532
(8) Energy Efficiency Program Charge per kWh (Excluding Uncollectible Recovery)				\$0.01317
(9) Proposed SRP Opex Factor per kWh (Excluding Uncollectible Recovery)				\$0.00000
(10) Total Proposed Energy Efficiency Charge per kWh (Excluding Uncollectible Recovery)				\$0.01317
(11) Currently Effective Uncollectible Rate				1.3%
(12) Proposed Energy Efficiency Program Charge per kWh (Including Uncollectible Recovery)				\$0.01334
(13) Currently Effective Energy Efficiency Program Charge per kWh				\$0.00960
(14) Proposed Adjustment to Reflect Fully Reconciling Funding Mechanism				\$0.00374

Notes:

**Table E-2
Rhode Island Energy
2024 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
Residential							
Residential New Construction	\$122.1	\$23.9	\$617.0	\$531.6	\$57.8		\$1,352.5
Residential HVAC	\$324.1	\$277.5	\$2,376.6	\$846.2	\$59.2		\$3,883.6
EnergyWise Single Family	\$426.1	\$355.1	\$13,677.0	\$1,493.6	\$178.3		\$16,130.2
EnergyWise Multifamily	\$112.4	\$67.7	\$746.5	\$143.9	\$16.3		\$1,086.8
Home Energy Reports	\$28.1	\$13.2	\$0.0	\$2,053.2	\$19.8		\$2,114.4
Residential Consumer Products	\$112.3	\$426.3	\$818.7	\$696.7	\$24.9		\$2,078.9
Energy Efficiency Education	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Comprehensive Marketing - Residential	\$0.7	\$310.8	\$0.0	\$0.0	\$0.0		\$311.5
Community Based Initiatives - Residential	\$0.0	\$137.5	\$0.0	\$0.0	\$0.0		\$137.5
Residential Pilots	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Residential Workforce Development	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Residential Performance Incentive						\$1,339.7	\$1,339.7
Subtotal	\$1,126.0	\$1,612.1	\$18,235.9	\$5,765.1	\$356.3	\$1,339.7	\$28,435.1
Income Eligible Residential							
Income Eligible Single Family	\$343.8	\$132.1	\$9,823.3	\$1,900.2	\$127.4		\$12,326.8
Income Eligible Multifamily	\$213.9	\$14.3	\$1,954.0	\$541.2	\$56.3		\$2,779.8
Income Eligible Workforce Development	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Income Eligible Performance Incentive						\$0.0	\$0.0
Subtotal	\$557.7	\$146.4	\$11,777.3	\$2,441.4	\$183.7	\$0.0	\$15,106.5
Commercial & Industrial							
Large C&I New Construction	\$237.9	\$214.1	\$6,531.2	\$1,720.6	\$635.5		\$9,339.4
Large C&I Retrofit	\$724.0	\$158.9	\$17,428.0	\$4,316.1	\$665.1		\$23,292.1
Small Business Direct Install	\$269.2	\$164.7	\$7,070.7	\$265.3	\$394.5		\$8,164.3
C&I Financing	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Community Based Initiatives - C&I	\$2.5	\$0.0	\$0.0	\$9.0	\$0.0		\$11.4
Commercial Pilots	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Commercial Workforce Development	\$0.0	\$0.0	\$0.0	\$157.5	\$0.0		\$157.5
Commercial & Industrial Performance Incentive						\$4,299.8	\$4,299.8
Subtotal	\$1,233.5	\$537.7	\$31,029.9	\$6,468.4	\$1,695.2	\$4,299.8	\$45,264.6
Portfolio							
EERMC	\$1,045.6	\$0.0	\$0.0	\$0.0	\$0.0		\$1,045.6
OER	\$1,568.5	\$0.0	\$0.0	\$0.0	\$0.0		\$1,568.5
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$3,737.5	\$0.0	\$0.0		\$3,737.5
Subtotal	\$2,614.1	\$0.0	\$3,737.5	\$0.0	\$0.0	\$0.0	\$6,351.6
Grand Total	\$5,531.3	\$2,296.3	\$64,780.6	\$14,674.9	\$2,235.3	\$5,639.5	\$95,157.8

Notes:

- (1) For more information on finance costs, please refer to Attachment 2, Section 9.
- (2) OER budget is equal to 3% of 60% of SBC collections. EERMC budget is equal to 3% of 40% of SBC collections.
- (3) Demonstrations and assessments budgets are included in specific program level budgets listed above. More information on demonstration and assessments can be found in Attachment 8.

**Table E-3
Rhode Island Energy
2024 PIM Budget (\$000)**

	Proposed 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
Residential						
Residential New Construction	\$1,352.5					\$1,352.5
Residential HVAC	\$3,883.6					\$3,883.6
EnergyWise Single Family	\$16,130.2					\$16,130.2
EnergyWise Multifamily	\$1,086.8					\$1,086.8
Home Energy Reports	\$2,114.4					\$2,114.4
Residential Consumer Products	\$2,078.9					\$2,078.9
Energy Efficiency Education	\$0.0					\$0.0
Comprehensive Marketing - Residential	\$311.5					\$311.5
Community Based Initiatives - Residential	\$137.5					\$137.5
Residential Pilots	\$0.0					\$0.0
Residential Workforce Development	\$0.0					\$0.0
Home Services	\$18,569.6					\$18,569.6
Residential Performance Incentive	\$1,339.7			\$1,339.7		
Subtotal	\$28,435.1	\$0.0	\$0.0	\$1,339.7	\$27,095.5	\$27,095.5
Income Eligible Residential						
Income Eligible Services	\$15,106.5					\$15,106.5
Income Eligible Outreach and Engagement Program	\$0.0					\$0.0
Income Eligible Performance Incentive	\$0.0			\$0.0		
Subtotal	\$15,106.5	\$0.0	\$0.0	\$0.0	\$15,106.5	\$15,106.5
Commercial & Industrial						
Large C&I New Construction	\$9,339.4					\$9,339.4
Large C&I Retrofit	\$23,292.1					\$23,292.1
Small Business Direct Install	\$8,164.3					\$8,164.3
C&I Financing	\$0.0					\$0.0
Community Based Initiatives - C&I	\$11.4					\$11.4
Commercial Pilots	\$0.0					\$0.0
Commercial Workforce Development	\$157.5					\$157.5
Commercial & Industrial Performance Incentive	\$4,299.8			\$4,299.8		
Subtotal	\$45,264.6	\$0.0	\$0.0	\$4,299.8	\$40,964.8	\$40,964.8
Portfolio						
EERMC	\$1,045.6			\$1,045.6		\$1,045.6
OER	\$1,568.5			\$1,568.5		\$1,568.5
Rhode Island Infrastructure Bank	\$3,737.5			\$3,737.5		\$3,737.5
Subtotal	\$6,351.6	\$0.0	\$0.0	\$6,351.6	\$0.0	\$6,351.6
Grand Total	\$95,157.8	\$0.0	\$0.0	\$11,991.1	\$83,166.8	\$89,518.4

Notes:

- (1) Eligible sector spending budget equals total budget minus commitments, regulatory costs, pilots, assessments, performance incentive and ConnectedSolutions (conditionally).
- (2) Eligible sector spending budget does not include assessments (see Attachment 8 for assessments budgets).
- (3) Implementation Expenses equal total budget minus commitments and performance incentive.

Table E-4
Rhode Island Energy
Proposed 2024 Budget Compared to Approved 2023 Budget (\$000)

	Proposed Implementation Budget 2024	Approved Implementation Budget 2023	Difference
Residential			
Residential New Construction	\$1,352.5	\$1,592.0	-\$239.4
Residential HVAC	\$3,883.6	\$5,340.8	-\$1,457.2
EnergyWise Single Family	\$16,130.2	\$15,585.3	\$545.0
EnergyWise Multifamily	\$1,086.8	\$1,341.2	-\$254.4
Home Energy Reports	\$2,114.4	\$2,145.8	-\$31.4
Residential Consumer Products	\$2,078.9	\$2,489.1	-\$410.1
Comprehensive Marketing - Residential	\$311.5	\$310.5	\$1.0
Community Based Initiatives - Residential	\$137.5	\$280.6	-\$143.0
Subtotal	\$27,095.5	\$31,048.3	-\$3,952.8
Income Eligible Residential			
Income Eligible Single Family	\$12,326.8	\$11,843.2	\$483.5
Income Eligible Multifamily	\$2,779.8	\$3,335.8	-\$556.0
Income Eligible Workforce Development	\$0.0	\$0.0	\$0.0
Subtotal	\$15,106.5	\$15,179.0	-\$72.5
Commercial & Industrial			
Large C&I New Construction	\$9,339.4	\$8,269.2	\$1,070.1
Large C&I Retrofit	\$23,292.1	\$22,176.2	\$1,115.9
Small Business Direct Install	\$8,164.3	\$7,552.2	\$612.1
C&I Financing	\$0.0	\$2,000.0	-\$2,000.0
Community Based Initiatives - C&I	\$11.4	\$93.5	-\$82.0
Commercial Pilots	\$0.0	\$0.0	\$0.0
Commercial Workforce Development	\$157.5	\$157.5	\$0.0
Subtotal	\$40,964.8	\$45,915.5	-\$4,950.7
Portfolio			
EERMC	\$1,045.6	\$594.3	\$451.4
OER	\$1,568.5	\$891.4	\$677.1
Rhode Island Infrastructure Bank	\$3,737.5	\$3,737.5	\$0.0
Subtotal	\$6,351.6	\$6,930.7	-\$579.1
Total Implementation Budget	\$89,518.4	\$99,073.5	-\$9,555.1
Other Expenses			
Commitments			\$0.0
Company Incentive	\$5,639.5	\$3,359.2	\$2,280.3
Subtotal	\$5,639.5	\$3,359.2	\$2,280.3
Grand Total	\$95,157.8	\$102,432.6	-\$7,274.8

Notes:

- (1) Program implementation budget excludes commitments and company incentive.
- (2) Total budget includes implementation and commitments.

**Table E-5 Primary
Rhode Island Energy
Calculation of 2024 Program Year Cost-Effectiveness (\$000)**

	RI Test Benefit / Cost	Total Benefit	Program Implementation Expenses	Participant Cost	Performance Incentive	¢ / Lifetime kWh
Residential						
Residential New Construction	2.70	\$5,476.7	\$1,352.5	\$673.2		¢12.5
Residential HVAC	3.18	\$26,295.8	\$3,883.6	\$4,375.2		¢7.5
EnergyWise Single Family	1.11	\$22,206.6	\$16,130.2	\$3,893.9		¢118.2
EnergyWise Multifamily	2.89	\$3,476.6	\$1,086.8	\$115.3		¢14.5
Home Energy Reports	2.84	\$6,000.4	\$2,114.4	\$0.0		¢8.7
Residential Consumer Products	2.29	\$5,302.3	\$2,078.9	\$233.2		¢10.6
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$311.5			
Community Based Initiatives - Residential			\$137.5			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.82	\$68,758.6	\$27,095.5	\$9,290.9	\$1,339.7	¢18.5
Income Eligible Residential						
Income Eligible Single Family	1.47	\$18,063.7	\$12,326.8	\$0.0		¢33.3
Income Eligible Multifamily	1.81	\$5,038.2	\$2,779.8	\$0.0		¢19.5
Income Eligible Workforce Development			\$0.0			
Subtotal	1.53	\$23,101.9	\$15,106.5	\$0.0	\$0.0	¢29.4
Commercial & Industrial						
Large C&I New Construction	3.67	\$40,386.1	\$9,339.4	\$1,655.5		¢5.3
Large C&I Retrofit	2.00	\$73,499.1	\$23,292.1	\$13,496.2		¢13.2
Small Business Direct Install	1.08	\$10,726.6	\$8,164.3	\$1,813.4		¢16.0
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$11.4			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$157.5			
Subtotal	2.00	\$124,611.7	\$40,964.8	\$16,965.1	\$4,299.8	¢10.5
Portfolio						
EERMC			\$1,045.6			
OER			\$1,568.5			
Rhode Island Infrastructure Bank			\$3,737.5			
Subtotal			\$6,351.6			
Grand Total	1.78	\$216,472.2	\$89,518.4	\$26,256.0	\$5,639.5	¢14.5

Notes:

(1) RI Test = total benefits from excluding economic benefits / program implementation expenses and customer contribution.

**Table E-5 Economic
Rhode Island Energy
Calculation of 2024 Economic Benefits and Job Years (\$000)**

	Program Implementation Expenses	RI Economic Multiplier	Economic Benefits	RI Job Years Multiplier	Job Years
Residential					
Residential New Construction	\$1,352.5	1.66	\$2,245.2	14.8	20
Residential HVAC	\$3,883.6	1.45	\$5,631.2	12.2	47
EnergyWise Single Family	\$16,130.2	1.17	\$18,872.4	12.3	198
EnergyWise Multifamily	\$1,086.8	1.97	\$2,141.0	14.8	16
Home Energy Reports	\$2,114.4	2.17	\$4,588.1	13.6	29
Residential Consumer Products	\$2,078.9	1.76	\$3,658.9	8.5	18
Energy Efficiency Education	\$0.0				
Comprehensive Marketing - Residential	\$311.5				
Community Based Initiatives - Residential	\$137.5				
Residential Pilots	\$0.0				
Residential Workforce Development	\$0.0				
Subtotal	\$27,095.5		\$37,136.8		328
Income Eligible Residential					
Income Eligible Single Family	\$12,326.8	1.67	\$20,585.7	10.9	134
Income Eligible Multifamily	\$2,779.8	2.37	\$6,588.1	13.4	37
Income Eligible Workforce Development	\$0.0				
Subtotal	\$15,106.5		\$27,173.8		172
Commercial & Industrial					
Large C&I New Construction	\$9,339.4	4.76	\$44,455.3	19	177
Large C&I Retrofit	\$23,292.1	2.06	\$47,981.8	51.4	1,197
Small Business Direct Install	\$8,164.3	1.97	\$16,083.7	12.3	100
C&I Financing	\$0.0				
Community Based Initiatives - C&I	\$11.4				
Commercial Pilots	\$0.0				
Commercial Workforce Development	\$157.5				
Subtotal	\$40,964.8		\$108,520.8		1,475
Portfolio					
EERMC	\$1,045.6				
OER	\$1,568.5				
Rhode Island Infrastructure Bank	\$3,737.5				
Subtotal	\$6,351.6				
Grand Total	\$89,518.4		\$172,831.5		1,975

Table E-5A TRC
Rhode Island Energy
Calculation of 2024 Program Year Cost-Effectiveness with TRC Test (\$000)

	RI Test Benefit / Cost	Total Benefit	Program Implementation Expenses	Participant Cost	Performance Incentive	¢ / Lifetime kWh
Residential						
Residential New Construction	2.33	\$4,717.0	\$1,352.5	\$673.2		¢12.5
Residential HVAC	2.55	\$21,077.5	\$3,883.6	\$4,375.2		¢7.5
EnergyWise Single Family	0.93	\$18,620.1	\$16,130.2	\$3,893.9		¢118.2
EnergyWise Multifamily	2.59	\$3,112.9	\$1,086.8	\$115.3		¢14.5
Home Energy Reports	2.17	\$4,577.8	\$2,114.4	\$0.0		¢8.7
Residential Consumer Products	1.82	\$4,212.7	\$2,078.9	\$233.2		¢10.6
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$311.5			
Community Based Initiatives - Residential			\$137.5			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.49	\$56,318.0	\$27,095.5	\$9,290.9	\$1,339.7	¢18.5
Income Eligible Residential						
Income Eligible Single Family	1.32	\$16,311.7	\$12,326.8	\$0.0		¢33.3
Income Eligible Multifamily	1.67	\$4,654.7	\$2,779.8	\$0.0		¢19.5
Income Eligible Workforce Development			\$0.0			
Subtotal	1.39	\$20,966.4	\$15,106.5	\$0.0	\$0.0	¢29.4
Commercial & Industrial						
Large C&I New Construction	3.11	\$34,153.7	\$9,339.4	\$1,655.5		¢5.3
Large C&I Retrofit	1.63	\$59,968.6	\$23,292.1	\$13,496.2		¢13.2
Small Business Direct Install	0.81	\$8,033.7	\$8,164.3	\$1,813.4		¢16.0
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$11.4			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$157.5			
Subtotal	1.64	\$102,155.9	\$40,964.8	\$16,965.1	\$4,299.8	¢10.5
Portfolio						
EERMC			\$1,045.6			
OER			\$1,568.5			
Rhode Island Infrastructure Bank			\$3,737.5			
Subtotal			\$6,351.6			
Grand Total	1.48	\$179,440.2	\$89,518.4	\$26,256.0	\$5,639.5	¢14.5

Notes:

(1) TRC test omits non-embedded emissions benefits that are monetized in the RI Test

Table E-5B Primary
Rhode Island Energy
Calculation of 2024 Program Year Cost-Effectiveness (\$000)

	RI Test Benefit / Cost	Total Benefit	Program Implementation Expenses	Participant Cost	Performance Incentive	¢ / Lifetime kWh
Residential						
Residential New Construction	2.57	\$5,208.0	\$1,352.5	\$673.2		¢12.5
Residential HVAC	2.89	\$23,882.0	\$3,883.6	\$4,375.2		¢7.5
EnergyWise Single Family	1.09	\$21,825.4	\$16,130.2	\$3,893.9		¢118.2
EnergyWise Multifamily	2.75	\$3,301.6	\$1,086.8	\$115.3		¢14.5
Home Energy Reports	2.46	\$5,206.3	\$2,114.4	\$0.0		¢8.7
Residential Consumer Products	1.99	\$4,607.6	\$2,078.9	\$233.2		¢10.6
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$311.5			
Community Based Initiatives - Residential			\$137.5			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.72	\$64,031.0	\$27,095.5	\$9,290.9	\$861.9	¢18.5
Income Eligible Residential						
Income Eligible Single Family	1.40	\$17,238.0	\$12,326.8	\$0.0		¢33.3
Income Eligible Multifamily	1.73	\$4,820.5	\$2,779.8	\$0.0		¢19.5
Income Eligible Workforce Development			\$0.0			
Subtotal	1.46	\$22,058.5	\$15,106.5	\$0.0	\$0.0	¢29.4
Commercial & Industrial						
Large C&I New Construction	3.26	\$35,883.9	\$9,339.4	\$1,655.5		¢5.3
Large C&I Retrofit	1.76	\$64,602.3	\$23,292.1	\$13,496.2		¢13.2
Small Business Direct Install	0.88	\$8,796.0	\$8,164.3	\$1,813.4		¢16.0
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$11.4			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$157.5			
Subtotal	1.80	\$109,282.2	\$40,964.8	\$16,965.1	\$2,750.7	¢10.5
Portfolio						
EERMC			\$1,045.6			
OER			\$1,568.5			
Rhode Island Infrastructure Bank			\$3,737.5			
Subtotal			\$6,351.6			
Grand Total	1.64	\$195,371.7	\$89,518.4	\$26,256.0	\$3,612.6	¢14.5

Notes:

(1) RI Test = total benefits from excluding economic benefits / program implementation expenses and customer contribution.

Table E-6
Rhode Island Energy
Summary of 2024 Energy Efficiency Benefits by Program

Total	Total (Economic Excluded)	Benefits (000s)																		
		Energy						Capacity					Non Electric					Societal		
		Summer		Winter		Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Transmission	Distribution	Reliability	Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	Economic		
Peak	Off Peak	Peak	Off Peak																	
Residential																				
Residential New Construction	\$8,840	\$5,477	\$343	\$181	\$378	\$513	\$288	\$20	\$13	\$41	\$64	\$0	\$0	\$994	\$1,007	\$75	\$710	\$50	\$3,363	
Residential HVAC	\$38,271	\$26,296	\$316	\$266	\$3,646	\$4,726	\$2,564	\$193	\$139	\$401	\$625	\$2	\$0	\$7,630	\$10	\$560	\$4,876	\$343	\$11,975	
EnergyWise Single Family	\$45,635	\$22,207	\$280	\$242	\$357	\$367	\$362	\$229	\$168	\$473	\$737	\$2	\$0	\$12,735	\$2,105	\$562	\$3,106	\$480	\$23,428	
EnergyWise Multifamily	\$5,845	\$3,477	\$135	\$118	\$170	\$194	\$179	\$52	\$45	\$108	\$169	\$1	\$0	\$518	\$65	\$1,361	\$340	\$24	\$2,368	
Home Energy Reports	\$10,589	\$6,000	\$223	\$171	\$579	\$496	\$825	\$246	\$997	\$380	\$592	\$69	\$0	\$0	\$0	\$0	\$1,402	\$20	\$4,588	
Residential Consumer Products	\$9,372	\$5,302	\$299	\$281	\$401	\$416	\$703	\$232	\$398	\$518	\$807	\$5	\$0	\$45	\$106	\$0	\$1,073	\$17	\$4,060	
Subtotal	\$118,551	\$68,759	\$1,496	\$1,259	\$5,530	\$6,714	\$4,920	\$972	\$1,760	\$1,922	\$2,993	\$78	\$0	\$21,922	\$4,192	\$2,560	\$11,507	\$934	\$49,792	
Income Eligible Residential																				
Income Eligible Single Family	\$38,649	\$18,064	\$350	\$349	\$985	\$1,160	\$857	\$254	\$204	\$529	\$824	\$3	\$51	\$2,525	\$565	\$7675	\$1,633	\$119	\$20,586	
Income Eligible Multifamily	\$11,626	\$5,038	\$100	\$82	\$160	\$387	\$234	\$9	\$7	\$19	\$29	\$0	\$41	\$579	\$66	\$2,784	\$360	\$23	\$6,588	
Subtotal	\$50,276	\$23,102	\$449	\$431	\$1,385	\$1,547	\$1,072	\$263	\$211	\$548	\$853	\$3	\$10	\$3,105	\$631	\$10,459	\$1,993	\$143	\$27,174	
Commercial & Industrial																				
Large C&I New Construction	\$92,722	\$40,386	\$3,943	\$2,394	\$5,581	\$3,492	\$4,494	\$1,367	\$1,036	\$2,843	\$4,426	\$13	-\$382	\$0	\$6	\$4,840	\$6,135	\$97	\$52,335	
Large C&I Retrofit	\$149,283	\$73,499	\$4,150	\$3,086	\$5,580	\$3,024	\$9,174	\$2,285	\$3,979	\$5,098	\$7,936	\$49	-\$110	\$277	\$0	\$13,744	\$13,346	\$185	\$75,784	
Small Business Direct Install	\$30,383	\$10,727	\$1,014	\$538	\$1,504	\$913	\$2,053	\$271	\$469	\$602	\$937	\$6	-\$95	-\$480	\$0	\$304	\$2,684	\$9	\$19,656	
Subtotal	\$272,387	\$124,612	\$9,106	\$6,018	\$12,666	\$9,428	\$15,822	\$3,922	\$5,484	\$8,543	\$13,300	\$67	-\$587	-\$507	\$6	\$18,888	\$22,165	\$291	\$147,776	
Grand Total	\$441,214	\$216,472	\$11,052	\$7,707	\$19,581	\$17,689	\$21,813	\$5,157	\$7,454	\$11,013	\$17,145	\$148	-\$576	\$24,520	\$4,830	\$31,908	\$35,665	\$1,267	\$224,741	

Table E-6A
Rhode Island Energy
Summary of 2024 Energy Efficiency Impacts by Program

	Electric Energy Savings							Gas Savings					Oil Saved			Propane Saved			Total Savings						
	MWh		MMBtu		CO2 (Short Tons)		Load Reduction (kW)		MMBtu		CO2 (Short Tons)		MMBtu		CO2 (Short Tons)		MMBtu		CO2 (Short Tons)		MMBtu		CO2 (Short Tons)		
	Annual	Lifetime	Annual	Lifetime	Annual	Summer	Water	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	Lifetime	Annual	
Residential																									
Residential New Construction	832	16,246	2,840	55,431	344	20	59	0	0	0	1,695	36,879	136	6,414	136	6,414	136	6,414	131	6,414	136	6,414	136	6,414	
Residential HVAC	6,570	109,554	22,418	373,797	2,835	225	1,571	-3	-33	0	19,337	290,113	1,572	13	232	13	232	1	41,766	664,110	4,408				
EnergyWise Single Family	1,371	16,940	4,679	57,798	615	271	182	0	0	0	24,457	476,962	1,969	2,443	46,999	170	31,580	581,778	2,754						
EnergyWise Multifamily	546	8,313	1,864	28,363	233	72	43	0	0	0	842	19,171	77	34	569	3	2,740	48,103	312						
Home Energy Reports	24,350	24,350	83,081	83,081	9,597	3,348	5,174	0	0	0	0	0	0	0	0	0	0	0	0	83,081	83,081	9,597			
Residential Consumer Products	2,896	21,719	9,881	71,108	2,802	644	283	0	0	0	104	1,709	8	66	984	5	10,050	26,797	2,015						
Subtotal	36,466	197,120	124,764	672,574	15,626	4,580	7,277	-3	-33	0	46,435	824,854	3,763	4,435	93,366	309	175,631	1,590,762	19,697						
Income Eligible Residential																									
Income Eligible Single Family	2,483	37,034	8,472	126,360	979	330	390	530	7,414	31	4,683	94,347	373	344	6,573	24	14,028	234,695	1,410						
Income Eligible Multifamily	760	14,278	2,593	48,718	300	11	14	-291	-5,813	-17	888	21,383	71	42	718	3	3,232	65,006	357						
Subtotal	3,243	51,312	11,065	175,078	1,278	340	404	239	1,602	14	5,570	115,730	448	386	7,291	27	17,261	299,700	1,767						
Commercial & Industrial																									
Large C&I New Construction	13,776	208,505	47,005	711,420	6,343	1,673	1,342	-3,105	-43,426	-182	0	0	0	0	0	0	43,899	667,994	6,161						
Large C&I Retrofit	39,939	278,449	136,271	950,068	21,734	6,502	6,326	-7,945	-13,351	-649	-198	-1,189	-24	0	0	0	128,128	935,527	21,061						
Small Business Direct Install	9,335	62,384	11,890	212,855	3,960	757	800	-1,993	-10,979	-117	-3,894	-21,451	-315	0	0	0	25,963	180,424	3,529						
Subtotal	62,050	549,338	215,177	1,874,343	22,037	8,932	8,468	-13,044	-67,757	-947	-4,092	-22,641	-339	0	0	0	197,990	1,783,945	30,751						
Grand Total	102,859	797,771	350,956	2,721,994	48,942	13,854	16,030	-12,807	-66,187	-934	47,913	917,943	3,872	4,821	100,657	336	390,882	3,674,407	52,216						

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 2021 AISC study was used to inform the electric emissions factor, taking the average of summer/winter on/off-peak.

**Table E-7
Rhode Island Energy
Comparison of 2024 and 2023 Goals and Tracking**

	Proposed 2024 Goal		Proposed 2024 Tracking				Approved 2023				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)
Residential														
Residential New Construction	16,246		832	20	55,431	415	13,144	689	16		3,102	143		4
Residential HVAC	109,554		6,570	225	373,797	6,457	71,055	4,175	640		38,499	2,396		-415
EnergyWise Single Family	16,940		1,371	271	57,798	9,592	16,940	3,147	466		-1	-1,776		-195
EnergyWise Multifamily	8,313		546	72	28,363	1,768	9,493	680	108		-1,180	-133		-36
Home Energy Reports	24,350		24,350	3,348	83,081	280,116	24,350	24,350	3,348		0	0		0
Residential Consumer Products	21,719		2,896	644	74,104	26,628	31,684	4,473	885		-9,965	-1,577		-240
Subtotal	197,120	0	36,566	4,580	672,574	331,970	166,665	37,513	5,462	7,878	30,455	-947		-882
Income Eligible Residential														
Income Eligible Single Family	37,034		2,483	330	126,360	3,153	24,080	2,539	367		12,954	-56		-38
Income Eligible Multifamily	14,278		760	11	48,718	2,823	17,632	1,298	90		-3,333	-538		-79
Subtotal	51,312	0	3,243	340	175,078	5,976	41,712	3,837	457	0	9,600	-594		-117
Commercial & Industrial														
Large C&I New Construction	208,505		13,776	1,673	711,420	46	157,598	10,481	1,306		50,907	3,295		367
Large C&I Retrofit	278,449		39,939	6,502	950,068	2,170	244,962	35,260	6,143		33,487	4,679		359
Small Business Direct Install	62,384		9,335	757	212,855	343	57,778	9,260	708		4,606	75		49
Subtotal	549,338	0	63,050	8,933	1,874,343	2,778	460,338	55,001	8,157	36,000	89,001	8,049		-36,000
Grand Total	797,771	0	102,859	13,854	2,721,994	340,725	668,715	96,351	14,076	43,878	129,056	6,508		-223

Notes:

- (1) Planned participation takes into account net-to-gross ratios and estimates unique participation using the ratio of unique customer accounts to savings. Therefore the number of planned measures may be more than the estimated participants. 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 participation calculation methodology a year-by-year comparison is not possible.
- (2) There are additional low income participants in Residential New Construction.
- (3) Customers can participate in more than one program (e.g., Residential Consumer Products and Home Energy Reports).

**Table E-8A
Rhode Island Energy
2024 PIM Benefits, Allocations, and Categorizations (\$000)**

	Energy					Capacity					Utility NEIs	Non Electric				Societal			
	Summer		Winter		Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Transmission	Distribution	Reliability		Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	Economic	
	Peak	Off Peak	Peak	Off Peak															
Residential																			
Residential New Construction	\$243	\$181	\$378	\$513	\$288	\$20	\$13	\$41	\$64	\$0	\$0	\$0	\$994	\$1,907	\$75	\$710	\$50	\$3,363	
Residential HVAC	\$316	\$266	\$3,646	\$4,726	\$2,564	\$193	\$139	\$401	\$625	\$2	\$0	\$0	\$7,630	\$10	\$560	\$4,876	\$343	\$11,975	
EnergyWise Single Family	\$280	\$242	\$357	\$367	\$362	\$229	\$168	\$473	\$737	\$2	\$0	\$0	\$12,735	\$2,105	\$562	\$3,106	\$480	\$23,428	
EnergyWise Multifamily	\$135	\$118	\$170	\$194	\$179	\$52	\$45	\$108	\$169	\$1	\$0	\$0	\$518	\$65	\$1,361	\$340	\$24	\$2,368	
Home Energy Reports	\$223	\$171	\$579	\$496	\$825	\$246	\$997	\$380	\$592	\$69	\$0	\$0	\$0	\$0	\$0	\$1,402	\$20	\$4,588	
Residential Consumer Products	\$299	\$281	\$401	\$416	\$703	\$232	\$398	\$518	\$807	\$5	\$0	\$0	\$45	\$106	\$0	\$1,073	\$17	\$4,069	
Subtotal	\$1,496	\$1,259	\$5,430	\$6,714	\$4,920	\$972	\$1,760	\$1,922	\$2,993	\$78	\$0	\$0	\$21,922	\$4,192	\$2,560	\$11,507	\$934	\$49,792	
Income Eligible Residential																			
Income Eligible Single Family	\$350	\$349	\$985	\$1,160	\$837	\$254	\$204	\$529	\$824	\$3	\$221	\$51	\$2,525	\$565	\$7,675	\$1,633	\$119	\$20,586	
Income Eligible Multifamily	\$100	\$82	\$400	\$387	\$234	\$9	\$7	\$19	\$29	\$0	\$3	-\$41	\$579	\$66	\$2,784	\$360	\$23	\$6,588	
Subtotal	\$449	\$431	\$1,385	\$1,547	\$1,072	\$263	\$211	\$548	\$853	\$3	\$224	\$10	\$3,105	\$631	\$10,459	\$1,993	\$143	\$27,174	
Commercial & Industrial																			
Large C&I New Construction	\$3,943	\$2,394	\$5,581	\$3,492	\$4,594	\$1,367	\$1,036	\$2,843	\$4,426	\$13	\$0	-\$382	\$0	\$6	\$4,840	\$6,135	\$97	\$52,335	
Large C&I Retrofit	\$4,150	\$3,086	\$5,580	\$5,024	\$9,174	\$2,285	\$3,979	\$5,098	\$7,936	\$49	\$0	-\$110	-\$27	\$0	\$13,744	\$13,346	\$185	\$75,784	
Small Business Direct Install	\$1,014	\$538	\$1,504	\$913	\$2,053	\$271	\$469	\$602	\$937	\$6	\$0	-\$95	-\$480	\$0	\$304	\$2,684	\$9	\$19,656	
Subtotal	\$9,106	\$6,018	\$12,666	\$9,428	\$15,822	\$3,922	\$5,484	\$8,543	\$13,300	\$67	\$0	-\$587	\$6	\$18,888	\$22,165	\$291	\$147,776		
Benefit is PIM Eligible	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE
Percent Application in PIM	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	50%	50%	50%	0%	0%	0%	0%	

Table E-8B
Rhode Island Energy
2024 PIM Costs (\$000)

	Eligible Spending Budget from Table E-3	Regulatory Costs	Total PIM-Eligible Costs
Residential	\$27,095	\$349	\$27,444
Income Eligible Residential	\$15,107	\$349	\$15,455
Commercial & Industrial	\$40,912	\$349	\$41,261

Notes:

(1) Regulatory costs allocated equally to each sector. OER, RIIB, and Electric Resistance to Heat Pump expenses are omitted from regulatory costs.

**Table E-8B
Rhode Island Energy
2024 PIM and SQA (\$000)**

	Performance Incentive								
	Eligible Benefits		Eligible Costs	Eligible Net Benefits	Design Performance Achievement	Design Payout Rate	Design Performance Payout	Payout Cap	Service Quality Adjustment Applied
	100% Utility System Benefits	50% Resource Benefits							
Residential	\$27,644	\$13,057	\$27,444	\$13,257	\$13,257	10.1%	\$1,340	\$1,675	FALSE
Income Eligible Residential	\$6,984	\$1,873	\$15,455	-\$6,598	\$2,000	25.0%	\$500	\$625	TRUE
Commercial & Industrial	\$84,355	-\$544	\$41,261	\$42,550	\$42,550	10.1%	\$4,300	\$5,375	FALSE

	Service Quality Adjustment (SQA)				
	Eligible Benefits		Eligible Costs	Design Service Achievement	Maximum SQA
	100% Utility System Benefits	50% Resource Benefits			
Residential	\$27,644	\$13,057	\$27,444	\$40,701	\$0
Income Eligible Residential	\$6,984	\$1,873	\$15,455	\$8,857	\$343
Commercial & Industrial	\$84,355	-\$544	\$41,261	\$83,811	\$0

Table E-9
Rhode Island Energy
2024 Revolving Loan Fund Projections

	Large C&I Revolving Loan Fund	Small Business Revolving Loan Fund	Public Sector Revolving Loan Fund	Efficient Buildings Fund
(1) Total Loan Fund Deposits Through Previous Year	\$22,547,780	\$3,303,570	\$53,994	
(2) Current Loan Fund Balance	\$9,581,607	\$2,842,822	\$53,994	
<i>Loans Paid Year-To-Date</i>	\$2,993,412	\$324,015	\$0	
<i>Repayments Year-To-Date</i>	\$4,113,412	\$516,163	\$0	
(3) Projected Additional Loans from Previous Year	\$4,150,752	\$497,794	\$0	
(4) Projected Additional Repayments from Previous Year	\$476,753	\$446,537	\$0	
(5) Projected Year End Loan Fund Balance from Previous Year	\$5,907,609	\$2,791,565	\$53,994	
(6) 2024 Fund Injection	\$0	\$0	\$0	
(7) Projected Loan Fund Balance Beginning of Year	\$5,907,609	\$2,791,565	\$53,994	
(8) Projected Repayments Throughout 2024	\$5,494,689	\$893,074	\$0	
(9) Estimated Loans in 2024	\$7,200,000	\$800,000	\$0	
(10) Projected Year End Loan Fund Balance 2024	\$4,202,298	\$2,884,640	\$53,994	
(11) Energy Efficiency Funds Allocated to EBF Through Previous Year				\$22,087,113
(12) Total EBF Loans Outstanding				\$55,075,045

Notes:

Table E-10
Rhode Island Energy
Rhode Island Energy Efficiency 2007-2024

Electric	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Energy Efficiency Budget (\$ Million)	\$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	\$118.3	\$115.8
Spending Budget (\$ Million)	\$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	\$99.1	\$89.5
Actual Expenditures (\$ Million)	\$21.9	\$19.2	\$31.7	\$29.7	\$40.0	\$50.7	\$72.9	\$85.3	\$87.4	\$94.8	\$93.0	\$100.7	\$88.2	\$94.6	\$80.9			
Incentive Percentage	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%				
Target Incentive	\$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	\$3,358,035	\$5,639,464
Earned Incentive	\$716,075	\$675,282	\$1,085,888	\$1,333,996	\$1,929,273	\$2,469,411	\$2,997,681	\$4,223,321	\$4,533,369	\$4,128,034	\$4,829,847	\$4,940,402	\$3,290,237	\$3,242,675	\$3,464,590	\$3,393,827		
Pct Achieved Annual Summer Demand kW Savings	106%	113%	142%	78%	71%	83%	114%	78%	112%	101%	103%	116%	98%	79%	83%	85%		
Pct Achieved Annual MWh Energy Savings	102%	111%	115%	107%	94%	93%	99%	105%	115%	107%	115%	110%	98%	88%	95%	94%		
Energy Efficiency Program Charge (\$/kWh)	\$0.0020	\$0.0020	\$0.0032	\$0.0032	\$0.0053	\$0.0059	\$0.0088	\$0.0091	\$0.0095	\$0.0108	\$0.0112	\$0.0097	\$0.0112	\$0.0132	\$0.0111	\$0.0121	\$0.0096	\$0.0133