

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

	Residential	Income Eligible Residential	Commercial & Industrial	Portfolio	
(1) Projected Budget	\$21,373,029	\$7,655,288	\$13,583,354		\$42,611,671
Sources of Other Funding	\$0	\$0	\$0	\$0	\$0
(2) Projected Fund Balance and Interest from Previous Year	-\$4,367,839	\$0	\$2,288,445		-\$2,079,394
Low Income Weatherization in Base Rates	\$0	\$0	\$0	\$0	\$0
(3) Previous Year Investigation Credit	\$0	\$0	\$0	\$0	\$0
(4) Total Other Funding	-\$4,367,839	\$0	\$2,288,445		-\$2,079,394
(5) Customer Funding Required	\$25,740,868	\$7,655,288	\$11,294,909		\$44,691,065
(6) Forecasted Firm Dth Volume	18,559,751	1,741,026	19,340,629		39,641,406
(7) Forecasted Non-Firm Dth Volume			231,819		231,819
(8) Exempt DG Customers			-1,553,294		-1,553,294
(9) Forecasted Dth Volume	18,559,751	1,741,026	18,019,154		38,319,931
(10) Approved Average Energy Efficiency Program Charge per Dth (Excluding Uncollectible Recovery)					\$1.169
(11) Approved Energy Efficiency Program Charge per Dth (Excluding Uncollectible Recovery)	\$1.255	\$1.255	\$1.072		
(12) Currently Effective Uncollectible Rate	1.91%	1.91%	1.91%		
(13) Approved Energy Efficiency Program Charge per Dth (Including Uncollectible Recovery)	\$1.279	\$1.279	\$1.093		
(14) Currently Effective Energy Efficiency Program Charge per Dth	\$1.136	\$1.136	\$0.620		
(15) Adjustment to Reflect Fully Reconciling Funding Mechanism	\$0.143	\$0.143	\$0.473		

Notes:

Table G-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	\$57.6	\$2.1	\$392.4	\$168.6	\$22.1		\$642.7
Residential HVAC	\$85.8	\$206.7	\$1,787.9	\$104.3	\$19.3		\$2,203.9
EnergyWise Single Family	\$246.2	\$61.9	\$9,251.1	\$1,388.3	\$93.3		\$11,040.9
EnergyWise Multifamily	\$61.8	\$50.6	\$1,125.4	\$180.2	\$7.2		\$1,425.3
Home Energy Reports	\$4.4	\$0.0	\$0.0	\$347.3	\$2.3		\$354.0
Energy Efficiency Education	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Comprehensive Marketing - Residential	\$0.0	\$68.9	\$0.0	\$0.0	\$0.0		\$68.9
Community Based Initiatives - Residential	\$0.0	\$45.8	\$0.0	\$0.0	\$0.0		\$45.8
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						\$0.0	\$0.0
Subtotal	\$455.8	\$436.1	\$12,556.8	\$2,188.6	\$144.2	\$0.0	\$15,781.7
Income Eligible Residential							
Income Eligible Single Family	\$156.8	\$21.9	\$3,350.7	\$1,013.7	\$56.8		\$4,599.8
Income Eligible Multifamily	\$101.1	\$8.7	\$2,496.4	\$408.9	\$40.4		\$3,055.5
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	\$257.9	\$30.5	\$5,847.1	\$1,422.5	\$97.2	\$0.0	\$7,655.3
Commercial & Industrial							
Large C&I New Construction	\$109.1	\$104.6	\$1,538.7	\$446.2	\$159.3		\$2,357.9
Large C&I Retrofit	\$200.4	\$172.0	\$2,435.5	\$1,697.4	\$130.0		\$4,635.3
Small Business Direct Install	\$15.8	\$16.1	\$639.6	\$55.8	\$23.5		\$750.8
C&I Multifamily	\$41.3	\$25.5	\$1,397.7	\$156.5	\$4.4		\$1,625.4
C&I Financing	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Community Based Initiatives - C&I	\$2.9	\$0.0	\$0.0	\$0.8	\$0.0		\$3.7
Commercial Pilots	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Commercial Workforce Development	\$0.0	\$0.0	\$0.0	\$67.5	\$0.0		\$67.5
Commercial & Industrial Performance Incentive						\$1,043.5	\$1,043.5
Subtotal	\$369.5	\$318.1	\$6,011.6	\$2,424.2	\$317.2	\$1,043.5	\$10,484.2
Portfolio							
EERMC	\$497.7	\$0.0	\$0.0	\$0.0	\$0.0		\$497.7
OER	\$746.6	\$0.0	\$0.0	\$0.0	\$0.0		\$746.6
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$1,262.5	\$0.0	\$0.0		\$1,262.5
Subtotal	\$1,244.3	\$0.0	\$1,262.5	\$0.0	\$0.0	\$0.0	\$2,506.8
Grand Total	\$2,327.6	\$784.8	\$25,678.0	\$6,035.4	\$558.7	\$1,043.5	\$36,427.9

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 G-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	\$642.7					\$642.7
Residential HVAC	\$2,203.9					\$2,203.9
EnergyWise Single Family	\$11,040.9					\$11,040.9
EnergyWise Multifamily	\$1,425.3					\$1,425.3
Home Energy Reports	\$354.0					\$354.0
Energy Efficiency Education	\$0.0					\$0.0
Comprehensive Marketing - Residential	\$68.9					\$68.9
Community Based Initiatives - Residential	\$45.8					\$45.8
Residential Pilots	\$0.0					\$0.0
Residential Workforce Development	\$0.0					\$0.0
Residential Performance Incentive	\$0.0			\$0.0		\$0.0
Subtotal	\$15,781.7	\$0.0	\$0.0	\$0.0	\$15,781.7	\$15,781.7
Income Eligible Residential						
Income Eligible Single Family	\$4,599.8					\$4,599.8
Income Eligible Multifamily	\$3,055.5					\$3,055.5
Income Eligible Workforce Development	\$0.0					\$0.0
Income Eligible Performance Incentive	\$0.0			\$0.0		\$0.0
Subtotal	\$7,655.3	\$0.0	\$0.0	\$0.0	\$7,655.3	\$7,655.3
Commercial & Industrial						
Large C&I New Construction	\$2,357.9					\$2,357.9
Large C&I Retrofit	\$4,635.3					\$4,635.3
Small Business Direct Install	\$750.8					\$750.8
C&I Multifamily	\$1,625.4					\$1,625.4
C&I Financing	\$0.0					\$0.0
Community Based Initiatives - C&I	\$3.7					\$3.7
Commercial Pilots	\$0.0					\$0.0
Commercial Workforce Development	\$67.5					\$67.5
Commercial & Industrial Performance Incentive	\$1,043.5			\$1,043.5		\$1,043.5
Subtotal	\$10,484.2	\$0.0	\$0.0	\$1,043.5	\$9,440.7	\$9,440.7
Portfolio						
EERMC	\$497.7			\$497.7		\$497.7
OER	\$746.6			\$746.6		\$746.6
Rhode Island Infrastructure Bank	\$1,262.5			\$1,262.5		\$1,262.5
Subtotal	\$2,506.8	\$0.0	\$0.0	\$2,506.8	\$0.0	\$2,506.8
Grand Total	\$36,427.9	\$0.0	\$0.0	\$3,550.3	\$32,877.6	\$35,384.4

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 G-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	\$642.7	\$621.5	\$21.2
Residential HVAC	\$2,203.9	\$3,586.9	-\$1,383.0
EnergyWise Single Family	\$11,040.9	\$9,873.1	\$1,167.8
EnergyWise Multifamily	\$1,425.3	\$1,485.4	-\$60.1
Home Energy Reports	\$354.0	\$360.5	-\$6.5
Comprehensive Marketing - Residential	\$68.9	\$69.1	-\$0.2
Community Based Initiatives - Residential	\$45.8	\$93.5	-\$47.6
Subtotal	\$15,781.7	\$16,090.0	-\$308.3
Income Eligible Residential			
Income Eligible Single Family	\$4,599.8	\$5,429.0	-\$829.2
Income Eligible Multifamily	\$3,055.5	\$3,215.4	-\$160.0
Income Eligible Workforce Development	\$0.0	\$0.0	\$0.0
Subtotal	\$7,655.3	\$8,644.4	-\$989.1
Commercial & Industrial			
Large C&I New Construction	\$2,357.9	\$2,818.7	-\$460.8
Large C&I Retrofit	\$4,635.3	\$4,639.6	-\$4.3
Small Business Direct Install	\$750.8	\$689.8	\$61.0
C&I Multifamily	\$1,625.4	\$891.2	\$734.2
C&I Financing	\$0.0	\$0.0	\$0.0
Community Based Initiatives - C&I	\$3.7	\$31.2	-\$27.5
Commercial Pilots	\$0.0	\$12.4	-\$12.4
Commercial Workforce Development	\$67.5	\$67.5	\$0.0
Subtotal	\$9,440.7	\$9,150.4	\$290.3
Portfolio			
EERMC	\$497.7	\$396.9	\$100.8
OER	\$746.6	\$595.3	\$151.3
Rhode Island Infrastructure Bank	\$1,262.5	\$1,262.5	\$0.0
Subtotal	\$2,506.8	\$2,254.7	\$252.1
Total Implementation Budget	\$35,384.4	\$36,139.5	-\$755.1
Other Expenses			
Commitments			\$0.0
Company Incentive	\$1,043.5	\$792.0	\$251.5
Subtotal	\$1,043.5	\$792.0	\$251.5
Grand Total	\$36,427.9	\$36,931.5	-\$503.6

Notes:

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

**Table G-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 MMBtu
Residential						
Residential New Construction	1.52	\$1,875.3	\$642.7	\$590.9		\$15.84
Residential HVAC	0.94	\$5,717.0	\$2,203.9	\$3,892.7		\$15.53
EnergyWise Single Family	0.95	\$11,481.2	\$11,040.9	\$1,053.0		\$21.74
EnergyWise Multifamily	3.22	\$4,760.9	\$1,425.3	\$54.8		\$14.21
Home Energy Reports	4.35	\$1,539.5	\$354.0	\$0.0		\$3.86
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$68.9			
Community Based Initiatives - Residential			\$45.8			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.19	\$25,374.0	\$15,781.7	\$5,591.4	\$0.0	\$17.48
Income Eligible Residential						
Income Eligible Single Family	1.53	\$7,057.0	\$4,599.8	\$0.0		\$37.91
Income Eligible Multifamily	3.05	\$9,310.0	\$3,055.5	\$0.0		\$18.86
Income Eligible Workforce Development			\$0.0			
Subtotal	2.14	\$16,367.0	\$7,655.3	\$0.0	\$0.0	\$27.02
Commercial & Industrial						
Large C&I New Construction	5.43	\$17,628.5	\$2,357.9	\$887.1		\$3.14
Large C&I Retrofit	2.14	\$15,573.1	\$4,635.3	\$2,632.5		\$7.25
Small Business Direct Install	2.03	\$1,902.1	\$750.8	\$185.9		\$7.80
C&I Multifamily	2.79	\$5,763.8	\$1,625.4	\$437.1		\$32.31
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$67.5			
Subtotal	2.79	\$40,867.5	\$9,440.7	\$4,142.7	\$1,043.5	\$6.11
Portfolio						
EERMC			\$497.7			
OER			\$746.6			
Rhode Island Infrastructure Bank			\$1,262.5			
Subtotal			\$2,506.8			
Grand Total	1.79	\$82,608.5	\$35,384.4	\$9,734.1	\$1,043.5	\$12.10

Notes:

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

**Table G-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	\$642.7	1.19	\$764.9	2.4	2
Residential HVAC	\$2,203.9	1.06	\$2,336.2	6.9	15
EnergyWise Single Family	\$11,040.9	0.87	\$9,605.6	11.9	131
EnergyWise Multifamily	\$1,425.3	2.30	\$3,278.3	16.5	24
Home Energy Reports	\$354.0	2.77	\$980.6	7.5	3
Energy Efficiency Education	\$0.0				
Comprehensive Marketing - Residential	\$68.9				
Community Based Initiatives - Residential	\$45.8				
Residential Pilots	\$0.0				
Residential Workforce Development	\$0.0				
Subtotal	\$15,781.7		\$16,965.4		174
Income Eligible Residential					
Income Eligible Single Family	\$4,599.8	1.53	\$7,037.7	12.1	56
Income Eligible Multifamily	\$3,055.5	2.31	\$7,058.1	16.0	49
Income Eligible Workforce Development	\$0.0				
Subtotal	\$7,655.3		\$14,095.8		105
Commercial & Industrial					
Large C&I New Construction	\$2,357.9	5.28	\$12,449.7	1.2	3
Large C&I Retrofit	\$4,635.3	1.92	\$8,899.8	16.4	76
Small Business Direct Install	\$750.8	2.50	\$1,877.0	13.4	10
C&I Multifamily	\$1,625.4	3.46	\$5,624.0	11.0	18
C&I Financing	\$0.0				
Community Based Initiatives - C&I	\$3.7				
Commercial Pilots	\$0.0				
Commercial Workforce Development	\$67.5				
Subtotal	\$9,440.7		\$28,850.6		107
Portfolio					
EERMC	\$497.7				
OER	\$746.6				
Rhode Island Infrastructure Bank	\$1,262.5				
Subtotal	\$2,506.8				
Grand Total	\$35,384.4		\$59,911.8		386

Table G-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 MMBtu
Residential						
Residential New Construction	1.24	\$1,532.1	\$642.7	\$590.9		\$15.84
Residential HVAC	0.67	\$4,084.8	\$2,203.9	\$3,892.7		\$15.53
EnergyWise Single Family	0.77	\$9,356.0	\$11,040.9	\$1,053.0		\$21.74
EnergyWise Multifamily	2.93	\$4,330.3	\$1,425.3	\$54.8		\$14.21
Home Energy Reports	2.15	\$759.5	\$354.0	\$0.0		\$3.86
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$68.9			
Community Based Initiatives - Residential			\$45.8			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	0.94	\$20,062.7	\$15,781.7	\$5,591.4	\$0.0	\$17.48
Income Eligible Residential						
Income Eligible Single Family	1.42	\$6,533.4	\$4,599.8	\$0.0		\$37.91
Income Eligible Multifamily	2.77	\$8,459.4	\$3,055.5	\$0.0		\$18.86
Income Eligible Workforce Development			\$0.0			
Subtotal	1.96	\$14,992.8	\$7,655.3	\$0.0	\$0.0	\$27.02
Commercial & Industrial						
Large C&I New Construction	3.69	\$11,981.5	\$2,357.9	\$887.1		\$3.14
Large C&I Retrofit	1.28	\$9,295.7	\$4,635.3	\$2,632.5		\$7.25
Small Business Direct Install	1.30	\$1,220.0	\$750.8	\$185.9		\$7.80
C&I Multifamily	2.63	\$5,418.1	\$1,625.4	\$437.1		\$32.31
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$67.5			
Subtotal	1.91	\$27,915.3	\$9,440.7	\$4,142.7	\$1,043.5	\$6.11
Portfolio						
EERMC			\$497.7			
OER			\$746.6			
Rhode Island Infrastructure Bank			\$1,262.5			
Subtotal			\$2,506.8			
Grand Total	1.36	\$62,970.8	\$35,384.4	\$9,734.1	\$1,043.5	\$12.10

Notes:

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

Table G-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 MMBtu
Residential						
Residential New Construction	1.52	\$1,875.3	\$642.7	\$590.9		\$15.84
Residential HVAC	0.94	\$5,720.6	\$2,203.9	\$3,892.7		\$15.53
EnergyWise Single Family	0.95	\$11,433.4	\$11,040.9	\$1,053.0		\$21.74
EnergyWise Multifamily	3.21	\$4,758.2	\$1,425.3	\$54.8		\$14.21
Home Energy Reports	4.35	\$1,539.5	\$354.0	\$0.0		\$3.86
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$68.9			
Community Based Initiatives - Residential			\$45.8			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.18	\$25,327.0	\$15,781.7	\$5,591.4	\$0.0	\$17.48
Income Eligible Residential						
Income Eligible Single Family	1.53	\$7,044.6	\$4,599.8	\$0.0		\$37.91
Income Eligible Multifamily	3.05	\$9,305.7	\$3,055.5	\$0.0		\$18.86
Income Eligible Workforce Development			\$0.0			
Subtotal	2.14	\$16,350.4	\$7,655.3	\$0.0	\$0.0	\$27.02
Commercial & Industrial						
Large C&I New Construction	5.43	\$17,613.5	\$2,357.9	\$887.1		\$3.14
Large C&I Retrofit	2.14	\$15,573.1	\$4,635.3	\$2,632.5		\$7.25
Small Business Direct Install	2.03	\$1,902.1	\$750.8	\$185.9		\$7.80
C&I Multifamily	2.79	\$5,762.0	\$1,625.4	\$437.1		\$32.31
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$67.5			
Subtotal	2.79	\$40,850.6	\$9,440.7	\$4,142.7	\$1,042.5	\$6.11
Portfolio						
EERMC			\$497.7			
OER			\$746.6			
Rhode Island Infrastructure Bank			\$1,262.5			
Subtotal			\$2,506.8			
Grand Total	1.79	\$82,528.0	\$35,384.4	\$9,734.1	\$1,042.5	\$12.10

Notes:

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

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

	Benefits (000's)																		
	Total	Total (Economic Excluded)	Natural Gas	Electric Energy				Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Electric Capacity			Non Gas / Electric			Societal		
				Peak	Off Peak	Peak	Off Peak				Transmission	Distribution	Reliability	Oil	Other Resource	Non Resource	Carbon	NOx	Economic
Residential																			
Residential New Construction	\$3,343	\$1,875	\$723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$806	\$239	\$54	\$1,468
Residential HVAC	\$12,179	\$5,717	\$3,586	\$2	\$1	\$7	\$5	\$4	\$1	\$0	\$1	\$2	\$0	\$0	\$71	\$451	\$1,340	\$273	\$6,462
EnergyWise Single Family	\$22,003	\$11,481	\$5,198	\$62	\$54	\$60	\$68	\$40	\$53	\$26	\$107	\$167	\$0	\$0	\$122	\$3,399	\$1,738	\$387	\$10,522
EnergyWise Multifamily	\$8,165	\$4,761	\$963	\$5	\$4	\$1	\$0	\$2	\$4	\$3	\$9	\$14	\$0	\$0	\$43	\$3,281	\$358	\$72	\$3,404
Home Energy Reports	\$2,520	\$1,540	\$799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$716	\$65	\$981
Subtotal	\$48,211	\$25,374	\$11,231	\$65	\$56	\$54	\$63	\$38	\$57	\$29	\$114	\$178	\$0	\$0	\$239	\$7,938	\$4,460	\$851	\$22,837
Income Eligible Residential																			
Income Eligible Single Family	\$14,095	\$7,057	\$1,141	\$11	\$10	\$15	\$17	\$11	\$10	\$6	\$20	\$31	\$0	\$0	\$0	\$5,263	\$439	\$85	\$7,038
Income Eligible Multifamily	\$16,368	\$9,310	\$1,510	\$5	\$4	\$1	\$1	\$3	\$5	\$5	\$11	\$17	\$0	\$0	\$23	\$6,874	\$738	\$113	\$7,058
Subtotal	\$30,463	\$16,367	\$2,651	\$16	\$14	\$16	\$18	\$15	\$15	\$10	\$31	\$48	\$0	\$0	\$23	\$12,137	\$1,176	\$198	\$14,096
Commercial & Industrial																			
Large C&I New Construction	\$34,762	\$17,629	\$8,184	\$0	\$0	\$0	\$0	\$0	\$68	\$52	\$142	\$221	\$1	\$0	\$54	\$3,259	\$4,881	\$766	\$17,134
Large C&I Retrofit	\$29,527	\$15,573	\$8,429	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67	\$5,531	\$747	\$13,954
Small Business Direct Install	\$4,244	\$1,902	\$992	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$184	\$73	\$593	\$89	\$2,342
C&I Multifamily	\$12,900	\$5,764	\$560	\$2	\$2	\$0	\$0	\$1	\$2	\$2	\$5	\$7	\$0	\$0	\$2	\$4,032	\$298	\$47	\$7,136
Subtotal	\$81,434	\$40,868	\$18,165	\$2	\$2	\$0	\$0	\$1	\$70	\$54	\$147	\$229	\$1	\$0	\$211	\$9,032	\$11,303	\$1,649	\$40,566
Grand Total	\$160,108	\$82,608	\$32,047	\$83	\$72	\$70	\$81	\$54	\$142	\$93	\$292	\$455	\$1	\$0	\$473	\$29,106	\$16,940	\$2,698	\$77,499

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

	Gas Savings			Electric Energy Savings					Total Savings			
	MMBtu		CO2 (Short Tons)	MWh		MMBtu		CO2 (Short Tons)	MMBtu		CO2 (Short Tons)	
	Annual	Lifetime	Annual	Annual	Lifetime	Annual	Lifetime	Annual	Annual	Lifetime	Annual	
Residential												
Residential New Construction	4,096	77,871	240	0	0	0	0	0	4,096	77,871	240	
Residential HVAC	19,332	392,554	1,167	-9	-176	-31	-602	-5	19,301	391,952	1,162	
EnergyWise Single Family	24,081	556,247	1,656	128	3,019	438	10,300	63	24,519	566,547	1,719	
EnergyWise Multifamily	5,042	104,179	412	8	143	26	487	6	5,068	104,666	418	
Home Energy Reports	91,640	91,640	5,361	0	0	0	0	0	91,640	91,640	5,361	
Subtotal	144,193	1,222,491	8,835	127	2,985	433	10,186	64	144,625	1,232,676	8,899	
Income Eligible Residential												
Income Eligible Single Family	5,992	121,326	351	36	727	124	2,481	14	6,117	123,807	365	
Income Eligible Multifamily	10,375	161,966	607	13	175	46	599	5	10,421	162,565	612	
Subtotal	16,367	283,293	957	50	903	170	3,080	20	16,537	286,373	977	
Commercial & Industrial												
Large C&I New Construction	69,214	1,034,676	4,644	0	0	0	0	0	69,214	1,034,676	4,644	
Large C&I Retrofit	95,065	1,002,980	5,332	0	0	0	0	0	95,065	1,002,980	5,332	
Small Business Direct Install	9,960	120,064	634	0	0	0	0	0	9,960	120,064	634	
C&I Multifamily	4,205	63,832	270	6	77	20	261	4	4,225	64,093	275	
Subtotal	178,444	2,221,552	10,880	6	77	20	261	4	178,464	2,221,813	10,885	
Grand Total	339,004	3,727,336	20,673	183	3,964	623	13,527	88	339,627	3,740,862	20,761	

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

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

	Proposed 2024 Goal	Proposed 2024 Tracking		Approved 2023		Difference	
	Lifetime Energy Savings (MMBtu Gas)	Annual Energy Savings (MMBtu Gas)	Planned Unique Participants	Lifetime Energy Savings (MMBtu Gas)	Annual Energy Savings (MMBtu Gas)	Lifetime Energy Savings (MMBtu Gas)	Annual Energy Savings (MMBtu Gas)
Residential							
Residential New Construction	77,871	4,096	466	58,476	3,287	19,395	809
Residential HVAC	392,554	19,332	2,943	517,571	27,030	-125,017	-7,697
EnergyWise Single Family	556,247	24,081	1,739	490,013	20,697	66,234	3,384
EnergyWise Multifamily	104,179	5,042	3,499	110,428	5,358	-6,249	-316
Home Energy Reports	91,640	91,640	132,345	91,640	91,640	0	0
Subtotal	1,222,491	144,193	140,993	1,268,128	148,013	-45,638	-3,820
Income Eligible Residential							
Income Eligible Single Family	121,326	5,992	808	169,180	8,230	-47,854	-2,238
Income Eligible Multifamily	161,966	10,375	2,779	172,464	11,075	-10,498	-700
Subtotal	283,293	16,367	3,587	341,644	19,305	-58,352	-2,939
Commercial & Industrial							
Large C&I New Construction	1,034,676	69,214	63	716,705	48,823	317,971	20,391
Large C&I Retrofit	1,002,980	95,065	59	1,016,519	94,766	-13,539	300
Small Business Direct Install	120,064	9,960	148	130,193	9,723	-10,130	236
C&I Multifamily	63,832	4,205	495	64,645	4,249	-813	-44
Subtotal	2,221,552	178,444	765	1,928,063	157,561	293,490	20,883
Grand Total	3,727,336	339,004	145,345	3,537,835	324,879	189,500	14,125

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 and Home Energy Reports).

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

	Non Electric				Utility NEIs	Electric Energy						Electric Capacity				Social		
	Natural Gas	Oil	Other Resource	Non Resource		Summer		Winter		Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Transmission	Distribution	Reliability	Carbon	NOx	Economic
						Peak	Off Peak	Peak	Off Peak									
Residential																		
Residential New Construction	\$723	\$0	\$3	\$806	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$289	\$54	\$1,468	
Residential HVAC	\$3,586	\$0	\$71	\$451	\$0	-\$2	-\$1	-\$7	-\$5	-\$4	-\$1	\$0	-\$1	-\$2	\$0	\$1,360	\$273	\$6,462
EnergyWise Single Family	\$5,198	\$0	\$122	\$3,399	\$0	\$62	\$54	\$60	\$68	\$40	\$53	\$26	\$107	\$167	\$0	\$1,738	\$387	\$10,522
EnergyWise Multifamily	\$965	\$0	\$43	\$3,281	\$0	\$5	\$4	\$1	\$0	\$2	\$4	\$3	\$9	\$14	\$0	\$358	\$72	\$3,404
Home Energy Reports	\$759	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$716	\$65	\$981
Home Services	\$6,886	\$0	\$167	\$7,487	\$0	\$67	\$58	\$61	\$69	\$42	\$58	\$29	\$116	\$180	\$0	\$2,385	\$514	\$15,394
Retail	\$3,586	\$0	\$71	\$451	\$0	-\$2	-\$1	-\$7	-\$5	-\$4	-\$1	\$0	-\$1	-\$2	\$0	\$1,360	\$273	\$6,462
Behavior	\$759	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$716	\$65	\$981
Subtotal	\$11,231	\$0	\$239	\$7,938	\$0	\$65	\$56	\$54	\$63	\$38	\$57	\$29	\$114	\$178	\$0	\$4,460	\$851	\$22,837
Income Eligible Residential																		
Income Eligible Single Family	\$1,141	\$0	\$0	\$5,263	\$36	\$11	\$10	\$15	\$17	\$11	\$10	\$6	\$20	\$31	\$0	\$439	\$85	\$7,038
Income Eligible Multifamily	\$1,510	\$0	\$23	\$6,874	\$0	\$5	\$4	\$1	\$1	\$3	\$5	\$5	\$11	\$17	\$0	\$738	\$113	\$7,058
Income Eligible Services	\$2,651	\$0	\$23	\$12,137	\$36	\$16	\$14	\$16	\$18	\$15	\$15	\$10	\$31	\$48	\$0	\$1,176	\$198	\$14,096
Subtotal	\$2,651	\$0	\$23	\$12,137	\$36	\$16	\$14	\$16	\$18	\$15	\$15	\$10	\$31	\$48	\$0	\$1,176	\$198	\$14,096
Commercial & Industrial																		
Large C&I New Construction	\$8,184	\$0	\$54	\$3,259	\$0	\$0	\$0	\$0	\$0	\$0	\$68	\$52	\$142	\$221	\$1	\$4,881	\$766	\$17,134
Large C&I Retrofit	\$8,429	\$0	\$0	\$867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,531	\$747	\$13,954
Small Business Direct Install	\$992	\$0	\$154	\$73	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$993	\$89	\$2,342
C&I Multifamily	\$560	\$0	\$2	\$4,832	\$0	\$2	\$2	\$0	\$0	\$1	\$2	\$2	\$5	\$7	\$0	\$298	\$47	\$7,136
Subtotal	\$18,165	\$0	\$211	\$9,032	\$0	\$2	\$2	\$0	\$0	\$1	\$70	\$54	\$147	\$229	\$1	\$11,303	\$1,649	\$40,566
Benefit is PIM Eligible	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE
Percent Application in PIM	100%	50%	50%	0%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%

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

	Eligible Spending Budget from Table E-3	Regulatory Costs	Total PIM-Eligible Costs
Residential	\$15,782	\$166	\$15,948
Income Eligible Residential	\$7,655	\$166	\$7,821
Commercial & Industrial	\$9,441	\$166	\$9,607

Notes:

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

Table G-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	\$0	\$328	\$15,948	-\$4,270	\$2,000	25.0%	\$500	\$625	TRUE	
Income Eligible Residential	\$0	\$91	\$7,821	-\$5,032	\$2,000	25.0%	\$500	\$625	TRUE	
Commercial & Industrial	\$0	\$254	\$9,607	\$8,918	\$8,918	11.7%	\$1,044	\$1,304	FALSE	

	Service Quality Adjustment (SQA)				
	Eligible Benefits		Eligible Costs	Design Service Achievement	Maximum SQA
	100% Utility System Benefits	50% Resource Benefits			
Residential	\$0	\$328	\$15,948	\$11,678	\$341
Income Eligible Residential	\$0	\$91	\$7,821	\$2,789	\$108
Commercial & Industrial	\$0	\$254	\$9,607	\$18,524	\$0

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

	Large C&I Revolving Loan Fund
(1) Total Loan Fund Deposits Through Previous Year	\$3,590,439.50
(2) Current Loan Fund Balance	\$2,302,398.20
(3) Projected Additional Loans from Previous Year	\$332,343.28
(4) Projected Additional Repayments from Previous Year	\$297,709.59
(5) Projected Year End Loan Fund Balance from Previous Year	\$2,267,764.51
(6) 2024 Fund Injection	\$0.00
(7) Projected Loan Fund Balance Beginning of Year	\$2,267,764.51
(8) Projected Repayments Throughout 2024	\$595,419.18
(9) Estimated Loans in 2024	\$446,000.00
(10) Projected Year End Loan Fund Balance 2024	\$3,309,183.69

Notes:

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

Gas	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Energy Efficiency Budget (\$ Million)		\$7.3	\$7.6	\$4.8	\$7.3	\$13.7	\$19.5	\$23.5	\$24.5	\$27.7	\$29.7	\$28.1	\$31.6	\$34.3	\$35.0	\$36.9	\$44.0	\$45.1
Spending Budget (\$ Million)		\$6.6	\$6.1	\$4.5	\$6.2	\$12.9	\$17.9	\$21.8	\$22.4	\$25.0	\$27.8	\$26.2	\$29.2	\$31.6	\$32.4	\$33.4	\$36.1	\$35.4
Actual Expenditures (\$ Million)		\$7.4	\$6.3	\$5.5	\$4.9	\$13.3	\$19.6	\$21.5	\$21.5	\$24.6	\$29.1	\$28.8	\$29.5	\$24.6	\$35.7	\$31.4		
Incentive Percentage		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%	5.0%			
Target Incentive		\$288,734	\$266,980	\$199,743	\$274,460	\$570,382	\$898,285	\$1,089,700	\$1,119,800	\$1,251,654	\$1,387,550	\$1,309,076	\$1,460,570	\$1,578,601	\$1,700,000	\$1,000,000	\$792,002	\$1,043,524
Earned Incentive		\$288,734	\$262,121	\$251,310	\$239,863	\$586,036	\$968,229	\$1,362,108	\$1,387,079	\$1,496,869	\$1,633,531	\$1,541,255	\$1,580,119	\$347,732	\$996,123	\$720,084		
Pct Achieved Annual Gas MMBtu Savings		109%	139%	127%	117%	99%	109%	124%	111%	106%	113%	120%	104%	71%	75%	99%		
System Benefits Charge (\$/Therm) (All Non-Exempt Customers)	\$0.0071	\$0.0107	\$0.0150	\$0.0150	\$0.0411	\$0.0384	\$0.0417											
Residential System Benefits Charge (\$/Therm)								\$0.0600	\$0.0781	\$0.0748	\$0.0888	\$0.0869	\$0.0715	\$0.1011	\$0.0871	\$0.1271	\$1.1360	\$1.2790
C&I System Benefits Charge (\$/Therm)								\$0.0492	\$0.0637	\$0.0487	\$0.0726	\$0.0671	\$0.0420	\$0.0704	\$0.0596	\$0.0846	\$0.6200	\$1.0930