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

		D 11 (1)		C	D (C.1)
		Residential	Income Eligible Residential	Commercial & Industrial	Portfolio
(1)	Projected Budget	\$16,234,962	\$7,687,908	\$10,950,898	\$34,873,768
	Sources of Other Funding	\$0	\$0	\$0	\$0
(2)	Projected Fund Balance and Interest from Previous Year	-\$3,666,118	\$0	\$2,192,010	-\$1,474,108
(3a)	Low Income Weatherization in Base Rates	\$0	\$0	\$0	\$0
(3b)	Previous Year Investigation Credit	\$0	\$0	\$0	\$0
(4)	Total Other Funding	-\$3,666,118	\$0	\$2,192,010	-\$1,474,108
(5)	Customer Funding Required	\$19,901,080	\$7,687,908	\$8,758,888	\$36,347,876
(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)	Proposed Energy Efficiency Program Charge per Dth (Excluding Uncollectible Recovery)	\$1.075	\$1.075	\$0.806	\$0.949
(11)	Currently Effective Uncollectible Rate	1.91%	1.91%	1.91%	
(12)	Proposed Energy Efficiency Program Charge per Dth (Including Uncollectible Recovery)	\$1.095	\$1.095	\$0.821	\$0.966
(13)	Previous Year's Energy Efficiency Program Charge per Dth	\$1.136	\$1.136	\$0.620	
(14)	Adjustment to Reflect Fully Reconciling Funding Mechanism per Dth	-\$0.041	-\$0.041	\$0.201	

- Notes:
 (1) Projected Budget includes regulatory costs which are allocated by forecasted Dth volume to each sector.
 (2) Total Other Funding equals Line (2) + Line (3a) + Line (3b)
 (3) Customer Funding Required equals Line (1) Line (4)
 (4) 25% of Income Eligible Residential Funding Allocated to Standard Income Residential. 75% of Income Eligible Residential Funding Allocated to Commercial & Industrial.
 (5) Uncollectible rate approved in Docket No. 4770.
 (6) Proposed Energy Efficiency Program Charge per Dth (Including Uncollectible Recovery) equals Line (10) + (1-Line (11)), truncated to five decimal places.
 (7) Adjustment to Reflect Fully Reconciling Funding Mechanism per Dth equals Line (12) Line (13)

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	\$57.9	\$2.2	\$327.6	\$174.6	\$17.0		\$579.3
Residential HVAC	\$83.1	\$209.5	\$1,099.0	\$104.3	\$19.3		\$1,515.1
EnergyWise Single Family	\$270.9	\$64.5	\$9,258.4	\$1,390.8	\$93.3		\$11,077.9
EnergyWise Multifamily	\$66.4	\$51.5	\$1,130.6	\$183.3	\$7.2		\$1,439.0
Home Energy Reports	\$4.4	\$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	\$79.6	\$0.0	\$0.0	\$0.0		\$79.7
Community Based Initiatives - Residential	\$0.0	\$46.5	\$0.0	\$0.0	\$0.0		\$46.5
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						\$0.0	\$0.0
Subtotal	\$482.7	\$453.8	\$11,815.6	\$2,200.2	\$139.1	\$0.0	\$15,091.5
Income Eligible Residential							
Income Eligible Single Family	\$166.5	\$22.8	\$3,419.5	\$840.2	\$56.8		\$4,505.8
Income Eligible Multifamily	\$111.2	\$9.3	\$2,498.4	\$415.7	\$40.4		\$3,074.9
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	\$277.7	\$32.1	\$5,917.9	\$1,255.8	\$97.2	\$0.0	\$7,580.6
Commercial & Industrial	İ						
Large C&I New Construction	\$97.5	\$105.9	\$1,382.5	\$402.5	\$136.1		\$2,124.6
Large C&I Retrofit	\$205.2	\$174.3	\$2,300.4	\$1,665.5	\$130.0		\$4,475.3
Small Business Direct Install	\$17.4	\$20.3	\$639.6	\$55.8	\$23.5		\$756.8
C&I Multifamily	\$44.9	\$25.9	\$1,397.7	\$156.5	\$4.4		\$1,629.4
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	\$32.1	\$0.0		\$32.1
Commercial & Industrial Performance Incentive						\$818.8	\$818.8
Subtotal	\$368.0	\$326.4	\$5,720.2	\$2,313.3	\$294.1	\$818.8	\$9,840.7
Portfolio							
EERMC	\$376.5	\$0.0	\$0.0	\$0.0	\$0.0		\$376.5
OER	\$721.9	\$0.0	\$0.0	\$0.0	\$0.0		\$721.9
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$1,262.5	\$0.0	\$0.0		\$1,262.5
Subtotal	\$1,098.4	\$0.0	\$1,262.5	\$0.0	\$0.0	\$0.0	\$2,360.9
Grand Total	\$2,226.8	\$812.3	\$24,716.1	\$5,769.3	\$530.4	\$818.8	\$34,873.8

- (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.
 (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 G-2	Commitments	Regulatory Costs	Performance Incentive	Eligible Sector PIM Budget for Performance Incentive on G-8B	Implementation Expenses for Cost- Effectiveness on G-5
Residential						
Residential New Construction	\$579.3					\$579.3
Residential HVAC	\$1,515.1					\$1,515.1
EnergyWise Single Family	\$11,077.9					\$11,077.9
EnergyWise Multifamily	\$1,439.0					\$1,439.0
Home Energy Reports	\$354.0					\$354.0
Energy Efficiency Education	\$0.0					\$0.0
Comprehensive Marketing - Residential	\$79.7					\$79.7
Community Based Initiatives - Residential	\$46.5					\$46.5
Residential Pilots	\$0.0					\$0.0
Residential Workforce Development	\$0.0					\$0.0
Residential Performance Incentive	\$0.0			\$0.0		
Subtotal	\$15,091.5	\$0.0	\$0.0	\$0.0	\$15,091.5	\$15,091.5
Income Eligible Residential						
Income Eligible Single Family	\$4,505.8					\$4,505.8
Income Eligible Multifamily	\$3,074.9					\$3,074.9
Income Eligible Workforce Development	\$0.0					\$0.0
Income Eligible Performance Incentive	\$0.0			\$0.0		
Subtotal	\$7,580.6	\$0.0	\$0.0	\$0.0	\$7,580.6	\$7,580.6
Commercial & Industrial						
Large C&I New Construction	\$2,124.6					\$2,124.6
Large C&I Retrofit	\$4,475.3					\$4,475.3
Small Business Direct Install	\$756.8					\$756.8
C&I Multifamily	\$1,629.4					\$1,629.4
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	\$32.1					\$32.1
Commercial & Industrial Performance Incentive	\$818.8			\$818.8		
Subtotal	\$9,840.7	\$0.0	\$0.0	\$818.8	\$9,021.9	\$9,021.9
Portfolio						
EERMC	\$376.5			\$376.5		\$376.5
OER	\$721.9			\$721.9		\$721.9
Rhode Island Infrastructure Bank	\$1,262.5			\$1,262.5		\$1,262.5
Subtotal	\$2,360.9	\$0.0	\$0.0	\$2,360.9	\$0.0	\$2,360.9
Grand Total	\$34,873.8	\$0.0	\$0.0	\$3,179.7	\$31,694.1	\$34,055.0

- (1) Eligible spending budget equals total budget minus commitments, regulatory costs, pilots, assessments, and performance incentive.
 (2) 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	Buuget 2024	Buuget 2025	Difference
Residential New Construction	\$579.3	\$621.5	-\$42.2
Residential HVAC	\$1,515.1	\$3,586.9	-\$2,071.8
EnergyWise Single Family	\$11,077.9	\$9,873.1	\$1,204.8
EnergyWise Multifamily	\$1,439.0	\$1,485.4	-\$46.4
Home Energy Reports	\$354.0	\$360.5	-\$6.5
Comprehensive Marketing - Residential	\$79.7	\$69.1	\$10.6
Community Based Initiatives - Residential	\$46.5	\$93.5	-\$47.0
Subtotal	\$15,091.5	\$16,090.0	-\$998.5
Income Eligible Residential	. ,		·
Income Eligible Single Family	\$4,505.8	\$5,429.0	-\$923.2
Income Eligible Multifamily	\$3,074.9	\$3,215.4	-\$140.5
Income Eligible Workforce Development	\$0.0	\$0.0	\$0.0
Subtotal	\$7,580.6	\$8,644.4	-\$1,063.8
Commercial & Industrial			. ,
Large C&I New Construction	\$2,124.6	\$2,818.7	-\$694.0
Large C&I Retrofit	\$4,475.3	\$4,639.6	-\$164.3
Small Business Direct Install	\$756.8	\$689.8	\$66.9
C&I Multifamily	\$1,629.4	\$891.2	\$738.2
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	\$32.1	\$67.5	-\$35.4
Subtotal	\$9,021.9	\$9,150.4	-\$128.5
Portfolio			
EERMC	\$376.5	\$396.9	-\$20.3
OER	\$721.9	\$595.3	\$126.6
Rhode Island Infrastructure Bank	\$1,262.5	\$1,262.5	\$0.0
Subtotal	\$2,360.9	\$2,254.7	\$106.2
Total Implementation Budget	\$34,055.0	\$36,139.5	-\$2,084.5
Other Expenses			
Commitments	\$0.0	\$0.0	\$0.0
Company Incentive	\$818.8	\$792.0	\$26.8
Subtotal	\$818.8	\$792.0	\$26.8
Grand Total	\$34,873.8	\$36,931.5	-\$2,057.8

- (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	1.76	\$1,554.5	\$579.3	\$304.1		\$14.78
Residential HVAC	1.09	\$3,672.8	\$1,515.1	\$1,861.4		\$15.26
EnergyWise Single Family	1.07	\$12,924.0	\$11,077.9	\$1,053.0		\$19.77
EnergyWise Multifamily	3.29	\$4,927.9	\$1,439.0	\$57.6		\$14.36
Home Energy Reports	4.07	\$1,439.1	\$354.0	\$0.0		\$4.13
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$79.7			
Community Based Initiatives - Residential			\$46.5			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.33	\$24,518.2	\$15,091.5	\$3,276.1	\$0.0	\$16.94
Income Eligible Residential						
Income Eligible Single Family	1.61	\$7,255.0	\$4,505.8	\$0.0		\$37.14
Income Eligible Multifamily	3.14	\$9,649.1	\$3,074.9	\$0.0		\$18.51
Income Eligible Workforce Development			\$0.0			
Subtotal	2.23	\$16,904.1	\$7,580.6	\$0.0	\$0.0	\$26.37
Commercial & Industrial						
Large C&I New Construction	5.40	\$12,997.6	\$2,124.6	\$281.3		\$3.66
Large C&I Retrofit	2.45	\$17,763.2	\$4,475.3	\$2,764.0		\$6.73
Small Business Direct Install	2.17	\$2,026.1	\$756.8	\$178.1		\$7.88
C&I Multifamily	2.85	\$5,896.9	\$1,629.4	\$437.1		\$31.50
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$32.1			
Subtotal	2.87	\$38,683.8	\$9,021.9	\$3,660.6	\$818.8	\$6.62
Portfolio				İ		
EERMC			\$376.5			
OER			\$721.9			
Rhode Island Infrastructure Bank			\$1,262.5			
Subtotal			\$2,360.9			
Grand Total	1.92	\$80,106.1	\$34,055.0	\$6,936.7	\$818.8	\$12.46

Notes:

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

Table G-5A Secondary Rhode Island Energy Calculation of 2024 Program Year Intrastate Cost-Effectiveness (\$000)

	RI Test Benefit / Cost	Total Benefit	Program Implementation Expenses	Participant Cost	Performance Incentive	\$ / Lifetime MMBtu
Residential			•			
Residential New Construction	1.76	\$1,554.5	\$579.3	\$304.1		\$14.78
Residential HVAC	1.09	\$3,677.5	\$1,515.1	\$1,861.4		\$15.26
EnergyWise Single Family	1.05	\$12,790.9	\$11,077.9	\$1,053.0		\$19.77
EnergyWise Multifamily	3.29	\$4,918.3	\$1,439.0	\$57.6		\$14.36
Home Energy Reports	4.07	\$1,439.1	\$354.0	\$0.0		\$4.13
Energy Efficiency Education			\$0.0			
Comprehensive Marketing - Residential			\$79.7			
Community Based Initiatives - Residential			\$46.5			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Subtotal	1.33	\$24,380.3	\$15,091.5	\$3,276.1	\$0.0	\$16.94
Income Eligible Residential						
Income Eligible Single Family	1.60	\$7,227.1	\$4,505.8	\$0.0		\$37.14
Income Eligible Multifamily	3.13	\$9,631.7	\$3,074.9	\$0.0		\$18.51
Income Eligible Workforce Development			\$0.0			
Subtotal	2.22	\$16,858.8	\$7,580.6	\$0.0	\$0.0	\$26.37
Commercial & Industrial						
Large C&I New Construction	5.36	\$12,895.9	\$2,124.6	\$281.3		\$3.66
Large C&I Retrofit	2.45	\$17,763.2	\$4,475.3	\$2,764.0		\$6.73
Small Business Direct Install	2.17	\$2,026.1	\$756.8	\$178.1		\$7.88
C&I Multifamily	2.85	\$5,889.4	\$1,629.4	\$437.1		\$31.50
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Pilots			\$0.0			
Commercial Workforce Development			\$32.1			
Subtotal	2.86	\$38,574.6	\$9,021.9	\$3,660.6	\$818.8	\$6.62
Portfolio						
EERMC			\$376.5			
OER			\$721.9			
Rhode Island Infrastructure Bank			\$1,262.5			
Subtotal			\$2,360.9			
Grand Total	1.91	\$79,813.8	\$34,055.0	\$6,936.7	\$818.8	\$12.46

Notes

 $(1) \ Rest-of-pool\ DRIPE\ and\ PTF\ transmission\ are\ excluded\ from\ the\ "Total\ Benefit"\ column.$

Table G-5B 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	\$579.3	1.19	\$689.4	2.4	1
Residential HVAC	\$1,515.1	1.06	\$1,606.0	6.9	10
EnergyWise Single Family	\$11,077.9	0.87	\$9,637.8	11.9	132
EnergyWise Multifamily	\$1,439.0	2.30	\$3,309.6	16.5	24
Home Energy Reports	\$354.0	2.77	\$980.6	7.5	3
Energy Efficiency Education	\$0.0				
Comprehensive Marketing - Residential	\$79.7				
Community Based Initiatives - Residential	\$46.5				
Residential Pilots	\$0.0				
Residential Workforce Development	\$0.0				
Subtotal	\$15,091.5		\$16,223.4		170
Income Eligible Residential					
Income Eligible Single Family	\$4,505.8	1.53	\$6,893.8	12.1	55
Income Eligible Multifamily	\$3,074.9	2.31	\$7,103.0	16.0	49
Income Eligible Workforce Development	\$0.0				
Subtotal	\$7,580.6		\$13,996.8		104
Commercial & Industrial				İ	
Large C&I New Construction	\$2,124.6	5.28	\$11,218.1	1.2	3
Large C&I Retrofit	\$4,475.3	1.92	\$8,592.6	16.4	73
Small Business Direct Install	\$756.8	2.50	\$1,891.9	13.4	10
C&I Multifamily	\$1,629.4	3.46	\$5,637.8	11.0	18
C&I Financing	\$0.0				
Community Based Initiatives - C&I	\$3.7				
Commercial Pilots	\$0.0				
Commercial Workforce Development	\$32.1				
Subtotal	\$9,021.9		\$27,340.4		104
Portfolio					
EERMC	\$376.5				
OER	\$721.9				
Rhode Island Infrastructure Bank	\$1,262.5				
Subtotal	\$2,360.9				
Grand Total	\$34,055.0		\$57,560.7		378

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

									В	enefits (000's)									
						Electric Energy					Electric Capacit	у		1	Non Gas / Electric	2		Societal	
		Total (Economic		Sum	mer	Wir	nter	Electric Energy	Summer	Capacity									
	Total	Excluded)	Natural Gas	Peak	Off Peak	Off Peak Peak Off Peak DRIPE Generation				DRIPE	Transmission	Distribution	Reliability	Oil	Other Resource	Non Resource	Carbon	NOx	Economic
Residential																			
Residential New Construction	\$2,606	\$1,554	\$562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$637	\$311	\$42	\$1,051
Residential HVAC	\$7,252	\$3,673	\$1,995	-S2	-\$1	-\$7	-\$5	-\$4	-\$1	\$0	-\$1	-\$2	\$0	\$0	\$71	\$320	\$1,156	\$154	\$3,579
EnergyWise Single Family	\$23,478	\$12,924	\$5,713	\$66	\$57	\$66	\$75	\$55	\$45	\$26	\$90	\$102	\$0	\$0	\$123	\$2,731	\$3,346	\$429	\$10,554
EnergyWise Multifamily	\$8,370	370 \$4,928 \$966 \$5 \$4 \$1 \$0 \$2 \$4 \$3 \$8 \$10 \$0 \$0 \$40 \$3,280 \$533													\$72	\$3,442			
Home Energy Reports	\$2,420	\$1,439	\$710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$669	\$60	\$981
Subtotal	\$44,125	\$24,518	\$9,946	\$69	\$60	\$60	\$70	\$53	\$49	\$29	\$97	\$110	\$0	\$0	\$237	\$6,967	\$6,014	\$757	\$19,607
Income Eligible Residential																			
Income Eligible Single Family	\$14,149	\$7,255	\$1,141	\$11	\$10	\$15	\$17	\$11	\$10	\$6	\$19	\$22	\$0	\$0	\$0	\$5,263	\$647	\$85	\$6,894
Income Eligible Multifamily	\$16,752	\$9,649	\$1,550	\$9	\$7	\$1	\$1	\$3	\$8	\$5	\$16	\$18	\$0	\$0	\$23	\$6,911	\$982	\$116	\$7,103
Subtotal	\$30,901	\$16,904	\$2,691	\$19	\$17	\$16	\$18	\$15	\$17	\$10	\$35	\$39	\$0	\$0	\$23	\$12,174	\$1,628	\$201	\$13,997
Commercial & Industrial																			
Large C&I New Construction	\$25,701	\$12,998	\$5,247	\$0	\$0	\$0	\$0	\$0	\$55	\$42	\$110	\$125	\$1	\$0	\$95	\$2,824	\$4,013	\$486	\$12,704
Large C&I Retrofit	\$31,663	\$17,763	\$9,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$932	\$6,996	\$800	\$13,900
Small Business Direct Install	\$4,363	\$2,026	\$980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154	\$73	\$730	\$88	\$2,337
C&I Multifamily	\$13,047	\$5,897	\$576	\$4	\$3	\$1	\$0	\$1	\$3	\$2	\$7	\$8	\$0	\$0	\$2	\$4,846	\$394	\$49	\$7,150
Subtotal	\$74,774	\$38,684	\$15,838	\$4	\$3	\$1	\$0	\$1	\$58	\$44	\$117	\$133	S1	\$0	\$252	\$8,676	\$12,133	\$1,423	\$36,091
Grand Total	\$149,800	\$80,106	\$28,475	S92	\$79	\$77	\$89	\$69	\$124	S82	\$248	\$282	S1	S0	\$512	\$27,818	\$19,776	\$2,381	\$69,694

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

1									m . 10 . 1				
		Gas Saving				lectric Energy				Total Savin			
	MM	Btu	CO2 (Short Tons)	MW	'h	M	MBtu	CO2 (Short Tons)	MMB	tu	CO2 (Short Tons)		
	Annual	Lifetime	Annual	Annual	Lifetime	Annual	Lifetime	Annual	Annual	Lifetime	Annual		
Residential													
Residential New Construction	3,239	59,762	217	0	0	0	0	0	3,239	59,762	217		
Residential HVAC	11,329	221,257	844	-8	-167	-28	-569	-4	11,301	220,688	840		
EnergyWise Single Family	31,871	613,643	2,157	173	3,428	591	11,697	82	32,463	625,341	2,239		
EnergyWise Multifamily	5,061	104,240	414	8	140	26	477	6	5,087	104,717	420		
Home Energy Reports	85,663	85,663	5,011	0	0	0	0	0	85,663	85,663	5,011		
Subtotal	137,163	1,084,565	8,643	173	3,401	589	11,606	84	137,752	1,096,171	8,727		
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	166,156	607	13	256	46	875	5	10,421	167,031	612		
Subtotal	16,367	287,482	957	50	984	170	3,356	20	16,537	290,839	977		
Commercial & Industrial													
Large C&I New Construction	44,443	657,560	4,669	0	0	0	0	0	44,443	657,560	4,669		
Large C&I Retrofit	100,812	1,075,167	5,420	0	0	0	0	0	100,812	1,075,167	5,420		
Small Business Direct Install	9,857	118,655	639	0	0	0	0	0	9,857	118,655	639		
C&I Multifamily	ultifamily 4,205 65,609		270	6	111	20	378	4	4,225	65,987	275		
Subtotal	1 159,317 1,916,991 1			6	111	20	378	4	159,337	1,917,369	11,003		
Grand Total	312,846 3,289,038 20				4,496	780	15,340	108	313,626	3,304,378	20,707		

- 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-6B Rhode Island Energy Summary of 2024 Intrastate Energy Efficiency Benefits by Program

									В	enefits (000's)									$\overline{}$
						Electric Energy					Electric Capacit	у		1	Non Gas / Electric	2		Societal	
		Total (Economic		Sum	mer	Wir	ter	Electric Energy	Summer	Capacity									
	Total	Excluded)	Natural Gas	Peak	Off Peak Peak Off Peak DRIPE Generation				DRIPE	Transmission	Distribution	Reliability	Oil	Other Resource	Non Resource	Carbon	NOx	Economic	
Residential																			
Residential New Construction	\$2,606	\$1,554	\$562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	S0	\$3	\$637	\$311	\$42	\$1,051
Residential HVAC	\$7,257	\$3,678	\$1,995	-S2	-\$1	-\$7	-\$5	\$0	-\$1	\$0	\$0	-\$2	\$0	\$0	\$71	\$320	\$1,156	\$154	\$3,579
EnergyWise Single Family	\$23,345	345 S12,791 S5,713 S66 S57 S66 S75 S5 S45 S26 S7 S102 S0 S0 S123 S2,731 S3,346													\$429	\$10,554			
EnergyWise Multifamily	\$8,360	360 S4.918 S966 S5 S4 S1 S0 S0 S4 S3 S1 S10 S0 S0 S4 S3.280 S533 S72														\$3,442			
Home Energy Reports	\$2,420	\$1,439	\$710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$669	\$60	\$981
Subtotal	\$43,987	\$24,380	\$9,946	\$69	\$60	\$60	\$70	\$5	\$49	\$29	\$7	\$110	\$0	\$0	\$237	\$6,967	\$6,014	\$757	\$19,607
Income Eligible Residential																			
Income Eligible Single Family	\$14,121	\$7,227	\$1,141	\$11	\$10	\$15	\$17	\$1	\$10				\$0	\$0			\$647	\$85	\$6,894
Income Eligible Multifamily	\$16,735	\$9,632	\$1,550	\$9	\$7	\$1	\$1	\$0		\$5			\$0	\$0			\$982	\$116	\$7,103
Subtotal	\$30,856	\$16,859	\$2,691	\$19	\$17	\$16	\$18	\$1	\$17	\$10	\$3	\$39	\$0	S0	\$23	\$12,174	\$1,628	\$201	\$13,997
Commercial & Industrial																			
Large C&I New Construction	\$25,599	\$12,896	\$5,247	\$0	\$0	\$0	\$0	\$0	\$55	\$42	\$8	\$125	\$1	\$0	\$95	\$2,824	\$4,013	\$486	\$12,704
Large C&I Retrofit	\$31,663	\$17,763	\$9,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$932	\$6,996	\$800	\$13,900
Small Business Direct Install	\$4,363	\$2,026	\$980	\$0	\$0	\$0	\$0	\$0					\$0	\$0			\$730	\$88	\$2,337
C&I Multifamily	\$13,040												\$394	\$49	\$7,150				
Subtotal	\$74,665	\$74,665 \$38,575 \$15,838 \$4 \$3 \$1 \$0 \$0 \$58 \$44 \$9 \$133 \$1 \$0 \$252 \$8,676 \$12,133 \$1,423 \$36,091																	
Grand Total	\$149,508	\$79,814	\$28,475	\$92	\$79	\$77	\$89	\$6	\$124	\$82	\$19	\$282	\$1	S0	\$512	\$27,818	\$19,776	\$2,381	\$69,694

Notes:
(1) Rest-of-pool DRIPE and PTF transmission are excluded.

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

	Proposed 2024 Goal	Proposed 20	024 Tracking	Approv	ed 2023	Diffe	rence	
		Annual Energy		Lifetime Energy	Annual Energy	Lifetime Energy	Annual Energy	
	Lifetime Energy Savings	Savings	Planned Unique	Savings	Savings	Savings	Savings	
	(MMBtu Gas)	(MMBtu Gas)	Participants	(MMBtu Gas)	(MMBtu Gas)	(MMBtu Gas)	(MMBtu Gas)	
Residential								
Residential New Construction	59,762	3,239	466	58,476	3,287	1,286	-49	
Residential HVAC	221,257	11,329	2,943	517,571	27,030	-296,313	-15,700	
EnergyWise Single Family	613,643	31,871	1,739	490,013	20,697	123,630	11,174	
EnergyWise Multifamily	104,240	5,061	3,499	110,428	5,358	-6,188	-298	
Home Energy Reports	85,663	85,663	132,345	91,640	91,640	-5,978	-5,978	
Subtotal	1,084,565	137,163	140,993	1,268,128	148,013	-183,563	-10,850	
Income Eligible Residential								
Income Eligible Single Family	121,326	5,992	808	169,180	8,230	-47,854	-2,238	
Income Eligible Multifamily	166,156	10,375	2,779	172,464	11,075	-6,308	-700	
Subtotal	287,482	16,367	3,587	341,644	19,305	-54,162	-2,939	
Commercial & Industrial								
Large C&I New Construction	657,560	44,443	63	716,705	48,823	-59,144	-4,380	
Large C&I Retrofit	1,075,167	100,812	59	1,016,519	94,766	58,647	6,046	
Small Business Direct Install	118,655	9,857	148	130,193	9,723	-11,538	134	
C&I Multifamily	65,609	4,205	495	64,645	4,249	963	-44	
Subtotal	1,916,991	159,317	765	1,928,063	157,561	-11,072	1,756	
Grand Total	3,289,038	312,846	145,345	3,537,835	324,879	-248,797	-12,033	

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

							m n					Washington St.					Societal		
			Non Electric					Electric Energy					Electric Capacity	·					
			Other	Non		Sum		Wir		Electric Energy	Summer	Capacity							
	Natural Gas	Oil	Resource	Resource	Utility NEIs	Peak	Off Peak	Peak	Off Peak	DRIPE	Generation	DRIPE	Transmission	Distribution	Reliability	Carbon	NOx	Economic	
Residential																			
Residential New Construction	\$562	\$0	\$3		\$0	\$0	\$0	\$0	S0	\$0	\$0	\$0	\$0	\$0	\$0	\$311	\$42	\$1,051	
Residential HVAC	\$1,995	S0		\$320	\$0	-\$2	-\$1	-\$7	-\$5	-\$4	-\$1	\$0	-\$1	-\$2	\$0	\$1,156	\$154	\$3,579	
EnergyWise Single Family	\$5,713	\$0	\$123	\$2,731	\$0	\$66	\$57	\$66	\$75	\$55	\$45	\$26	\$90	\$102	\$0	\$3,346	\$429	\$10,554	
EnergyWise Multifamily	\$966	S0	\$40	\$3,280	\$0	\$5	\$4	\$1	\$0	\$2	\$4	\$3	\$8	\$10	\$0	\$533	\$72	\$3,442	
Home Energy Reports	\$710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$669	\$60	\$981	
Subtotal	\$9,946	S0	\$237	\$6,967	\$0	\$69	\$60	\$60	\$70	\$53	\$49	\$29	\$97	\$110	\$0	\$6,014	\$757	\$19,607	
Income Eligible Residential																			
Income Eligible Single Family	\$1,141	S0	S0	\$5,263	\$36	\$11	\$10	\$15	\$17	\$11	\$10	\$6	\$19	\$22	\$0	\$647	\$85	\$6,894	
Income Eligible Multifamily	\$1,550	\$0	\$23	\$6,911	\$0	\$9	\$7	\$1	\$1	\$3	\$8	\$5	\$16	\$18	\$0	\$982	\$116	\$7,103	
Income Eligible Services	\$2,691	\$0	\$23	\$12,174	\$36	\$19	\$17	\$16	\$18	\$15	\$17	\$10	\$35	\$39	\$0	\$1,628	\$201	\$13,997	
Subtotal	\$2,691	S0	\$23	\$12,174	\$36	\$19	\$17	\$16	\$18	\$15	\$17	\$10	\$35	\$39	\$0	\$1,628	\$201	\$13,997	
Commercial & Industrial																			
Large C&I New Construction	\$5,247	\$0	\$95	\$2,824	\$0	\$0	\$0	\$0	\$0	\$0	\$55	\$42	\$110	\$125	\$1	\$4,013	\$486	\$12,704	
Large C&I Retrofit	\$9,035	S0	S0	\$932	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,996	\$800	\$13,900	
Small Business Direct Install	\$980	\$0	\$154	\$73	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$730	\$88	\$2,337	
C&I Multifamily	\$576	S0	\$2	\$4,846	\$0	\$4	\$3	\$1	\$0	\$1	\$3	\$2	\$7	\$8	\$0	\$394	\$49	\$7,150	
Subtotal	\$15,838	\$0	\$252	\$8,676	\$0	\$4	\$3	\$1	\$0	\$1	\$58	\$44	\$117	\$133	\$1	\$12,133	\$1,423	\$36,091	
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 PIM Budget	Regulatory Costs	Total PIM-Eligible Costs			
Residential	\$15,091	\$126	\$15,217			
Income Eligible Residential	\$7,581	\$126	\$7,706			
Commercial & Industrial	\$9,022	\$126	\$9,147			

Notes:

(1) Regulatory costs allocated equally to each sector. OER and RIIB are omitted from regulatory costs.

Table G-8C Rhode Island Energy 2024 PIM and SQA (\$000)

		Performance Incentive													
	Eligible	Eligible Benefits		Eligible Net	Design	Design Payout	Design	Design							
	100% Utility	50% Resource	Eligible Costs	Benefits	Performance	Rate	Performance	Payout Cap	Adjustment						
	System Benefits	Benefits		Belletits	Achievement	Kate	Payout		Applied						
Residential	\$0	\$298	\$15,217	-\$4,854	\$2,000	25.0%	\$500	\$625	TRUE						
Income Eligible Residential	\$0	\$93	\$7,706	-\$4,875	\$2,000	25.0%	\$500	\$625	TRUE						
Commercial & Industrial	\$0	\$180	\$9,147	\$6,997	\$6,997	11.7%	\$819	\$1,023	FALSE						

	Service Quality Adjustment (SQA)										
	Eligible	Benefits		Design Service							
	100% Utility	50% Resource	Eligible Costs	Achievement	Maximum SQA						
	System Benefits	Benefits		Acmevement	1						
Residential	\$0	\$298	\$15,217	\$10,363	\$302						
Income Eligible Residential	\$0	\$93	\$7,706	\$2,831	\$110						
Commercial & Industrial	\$0	\$180	\$9,147	\$16,145	\$0						

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

Large C&I R	evolving
Loan Fund	

(1)	Total Loan Fund Deposits Through Previous Year	\$3,590,440
(2)	Current Loan Fund Balance	\$2,347,542
(3)	Projected Additional Loans from Previous Year	\$183,170
(4)	Projected Additional Repayments from Previous Year	\$379,270
(5)	Projected Year End Loan Fund Balance from Previous Year	\$2,543,641
(6)	2024 Fund Injection	\$0
(7)	Projected Loan Fund Balance Beginning of Year	\$2,543,641
(8)	Projected Repayments Throughout 2024	\$910,247
(9)	Estimated Loans in 2024	\$297,000
(10)	Projected Year End Loan Fund Balance 2024	\$3,750,888

- (1) Funding injections present since loan funds began. Net of any adjustments.
- (2) Current Loan Fund Balance is through July 2023.
- (3) Projected Loans from August to Year-End 2023 are 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 2024 instead of 2023.
- (4) Projected Repayments from August to year-end 2023 are estimated based on average repayments over previous 12 months; repayments accumulate over time and may vary widely.
- (5) Line (5) equal to line (2) line (3) + line (4).
- (6) Fund Injection, as budgeted on Table G-2.
- (7) Line (7) equal to line (5) + line (6).
- (8) Assumption based on average over previous 12 months; repayments accumulate over time and may vary widely.

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	\$36.9	\$34.9
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	\$33.8	\$31.7
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%				
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	\$818,777
Earned Incentive		\$288,734	\$262,121	\$231,310	\$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	\$0.1136	\$0.1095
C&I System Benefits Charge (\$/Therm)								\$0.0492	\$0.0637	\$0.0487	\$0.0726	\$0.0671	\$0.0420	\$0.0704	\$0.0596	\$0.0846	\$0.0620	\$0.0821
Annual Cost to 846 Therm/Year Residential Customer w/o Tax								\$50.76	\$66.07	\$63.28	\$75.12	\$73.52	\$60.49	\$85.53	\$73.69	\$107.53	\$96.11	\$92.64
Annual Cost to 846 Therm/Year Residential Customer w/ Tax (1)								\$52.33	\$68.11	\$65.24	\$77.44	\$75.79	\$62.36	\$88.18	\$75.97	\$110.86	\$99.08	\$95.51

Notes: (1) Assumes Tax Rate of 3%.