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Also admitted in Massachusetts

December 20, 2023

**VIA ELECTRONIC MAIL AND HAND DELIVERY**

Luly E. Massaro, Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**Re: Docket No. 23-35-EE – 2024-2026 Three Year Energy Efficiency Plan and  
2024 Annual Energy Efficiency Plan  
Compliance Filing Following December 19, 2023 Open Meeting**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (“Rhode Island Energy” or the “Company”), and pursuant to the Public Utilities Commission’s votes at its December 19, 2023 open meeting, I have enclosed the Company’s compliance filing in the above-referenced docket. This filing consists of updates to Attachment 5 (Electric Tables) and Attachment 6 (Gas Tables) filed by the Company on December 5, 2023.

Please contact me if you have any questions. Thank you for your attention to this matter.

Very truly yours,



Leticia C. Pimentel

cc: Docket 23-35-EE Service List

Certificate of Service

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

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

Heidi J. Seddon

December 20, 2023

Date

**Docket No. 23-35-EE – Rhode Island Energy’s EE Plan 2024-2026 Three-Year Plan and 2024 Annual EEP  
Service list updated 10/4/2023**

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

	Residential	Income Eligible Residential	Commercial & Industrial	Portfolio	
<b>(1) Projected Budget</b>	<b>\$32,696,953</b>	<b>\$16,213,169</b>	<b>\$46,344,197</b>		<b>\$95,254,319</b>
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	-\$8,315,583	\$0	\$9,565,256		\$1,249,673
(4) Projected FCM Net Revenue from ISO-NE	\$4,579,259	\$381,407	\$6,525,614		\$11,486,280
<b>(5) Total Other Funding</b>	<b>-\$3,736,324</b>	<b>\$381,407</b>	<b>\$16,090,870</b>		<b>\$12,735,953</b>
<b>(6) Customer Funding Required</b>	<b>\$36,433,278</b>	<b>\$15,831,762</b>	<b>\$30,253,327</b>		<b>\$82,518,366</b>
<b>(7) Forecasted kWh Sales</b>	<b>2,921,692,939</b>	<b>243,348,090</b>	<b>4,163,521,503</b>		<b>7,328,562,532</b>
(8) Energy Efficiency Program Charge per kWh (Excluding Uncollectible Recovery)					\$0.01125
(9) Proposed SRP Opex Factor per kWh (Excluding Uncollectible Recovery)					\$0.00000
(10) Total Proposed Energy Efficiency Charge per kWh (Excluding Uncollectible Recovery)					\$0.01125
(11) Currently Effective Uncollectible Rate					1.3%
<b>(12) Proposed Energy Efficiency Program Charge per kWh (Including Uncollectible Recovery)</b>					<b>\$0.01139</b>
(13) Previous Year's Energy Efficiency Program Charge per kWh					\$0.00956
(14) Adjustment to Reflect Fully Reconciling Funding Mechanism per kWh					\$0.00183

Notes:

- (1) Projected Budget includes regulatory costs which are allocated by forecasted kWh sales to each sector.
- (2) Projected FCM Net Revenue from ISO-NE is allocated by forecasted kWh sales to each sector.
- (3) Total Other Funding equals Line (2) + Line (3) + Line (4)
- (4) Customer Funding Required equals Line (1) - Line (5)
- (5) Energy Efficiency Program Charge per kWh (Excluding Uncollectible Recovery) equals Line (6) ÷ Line (7), truncated to five decimal places.
- (6) Total Proposed Energy Efficiency Charge per kWh (Excluding Uncollectible Recovery) equals Line (8) + Line (9)
- (7) Uncollectible rate approved in Docket No. 4770.
- (8) Proposed Energy Efficiency Program Charge per kWh (Including Uncollectible Recovery) equals Line (10) ÷ (1-Line (11)), truncated to five decimal places.
- (9) Adjustment to Reflect Fully Reconciling Funding Mechanism per kWh equals Line (12) - Line (13)

**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
<b>Residential</b>							
Residential New Construction	\$122.3	\$24.3	\$525.0	\$592.7	\$48.3		\$1,312.7
Residential HVAC	\$358.2	\$282.1	\$5,021.6	\$849.7	\$59.2		\$6,570.7
EnergyWise Single Family	\$450.2	\$362.4	\$13,469.9	\$1,816.9	\$178.3		\$16,277.7
EnergyWise Multifamily	\$117.1	\$68.7	\$923.3	\$166.5	\$16.3		\$1,291.9
Home Energy Reports	\$28.1	\$13.4	\$0.0	\$2,061.9	\$19.8		\$2,123.3
Residential Consumer Products	\$112.8	\$432.0	\$718.1	\$699.6	\$24.9		\$1,987.4
Comprehensive Marketing - Residential	\$0.7	\$325.8	\$0.0	\$0.0	\$0.0		\$326.5
Community Based Initiatives - Residential	\$0.0	\$139.4	\$0.0	\$0.0	\$0.0		\$139.4
Residential Performance Incentive						\$366.9	\$366.9
<b>Subtotal</b>	<b>\$1,189.4</b>	<b>\$1,648.2</b>	<b>\$20,657.9</b>	<b>\$6,187.3</b>	<b>\$346.8</b>	<b>\$366.9</b>	<b>\$30,396.5</b>
<b>Income Eligible Residential</b>							
Income Eligible Single Family	\$361.4	\$135.7	\$9,701.2	\$1,911.6	\$127.4		\$12,237.4
Income Eligible Multifamily	\$232.4	\$15.1	\$2,929.0	\$551.4	\$56.3		\$3,784.2
Income Eligible Performance Incentive						\$0.0	\$0.0
<b>Subtotal</b>	<b>\$593.8</b>	<b>\$150.8</b>	<b>\$12,630.2</b>	<b>\$2,463.0</b>	<b>\$183.7</b>	<b>\$0.0</b>	<b>\$16,021.6</b>
<b>Commercial &amp; Industrial</b>							
Large C&I New Construction	\$247.4	\$216.9	\$6,526.9	\$1,637.7	\$598.3		\$9,227.2
Large C&I Retrofit	\$747.9	\$161.0	\$16,982.1	\$4,241.7	\$665.1		\$22,797.9
Small Business Direct Install	\$282.2	\$181.6	\$7,070.7	\$271.0	\$394.5		\$8,199.9
C&I Financing	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		\$0.0
Community Based Initiatives - C&I	\$2.5	\$46.5	\$0.0	\$9.0	\$0.0		\$57.9
Commercial Workforce Development	\$0.0	\$0.0	\$0.0	\$74.9	\$0.0		\$74.9
Commercial & Industrial Performance Incentive						\$2,708.2	\$2,708.2
<b>Subtotal</b>	<b>\$1,280.0</b>	<b>\$605.9</b>	<b>\$30,579.7</b>	<b>\$6,234.2</b>	<b>\$1,657.9</b>	<b>\$2,708.2</b>	<b>\$43,065.9</b>
<b>Portfolio</b>							
EERMC	\$645.1	\$0.0	\$0.0	\$0.0	\$0.0		\$645.1
OER	\$1,387.7	\$0.0	\$0.0	\$0.0	\$0.0		\$1,387.7
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$3,737.5	\$0.0	\$0.0		\$3,737.5
<b>Subtotal</b>	<b>\$2,032.8</b>	<b>\$0.0</b>	<b>\$3,737.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5,770.3</b>
<b>Grand Total</b>	<b>\$5,096.0</b>	<b>\$2,404.9</b>	<b>\$67,605.3</b>	<b>\$14,884.5</b>	<b>\$2,188.5</b>	<b>\$3,075.1</b>	<b>\$95,254.3</b>

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.
- (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)**

	<b>Proposed 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>Residential</b>						
Residential New Construction	\$1,312.7					\$1,312.7
Residential HVAC	\$6,570.7					\$6,570.7
EnergyWise Single Family	\$16,277.7					\$16,277.7
EnergyWise Multifamily	\$1,291.9					\$1,291.9
Home Energy Reports	\$2,123.3					\$2,123.3
Residential Consumer Products	\$1,987.4					\$1,987.4
Comprehensive Marketing - Residential	\$326.5					\$326.5
Community Based Initiatives - Residential	\$139.4					\$139.4
Residential Performance Incentive	\$366.9			\$366.9		
<b>Subtotal</b>	<b>\$30,396.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$366.9</b>	<b>\$30,003.6</b>	<b>\$30,029.6</b>
<b>Income Eligible Residential</b>						
Income Eligible Single Family	\$12,237.4					\$12,237.4
Income Eligible Multifamily	\$3,784.2					\$3,784.2
Income Eligible Performance Incentive	\$0.0			\$0.0		
<b>Subtotal</b>	<b>\$16,021.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$15,996.2</b>	<b>\$16,021.6</b>
<b>Commercial &amp; Industrial</b>						
Large C&I New Construction	\$9,227.2					\$9,227.2
Large C&I Retrofit	\$22,797.9					\$22,797.9
Small Business Direct Install	\$8,199.9					\$8,199.9
C&I Financing	\$0.0					\$0.0
Community Based Initiatives - C&I	\$57.9					\$57.9
Commercial Workforce Development	\$74.9					\$74.9
Commercial & Industrial Performance Incentive	\$2,708.2			\$2,708.2		
<b>Subtotal</b>	<b>\$43,065.9</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$2,708.2</b>	<b>\$40,357.8</b>	<b>\$40,357.8</b>
<b>Portfolio</b>						
EERMC	\$645.1			\$645.1		\$645.1
OER	\$1,387.7			\$1,387.7		\$1,387.7
Rhode Island Infrastructure Bank	\$3,737.5			\$3,737.5		\$3,737.5
<b>Subtotal</b>	<b>\$5,770.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5,770.3</b>	<b>\$645.1</b>	<b>\$5,770.3</b>
<b>Grand Total</b>	<b>\$95,254.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8,845.4</b>	<b>\$87,002.7</b>	<b>\$92,179.3</b>

Notes:

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

	<b>Proposed Implementation Budget 2024</b>	<b>Approved Implementation Budget 2023</b>	<b>Difference</b>
<b>Residential</b>			
Residential New Construction	\$1,312.7	\$1,592.0	-\$279.2
Residential HVAC	\$6,570.7	\$5,340.8	\$1,229.9
EnergyWise Single Family	\$16,277.7	\$15,585.3	\$692.4
EnergyWise Multifamily	\$1,291.9	\$1,341.2	-\$49.3
Home Energy Reports	\$2,123.3	\$2,145.8	-\$22.5
Residential Consumer Products	\$1,987.4	\$2,489.1	-\$501.6
Comprehensive Marketing - Residential	\$326.5	\$310.5	\$16.0
Community Based Initiatives - Residential	\$139.4	\$280.6	-\$141.2
<b>Subtotal</b>	<b>\$30,029.6</b>	<b>\$29,085.1</b>	<b>\$944.4</b>
<b>Income Eligible Residential</b>			
Income Eligible Single Family	\$12,237.4	\$11,843.2	\$394.2
Income Eligible Multifamily	\$3,784.2	\$3,335.8	\$448.4
<b>Subtotal</b>	<b>\$16,021.6</b>	<b>\$15,179.0</b>	<b>\$842.5</b>
<b>Commercial &amp; Industrial</b>			
Large C&I New Construction	\$9,227.2	\$8,269.2	\$958.0
Large C&I Retrofit	\$22,797.9	\$22,176.2	\$621.6
Small Business Direct Install	\$8,199.9	\$7,552.2	\$647.7
C&I Financing	\$0.0	\$2,000.0	-\$2,000.0
Community Based Initiatives - C&I	\$57.9	\$93.5	-\$35.5
Commercial Workforce Development	\$74.9	\$157.5	-\$82.6
<b>Subtotal</b>	<b>\$40,357.8</b>	<b>\$40,248.6</b>	<b>\$109.2</b>
<b>Portfolio</b>			
EERMC	\$645.1	\$594.3	\$50.8
OER	\$1,387.7	\$891.4	\$496.3
Electric Resistance to Heat Pump Conversions	\$0.0	\$1,707.6	-\$1,707.6
Rhode Island Infrastructure Bank	\$3,737.5	\$3,737.5	\$0.0
<b>Subtotal</b>	<b>\$5,770.3</b>	<b>\$6,930.7</b>	<b>-\$1,160.4</b>
<b>Total Implementation Budget</b>	<b>\$92,179.3</b>	<b>\$91,443.5</b>	<b>\$735.7</b>
<b>Other Expenses</b>			
Company Incentive	\$3,075.1	\$3,359.2	-\$284.1
<b>Subtotal</b>	<b>\$3,075.1</b>	<b>\$3,359.2</b>	<b>-\$284.1</b>
<b>Grand Total</b>	<b>\$95,254.3</b>	<b>\$94,802.7</b>	<b>\$451.6</b>

Notes:

- (1) Program implementation budget excludes commitments and company incentive.
- (2) Total budget includes implementation and commitments.
- (3) Approved Implementation Budget 2023 column is sourced from the January 2023 Compliance Filing.
- (4) Approved Implementation Budget 2023 column excludes ConnectedSolutions budgets for comparison purposes.

**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
<b>Residential</b>						
Residential New Construction	2.85	\$4,864.0	\$1,312.7	\$392.7		¢10.7
Residential HVAC	2.16	\$21,421.8	\$6,570.7	\$3,343.9		¢8.8
EnergyWise Single Family	1.33	\$25,363.3	\$16,277.7	\$2,802.9		¢127.3
EnergyWise Multifamily	2.41	\$3,448.7	\$1,291.9	\$140.5		¢17.6
Home Energy Reports	2.57	\$5,449.3	\$2,123.3	\$0.0		¢9.1
Residential Consumer Products	1.88	\$4,196.3	\$1,987.4	\$247.3		¢14.6
Comprehensive Marketing - Residential			\$326.5			
Community Based Initiatives - Residential			\$139.4			
<b>Subtotal</b>	<b>1.73</b>	<b>\$64,743.3</b>	<b>\$30,029.6</b>	<b>\$6,927.3</b>	<b>\$366.9</b>	<b>¢19.4</b>
<b>Income Eligible Residential</b>						
Income Eligible Single Family	1.56	\$19,130.0	\$12,237.4	\$0.0		¢33.2
Income Eligible Multifamily	1.70	\$6,435.0	\$3,784.2	\$0.0		¢20.4
<b>Subtotal</b>	<b>1.60</b>	<b>\$25,565.1</b>	<b>\$16,021.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>¢28.9</b>
<b>Commercial &amp; Industrial</b>						
Large C&I New Construction	3.63	\$37,149.4	\$9,227.2	\$1,000.6		¢5.6
Large C&I Retrofit	2.11	\$67,201.5	\$22,797.9	\$9,049.0		¢13.1
Small Business Direct Install	1.14	\$10,522.4	\$8,199.9	\$1,063.1		¢15.5
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$57.9			
Commercial Workforce Development			\$74.9			
<b>Subtotal</b>	<b>2.12</b>	<b>\$114,873.3</b>	<b>\$40,357.8</b>	<b>\$11,112.7</b>	<b>\$2,708.2</b>	<b>¢10.6</b>
<b>Portfolio</b>						
EERMC			\$645.1			
OER			\$1,387.7			
Rhode Island Infrastructure Bank			\$3,737.5			
<b>Subtotal</b>			<b>\$5,770.3</b>			
<b>Grand Total</b>	<b>1.81</b>	<b>\$205,181.6</b>	<b>\$92,179.3</b>	<b>\$18,040.0</b>	<b>\$3,075.1</b>	<b>¢15.1</b>



**Table E-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 kWh
<b>Residential</b>						
Residential New Construction	2.68	\$4,566.6	\$1,312.7	\$392.7		¢10.7
Residential HVAC	1.78	\$17,621.2	\$6,570.7	\$3,343.9		¢8.8
EnergyWise Single Family	1.29	\$24,527.8	\$16,277.7	\$2,802.9		¢127.3
EnergyWise Multifamily	2.22	\$3,182.8	\$1,291.9	\$140.5		¢17.6
Home Energy Reports	1.81	\$3,846.6	\$2,123.3	\$0.0		¢9.1
Residential Consumer Products	1.31	\$2,923.2	\$1,987.4	\$247.3		¢14.6
Comprehensive Marketing - Residential			\$326.5			
Community Based Initiatives - Residential			\$139.4			
<b>Subtotal</b>	<b>1.52</b>	<b>\$56,668.3</b>	<b>\$30,029.6</b>	<b>\$6,927.3</b>	<b>\$366.9</b>	<b>¢19.4</b>
<b>Income Eligible Residential</b>						
Income Eligible Single Family	1.44	\$17,582.9	\$12,237.4	\$0.0		¢33.2
Income Eligible Multifamily	1.59	\$6,031.7	\$3,784.2	\$0.0		¢20.4
<b>Subtotal</b>	<b>1.47</b>	<b>\$23,614.6</b>	<b>\$16,021.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>¢28.9</b>
<b>Commercial &amp; Industrial</b>						
Large C&I New Construction	2.89	\$29,604.9	\$9,227.2	\$1,000.6		¢5.6
Large C&I Retrofit	1.60	\$50,904.2	\$22,797.9	\$9,049.0		¢13.1
Small Business Direct Install	0.83	\$7,707.5	\$8,199.9	\$1,063.1		¢15.5
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$57.9			
Commercial Workforce Development			\$74.9			
<b>Subtotal</b>	<b>1.63</b>	<b>\$88,216.6</b>	<b>\$40,357.8</b>	<b>\$11,112.7</b>	<b>\$2,708.2</b>	<b>¢10.6</b>
<b>Portfolio</b>						
EERMC			\$645.1			
OER			\$1,387.7			
Rhode Island Infrastructure Bank			\$3,737.5			
<b>Subtotal</b>			<b>\$5,770.3</b>			
<b>Grand Total</b>	<b>1.49</b>	<b>\$168,499.6</b>	<b>\$92,179.3</b>	<b>\$18,040.0</b>	<b>\$3,075.1</b>	<b>¢15.1</b>

Notes:

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

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

	<b>Program Implementation Expenses</b>	<b>RI Economic Multiplier</b>	<b>Economic Benefits</b>	<b>RI Job Years Multiplier</b>	<b>Job Years</b>
<b>Residential</b>					
Residential New Construction	\$1,312.7	1.66	\$2,179.1	14.8	19
Residential HVAC	\$6,570.7	1.45	\$9,527.5	12.2	80
EnergyWise Single Family	\$16,277.7	1.17	\$19,044.9	12.3	200
EnergyWise Multifamily	\$1,291.9	1.97	\$2,545.0	14.8	19
Home Energy Reports	\$2,123.3	2.17	\$4,607.5	13.6	29
Residential Consumer Products	\$1,987.4	1.76	\$3,497.9	8.5	17
Comprehensive Marketing - Residential	\$326.5				
Community Based Initiatives - Residential	\$139.4				
<b>Subtotal</b>	<b>\$30,029.6</b>		<b>\$41,401.9</b>		<b>365</b>
<b>Income Eligible Residential</b>					
Income Eligible Single Family	\$12,237.4	1.67	\$20,436.4	10.9	133
Income Eligible Multifamily	\$3,784.2	2.37	\$8,968.5	13.4	51
<b>Subtotal</b>	<b>\$16,021.6</b>		<b>\$29,404.9</b>		<b>184</b>
<b>Commercial &amp; Industrial</b>					
Large C&I New Construction	\$9,227.2	4.76	\$43,921.3	19	175
Large C&I Retrofit	\$22,797.9	2.06	\$46,963.6	51.4	1,172
Small Business Direct Install	\$8,199.9	1.97	\$16,153.9	12.3	101
C&I Financing	\$0.0				
Community Based Initiatives - C&I	\$57.9				
Commercial Workforce Development	\$74.9				
<b>Subtotal</b>	<b>\$40,357.8</b>		<b>\$107,038.8</b>		<b>1,448</b>
<b>Portfolio</b>					
EERMC	\$645.1				
OER	\$1,387.7				
Rhode Island Infrastructure Bank	\$3,737.5				
<b>Subtotal</b>	<b>\$5,770.3</b>				
<b>Grand Total</b>	<b>\$92,179.3</b>		<b>\$177,845.6</b>		<b>1,997</b>

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

	Benefits (000's)																			
	Total (Economic Excluded)	Energy						Capacity				Non Electric				Societal				
		Peak	Off Peak	Peak	Off Peak	Electric Energy DR/PE	Summer Generation	Capacity DR/PE	Transmission	Distribution	Reliability	Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	CHIP Economic	Economic	
<b>Residential</b>																				
Residential New Construction	\$7,695	\$4,864	\$233	\$175	\$376	\$525	\$274	\$17	\$16	\$36	\$61	\$0	\$0	\$892	\$1,420	\$35	\$661	\$45	\$0	\$2,831
Residential HVAC	\$35,798	\$21,422	\$146	\$124	\$3,943	\$5,141	\$2,838	\$362	\$514	\$791	\$1,354	\$5	\$849	\$1,183	\$9	\$275	\$3,720	\$168	\$0	\$14,376
EnergyWise Single Family	\$47,688	\$25,363	\$250	\$217	\$314	\$318	\$334	\$181	\$202	\$390	\$667	\$2	\$0	\$1,189	\$2,408	\$3,210	\$3,109	\$497	\$0	\$22,524
EnergyWise Multifamily	\$6,270	\$3,449	\$128	\$112	\$176	\$204	\$170	\$39	\$39	\$84	\$143	\$0	\$0	\$404	\$53	\$1,601	\$275	\$19	\$0	\$2,822
Home Energy Reports	\$10,057	\$5,449	\$214	\$164	\$555	\$476	\$497	\$222	\$892	\$369	\$631	\$64	\$0	\$0	\$0	\$0	\$1,345	\$19	\$0	\$4,607
Residential Consumer Products	\$8,129	\$4,196	\$222	\$198	\$250	\$259	\$457	\$166	\$534	\$417	\$713	\$5	\$0	\$44	\$106	\$1	\$811	\$13	\$0	\$3,933
<b>Subtotal</b>	<b>\$115,637</b>	<b>\$64,743</b>	<b>\$1,193</b>	<b>\$989</b>	<b>\$5,615</b>	<b>\$6,919</b>	<b>\$4,570</b>	<b>\$987</b>	<b>\$2,196</b>	<b>\$2,086</b>	<b>\$3,570</b>	<b>\$76</b>	<b>\$849</b>	<b>\$15,712</b>	<b>\$4,175</b>	<b>\$5,122</b>	<b>\$9,921</b>	<b>\$761</b>	<b>\$0</b>	<b>\$50,894</b>
<b>Income Eligible Residential</b>																				
Income Eligible Single Family	\$39,566	\$19,130	\$343	\$343	\$985	\$1,161	\$895	\$240	\$287	\$521	\$892	\$3	\$51	\$2,526	\$566	\$8,647	\$1,551	\$119	\$0	\$20,436
Income Eligible Multifamily	\$15,404	\$6,435	\$169	\$152	\$585	\$584	\$393	\$12	\$20	\$27	\$46	\$0	\$41	\$276	\$60	\$2,401	\$455	\$16	\$1,280	\$8,969
<b>Subtotal</b>	<b>\$54,970</b>	<b>\$25,565</b>	<b>\$512</b>	<b>\$495</b>	<b>\$1,570</b>	<b>\$1,745</b>	<b>\$1,288</b>	<b>\$252</b>	<b>\$306</b>	<b>\$548</b>	<b>\$938</b>	<b>\$3</b>	<b>\$11</b>	<b>\$2,802</b>	<b>\$625</b>	<b>\$11,048</b>	<b>\$2,007</b>	<b>\$136</b>	<b>\$1,280</b>	<b>\$29,405</b>
<b>Commercial &amp; Industrial</b>																				
Large C&I New Construction	\$85,834	\$37,149	\$3,149	\$1,893	\$5,254	\$3,237	\$4,391	\$1,194	\$1,349	\$2,583	\$4,421	\$12	\$289	\$0	\$7	\$4,937	\$4,923	\$87	\$0	\$48,684
Large C&I Retrofit	\$132,806	\$67,201	\$3,733	\$2,636	\$5,033	\$4,157	\$7,685	\$2,016	\$5,438	\$4,866	\$8,328	\$50	\$190	\$27	\$0	\$1,995	\$11,327	\$154	\$0	\$65,605
Small Business Direct Install	\$28,771	\$10,522	\$975	\$519	\$1,455	\$806	\$1,905	\$217	\$614	\$587	\$1,004	\$6	\$89	\$4453	\$0	\$312	\$2,545	\$0	\$0	\$18,248
<b>Subtotal</b>	<b>\$247,411</b>	<b>\$114,873</b>	<b>\$7,857</b>	<b>\$5,049</b>	<b>\$11,742</b>	<b>\$8,280</b>	<b>\$13,982</b>	<b>\$3,456</b>	<b>\$7,401</b>	<b>\$8,036</b>	<b>\$13,753</b>	<b>\$69</b>	<b>\$568</b>	<b>\$4,479</b>	<b>\$7</b>	<b>\$17,244</b>	<b>\$18,798</b>	<b>\$249</b>	<b>\$0</b>	<b>\$132,537</b>
<b>Grand Total</b>	<b>\$418,017</b>	<b>\$205,182</b>	<b>\$9,562</b>	<b>\$6,533</b>	<b>\$18,927</b>	<b>\$16,945</b>	<b>\$19,840</b>	<b>\$4,696</b>	<b>\$9,904</b>	<b>\$10,670</b>	<b>\$18,261</b>	<b>\$147</b>	<b>\$291</b>	<b>\$18,034</b>	<b>\$4,807</b>	<b>\$33,415</b>	<b>\$30,724</b>	<b>\$1,146</b>	<b>\$1,280</b>	<b>\$212,836</b>

Notes:  
(1) The "CHIP Economic" column is a subset of the "Economic" column.

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

	Electric Energy Savings						Load Reduction (kW)		Gas Savings			Oil Saved			Propane Saved			Total Savings		
	MWh		MMBtu		CO2 (Short Tons)	Summer	Winter	MMBtu	CO2 (Short Tons)	MMBtu	CO2 (Short Tons)	MMBtu	CO2 (Short Tons)	MMBtu	CO2 (Short Tons)	MMBtu	CO2 (Short Tons)	MMBtu	CO2 (Short Tons)	
	Annual	Lifetime	Annual	Lifetime	Annual															Annual
<b>Residential</b>																				
Residential New Construction	735	15,904	2,507	54,263	342	18	52	0	0	0	1,521	33,089	133	1,517	35,789	128	5,545	123,141	603	
Residential HVAC	6,598	112,749	22,514	384,698	2,870	570	1,655	8,284	91,119	409	4,146	45,688	337	17	224	1	34,956	521,709	3,697	
EnergyWise Single Family	1,264	14,991	4,313	51,149	643	228	164	0	0	0	25,278	493,919	2,411	2,780	54,261	219	32,370	599,329	3,273	
EnergyWise Multifamily	505	8,122	1,723	27,714	270	44	34	0	0	0	650	14,963	75	27	426	2	2,399	43,103	347	
Home Energy Reports	23,359	23,359	79,700	79,700	9,206	2,212	4,964	0	0	0	0	0	0	0	0	0	79,700	79,700	9,206	
Residential Consumer Products	2,815	15,323	9,606	52,231	1,936	631	239	0	0	0	102	1,677	8	65	977	5	9,771	54,935	1,949	
<b>Subtotal</b>	<b>35,276</b>	<b>190,447</b>	<b>120,362</b>	<b>649,806</b>	<b>15,267</b>	<b>4,702</b>	<b>7,108</b>	<b>8,284</b>	<b>91,119</b>	<b>489</b>	<b>31,696</b>	<b>589,316</b>	<b>2,964</b>	<b>4,402</b>	<b>91,677</b>	<b>255</b>	<b>164,744</b>	<b>1,421,918</b>	<b>19,076</b>	
<b>Income Eligible Residential</b>																				
Income Eligible Single Family	2,466	36,840	8,415	125,699	972	320	390	531	7,437	31	4,683	94,351	377	344	6,576	24	13,973	234,063	1,404	
Income Eligible Multifamily	1,220	18,518	4,161	63,183	481	45	63	291	5,813	17	434	10,206	35	42	736	3	4,347	68,312	502	
<b>Subtotal</b>	<b>3,686</b>	<b>55,358</b>	<b>12,576</b>	<b>188,882</b>	<b>1,453</b>	<b>364</b>	<b>483</b>	<b>240</b>	<b>1,624</b>	<b>48</b>	<b>5,117</b>	<b>104,558</b>	<b>412</b>	<b>387</b>	<b>7,312</b>	<b>27</b>	<b>18,320</b>	<b>302,376</b>	<b>1,906</b>	
<b>Commercial &amp; Industrial</b>																				
Large C&I New Construction	11,956	181,356	40,795	618,787	6,513	1,499	1,413	-2,351	-32,874	-182	0	0	0	0	0	0	38,444	585,914	6,332	
Large C&I Retrofit	34,003	242,515	118,065	827,462	21,289	6,157	5,603	-8,292	-22,443	-625	-198	-1,189	-24	0	0	0	109,575	803,830	20,620	
Small Business Direct Install	8,270	59,873	28,558	290,286	3,888	684	612	-1,715	-10,318	-114	-3,350	-20,161	-306	0	0	0	23,493	173,898	3,468	
<b>Subtotal</b>	<b>54,929</b>	<b>483,744</b>	<b>187,418</b>	<b>1,650,536</b>	<b>31,671</b>	<b>8,340</b>	<b>7,628</b>	<b>-12,357</b>	<b>-65,635</b>	<b>-921</b>	<b>-3,548</b>	<b>-21,350</b>	<b>-330</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>171,512</b>	<b>1,563,551</b>	<b>30,420</b>	
<b>Grand Total</b>	<b>93,891</b>	<b>729,550</b>	<b>320,355</b>	<b>2,489,224</b>	<b>48,391</b>	<b>13,406</b>	<b>15,189</b>	<b>-3,833</b>	<b>27,108</b>	<b>-417</b>	<b>33,265</b>	<b>672,524</b>	<b>3,046</b>	<b>4,789</b>	<b>98,989</b>	<b>282</b>	<b>354,576</b>	<b>3,287,844</b>	<b>51,401</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 2021 AISC study was used to inform the electric emissions factor, taking the average of summer/winter on/off-peak.

Table E-4B  
Rhode Island Energy  
Summary of 2024 Intrastate Energy Efficiency Benefits by Program

	Total (Economic Excluded)	Benefits (000s)																		
		Energy					Capacity					Non Electric			Societal					
		Peak	Off Peak	Peak	Off Peak	Electric Energy DR/PE	Summer Generation	Capacity DR/PE	Transmission	Distribution	Reliability	Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	CHIP Economic	Economic	
<b>Residential</b>																				
Residential New Construction	\$7,398	\$4,567	\$233	\$175	\$376	\$525	\$23	\$17	\$1	\$4	\$61	\$0	\$0	\$892	\$1,420	\$35	\$661	\$45	\$0	\$2,831
Residential HVAC	\$31,997	\$17,621	\$146	\$124	\$3,943	\$5,141	\$209	\$362	\$40	\$92	\$1,354	\$5	\$849	\$1,183	\$9	\$275	\$3,720	\$168	\$0	\$14,376
EnergyWise Single Family	\$46,852	\$24,528	\$250	\$217	\$314	\$315	\$20	\$181	\$19	\$45	\$667	\$2	\$0	\$1,189	\$2,408	\$3,210	\$3,109	\$497	\$0	\$22,524
EnergyWise Multifamily	\$6,095	\$3,183	\$128	\$112	\$176	\$204	\$14	\$39	\$3	\$10	\$143	\$0	\$0	\$404	\$53	\$1,601	\$275	\$19	\$0	\$2,822
Home Energy Reports	\$8,454	\$3,847	\$214	\$164	\$555	\$476	\$43	\$222	\$70	\$43	\$631	\$64	\$0	\$0	\$0	\$0	\$1,345	\$19	\$0	\$4,607
Residential Consumer Products	\$6,856	\$2,923	\$222	\$198	\$250	\$259	\$44	\$166	\$42	\$49	\$713	\$5	\$0	\$44	\$106	\$1	\$811	\$13	\$0	\$3,933
<b>Subtotal</b>	<b>\$107,562</b>	<b>\$56,668</b>	<b>\$1,193</b>	<b>\$989</b>	<b>\$5,615</b>	<b>\$6,919</b>	<b>\$362</b>	<b>\$987</b>	<b>\$172</b>	<b>\$243</b>	<b>\$3,570</b>	<b>\$76</b>	<b>\$849</b>	<b>\$15,712</b>	<b>\$4,175</b>	<b>\$5,122</b>	<b>\$9,921</b>	<b>\$761</b>	<b>\$0</b>	<b>\$50,894</b>
<b>Income Eligible Residential</b>																				
Income Eligible Single Family	\$38,019	\$17,583	\$343	\$343	\$985	\$1,161	\$73	\$240	\$22	\$61	\$892	\$3	\$51	\$2,526	\$566	\$8,647	\$1,551	\$119	\$0	\$20,436
Income Eligible Multifamily	\$15,000	\$6,032	\$169	\$152	\$585	\$584	\$31	\$12	\$2	\$3	\$46	\$0	\$41	\$276	\$60	\$2,401	\$455	\$16	\$1,280	\$8,969
<b>Subtotal</b>	<b>\$53,020</b>	<b>\$23,615</b>	<b>\$512</b>	<b>\$495</b>	<b>\$1,570</b>	<b>\$1,745</b>	<b>\$104</b>	<b>\$252</b>	<b>\$24</b>	<b>\$64</b>	<b>\$938</b>	<b>\$3</b>	<b>\$11</b>	<b>\$2,802</b>	<b>\$625</b>	<b>\$11,048</b>	<b>\$2,007</b>	<b>\$136</b>	<b>\$1,280</b>	<b>\$29,405</b>
<b>Commercial &amp; Industrial</b>																				
Large C&I New Construction	\$78,289	\$29,605	\$3,149	\$1,893	\$5,254	\$3,237	\$372	\$1,194	\$106	\$301	\$4,421	\$12	\$289	\$0	\$7	\$4,937	\$4,923	\$87	\$0	\$48,684
Large C&I Retrofit	\$116,509	\$50,904	\$3,733	\$2,636	\$5,033	\$4,157	\$698	\$2,016	\$426	\$568	\$8,328	\$50	\$190	\$27	\$0	\$1,995	\$11,327	\$154	\$0	\$65,605
Small Business Direct Install	\$25,936	\$7,707	\$975	\$519	\$1,455	\$886	\$173	\$217	\$48	\$68	\$1,004	\$6	\$89	\$453	\$0	\$312	\$2,545	\$9	\$0	\$18,248
<b>Subtotal</b>	<b>\$220,754</b>	<b>\$88,217</b>	<b>\$7,857</b>	<b>\$5,049</b>	<b>\$11,742</b>	<b>\$8,280</b>	<b>\$1,245</b>	<b>\$3,456</b>	<b>\$580</b>	<b>\$937</b>	<b>\$13,753</b>	<b>\$69</b>	<b>\$568</b>	<b>\$479</b>	<b>\$7</b>	<b>\$17,244</b>	<b>\$18,795</b>	<b>\$249</b>	<b>\$0</b>	<b>\$132,537</b>
<b>Grand Total</b>	<b>\$381,335</b>	<b>\$168,500</b>	<b>\$9,562</b>	<b>\$6,533</b>	<b>\$18,927</b>	<b>\$16,945</b>	<b>\$1,712</b>	<b>\$4,696</b>	<b>\$776</b>	<b>\$1,245</b>	<b>\$18,261</b>	<b>\$147</b>	<b>\$291</b>	<b>\$18,034</b>	<b>\$4,807</b>	<b>\$33,415</b>	<b>\$30,724</b>	<b>\$1,146</b>	<b>\$1,280</b>	<b>\$212,836</b>

Notes:  
(1) The "CHIP Economic" column is a subset of the "Economic" column.  
(2) Rest-of-pool DR/PE and PTF transmission are excluded.

**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)	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)	Lifetime Electric Energy Savings (MWh)	Annual Electric Energy Savings (MWh)	Annual Passive Summer Demand Savings (kW)
<b>Residential</b>											
Residential New Construction	15,904	735	18	54,263	415	13,144	689	16	2,759	45	2
Residential HVAC	112,749	6,598	570	384,698	6,457	71,055	4,175	640	41,694	2,424	-70
EnergyWise Single Family	14,991	1,264	228	51,149	9,592	16,940	3,147	466	-1,949	-1,883	-237
EnergyWise Multifamily	8,122	505	44	27,714	1,768	9,493	680	108	-1,370	-175	-64
Home Energy Reports	23,359	23,359	3,212	79,700	280,116	24,350	24,350	3,348	-991	-991	-136
Residential Consumer Products	15,323	2,815	631	52,281	26,628	31,684	4,473	885	-16,361	-1,657	-254
<b>Subtotal</b>	<b>190,447</b>	<b>35,276</b>	<b>4,702</b>	<b>649,806</b>	<b>324,977</b>	<b>166,665</b>	<b>37,513</b>	<b>5,462</b>	<b>23,782</b>	<b>-2,237</b>	<b>-760</b>
<b>Income Eligible Residential</b>											
Income Eligible Single Family	36,840	2,466	320	125,699	3,153	24,080	2,539	367	12,760	-72	-48
Income Eligible Multifamily	18,518	1,220	45	63,183	2,823	17,632	1,298	90	886	-79	-45
<b>Subtotal</b>	<b>55,358</b>	<b>3,686</b>	<b>364</b>	<b>188,882</b>	<b>5,976</b>	<b>41,712</b>	<b>3,837</b>	<b>457</b>	<b>13,646</b>	<b>-151</b>	<b>-93</b>
<b>Commercial &amp; Industrial</b>											
Large C&I New Construction	181,356	11,956	1,499	618,787	46	157,598	10,481	1,306	23,758	1,475	193
Large C&I Retrofit	242,515	34,603	6,157	827,462	2,170	244,962	35,260	6,143	-2,446	-657	14
Small Business Direct Install	59,873	8,370	684	204,286	343	57,778	9,260	708	2,095	-890	-25
<b>Subtotal</b>	<b>483,744</b>	<b>54,929</b>	<b>8,340</b>	<b>1,650,536</b>	<b>2,559</b>	<b>460,338</b>	<b>55,001</b>	<b>8,157</b>	<b>23,407</b>	<b>-72</b>	<b>182</b>
<b>Grand Total</b>	<b>729,550</b>	<b>93,891</b>	<b>13,406</b>	<b>2,489,224</b>	<b>333,513</b>	<b>668,715</b>	<b>96,351</b>	<b>14,076</b>	<b>60,835</b>	<b>-2,461</b>	<b>-670</b>

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

	Energy					Capacity					Utility NEIs	Non Electric				Social		
	Summer		Winter		Electric Energy DRPE	Summer Generation	Capacity DRPE	Transmission	Distribution	Reliability		Natural Gas	Oil	Other Resource	Non Resource	Carbon	NOx	Economic
	Peak	Off Peak	Peak	Off Peak														
<b>Residential</b>																		
Residential New Construction	\$233	\$175	\$376	\$525	\$274	\$17	\$16	\$36	\$61	\$0	\$0	\$0	\$892	\$1,520	\$35	\$661	\$45	\$2,831
Residential HVAC	\$146	\$128	\$3,043	\$5,141	\$2,838	\$362	\$514	\$791	\$1,354	\$5	\$0	\$849	\$1,183	\$9	\$275	\$3,720	\$168	\$14,376
EnergyWise Single Family	\$250	\$217	\$314	\$315	\$334	\$181	\$202	\$390	\$667	\$2	\$0	\$0	\$13,189	\$2,488	\$3,210	\$3,109	\$497	\$22,324
EnergyWise Multifamily	\$128	\$112	\$176	\$204	\$170	\$39	\$39	\$84	\$143	\$0	\$0	\$0	\$404	\$53	\$1,601	\$275	\$19	\$2,822
Home Energy Reports	\$214	\$164	\$555	\$476	\$497	\$222	\$892	\$369	\$631	\$64	\$0	\$0	\$0	\$0	\$0	\$1,345	\$19	\$4,607
Residential Consumer Products	\$222	\$198	\$250	\$259	\$457	\$166	\$534	\$417	\$713	\$5	\$0	\$0	\$44	\$106	\$1	\$811	\$13	\$3,933
<b>Subtotal</b>	<b>\$1,193</b>	<b>\$989</b>	<b>\$5,615</b>	<b>\$6,919</b>	<b>\$4,570</b>	<b>\$987</b>	<b>\$2,196</b>	<b>\$2,086</b>	<b>\$3,570</b>	<b>\$76</b>	<b>\$0</b>	<b>\$849</b>	<b>\$15,712</b>	<b>\$4,175</b>	<b>\$5,122</b>	<b>\$9,921</b>	<b>\$761</b>	<b>\$58,894</b>
<b>Income Eligible Residential</b>																		
Income Eligible Single Family	\$343	\$343	\$985	\$1,161	\$895	\$240	\$287	\$521	\$892	\$3	\$243	\$51	\$2,526	\$566	\$8,647	\$1,551	\$119	\$20,436
Income Eligible Multifamily	\$169	\$152	\$585	\$584	\$393	\$12	\$20	\$27	\$46	\$0	\$5	-\$41	\$2,76	\$60	\$2,401	\$455	\$16	\$8,969
<b>Subtotal</b>	<b>\$512</b>	<b>\$495</b>	<b>\$1,570</b>	<b>\$1,745</b>	<b>\$1,288</b>	<b>\$252</b>	<b>\$306</b>	<b>\$548</b>	<b>\$938</b>	<b>\$3</b>	<b>\$247</b>	<b>\$11</b>	<b>\$2,802</b>	<b>\$625</b>	<b>\$11,048</b>	<b>\$2,007</b>	<b>\$136</b>	<b>\$29,405</b>
<b>Commercial &amp; Industrial</b>																		
Large C&I New Construction	\$3,149	\$1,893	\$5,254	\$3,237	\$4,391	\$1,194	\$1,349	\$2,583	\$4,421	\$12	\$0	-\$289	\$0	\$7	\$4,937	\$4,923	\$87	\$48,684
Large C&I Retrofit	\$3,733	\$2,636	\$5,033	\$4,157	\$7,685	\$2,016	\$5,438	\$4,866	\$8,328	\$50	\$0	-\$190	-\$27	\$0	\$11,995	\$11,327	\$154	\$65,605
Small Business Direct Install	\$975	\$519	\$1,455	\$886	\$1,905	\$247	\$614	\$587	\$1,004	\$6	\$0	-\$89	-\$453	\$0	\$312	\$2,545	\$9	\$18,248
<b>Subtotal</b>	<b>\$7,857</b>	<b>\$5,049</b>	<b>\$11,742</b>	<b>\$8,280</b>	<b>\$13,982</b>	<b>\$3,456</b>	<b>\$7,401</b>	<b>\$8,036</b>	<b>\$13,753</b>	<b>\$69</b>	<b>\$0</b>	<b>-\$568</b>	<b>-\$479</b>	<b>\$7</b>	<b>\$17,244</b>	<b>\$18,795</b>	<b>\$249</b>	<b>\$122,537</b>
<b>Grand Total</b>	<b>\$9,562</b>	<b>\$6,533</b>	<b>\$18,927</b>	<b>\$16,945</b>	<b>\$19,840</b>	<b>\$4,696</b>	<b>\$9,904</b>	<b>\$10,670</b>	<b>\$18,261</b>	<b>\$147</b>	<b>\$247</b>	<b>\$291</b>	<b>\$18,034</b>	<b>\$4,807</b>	<b>\$33,415</b>	<b>\$38,724</b>	<b>\$1,146</b>	<b>\$212,836</b>
Benefit is PIM Eligible	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%	35%	35%	35%	0%	0%	0%	0%

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

	Eligible PIM Budget	Regulatory Costs	Total PIM-Eligible Costs
Residential	\$30,004	\$215	\$30,219
Income Eligible Residential	\$15,996	\$215	\$16,211
Commercial & Industrial	\$40,358	\$215	\$40,573

Notes:

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



**Table E-8C**  
**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	35% Resource Benefits							
Residential	\$28,203	\$7,258	\$30,219	\$5,242	\$5,242	7.0%	\$367	\$459	FALSE
Income Eligible Residential	\$7,904	\$1,203	\$16,211	-\$7,104	\$2,000	25.0%	\$500	\$625	TRUE
Commercial & Industrial	\$79,625	-\$364	\$40,573	\$38,688	\$38,688	7.0%	\$2,708	\$3,385	FALSE

	Service Quality Adjustment (SQA)				
	Eligible Benefits		Eligible Costs	Design Service Achievement	Maximum SQA
	100% Utility System Benefits	35% Resource Benefits			
Residential	\$28,203	\$7,258	\$30,219	\$35,460	\$0
Income Eligible Residential	\$7,904	\$1,203	\$16,211	\$9,108	\$353
Commercial & Industrial	\$79,625	-\$364	\$40,573	\$79,261	\$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	\$9,776,373	\$2,868,843	\$53,994	
<i>Loans Paid Year-To-Date</i>	\$3,282,857	\$369,584	\$0	
<i>Repayments Year-To-Date</i>	\$4,597,622	\$587,752	\$0	
(3) Projected Additional Loans from Previous Year	\$4,588,065	\$412,211	\$0	
(4) Projected Additional Repayments from Previous Year	\$3,533,532	\$380,451	\$0	
(5) Projected Year End Loan Fund Balance from Previous Year	\$8,721,839	\$2,837,083	\$53,994	
(6) 2024 Fund Injection	\$0	\$0	\$0	
(7) Projected Loan Fund Balance Beginning of Year	\$8,721,839	\$2,837,083	\$53,994	
(8) Projected Repayments Throughout 2024	\$8,480,476	\$893,074	\$0	
(9) Estimated Loans in 2024	\$7,900,000	\$800,000	\$0	
(10) Projected Year End Loan Fund Balance 2024	\$9,302,316	\$2,930,158	\$53,994	
(11) Energy Efficiency Funds Allocated to EBF Through Previous Year				\$22,087,113
(12) Total EBF Loans Outstanding				\$55,075,045

Notes:

- (1) Funding injections present since loan funds began. Net of any adjustments.
- (2) Current Loan Fund Balance is through July 2023; it includes all loans and repayments made by July 2023. Public Sector Revolving Loan Fund reduced by transfers to RI PEP Incentives. EBF reports in terms of loans outstanding.
- (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 injections for the Large C&I Revolving Loan Fund are included under the Finance Cost line in Table E-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.
- (9) Amount projected to be lent to customers in 2024.
- (10) Line (10) equal to line (7) + line (8) - line (9).
- (11) The 2024 Annual Plan only includes two values for Efficient Buildings Fund (EBF): 1) The Energy Efficiency Funds allocated to EBF through 2021. 2) Total EBF Loans Outstanding as of July 2022. Additional information is not available because 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 regarding EBF.

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	\$102.4	\$95.3
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	\$84.5	\$87.0
Actual Expenditures (\$ Million)	\$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	\$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	\$4,436,023	\$4,905,009	\$5,054,448	\$5,500,000	\$3,390,165	\$3,359,161	\$3,075,068
Earned Incentive	\$716,075	\$675,282	\$1,085,888	\$1,333,996	\$1,929,273	\$2,469,411	\$2,997,681	\$4,223,321	\$4,533,360	\$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	\$0.0114
Annual Cost to 500 kWh/Month Residential Customer w/o Tax	\$12.00	\$12.00	\$19.20	\$19.20	\$31.56	\$35.52	\$52.56	\$54.66	\$57.18	\$64.62	\$67.44	\$53.32	\$67.26	\$79.38	\$66.78	\$72.78	\$57.60	\$68.34
Annual Cost to 500 kWh/Month Residential Customer w/ Tax (1)	\$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	\$60.00	\$71.19

Notes:  
(1) Assumes Tax Rate of 4%.

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

	Residential	Income Eligible Residential	Commercial & Industrial	Portfolio	
<b>(1) Projected Budget</b>	<b>\$16,191,361</b>	<b>\$7,688,213</b>	<b>\$10,203,112</b>		<b>\$34,082,685</b>
Sources of Other Funding	\$0	\$0	\$0		\$0
(2) Projected Fund Balance and Interest from Previous Year	-\$1,776,400	\$0	\$3,942,053		\$2,165,653
(3a) Low Income Weatherization in Base Rates	\$0	\$0	\$0		\$0
(3b) Previous Year Investigation Credit	\$0	\$0	\$0		\$0
<b>(4) Total Other Funding</b>	<b>-\$1,776,400</b>	<b>\$0</b>	<b>\$3,942,053</b>		<b>\$2,165,653</b>
<b>(5) Customer Funding Required</b>	<b>\$17,967,761</b>	<b>\$7,688,213</b>	<b>\$6,261,059</b>		<b>\$31,917,032</b>
(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	
<b>(9) Forecasted Dth Volume</b>	<b>18,559,751</b>	<b>1,741,026</b>	<b>18,019,154</b>	<b>38,319,931</b>	
(10) Proposed Energy Efficiency Program Charge per Dth (Excluding Uncollectible Recovery)	\$0.980	\$0.980	\$0.667	\$0.833	
(11) Currently Effective Uncollectible Rate	1.91%	1.91%	1.91%		
<b>(12) Proposed Energy Efficiency Program Charge per Dth (Including Uncollectible Recovery)</b>	<b>\$0.998</b>	<b>\$0.998</b>	<b>\$0.680</b>	<b>\$0.848</b>	
(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	-\$0.138	-\$0.138	\$0.060		

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
<b>Residential</b>							
Residential New Construction	\$58.0	\$2.2	\$327.6	\$175.0	\$17.0		\$579.9
Residential HVAC	\$83.4	\$209.5	\$1,099.0	\$104.9	\$19.3		\$1,516.1
EnergyWise Single Family	\$273.7	\$64.5	\$9,258.4	\$1,394.4	\$93.3		\$11,084.3
EnergyWise Multifamily	\$66.7	\$51.5	\$1,130.6	\$183.7	\$7.2		\$1,439.7
Home Energy Reports	\$4.4	\$0.0	\$0.0	\$348.2	\$2.3		\$354.9
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
<b>Subtotal</b>	<b>\$486.3</b>	<b>\$453.8</b>	<b>\$11,815.6</b>	<b>\$2,206.2</b>	<b>\$139.1</b>	<b>\$0.0</b>	<b>\$15,101.0</b>
<b>Income Eligible Residential</b>							
Income Eligible Single Family	\$167.5	\$22.8	\$3,419.5	\$842.8	\$56.8		\$4,509.4
Income Eligible Multifamily	\$111.9	\$9.3	\$2,498.4	\$416.6	\$40.4		\$3,076.5
Income Eligible Performance Incentive						\$0.0	\$0.0
<b>Subtotal</b>	<b>\$279.4</b>	<b>\$32.1</b>	<b>\$5,917.8</b>	<b>\$1,259.4</b>	<b>\$97.2</b>	<b>\$0.0</b>	<b>\$7,585.9</b>
<b>Commercial &amp; Industrial</b>							
Large C&I New Construction	\$99.1	\$116.1	\$1,482.2	\$403.0	\$136.1		\$2,236.4
Large C&I Retrofit	\$205.9	\$174.3	\$2,300.4	\$1,666.0	\$130.0		\$4,476.5
Small Business Direct Install	\$17.6	\$20.3	\$639.6	\$56.2	\$23.5		\$757.3
C&I Multifamily	\$37.1	\$25.9	\$656.8	\$155.6	\$4.4		\$879.8
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 Workforce Development	\$0.0	\$0.0	\$0.0	\$32.1	\$0.0		\$32.1
Commercial & Industrial Performance Incentive						\$758.7	\$758.7
<b>Subtotal</b>	<b>\$362.6</b>	<b>\$336.5</b>	<b>\$5,079.0</b>	<b>\$2,313.7</b>	<b>\$294.1</b>	<b>\$758.7</b>	<b>\$9,144.5</b>
<b>Portfolio</b>							
EERMC	\$345.9	\$0.0	\$0.0	\$0.0	\$0.0		\$345.9
OER	\$642.8	\$0.0	\$0.0	\$0.0	\$0.0		\$642.8
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$1,262.5	\$0.0	\$0.0		\$1,262.5
<b>Subtotal</b>	<b>\$988.7</b>	<b>\$0.0</b>	<b>\$1,262.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$2,251.2</b>
<b>Grand Total</b>	<b>\$2,117.0</b>	<b>\$822.5</b>	<b>\$24,074.9</b>	<b>\$5,779.3</b>	<b>\$530.4</b>	<b>\$758.7</b>	<b>\$34,082.7</b>

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.
- (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)**

	<b>Proposed Budget From G-2</b>	<b>Commitments</b>	<b>Regulatory Costs</b>	<b>Performance Incentive</b>	<b>Eligible Sector PIM Budget for Performance Incentive on G-8B</b>	<b>Implementation Expenses for Cost- Effectiveness on G-5</b>
<b>Residential</b>						
Residential New Construction	\$579.9					\$579.9
Residential HVAC	\$1,516.1					\$1,516.1
EnergyWise Single Family	\$11,084.3					\$11,084.3
EnergyWise Multifamily	\$1,439.7					\$1,439.7
Home Energy Reports	\$354.9					\$354.9
Comprehensive Marketing - Residential	\$79.7					\$79.7
Community Based Initiatives - Residential	\$46.5					\$46.5
Residential Performance Incentive	\$0.0			\$0.0		
<b>Subtotal</b>	<b>\$15,101.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$15,083.7</b>	<b>\$15,101.0</b>
<b>Income Eligible Residential</b>						
Income Eligible Single Family	\$4,509.4					\$4,509.4
Income Eligible Multifamily	\$3,076.5					\$3,076.5
Income Eligible Performance Incentive	\$0.0			\$0.0		
<b>Subtotal</b>	<b>\$7,585.9</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$7,585.9</b>	<b>\$7,585.9</b>
<b>Commercial &amp; Industrial</b>						
Large C&I New Construction	\$2,236.4					\$2,236.4
Large C&I Retrofit	\$4,476.5					\$4,476.5
Small Business Direct Install	\$757.3					\$757.3
C&I Multifamily	\$879.8					\$879.8
C&I Financing	\$0.0					\$0.0
Community Based Initiatives - C&I	\$3.7					\$3.7
Commercial Workforce Development	\$32.1					\$32.1
Commercial & Industrial Performance Incentive	\$758.7			\$758.7		
<b>Subtotal</b>	<b>\$9,144.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$758.7</b>	<b>\$8,385.9</b>	<b>\$8,385.9</b>
<b>Portfolio</b>						
EERMC	\$345.9			\$345.9		\$345.9
OER	\$642.8			\$642.8		\$642.8
Rhode Island Infrastructure Bank	\$1,262.5			\$1,262.5		\$1,262.5
<b>Subtotal</b>	<b>\$2,251.2</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$2,251.2</b>	<b>\$345.9</b>	<b>\$2,251.2</b>
<b>Grand Total</b>	<b>\$34,082.7</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3,009.9</b>	<b>\$31,401.4</b>	<b>\$33,324.0</b>

Notes:

- (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)**

	<b>Proposed Implementation Budget 2024</b>	<b>Approved Implementation Budget 2023</b>	<b>Difference</b>
<b>Residential</b>			
Residential New Construction	\$579.9	\$621.5	-\$41.7
Residential HVAC	\$1,516.1	\$3,586.9	-\$2,070.8
EnergyWise Single Family	\$11,084.3	\$9,873.1	\$1,211.2
EnergyWise Multifamily	\$1,439.7	\$1,485.4	-\$45.7
Home Energy Reports	\$354.9	\$360.5	-\$5.6
Comprehensive Marketing - Residential	\$79.7	\$69.1	\$10.6
Community Based Initiatives - Residential	\$46.5	\$93.5	-\$47.0
<b>Subtotal</b>	<b>\$15,101.0</b>	<b>\$16,090.0</b>	<b>-\$989.0</b>
<b>Income Eligible Residential</b>			
Income Eligible Single Family	\$4,509.4	\$5,429.0	-\$919.6
Income Eligible Multifamily	\$3,076.5	\$3,215.4	-\$138.9
<b>Subtotal</b>	<b>\$7,585.9</b>	<b>\$8,644.4</b>	<b>-\$1,058.5</b>
<b>Commercial &amp; Industrial</b>			
Large C&I New Construction	\$2,236.4	\$2,818.7	-\$582.3
Large C&I Retrofit	\$4,476.5	\$4,639.6	-\$163.1
Small Business Direct Install	\$757.3	\$689.8	\$67.5
C&I Multifamily	\$879.8	\$891.2	-\$11.4
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
<b>Subtotal</b>	<b>\$8,385.9</b>	<b>\$9,150.4</b>	<b>-\$764.5</b>
<b>Portfolio</b>			
EERMC	\$345.9	\$396.9	-\$51.0
OER	\$642.8	\$595.3	\$47.5
Rhode Island Infrastructure Bank	\$1,262.5	\$1,262.5	\$0.0
<b>Subtotal</b>	<b>\$2,251.2</b>	<b>\$2,254.7</b>	<b>-\$3.5</b>
<b>Total Implementation Budget</b>	<b>\$33,324.0</b>	<b>\$36,139.5</b>	<b>-\$2,815.5</b>
<b>Other Expenses</b>			
Company Incentive	\$758.7	\$792.0	-\$33.3
<b>Subtotal</b>	<b>\$758.7</b>	<b>\$792.0</b>	<b>-\$33.3</b>
<b>Grand Total</b>	<b>\$34,082.7</b>	<b>\$36,931.5</b>	<b>-\$2,848.8</b>

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)**

	<b>RI Test Benefit / Cost</b>	<b>Total Benefit</b>	<b>Program Implementation Expenses</b>	<b>Participant Cost</b>	<b>Performance Incentive</b>	<b>\$ / Lifetime MMBtu</b>
<b>Residential</b>						
Residential New Construction	1.97	\$1,737.5	\$579.9	\$304.1		\$12.06
Residential HVAC	1.09	\$3,672.8	\$1,516.1	\$1,861.4		\$15.40
EnergyWise Single Family	1.09	\$13,232.6	\$11,084.3	\$1,053.0		\$19.78
EnergyWise Multifamily	3.76	\$5,626.1	\$1,439.7	\$57.6		\$14.36
Home Energy Reports	4.05	\$1,439.1	\$354.9	\$0.0		\$4.14
Comprehensive Marketing - Residential			\$79.7			
Community Based Initiatives - Residential			\$46.5			
<b>Subtotal</b>	<b>1.40</b>	<b>\$25,708.1</b>	<b>\$15,101.0</b>	<b>\$3,276.1</b>	<b>\$0.0</b>	<b>\$16.76</b>
<b>Income Eligible Residential</b>						
Income Eligible Single Family	1.71	\$7,729.2	\$4,509.4	\$0.0		\$37.17
Income Eligible Multifamily	3.34	\$10,264.9	\$3,076.5	\$0.0		\$18.52
<b>Subtotal</b>	<b>2.37</b>	<b>\$17,994.0</b>	<b>\$7,585.9</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$26.39</b>
<b>Commercial &amp; Industrial</b>						
Large C&I New Construction	5.53	\$13,400.6	\$2,236.4	\$188.0		\$3.69
Large C&I Retrofit	2.46	\$17,788.5	\$4,476.5	\$2,764.0		\$6.73
Small Business Direct Install	2.17	\$2,028.1	\$757.3	\$178.1		\$7.88
C&I Multifamily	5.62	\$6,936.9	\$879.8	\$354.8		\$18.82
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Workforce Development			\$32.1			
<b>Subtotal</b>	<b>3.18</b>	<b>\$40,154.1</b>	<b>\$8,385.9</b>	<b>\$3,485.0</b>	<b>\$758.7</b>	<b>\$6.19</b>
<b>Portfolio</b>						
EERMC			\$345.9			
OER			\$642.8			
Rhode Island Infrastructure Bank			\$1,262.5			
<b>Subtotal</b>			<b>\$2,251.2</b>			
<b>Grand Total</b>	<b>2.05</b>	<b>\$83,856.2</b>	<b>\$33,324.0</b>	<b>\$6,761.1</b>	<b>\$758.7</b>	<b>\$12.14</b>



**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
<b>Residential</b>						
Residential New Construction	1.97	\$1,737.5	\$579.9	\$304.1		\$12.06
Residential HVAC	1.09	\$3,675.7	\$1,516.1	\$1,861.4		\$15.40
EnergyWise Single Family	1.08	\$13,060.1	\$11,084.3	\$1,053.0		\$19.78
EnergyWise Multifamily	3.75	\$5,612.9	\$1,439.7	\$57.6		\$14.36
Home Energy Reports	4.05	\$1,439.1	\$354.9	\$0.0		\$4.14
Comprehensive Marketing - Residential			\$79.7			
Community Based Initiatives - Residential			\$46.5			
<b>Subtotal</b>	<b>1.39</b>	<b>\$25,525.2</b>	<b>\$15,101.0</b>	<b>\$3,276.1</b>	<b>\$0.0</b>	<b>\$16.76</b>
<b>Income Eligible Residential</b>						
Income Eligible Single Family	1.71	\$7,693.0	\$4,509.4	\$0.0		\$37.17
Income Eligible Multifamily	3.33	\$10,240.9	\$3,076.5	\$0.0		\$18.52
<b>Subtotal</b>	<b>2.36</b>	<b>\$17,934.0</b>	<b>\$7,585.9</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$26.39</b>
<b>Commercial &amp; Industrial</b>						
Large C&I New Construction	5.46	\$13,242.9	\$2,236.4	\$188.0		\$3.69
Large C&I Retrofit	2.46	\$17,788.5	\$4,476.5	\$2,764.0		\$6.73
Small Business Direct Install	2.17	\$2,028.1	\$757.3	\$178.1		\$7.88
C&I Multifamily	5.61	\$6,926.5	\$879.8	\$354.8		\$18.82
C&I Financing			\$0.0			
Community Based Initiatives - C&I			\$3.7			
Commercial Workforce Development			\$32.1			
<b>Subtotal</b>	<b>3.17</b>	<b>\$39,986.1</b>	<b>\$8,385.9</b>	<b>\$3,485.0</b>	<b>\$758.7</b>	<b>\$6.19</b>
<b>Portfolio</b>						
EERMC			\$345.9			
OER			\$642.8			
Rhode Island Infrastructure Bank			\$1,262.5			
<b>Subtotal</b>			<b>\$2,251.2</b>			
<b>Grand Total</b>	<b>2.04</b>	<b>\$83,445.3</b>	<b>\$33,324.0</b>	<b>\$6,761.1</b>	<b>\$758.7</b>	<b>\$12.14</b>

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)**

	<b>Program Implementation Expenses</b>	<b>RI Economic Multiplier</b>	<b>Economic Benefits</b>	<b>RI Job Years Multiplier</b>	<b>Job Years</b>
<b>Residential</b>					
Residential New Construction	\$579.9	1.19	\$690.0	2.4	1
Residential HVAC	\$1,516.1	1.06	\$1,607.1	6.9	10
EnergyWise Single Family	\$11,084.3	0.87	\$9,643.4	11.9	132
EnergyWise Multifamily	\$1,439.7	2.30	\$3,311.3	16.5	24
Home Energy Reports	\$354.9	2.77	\$983.1	7.5	3
Comprehensive Marketing - Residential	\$79.7				
Community Based Initiatives - Residential	\$46.5				
<b>Subtotal</b>	<b>\$15,101.0</b>		<b>\$16,234.8</b>		<b>170</b>
<b>Income Eligible Residential</b>					
Income Eligible Single Family	\$4,509.4	1.53	\$6,899.4	12.1	55
Income Eligible Multifamily	\$3,076.5	2.31	\$7,106.7	16.0	49
<b>Subtotal</b>	<b>\$7,585.9</b>		<b>\$14,006.2</b>		<b>104</b>
<b>Commercial &amp; Industrial</b>					
Large C&I New Construction	\$2,236.4	5.28	\$11,808.1	1.2	3
Large C&I Retrofit	\$4,476.5	1.92	\$8,594.9	16.4	73
Small Business Direct Install	\$757.3	2.50	\$1,893.4	13.4	10
C&I Multifamily	\$879.8	3.46	\$3,044.2	11.0	10
C&I Financing	\$0.0				
Community Based Initiatives - C&I	\$3.7				
Commercial Workforce Development	\$32.1				
<b>Subtotal</b>	<b>\$8,385.9</b>		<b>\$25,340.5</b>		<b>96</b>
<b>Portfolio</b>					
EERMC	\$345.9				
OER	\$642.8				
Rhode Island Infrastructure Bank	\$1,262.5				
<b>Subtotal</b>	<b>\$2,251.2</b>				
<b>Grand Total</b>	<b>\$33,324.0</b>		<b>\$55,581.5</b>		<b>370</b>

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

	Total	Total (Economic Excluded)	Natural Gas	Benefits (000s)																		
				Electric Energy						Electric Capacity			Non Gas / Electric			Societal						
				Summer		Winter		Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Transmission	Distribution	Reliability	Oil	Other Resource	Non Resource	Carbon	NOx	Economic			
Peak	Off Peak	Peak	Off Peak																			
<b>Residential</b>																						
Residential New Construction	\$2,789	\$1,737	\$691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$637	\$356	\$51	\$1,052		
Residential HVAC	\$7,253	\$3,673	\$1,976	-\$1	-\$1	-\$7	-\$5	-\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71	\$338	\$1,152	\$152	\$3,580		
EnergyWise Single Family	\$23,792	\$13,233	\$5,713	\$66	\$57	\$66	\$75	\$60	\$44	\$38	\$94	\$161	\$0	\$0	\$123	\$2,961	\$3,346	\$429	\$10,559			
EnergyWise Multifamily	\$9,070	\$5,626	\$966	\$5	\$4	\$1	\$0	\$2	\$4	\$4	\$9	\$15	\$0	\$0	\$40	\$3,971	\$533	\$72	\$3,444			
Home Energy Reports	\$2,422	\$1,439	\$710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69	\$60	\$983			
<b>Subtotal</b>	<b>\$45,326</b>	<b>\$25,708</b>	<b>\$10,056</b>	<b>\$69</b>	<b>\$60</b>	<b>\$60</b>	<b>\$70</b>	<b>\$58</b>	<b>\$49</b>	<b>\$42</b>	<b>\$103</b>	<b>\$176</b>	<b>\$0</b>	<b>\$0</b>	<b>\$237</b>	<b>\$7,907</b>	<b>\$6,054</b>	<b>\$765</b>	<b>\$19,618</b>			
<b>Income Eligible Residential</b>																						
Income Eligible Single Family	\$14,629	\$7,729	\$1,141	\$11	\$10	\$15	\$17	\$12	\$9	\$8	\$20	\$34	\$0	\$0	\$0	\$5,721	\$647	\$85	\$6,899			
Income Eligible Multifamily	\$17,372	\$10,265	\$1,550	\$9	\$7	\$1	\$1	\$4	\$8	\$7	\$16	\$28	\$0	\$0	\$23	\$7,514	\$927	\$116	\$7,107			
<b>Subtotal</b>	<b>\$32,000</b>	<b>\$17,994</b>	<b>\$2,691</b>	<b>\$19</b>	<b>\$17</b>	<b>\$16</b>	<b>\$18</b>	<b>\$16</b>	<b>\$17</b>	<b>\$15</b>	<b>\$36</b>	<b>\$62</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23</b>	<b>\$13,235</b>	<b>\$1,628</b>	<b>\$201</b>	<b>\$14,006</b>			
<b>Commercial &amp; Industrial</b>																						
Large C&I New Construction	\$26,201	\$13,401	\$5,247	\$0	\$0	\$0	\$0	\$0	\$53	\$61	\$115	\$197	\$1	\$0	\$95	\$3,133	\$4,013	\$486	\$12,801			
Large C&I Retrofit	\$31,690	\$17,788	\$9,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$958	\$6,996	\$800	\$13,802			
Small Business Direct Install	\$4,367	\$2,028	\$980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154	\$75	\$730	\$88	\$2,339			
C&I Multifamily	\$11,209	\$6,937	\$576	\$4	\$3	\$1	\$0	\$2	\$3	\$3	\$7	\$12	\$0	\$0	\$2	\$5,881	\$394	\$49	\$4,272			
<b>Subtotal</b>	<b>\$74,467</b>	<b>\$40,154</b>	<b>\$15,838</b>	<b>\$4</b>	<b>\$3</b>	<b>\$1</b>	<b>\$0</b>	<b>\$2</b>	<b>\$56</b>	<b>\$64</b>	<b>\$122</b>	<b>\$209</b>	<b>\$1</b>	<b>\$0</b>	<b>\$252</b>	<b>\$10,047</b>	<b>\$12,133</b>	<b>\$1,423</b>	<b>\$33,313</b>			
<b>Grand Total</b>	<b>\$150,794</b>	<b>\$83,856</b>	<b>\$28,585</b>	<b>\$93</b>	<b>\$80</b>	<b>\$77</b>	<b>\$89</b>	<b>\$76</b>	<b>\$122</b>	<b>\$121</b>	<b>\$261</b>	<b>\$446</b>	<b>\$1</b>	<b>\$0</b>	<b>\$512</b>	<b>\$31,189</b>	<b>\$19,816</b>	<b>\$2,389</b>	<b>\$66,938</b>			

**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	
<b>Residential</b>												
Residential New Construction	3,239	73,327	217	0	0	0	0	0	3,239	73,327	217	
Residential HVAC	11,329	219,298	844	-8	-167	-28	-569	-4	11,301	218,729	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	
<b>Subtotal</b>	<b>137,163</b>	<b>1,096,171</b>	<b>8,643</b>	<b>173</b>	<b>3,401</b>	<b>589</b>	<b>11,606</b>	<b>84</b>	<b>137,752</b>	<b>1,107,777</b>	<b>8,727</b>	
<b>Income Eligible Residential</b>												
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	
<b>Subtotal</b>	<b>16,367</b>	<b>287,482</b>	<b>957</b>	<b>50</b>	<b>984</b>	<b>170</b>	<b>3,356</b>	<b>20</b>	<b>16,537</b>	<b>290,839</b>	<b>977</b>	
<b>Commercial &amp; Industrial</b>												
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	4,205	65,609	270	6	111	20	378	4	4,225	65,987	275	
<b>Subtotal</b>	<b>159,317</b>	<b>1,916,991</b>	<b>10,999</b>	<b>6</b>	<b>111</b>	<b>20</b>	<b>378</b>	<b>4</b>	<b>159,337</b>	<b>1,917,369</b>	<b>11,003</b>	
<b>Grand Total</b>	<b>312,846</b>	<b>3,300,644</b>	<b>20,599</b>	<b>229</b>	<b>4,496</b>	<b>780</b>	<b>15,340</b>	<b>108</b>	<b>313,626</b>	<b>3,315,984</b>	<b>20,707</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 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

	Benefits (000s)																				
	Total	Total (Economic Excluded)	Natural Gas	Electric Energy					Electric Capacity			Non Gas / Electric			Societal						
				Summer Peak	Off Peak	Winter Peak	Off Peak	Electric Energy DRIPE	Summer Generation	Capacity DRIPE	Transmission	Distribution	Reliability	Oil	Other Resource	Non Resource	Carbon	NOx	Economic		
<b>Residential</b>																					
Residential New Construction	\$2,789	\$1,737	\$691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$637	\$356	\$51	\$1,052
Residential HVAC	\$7,256	\$3,676	\$1,976	-\$1	-\$1	-\$7	-\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71	\$338	\$1,152	\$152	\$3,580
EnergyWise Single Family	\$23,620	\$13,060	\$5,713	\$66	\$57	\$66	\$75	\$5	\$44	\$3	\$11	\$161	\$0	\$0	\$0	\$123	\$2,961	\$3,346	\$429	\$10,559	
EnergyWise Multifamily	\$9,057	\$5,613	\$966	\$5	\$4	\$1	\$0	\$0	\$4	\$0	\$1	\$15	\$0	\$0	\$0	\$40	\$3,971	\$533	\$72	\$3,444	
Home Energy Reports	\$2,422	\$1,439	\$710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69	\$60	\$983
<b>Subtotal</b>	<b>\$45,144</b>	<b>\$25,525</b>	<b>\$10,056</b>	<b>\$69</b>	<b>\$60</b>	<b>\$60</b>	<b>\$70</b>	<b>\$5</b>	<b>\$49</b>	<b>\$3</b>	<b>\$12</b>	<b>\$176</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$237</b>	<b>\$7,907</b>	<b>\$6,054</b>	<b>\$765</b>	<b>\$19,618</b>	
<b>Income Eligible Residential</b>																					
Income Eligible Single Family	\$14,592	\$7,693	\$1,141	\$11	\$10	\$15	\$17	\$1	\$9	\$1	\$2	\$34	\$0	\$0	\$0	\$0	\$5,721	\$647	\$85	\$6,899	
Income Eligible Multifamily	\$17,348	\$10,241	\$1,550	\$9	\$7	\$1	\$1	\$0	\$8	\$1	\$2	\$28	\$0	\$0	\$0	\$23	\$7,514	\$927	\$116	\$7,107	
<b>Subtotal</b>	<b>\$31,940</b>	<b>\$17,934</b>	<b>\$2,691</b>	<b>\$19</b>	<b>\$17</b>	<b>\$16</b>	<b>\$18</b>	<b>\$1</b>	<b>\$17</b>	<b>\$1</b>	<b>\$4</b>	<b>\$62</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23</b>	<b>\$13,235</b>	<b>\$1,628</b>	<b>\$201</b>	<b>\$14,006</b>	
<b>Commercial &amp; Industrial</b>																					
Large C&I New Construction	\$26,044	\$13,243	\$5,247	\$0	\$0	\$0	\$0	\$0	\$53	\$5	\$13	\$197	\$1	\$0	\$95	\$3,133	\$4,013	\$486	\$12,801		
Large C&I Retrofit	\$31,690	\$17,788	\$9,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$958	\$6,996	\$800	\$13,802		
Small Business Direct Install	\$4,367	\$2,028	\$980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154	\$75	\$730	\$88	\$2,339		
C&I Multifamily	\$11,198	\$6,927	\$576	\$4	\$3	\$1	\$0	\$0	\$3	\$0	\$1	\$12	\$0	\$0	\$2	\$5,881	\$394	\$49	\$4,272		
<b>Subtotal</b>	<b>\$72,299</b>	<b>\$39,986</b>	<b>\$15,838</b>	<b>\$4</b>	<b>\$3</b>	<b>\$1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$56</b>	<b>\$5</b>	<b>\$14</b>	<b>\$209</b>	<b>\$1</b>	<b>\$0</b>	<b>\$252</b>	<b>\$10,047</b>	<b>\$12,133</b>	<b>\$1,423</b>	<b>\$33,313</b>		
<b>Grand Total</b>	<b>\$150,383</b>	<b>\$83,445</b>	<b>\$28,585</b>	<b>\$93</b>	<b>\$80</b>	<b>\$77</b>	<b>\$89</b>	<b>\$7</b>	<b>\$122</b>	<b>\$9</b>	<b>\$30</b>	<b>\$446</b>	<b>\$1</b>	<b>\$0</b>	<b>\$512</b>	<b>\$31,189</b>	<b>\$19,816</b>	<b>\$2,389</b>	<b>\$66,938</b>		

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 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)
<b>Residential</b>							
Residential New Construction	73,327	3,239	466	58,476	3,287	14,851	-49
Residential HVAC	219,298	11,329	2,943	517,571	27,030	-298,273	-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
<b>Subtotal</b>	<b>1,096,171</b>	<b>137,163</b>	<b>140,993</b>	<b>1,268,128</b>	<b>148,013</b>	<b>-171,957</b>	<b>-10,850</b>
<b>Income Eligible Residential</b>							
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
<b>Subtotal</b>	<b>287,482</b>	<b>16,367</b>	<b>3,587</b>	<b>341,644</b>	<b>19,305</b>	<b>-54,162</b>	<b>-2,939</b>
<b>Commercial &amp; Industrial</b>							
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
<b>Subtotal</b>	<b>1,916,991</b>	<b>159,317</b>	<b>765</b>	<b>1,928,063</b>	<b>157,561</b>	<b>-11,072</b>	<b>1,756</b>
<b>Grand Total</b>	<b>3,300,644</b>	<b>312,846</b>	<b>145,345</b>	<b>3,537,835</b>	<b>324,879</b>	<b>-237,192</b>	<b>-12,033</b>

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

	Natural Gas	Utility NEIs	Electric Energy										Non Electric			Societal				
			Summer				Winter		Electric Energy DRPE	Summer Generation	Capacity DRPE	Electric Capacity			Oil	Non Resource	Carbon	NOx	Economic	
			Peak	Off Peak	Peak	Off Peak	Transmission	Distribution				Reliability								
<b>Residential</b>																				
Residential New Construction	\$691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$637	\$356	\$51	\$1,052
Residential HVAC	\$1,976	\$0	-\$1	-\$1	-\$7	-\$5	-\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71	\$338	\$1,152	\$152	\$3,580	
EnergyWise Single Family	\$5,713	\$0	\$66	\$57	\$66	\$75	\$60	\$44	\$38	\$94	\$161	\$0	\$0	\$123	\$2,961	\$3,346	\$429	\$10,559		
EnergyWise Multifamily	\$966	\$0	\$5	\$4	\$1	\$0	\$2	\$4	\$4	\$9	\$15	\$0	\$0	\$40	\$3,971	\$533	\$72	\$3,444		
Home Energy Reports	\$710	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$669	\$60	\$983	
<b>Subtotal</b>	<b>\$10,056</b>	<b>\$0</b>	<b>\$69</b>	<b>\$60</b>	<b>\$60</b>	<b>\$70</b>	<b>\$58</b>	<b>\$49</b>	<b>\$42</b>	<b>\$103</b>	<b>\$176</b>	<b>\$0</b>	<b>\$0</b>	<b>\$237</b>	<b>\$7,907</b>	<b>\$6,054</b>	<b>\$765</b>	<b>\$19,618</b>		
<b>Income Eligible Residential</b>																				
Income Eligible Single Family	\$1,141	\$43	\$11	\$10	\$15	\$17	\$12	\$9	\$8	\$20	\$34	\$0	\$0	\$0	\$5,721	\$647	\$85	\$6,899		
Income Eligible Multifamily	\$1,550	\$0	\$9	\$7	\$1	\$1	\$4	\$8	\$7	\$16	\$28	\$0	\$0	\$23	\$7,514	\$982	\$116	\$7,107		
<b>Subtotal</b>	<b>\$2,691</b>	<b>\$43</b>	<b>\$19</b>	<b>\$17</b>	<b>\$16</b>	<b>\$18</b>	<b>\$16</b>	<b>\$17</b>	<b>\$15</b>	<b>\$36</b>	<b>\$62</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23</b>	<b>\$13,235</b>	<b>\$1,628</b>	<b>\$201</b>	<b>\$14,006</b>		
<b>Commercial &amp; Industrial</b>																				
Large C&I New Construction	\$5,247	\$0	\$0	\$0	\$0	\$0	\$0	\$53	\$61	\$115	\$197	\$1	\$0	\$95	\$3,133	\$4,013	\$486	\$12,801		
Large C&I Retrofit	\$9,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$958	\$6,996	\$800	\$13,902		
Small Business Direct Install	\$980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154	\$75	\$730	\$88	\$2,339		
C&I Multifamily	\$576	\$0	\$4	\$3	\$1	\$0	\$2	\$3	\$3	\$7	\$12	\$0	\$0	\$2	\$5,881	\$394	\$49	\$4,272		
<b>Subtotal</b>	<b>\$15,838</b>	<b>\$0</b>	<b>\$4</b>	<b>\$3</b>	<b>\$1</b>	<b>\$0</b>	<b>\$2</b>	<b>\$56</b>	<b>\$64</b>	<b>\$122</b>	<b>\$209</b>	<b>\$1</b>	<b>\$0</b>	<b>\$252</b>	<b>\$10,047</b>	<b>\$12,133</b>	<b>\$1,423</b>	<b>\$33,313</b>		
<b>Grand Total</b>	<b>\$28,585</b>	<b>\$43</b>	<b>\$93</b>	<b>\$80</b>	<b>\$77</b>	<b>\$89</b>	<b>\$76</b>	<b>\$122</b>	<b>\$121</b>	<b>\$261</b>	<b>\$446</b>	<b>\$1</b>	<b>\$0</b>	<b>\$512</b>	<b>\$31,189</b>	<b>\$19,816</b>	<b>\$2,389</b>	<b>\$66,938</b>		
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%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	0%	0%	0%	0%		

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

	Eligible PIM Budget	Regulatory Costs	Total PIM-Eligible Costs
Residential	\$15,084	\$115	\$15,199
Income Eligible Residential	\$7,586	\$115	\$7,701
Commercial & Industrial	\$8,386	\$115	\$8,501

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 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	35% Resource Benefits							
Residential	\$10,056	\$324	\$15,199	-\$4,819	\$2,000	25.0%	\$500	\$625	TRUE
Income Eligible Residential	\$2,734	\$84	\$7,701	-\$4,883	\$2,000	25.0%	\$500	\$625	TRUE
Commercial & Industrial	\$15,838	\$249	\$8,501	\$7,587	\$7,587	10.0%	\$759	\$948	FALSE

	Service Quality Adjustment (SQA)				
	Eligible Benefits		Eligible Costs	Design Service Achievement	Maximum SQA
	100% Utility System Benefits	35% Resource Benefits			
Residential	\$10,056	\$324	\$15,199	\$10,380	\$303
Income Eligible Residential	\$2,734	\$84	\$7,701	\$2,818	\$109
Commercial & Industrial	\$15,838	\$249	\$8,501	\$16,088	\$0

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

	<b>Large C&amp;I Revolving Loan Fund</b>
<b>(1) Total Loan Fund Deposits Through Previous Year</b>	<b>\$3,590,440</b>
(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
<b>(5) Projected Year End Loan Fund Balance from Previous Year</b>	<b>\$2,543,641</b>
(6) 2024 Fund Injection	\$0
<b>(7) Projected Loan Fund Balance Beginning of Year</b>	<b>\$2,543,641</b>
(8) Projected Repayments Throughout 2024	\$910,247
(9) Estimated Loans in 2024	\$297,000
<b>(10) Projected Year End Loan Fund Balance 2024</b>	<b>\$3,750,888</b>

Notes:

- (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	\$36.9	\$34.1
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	\$33.8	\$31.4	\$31.4
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%	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	\$758,652	
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	\$0.0998	
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	\$0.0680	
Annual Cost to \$46 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	\$84.43	
Annual Cost to \$46 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	\$87.04	

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