

October 13, 2022

VIA ELECTRONIC MAIL

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

**RE: Docket No. 22-33-EE – 2023 Annual Energy Efficiency Plan
Corrections to Gas Performance Incentive Earnings Opportunity and
Benefits for Home Energy Reports**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed, please find a Corrected Attachment 6: 2023 Gas Energy Efficiency Program Tables, which is an attachment to the Company’s 2023 Annual Energy Efficiency and Conservation Procurement Program Plan (“Annual Plan” or “Plan”), and a document referred to as an “Index of Corrections”, which lists changes to the Plan stemming from two corrections.

The two corrections are explained below.

Correction 1 - Gas Performance Incentive Earnings Opportunity

Through the Annual Plan, the Company is proposing to exclude Office of Energy Resources (“OER”) and Rhode Island Infrastructure Bank (“RIIB”) costs from the calculation of Performance Incentive Mechanism (“PIM”)-eligible benefits. Because this treatment of RIIB and OER costs is a proposal, the Company set up the Benefit Cost (“BC”) Model with a toggle to include or exclude the costs. The Company set the toggle in the electric BC model to exclude the OER and RIIB costs as described in the Plan, but inadvertently did not set the toggle in the gas model consistent with the proposal. Because of the incorrect toggle for the gas portfolio, the PIM benefits and PIM earnings opportunity are understated. The PIM earnings opportunity would be \$73,280 higher if the OER and RIIB costs are excluded from the calculation of net benefits.

Correction 2 - Benefits for Home Energy Reports

The Energy Efficiency Resource Management Council (“EERMC”) consultants pointed out that benefits are being overvalued for the Home Energy Reports (“HERs”) program within the non-income eligible residential sector given a residential window non-energy impact (“NEI”) making its way into two of the HERs measures. Removing these NEIs results in \$933k in reduced benefits for this program. The Benefit Cost Ratios (“BCRs”) remain above 1.0 with the removal of these benefits. There is no impact on the PIM.

Luly E. Massaro, Commission Clerk
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Thank you for your attention to this filing. If you have any questions, please contact me at 401-784-4263.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew S. Marcaccio".

Andrew S. Marcaccio

Enclosures

cc: Docket No. 22-33-EE Service List

Table G-1
Rhode Island Energy
Gas DSM Funding Sources in 2023 by Sector
\$(000)

	<u>Projections by Sector</u>			Total
	Income Eligible Residential	Non-Income Eligible Residential	Commercial & Industrial	
(1) Projected Budget (from G-2):	\$8,756.5	\$17,212.5	\$10,979.9	\$36,948.842
Sources of Other Funding:				
(2) Projected Year-End 2022 Fund Balance and Interest:	\$0.0	(\$4,057)	\$5,804.7	\$1,747.9
(3) Total Other Funding:	\$0.0	(\$4,056.8)	\$5,804.7	\$1,747.9
(4) Customer Funding Required:	\$8,756.5	\$21,269.3	\$5,175.2	\$35,200.9
(5) Forecasted Firm Dth Volume	1,751,260	18,641,723	19,659,477	40,052,460
(6) Forecasted Non Firm Dth Volume			237,451	237,451
(7) Less: Exempt DG Customers			(1,562,431)	(1,562,431)
(8) Forecasted Dth Volume:	1,751,260	18,641,723	18,334,497	38,727,480
Average Energy Efficiency Program Charge per Dth				
(9) excluding Uncollectible Recovery:				\$0.908
(10) Proposed Energy Efficiency Program Charge per Dth excluding Uncollectible Recovery	\$1.150	\$1.150	\$0.640	
(11) Currently Effective Uncollectible Rate	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>	
(12) Proposed Energy Efficiency Program Charge per Dth, including Uncollectible Recovery:	\$1.172	\$1.172	\$0.6520	
(13) Currently Effective Energy Efficiency Program Charge per Dth	\$1.354	\$1.354	\$0.8860	
(14) Adjustment to Reflect Fully Reconciling Funding Mechanism	(\$0.182)	(\$0.182)	(\$0.234)	

Notes

(1) Projected Budget from G-2 includes OER and EERMC costs allocated to each sector based on forecasted volume.

(2) Fund Balance projections include projected revenue and spend through year-end with Residential and C&I sector subsidies applied to Income Eligible as detailed in the 2023 EE Plan Table G-1. The fund balance includes a \$562,736 credit from shareholder funds to the fund balance, with interest, which the Company made in May and June, 2022 based on the Company's involvement in Docket 22-05-EE.

(10) The proposed EE program charges allow for the use of collections from one sector to fund energy efficiency services in other sectors that would otherwise not be supported with the proposed collection rates.

(11) Uncollectible rate approved in Docket No. 4770.

(13) This is an 11 month rate that went into effect February 1, 2022.

Table G-2
Rhode Island Energy
2023 Gas 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
Non-Income Eligible Residential:							
ENERGY STAR [®] HVAC	\$130.8	\$207.0	\$2,972.0	\$254.2	\$29.1	\$0.0	\$3,593.1
EnergyWise	\$297.3	\$62.4	\$8,021.6	\$1,388.0	\$175.8	\$0.0	\$9,945.1
EnergyWise Multifamily	\$73.7	\$50.8	\$1,167.3	\$180.6	\$15.5	\$0.0	\$1,487.8
Home Energy Reports	\$8.8	\$0.0	\$0.0	\$349.3	\$2.4	\$0.0	\$360.5
Residential Pilots	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Residential New Construction	\$56.0	\$2.1	\$358.5	\$166.5	\$39.2	\$0.0	\$622.3
Comprehensive Marketing - Residential	\$0.1	\$69.0	\$0.0	\$0.0	\$0.0	\$0.0	\$69.1
Community Based Initiatives - Residential	\$12.3	\$45.8	\$35.3	\$0.0	\$0.0	\$0.0	\$93.5
Residential Workforce Development	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Residential Performance Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Subtotal - Non-Income Eligible Residential	\$579.0	\$437.2	\$12,554.6	\$2,338.6	\$261.9	\$0.0	\$16,171.4
Income Eligible Residential:							
Single Family - Income Eligible Services	\$201.8	\$22.0	\$4,164.3	\$1,015.4	\$34.1	\$0.0	\$5,437.7
Income Eligible Multifamily	\$120.0	\$8.6	\$2,653.7	\$410.7	\$28.0	\$0.0	\$3,221.0
Income Eligible Workforce Development	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Income Eligible Performance Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Subtotal - Income Eligible Residential	\$321.8	\$30.7	\$6,818.0	\$1,426.1	\$62.0	\$0.0	\$8,658.6
Commercial & Industrial							
Large Commercial New Construction	\$104.0	\$104.7	\$1,524.9	\$863.2	\$225.0	\$0.0	\$2,821.8
Large Commercial Retrofit	\$227.9	\$172.8	\$2,272.5	\$1,761.7	\$209.2	\$0.0	\$4,644.1
Small Business Direct Install	\$14.3	\$16.2	\$598.6	\$59.6	\$2.4	\$0.0	\$691.1
Commercial & Industrial Multifamily	\$38.4	\$25.4	\$659.7	\$161.6	\$7.6	\$0.0	\$892.6
Commercial Pilots	\$2.4	\$0.0	\$0.0	\$10.0	\$0.0	\$0.0	\$12.4
Finance Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Community Based Initiatives - C&I	\$4.1	\$15.3	\$11.8	\$0.0	\$0.0	\$0.0	\$31.2
Commercial Workforce Development	\$0.0	\$0.0	\$0.0	\$67.5	\$0.0	\$0.0	\$67.5
Commercial & Industrial Performance Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$795.2	\$795.2
Subtotal - Commercial & Industrial	\$391.1	\$334.3	\$5,067.4	\$2,923.6	\$444.3	\$795.2	\$9,955.9
Regulatory							
EERMC	\$283.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$283.4
OER	\$616.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$616.9
Rhode Island Infrastructure Bank	\$0.0	\$0.0	\$1,262.5	\$0.0	\$0.0	\$0.0	\$1,262.5
Subtotal - Regulatory	\$900.4	\$0.0	\$1,262.5	\$0.0	\$0.0	\$0.0	\$2,162.9
Grand Total	\$2,192.4	\$802.1	\$25,702.6	\$6,688.3	\$768.2	\$795.2	\$36,948.8

Notes:

- (1) OER budget is equal to the SBC collections after zeroing out EERMC and OER budgets times 3% times 60%. EERMC budget was approved by the EERMC on July 28th, 2022 for a total between gas and electric of \$1,133,775. 25% of that total has been allocated to the gas budget, in accordance with the proportions of the gas and electric budget. This will be updated in the final draft.
- (2) Demonstrations and Assessments are included in specific program level budgets listed above. More information on Demonstration and Assessments descriptions, budgets, and which program level budget they are included in can be found in Attachment 8.
- (3) Based on the state's System Reliability and Least Cost procurement statute (amended in 2021), funds transferred to the Rhode Island Infrastructure Bank are now classified under Regulatory costs.

Table G-3
Rhode Island Energy
Derivation of the 2023 Eligible PIM & Implementation Budgets (\$000)

	Proposed 2023 Budget From G-2 (\$000)	Outside Finance and Stakeholder Oversight Costs (\$000)	Performance Incentive (\$000)	Eligible Sector PIM Budget for Performance Incentive on G-8 (\$000) ¹	Implementation Expenses for Cost-Effectiveness on G-5 (\$000) ²
Non-Income Eligible Residential					
ENERGY STAR® HVAC	\$3,593.1				\$3,593.1
EnergyWise	\$9,945.1				\$9,945.1
EnergyWise Multifamily	\$1,487.8				\$1,487.8
Home Energy Reports	\$360.5				\$360.5
Residential Pilots	\$0.0				\$0.0
Residential New Construction	\$622.3				\$622.3
Comprehensive Marketing - Residential	\$69.1				\$69.1
Community Based Initiatives - Residential	\$93.5				\$93.5
Residential Workforce Development	\$0.0				\$0.0
Residential Performance Incentive	\$0.0		\$0.0		\$0.0
Subtotal - Non-Income Eligible Residential	\$16,171.4	\$0.0	\$0.0	\$16,171.4	\$16,171.4
Income Eligible Residential					
Single Family - Income Eligible Services	\$5,437.7				\$5,437.7
Income Eligible Multifamily	\$3,221.0				\$3,221.0
Income Eligible Workforce Development	\$0.0				\$0.0
Income Eligible Performance Incentive	\$0.0		\$0.0		\$0.0
Subtotal - Income Eligible Residential	\$8,658.6	\$0.0	\$0.0	\$8,658.6	\$8,658.6
Commercial & Industrial					
Large Commercial New Construction	\$2,821.8				\$2,821.8
Large Commercial Retrofit	\$4,644.1				\$4,644.1
Small Business Direct Install	\$691.1				\$691.1
Commercial & Industrial Multifamily	\$892.6				\$892.6
Commercial Pilots	\$12.4				\$12.4
Finance Costs	\$0.0				\$0.0
Community Based Initiatives - C&I	\$31.2				\$31.2
Commercial Workforce Development	\$67.5				\$67.5
Commercial & Industrial Performance Incentive	\$795.2		\$795.2		\$0.0
Subtotal - Commercial & Industrial	\$9,955.9	\$0.0	\$795.2	\$9,095.9	\$9,160.7
Regulatory					
EERMC	\$283.4	\$283.4			\$283.4
OER	\$616.9	\$616.9			\$616.9
Rhode Island Infrastructure Bank	\$1,262.5	\$1,262.5			\$1,262.5
Subtotal - Regulatory	\$2,162.9	\$2,162.9			\$2,162.9
Grand Total	\$36,948.8	\$2,162.9	\$795.2	\$33,925.9	\$36,153.6

Notes:

- (1) Eligible Sector Spending Budget for Performance Incentive = Budget from G-2 minus Regulatory Costs, Pilots, Assessments, and Performance Incentive.
- (2) Implementation Expenses = Budget from G-2 minus Performance Incentive.
- (3) Eligible Sector Spending Budget does not include assessments, see Attachment 8 for assessments budgets.

Table G-4
Rhode Island Energy
Proposed 2023 Budget Compared to Approved 2022 Budget (\$000)

	Proposed Implementation Budget 2023	Approved Implementation Budget 2022	Difference
Non-Income Eligible Residential			
ENERGY STAR® HVAC	\$3,593.1	\$3,650.5	-\$57.4
EnergyWise	\$9,945.1	\$8,575.0	\$1,370.1
EnergyWise Multifamily	\$1,487.8	\$1,488.6	-\$0.8
Home Energy Reports	\$360.5	\$441.5	-\$81.0
Residential Pilots	\$0.0	\$0.0	\$0.0
Residential New Construction	\$622.3	\$566.4	\$55.9
Comprehensive Marketing - Residential	\$69.1	\$68.0	\$1.1
Community Based Initiatives - Residential	\$93.5	\$85.0	\$8.5
Residential Performance Incentive	\$0.0	\$0.0	\$0.0
Subtotal - Non-Income Eligible Residential	\$16,171.4	\$14,875.0	\$1,296.3
Income Eligible Residential			
Single Family - Income Eligible Services	\$5,437.7	\$6,370.0	-\$932.4
Income Eligible Multifamily	\$3,221.0	\$2,947.5	\$273.4
Income Eligible Performance Incentive	\$0.0	\$0.0	\$0.0
Subtotal - Income Eligible Residential	\$8,658.6	\$9,317.6	-\$658.9
Commercial & Industrial			
Large Commercial New Construction	\$2,821.8	\$3,140.9	-\$319.1
Large Commercial Retrofit	\$4,644.1	\$4,672.1	-\$28.0
Small Business Direct Install	\$691.1	\$354.1	\$337.0
Commercial & Industrial Multifamily	\$892.6	\$957.0	-\$64.4
Commercial Pilots	\$12.4	\$215.8	-\$203.4
Finance Costs	\$0.0	\$0.0	\$0.0
Community Based Initiatives - C&I	\$31.2	\$28.3	\$2.8
Commercial Workforce Development	\$67.5	\$67.5	\$0.0
Commercial & Industrial Performance Incentive	\$795.2	\$1,000.0	-\$204.8
Subtotal Commercial & Industrial	\$9,955.9	\$10,435.7	-\$479.7
Regulatory			
EERMC	\$283.4	\$259.5	\$23.9
OER	\$616.9	\$755.6	-\$138.7
Rhode Island Infrastructure Bank	\$1,262.5	\$1,262.5	\$0.0
Subtotal Regulatory	\$2,162.9	\$2,277.6	-\$114.8
TOTAL BUDGET	\$36,948.8	\$36,906.0	\$42.9

Notes:

- (1) Program Implementation Budget excludes Commitments, Company Incentive; derived on Table G-3
- (2) Total Budget includes Implementation, Commitments; illustrated on Table G-3
- (3) Performance Incentive is allocated to the C&I Sector Consistent with the final PIM approved in Docket 5076.

**Table G-5 - Primary
Rhode Island Energy
Calculation of 2023 Program Year Cost-Effectiveness
All Dollar Values in (\$000)**

	Rhode Island Benefit/ Cost ¹	Total Benefit	Program Implementation Expenses ²	Customer Contribution	Performance Incentive	\$/Lifetime MMBtu
Non-Income Eligible Residential						
Energy Star® HVAC	1.90	\$13,926.9	\$3,593.1	\$3,718.7		\$14.13
EnergyWise	1.97	\$21,271.4	\$9,945.1	\$872.1		\$22.08
EnergyWise MultiFamily	5.29	\$7,082.2	\$1,487.8	-\$150.1		\$12.11
Home Energy Reports	8.04	\$2,899.2	\$360.5	\$0.0		\$3.93
Residential New Construction	1.81	\$1,673.4	\$622.3	\$301.1		\$15.79
Comprehensive Marketing - Residential			\$69.1			
Community Based Initiatives - Residential			\$93.5			
Residential Pilots			\$0.0			
Non-Income Eligible Residential Subtotal	2.24	\$46,853.1	\$16,171.4	\$4,741.8	\$0.0	\$16.49
Income Eligible Residential						
Single Family - Income Eligible Services	2.30	\$12,525.1	\$5,437.7	\$0.0		\$32.14
Income Eligible Multifamily	3.26	\$10,502.3	\$3,221.0	\$0.0		\$18.68
Income Eligible Residential Subtotal	2.66	\$23,027.4	\$8,658.6	\$0.0	\$0.0	\$25.34
Large Commercial & Industrial						
Large Commercial New Construction	7.94	\$22,873.2	\$2,821.8	\$60.5		\$4.02
Large Commercial Retrofit	4.07	\$29,222.6	\$4,644.1	\$2,537.2		\$7.06
Small Business Direct Install	4.32	\$3,707.1	\$691.1	\$166.3		\$6.59
Commercial & Industrial Multifamily	5.16	\$6,208.7	\$892.6	\$309.9		\$18.60
Commercial Pilots			\$12.4			
Community Based Initiatives - C&I			\$31.2			
Finance Costs			\$0.0			
Commercial Workforce Development			\$67.5			
Commercial & Industrial Subtotal	4.76	\$62,011.6	\$9,160.7	\$3,073.9	\$795.2	\$6.35
Regulatory						
EERMC			\$283.4			
OER			\$616.9			
Rhode Island Infrastructure Bank			\$1,262.5			
Regulatory Subtotal			\$2,162.9			
Grand Total	2.95	\$131,892.0	\$36,154	\$7,815.7	\$795.2	\$12.43

Notes:

- (1) RI Test B/C Test = Total Benefits from Table G-6 excluding Economic Benefits / Program Implementation Expenses from Table G-3 and Customer Contribution. Also includes effects of free-ridership and spillover.
- (2) For Implementation Expenses derivation, see Table G-3.

Table G-5 - Economic Benefits
Rhode Island Energy
Calculation of 2023 Economic Benefits and Job Years
All Dollar Values in (\$000)

	Program Implementation Expenses¹	RI Economic Multiplier (GDP/\$ Program Impl.)	Economic Benefits	RI Job Years Multiplier (Job Years/\$M Program Impl.)	Job Years
Non-Income Eligible Residential					
Energy Star® HVAC	\$3,593	\$0.97	\$3,485.3	6.9	25
EnergyWise	\$9,945	\$1.08	\$10,740.7	11.9	118
EnergyWise MultiFamily	\$1,488	\$1.70	\$2,529.3	16.5	25
Home Energy Reports	\$361	\$1.12	\$403.8	7.5	3
Residential New Construction	\$622	\$0.34	\$211.6	2.4	1
Comprehensive Marketing - Residential	\$69		\$0.0		
Community Based Initiatives - Residential	\$93		\$0.0		
Residential Pilots	\$0		\$0.0		
Non-Income Eligible Residential SUBTOTAL	\$16,171		\$17,370.7		172
Income Eligible Residential					
Single Family - Income Eligible Services	\$5,438	\$1.05	\$5,709.6	12.1	66
Income Eligible Multifamily	\$3,221	\$1.62	\$5,218.0	16.0	52
Income Eligible Residential SUBTOTAL	\$8,659		\$10,927.5		117
Commercial & Industrial					
Large Commercial New Construction	\$2,822	\$0.74	\$2,088.2	1.2	3
Large Commercial Retrofit	\$4,644	\$2.10	\$9,752.6	16.4	76
Small Business Direct Install	\$691	\$1.39	\$960.6	13.4	9
Commercial & Industrial Multifamily	\$893	\$1.55	\$1,383.6	11.0	10
Commercial Pilots	\$12		\$0.0		
Community Based Initiatives - C&I	\$31		\$0.0		
Finance Costs	\$0		\$0.0		
Commercial Workforce Development	\$68		\$0.0		
C&I SUBTOTAL	\$9,161		\$14,184.9		99
Regulatory					
OER	\$617		\$0.0		-
EERMC	\$283		\$0.0		-
Rhode Island Infrastructure Bank	\$1,263		\$0.0		-
Regulatory SUBTOTAL	\$2,163		\$0.0		-
TOTAL	\$36,154		\$42,483.2		388

Notes:

(1) For Implementation Expenses derivation, see Table G-3.

(2) RI Economic and Job Years Multipliers from "Economic Multipliers Update" filed by National Grid in Docket 5189.

Table G-5A
Rhode Island Energy
Calculation of 2023 Program Year Cost-Effectiveness with TRC Test
All Dollar Values in (\$000)

	TRC Benefit/ Cost	Total Benefit	Program Implementation Expenses	Customer Contribution	Performance Incentive	\$/Lifetime MMBtu
Non-Income Eligible Residential						
Energy Star® HVAC	0.95	\$6,930.7	\$3,593.1	\$3,718.7		\$14.1
EnergyWise	0.80	\$8,604.6	\$9,945.1	\$872.1		\$22.1
EnergyWise MultiFamily	3.36	\$4,497.5	\$1,487.8	-\$150.1		\$12.1
Home Energy Reports	2.02	\$726.6	\$360.5	\$0.0		\$3.9
Residential New Construction	1.12	\$1,032.1	\$622.3	\$301.1		\$15.8
Comprehensive Marketing - Residential			\$69.1			
Community Based Initiatives - Residential			\$93.5			
Residential Pilots			\$0.0			
Residential Workforce Development			\$0.0			
Non-Income Eligible Residential Subtotal	1.04	\$21,791.5	\$16,171.4	\$4,741.8	\$0.0	\$16.5
Income Eligible Residential						
Single Family - Income Eligible Services	1.67	\$9,062.6	\$5,437.7	\$0.0		\$32.1
Income Eligible Multifamily	2.67	\$8,596.0	\$3,221.0	\$0.0		\$18.7
Income Eligible Workforce Development			\$0.0			\$0.0
Income Eligible Residential Subtotal	2.04	\$17,658.6	\$8,658.6	\$0.0	\$0.0	\$25.3
Large Commercial & Industrial						
Large Commercial New Construction	4.30	\$12,404.2	\$2,821.8	\$60.5		\$4.0
Large Commercial Retrofit	1.28	\$9,203.4	\$4,644.1	\$2,537.2		\$7.1
Small Business Direct Install	1.66	\$1,420.4	\$691.1	\$166.3		\$6.6
Commercial & Industrial Multifamily	4.53	\$5,453.4	\$892.6	\$309.9		\$18.6
Commercial Pilots			\$12.4	\$0.0		
Community Based Initiatives - C&I			\$31.2	\$0.0		
Finance Costs			\$0.0	\$0.0		
Commercial Workforce Development			\$67.5	\$0.0		
Commercial & Industrial Subtotal	2.19	\$28,481.5	\$9,160.7	\$3,073.9	\$795.2	\$6.3
Regulatory						
EERMC			\$283.4			
OER			\$616.9			
Rhode Island Infrastructure Bank			\$1,262.5			
Regulatory Subtotal			\$900.4			
Grand Total	1.56	\$67,931.6	\$34,891.1	\$7,815.7	\$795.2	\$12.4

Notes:

(1) TRC B/C Test = (Energy + Capacity + Resource Benefits) / (Program Implementation + Customer Contribution + Performance Incentive)

Also includes effects of free-ridership and spillover.

(2) For Implementation Expenses derivation, see Table G-3.

Table G-6
Rhode Island Energy
Summary of 2023 Benefits by Program

	Benefits (\$000)																			
	Total	Total (Economic Excluded)	Natural Gas Benefits		Electric Capacity					Electric Energy				Non-Electric and Non-Gas			Societal			
			Natural Gas	Natural Gas DRIPE	Summer Generation	Capacity DRIPE	Trans	Dist	Reliability	Winter		Summer		Electric Energy DRIPE	Oil and Oil DRIPE	Other Resource	Non Resource	Carbon	NOx	Economic
										Winter Peak	Winter Off Peak	Summer Peak	Summer Off Peak							
Non-Income Eligible Residential																				
EnergyWise	\$32,012	\$21,271	\$4,431	\$28	\$61	\$106	\$82	\$101	\$5	\$52	\$59	\$54	\$47	\$38	\$0	\$75	\$3,466	\$12,335	\$332	\$10,741
Energy Star® HVAC	\$17,412	\$13,927	\$4,690	\$37	\$173	\$466	\$240	\$296	\$23	\$16	\$5	\$129	\$108	\$73	\$0	\$44	\$629	\$6,639	\$357	\$3,485
EnergyWise Multifamily	\$9,612	\$7,082	\$990	\$7	\$6	\$13	\$8	\$10	\$1	\$1	\$0	\$5	\$4	\$2	\$0	\$42	\$3,407	\$2,510	\$75	\$2,529
Home Energy Reports	\$3,303	\$2,899	\$696	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,109	\$64	\$404
Residential New Construction	\$1,885	\$1,673	\$526	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7	\$494	\$601	\$40	\$212
Non-Income Eligible Residential SUBTOTAL	\$64,224	\$46,853	\$11,334	\$106	\$240	\$584	\$331	\$407	\$29	\$68	\$64	\$188	\$159	\$113	\$0	\$169	\$7,998	\$24,193	\$868	\$17,371
Income Eligible Residential																				
Single Family - Income Eligible Services	\$18,235	\$12,525	\$1,552	\$11	\$18	\$35	\$24	\$30	\$2	\$20	\$23	\$15	\$13	\$16	\$0	\$0	\$7,304	\$3,346	\$117	\$5,710
Income Eligible Multifamily	\$15,720	\$10,502	\$1,556	\$15	\$7	\$22	\$10	\$12	\$1	\$1	\$1	\$5	\$4	\$4	\$0	\$24	\$6,933	\$1,788	\$118	\$5,218
Income Eligible Residential SUBTOTAL	\$33,955	\$23,027	\$3,108	\$26	\$25	\$57	\$34	\$42	\$3	\$21	\$24	\$20	\$17	\$20	\$0	\$24	\$14,237	\$5,134	\$235	\$10,928
Commercial & Industrial																				
Large Commercial New Construction	\$24,961	\$22,873	\$5,443	\$51	\$79	\$157	\$108	\$132	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$148	\$6,279	\$9,947	\$522	\$2,088
Large Commercial Retrofit	\$38,975	\$29,223	\$8,295	\$113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$796	\$19,273	\$746	\$9,753
Small Business Direct Install	\$4,668	\$3,707	\$1,023	\$11	\$0	\$0	\$0	\$0	\$0	\$4	\$3	\$1	\$1	\$3	\$0	\$317	\$58	\$2,191	\$96	\$961
Commercial & Industrial Multifamily	\$7,592	\$6,209	\$548	\$6	\$3	\$10	\$4	\$5	\$0	\$0	\$0	\$2	\$2	\$2	\$0	\$4	\$4,866	\$708	\$47	\$1,384
Commercial & Industrial SUBTOTAL	\$76,197	\$62,012	\$15,308	\$181	\$82	\$166	\$112	\$138	\$8	\$4	\$3	\$3	\$3	\$5	\$0	\$469	\$11,998	\$32,119	\$1,411	\$14,185
Grand Total	\$174,375	\$131,892	\$29,750	\$313	\$347	\$808	\$477	\$586	\$41	\$94	\$92	\$212	\$179	\$138	\$0	\$662	\$34,233	\$61,446	\$2,514	\$42,483

Table G-6A
Rhode Island Energy
Summary of 2023 Impacts by Program

	Gas Savings			Electric Energy Savings					Total Savings (Gas, Electric)		Total Carbon Savings
	MMBtu		short tons CO ₂	MWh		MMBtu		short tons CO ₂	MMBtu		short tons CO ₂
	Annual	Lifetime	Annual ¹	Annual	Lifetime	Annual	Lifetime	Annual ²	Annual	Lifetime	Annual ²
Non-Income Eligible Residential											
EnergyWise	20,697	490,013	1,422	116	2,713	394	9,258	55	21,092	499,271	1,477
Energy Star® HVAC	27,030	517,571	1,978	281	4,173	957	14,238	128	27,987	531,809	2,106
EnergyWise Multifamily	5,358	110,428	440	9	158	29	540	6	5,387	110,968	446
Home Energy Reports	91,640	91,640	5,361	-	-	-	-	-	91,640	91,640	5,361
Residential New Construction	3,287	58,476	215	-	-	-	-	-	3,287	58,476	215
Non-Income Eligible Residential SUBTOTAL	148,013	1,268,128	9,416	405	7,045	1,380	24,036	188	149,393	1,292,165	9,604
Income Eligible Residential											
Single Family - Income Eligible Services	8,230	169,180	481	51	1,022	173	3,485	20	8,403	172,665	501
Income Eligible Multifamily	11,075	172,464	648	15	189	49	643	5	11,125	173,107	653
Income Eligible Residential SUBTOTAL	19,305	341,644	1,129	65	1,210	222	4,129	25	19,528	345,773	1,155
Commercial & Industrial											
Large Commercial New Construction	48,823	716,705	5,075	-	-	-	-	-	48,823	716,705	5,075
Large Commercial Retrofit	94,766	1,016,519	5,095	-	-	-	-	-	94,766	1,016,519	5,095
Small Business Direct Install	9,723	130,193	630	8	116	26	395	3	9,750	130,588	633
Commercial & Industrial Multifamily	4,249	64,645	275	6	82	22	281	4	4,270	64,927	279
Commercial & Industrial SUBTOTAL	157,561	1,928,063	11,074	14	198	48	676	8	157,609	1,928,739	11,082
Grand Total	324,879	3,537,835	21,619	484	8,453	1,650	28,841	222	326,529	3,566,676	21,841

Notes:

1) Lifetime savings are equal to annual savings multiplied by the expected life of measures expected to be installed in each program.

(2) Annual short tons CO₂ savings is based on gross annual energy savings in Year 1. The AESC 2021 study was used to inform the electric emissions factor for 2023, taking the average of summer/winter on/off-peak.

Table G-7
Rhode Island Energy
Comparison of 2023 and 2022 Goals

	Proposed 2023 Goal	Proposed 2023 Tracking		Approved 2022		Difference	
	Lifetime Energy Savings (MMBtu Natural Gas)	Annual Energy Savings (MMBtu Natural Gas)	Planned Unique Participants	Lifetime Energy Savings (MMBtu Natural Gas)	Annual Energy Savings (MMBtu Natural Gas)	Lifetime Energy Savings (MMBtu Natural Gas)	Annual Energy Savings (MMBtu Natural Gas)
Non-Income Eligible Residential							
EnergyWise	490,013	20,697	1,716	478,550	20,850	11,463	-152
Energy Star® HVAC	517,571	27,030	2,904	439,717	26,740	77,854	289
EnergyWise Multifamily	110,428	5,358	3,453	147,064	8,279	-36,636	-2,921
Home Energy Reports	91,640	91,640	130,585	93,548	93,548	-1,907	-1,907
Residential New Construction	58,476	3,287	460	64,899	3,610	-6,423	-323
Non-Income Eligible Residential SUBTOTAL	1,268,128	148,013	139,117	1,223,778	153,027	44,350	-5,014
Income Eligible Residential							
Single Family - Income Eligible Services	169,180	8,230	797	218,847	10,942	-49,667	-2,712
Income Eligible Multifamily	172,464	11,075	2,742	273,085	14,700	-100,621	-3,625
Income Eligible Residential SUBTOTAL	341,644	19,305	3,539	491,932	25,642	-150,288	-6,337
Commercial & Industrial							
Large Commercial New Construction	716,705	48,823	62	788,763	52,956	-72,058	-4,133
Large Commercial Retrofit	1,016,519	94,766	59	1,332,508	142,888	-315,989	-48,122
Small Business Direct Install	130,193	9,723	146	91,700	6,113	38,494	3,610
Commercial & Industrial Multifamily	64,645	4,249	488	131,220	8,803	-66,575	-4,554
Commercial & Industrial SUBTOTAL	1,928,063	157,561	755	2,344,192	210,760	-416,129	-53,200
TOTAL	3,537,835	324,879	143,411	4,059,902	389,430	-522,067	-64,551

Notes:

- (1) Participants can participate in more than one program, for example Home Energy Reports and EnergyWise.
- (2) Planned 2023 participation takes into account net-to-gross and estimates unique participation by taking into account 2021 unique customer accounts to savings ratios. Therefore the number of planned measures may be more than the planned participants. For measure counts please view the widgets tables at the end of the Residential and C&I text sections. Table G-7 no longer includes a comparison to the previous year's participation. Due to the way unique participation is calculated it is not possible to compare year-over-year results.

Table G-8A
Rhode Island Energy
2023 Gas PIM Benefits, Allocations, and Categorization (\$000)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	Natural Gas Benefits		Utility NEIs	Electric Capacity					Electric Energy					Non-Electric and Non-Gas			Societal		
	Natural Gas	Natural Gas DRIFE	Utility NEIs	Summer Generation	Capacity DRIFE	Trans	Dist	Reliability	Winter Peak	Winter Off Peak	Summer Peak	Summer Off Peak	Electric Energy DRIFE	Oil and Oil DRIFE	Other Resource	Non Resource	Carbon	NOx	Economic
Non-Income Eligible Residential																			
EnergyWise	\$4,431	\$28	\$423	\$61	\$106	\$82	\$101	\$5	\$52	\$59	\$54	\$47	\$38	\$0	\$75	\$3,044	\$12,335	\$332	\$10,741
Energy Star® HVAC	\$4,690	\$37	\$0	\$173	\$466	\$240	\$296	\$23	\$16	\$5	\$129	\$108	\$73	\$0	\$44	\$629	\$6,639	\$357	\$3,485
EnergyWise Multifamily	\$990	\$7	\$0	\$6	\$13	\$8	\$10	\$1	\$1	\$0	\$5	\$4	\$2	\$0	\$42	\$3,407	\$2,510	\$75	\$2,529
Home Energy Reports	\$696	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,109	\$64	\$404
Residential New Construction	\$526	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7	\$494	\$601	\$40	\$212
Non-Income Eligible Residential SUBTOTAL	\$11,334	\$106	\$423	\$240	\$584	\$331	\$407	\$29	\$68	\$64	\$188	\$159	\$113	\$0	\$169	\$7,575	\$24,193	\$868	\$17,371
Income Eligible Residential																			
Single Family - Income Eligible Services	\$1,552	\$11	\$79	\$18	\$35	\$24	\$30	\$2	\$20	\$23	\$15	\$13	\$16	\$0	\$0	\$7,225	\$3,346	\$117	\$5,710
Income Eligible Multifamily	\$1,556	\$15	\$33	\$7	\$22	\$10	\$12	\$1	\$1	\$1	\$5	\$4	\$4	\$0	\$24	\$6,901	\$1,788	\$118	\$5,218
Income Eligible Residential SUBTOTAL	\$3,108	\$26	\$112	\$25	\$57	\$34	\$42	\$3	\$21	\$24	\$20	\$17	\$20	\$0	\$24	\$14,125	\$5,134	\$235	\$10,928
Commercial & Industrial																			
Large Commercial New Construction	\$5,443	\$51	\$0	\$79	\$157	\$108	\$132	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$148	\$6,279	\$9,947	\$522	\$2,088
Large Commercial Retrofit	\$8,295	\$113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$796	\$19,273	\$746	\$9,753
Small Business Direct Install	\$1,023	\$11	\$0	\$0	\$0	\$0	\$0	\$0	\$4	\$3	\$1	\$1	\$3	\$0	\$317	\$58	\$2,191	\$96	\$961
Commercial & Industrial Multifamily	\$548	\$6	\$0	\$3	\$10	\$4	\$5	\$0	\$0	\$0	\$2	\$2	\$2	\$0	\$4	\$4,866	\$708	\$47	\$1,384
Commercial & Industrial SUBTOTAL	\$15,308	\$181	\$0	\$82	\$166	\$112	\$138	\$8	\$4	\$3	\$3	\$3	\$5	\$0	\$469	\$11,998	\$32,119	\$1,411	\$14,185
Grand Total	\$29,750	\$313	\$535	\$347	\$808	\$477	\$586	\$41	\$94	\$92	\$212	\$179	\$138	\$0	\$662	\$33,698	\$61,446	\$2,514	\$42,483
Included in PIM? (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
Percent Application in PIM	100%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
Category	Gas Utility System Benefits	Gas Utility System Benefits	Gas Utility System Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	Resource Benefits	NA	NA	NA	NA

Notes
From 2023 Benefit-Cost Model, reflects benefits in Table G-6.

Table G-8B - Compliance Filing
Rhode Island Energy
2023 Gas PIM Costs (\$000)

	(1)	(2)	(3)
	Costs (\$)		
	Eligible Spending Budget from Table G-3	Regulatory Costs	Total Costs for PIM Calculations
Non-Income Eligible Residential SUBTOTAL	\$16,171	\$94	\$16,266
Income Eligible Residential SUBTOTAL	\$8,659	\$94	\$8,753
Commercial & Industrial SUBTOTAL	\$9,096	\$94	\$9,190
Included in PIM? (Y/N)	Y	Y	Y

Notes

Source is Table G-2 and G-3. Regulatory costs allocated equally to each sector. OER and RIIB costs have been omitted from Regulatory Costs.

Table G-8C
Rhode Island Energy
2023 Gas PIM and SQA

Sector PI = min{ Payout Cap(i), [Actual Net Benefits * Design Payout Rate(g) * Payout Rate Adjustment(i)] }

Sector	Planned Eligible Benefits		Planned Eligible Costs	Planned Eligible Net Benefits (4)	Design Performance Achievement	Design Performance Payout	Design Payout Rate	Design Payout Rate Thresholds	Payout Rate Adjustments	Payout Cap	Service Quality Metric
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	100% Gas Utility System Benefits	50% Resource Benefits	Eligible Spending Budget + Regulatory Costs	=(a)+(b)-(c)	Net benefits at which design incentive pool is achieved	Set by PUC	=(f)/(e)	Achievement levels at which the Payout Rate Adjustments in (i) will be applied—Set by PUC	Factor to adjust Design Payout Rate for if final program achievement fall within the ranges in (h)—Set by PUC	=1.25*(f)	Yes if (d) ≤ 0; No if (d) >0
										Cap on sector payout regardless of achievement in sector	See Service Quality Table
Non-income Eligible Residential	\$11,862,676	\$1,177,002	\$16,265,852	-\$3,226,174	\$2,000,000	\$500,000	25.0%	a. Achievement < 25% b. 25% ≤ Achievement < 50% c. 50% ≤ Achievement < 75% d. 75% ≤ Achievement • Spending > Planned Eligible Costs	a. 0.0 b. Achievement/100 + 0.1 c. Achievement/100 + 0.25 d. 0.0 • See Boundary Rules	\$625,000	Yes
Income Eligible Residential	\$3,246,250	\$143,577	\$8,753,130	-\$5,363,303	\$2,000,000	\$500,000	25.0%			\$625,000	Yes
Commercial & Industrial	\$15,489,323	\$496,890	\$9,190,360	\$6,795,854	\$6,795,854	\$795,220	11.7%			\$994,025	No

Sector SQA = Maximum Service Adjustment(e) * Service Achievement Scaling Factor(g)

	Planned Eligible Benefits		Planned Eligible Costs	Design Service Achievement	Maximum Service Adjustment	Service Adjustment Thresholds	Service Achievement Scaling Factors	Achievement Cost Adjustment
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	100% Gas Utility System Benefits	50% Resource Benefits	Eligible Spending Budget + Regulatory Costs	=(a)+(b)	Maximum downward adjustment to earned incentive	Adjusted Achievement levels at which the Service Adjustments in (e) will be applied; adjustment is calculated in (h)	Factor to scale program achievement that fall within the ranges in (f)	Actual-cost-based adjustment factor applied to achievement. Result is if the difference between achievement and cost variances are greater than 5%, the Actual Achievement will be adjusted for use in
Non-Income Eligible Residential	\$11,862,676	\$1,177,002	\$16,265,852	\$13,039,679	\$344,262	a. Adjusted Achievement < 65% b. 65% ≤ Adjusted Achievement < 95% c. 95% ≤ Adjusted Achievement	a. 0 b. 0.95-Adjusted Achievement/30 c. 0	Performance Variance = "Actual Benefits" / "Design Achievement" - "Spending" / "Planned Eligible Cost" If the absolute value (Performance Variance) ≤ 0.05, Then Adjusted Achievement = Actual Achievement Else Adjusted Achievement = Actual Achievement * (1+ Performance Variance)
Income Eligible Residential	\$3,246,250	\$143,577	\$8,753,130	\$3,389,827	\$123,176			
Commercial & Industrial	\$15,489,323	\$496,890	\$9,190,360	\$15,986,213	\$0			

Table G-9
Rhode Island Energy
Revolving Loan Fund Projections

Large C&I Revolving Loan Fund

(1)	Total Loan Fund Deposits Through 2022	\$ 3,590,440
(2)	Current Loan Fund Balance	\$ 2,481,254
(3)	Projected Loans by Year End 2022	\$ 1,200,000
(4)	Projected Repayments by Year End 2022	\$ 311,389
(5)	Projected Year End Loan Fund Balance 2022	\$ 1,592,643
(6)	2023 Fund Injection	\$ -
(7)	Projected Loan Fund Balance, January 2023	\$ 1,592,643
(8)	Projected Repayments throughout 2023	\$ 309,469
(9)	Estimated Loans in 2023	\$ 1,200,000
(10)	Projected Year End Loan Fund Balance 2023	\$ 702,112

Notes

- 1 Funding injections since loan funds began. Net of any adjustments.
- 2 Current Loan Fund Balance is through May 2022
- 3 Projected Loans by Year End 2022 is estimated based on current commitments
Projected Repayments by Year End 2022 is estimated based on projected loans
- 4 by year end and repayment schedules
- 5 Equal to (2) - (3) + (4)
- 6 Fund Injection, as budgeted on G-2
- 7 Equal to (5) + (6)
- 8 Assumption based on average repayments over 12 months; repayments accumulate over time and may vary widely.

Table G-10
Rhode Island Energy
Rhode Island Gas Energy Efficiency 2003 - 2023
\$(000)

Gas	2007 ⁽⁴⁾	2008	2009	2010	2011 ⁽⁵⁾	2012	2013 ⁽⁶⁾	2014	2015	2016	2017	2018	2019	2020 ⁽⁷⁾	2021 ⁽⁸⁾	2022 ⁽⁹⁾	2023 ⁽¹⁰⁾
Energy Efficiency Budget (\$Million) ⁽¹⁾	-	\$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
Spending Budget (\$Million) ⁽²⁾	-	\$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	\$33.9
Actual Expenditures (\$Million) ⁽³⁾	-	\$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			
Incentive Percentage ⁽¹²⁾	-	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%	NA	NA	NA
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	\$795,220
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			
Annual MMBtu Energy Savings Goal Achieved (%)	-	109%	139%	127%	117%	99%	109%	124%	111%	106%	113%	120%	104%	71%			
System Benefits Charge (\$/therm) - all non-exempt customers ⁽¹¹⁾	\$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	\$0.1172	
C&I System Benefits Charge (\$/therm)	-	-	-	-	-	-	\$0.0492	\$0.0637	\$0.0487	\$0.0726	\$0.0671	\$0.0420	\$0.0704	\$0.0596	\$0.0846	\$0.0652	
Annual Cost to 846 Therm/year Residential Customer w/o tax ⁽⁹⁾	\$6.04	\$9.05	\$12.69	\$12.69	\$18.28	\$32.49	\$35.28	\$50.76	\$66.07	\$63.28	\$75.12	\$73.52	\$60.49	\$85.53	\$73.69	\$107.53	\$99.15
Annual Cost to 846 Therm/year Residential Customer w/tax ⁽¹⁰⁾	\$6.23	\$9.33	\$13.08	\$13.08	\$18.85	\$33.49	\$36.37	\$52.33	\$68.11	\$65.24	\$77.44	\$75.79	\$62.36	\$88.18	\$75.97	\$110.86	\$102.22

Notes:

- (1) Energy Efficiency Budget includes total expenditures and commitments. Includes all demand side management program-related expenses, including rebates, administration and general expenses, evaluation, commitments for future years and Company incentive.
- (2) Prior to 2017, Spending Budget Eligible for Shareholder Incentive includes: Implementation, Administration, General, and Evaluation Expenses; excludes EERMC and OER Costs, Commitments, Copays, and Outside Finance Costs. Beginning in 2017, Outside Finance Costs were also included. Beginning in 2018 Pilot expenses were also excluded. Beginning in 2019 ConnectedSolutions expenses and assessment were also excluded.
- (3) Actual Expenditures is actual spend during calendar year. Includes expenditures and commitments. Includes all demand side management program-related expenses, including rebates, administration and general expenses, evaluation, commitments for future years and Company incentive.
- (4) Gas programs began during July 2007 and were not reported on separately that year since programs were still in development. The 2007 gas programs are included in 2008 reporting. Systems Benefit Charge shown for 2007 is the weighted average of \$0.063 per decatherm from January 1, 2007 - June 30, 2007 and \$0.107 per decatherm from July 1, 2007 through December 31, 2008.
- (5) On July 25, 2011 the Commission ordered that National Grid could increase the gas System Benefits Charge from \$0.15 to \$0.411 per decatherm for the period of August 1, 2011 through December 31, 2011. Annual cost represents 7 months usage (632 therms) at \$0.015 per therm and 5 months usage (214 therms) at \$0.0411 per therm.
- (6) In the Company's gas and electric rate cases in docket 4323, the PUC approved the uncollectibles gross-up in the electric EE Program Charge effective February 1, 2013, and a new rate applicable to the gross-up of the gas EE Program Charge, effective February 1, 2013.
- (7) 2021 values are planned.
- (8) 2022 values are proposed.
- (9) Reflects the annual cost excluding Gross Earnings Tax.
- (10) Reflects the annual cost including Gross Earnings Tax.
- (11) The Gas EE Program Charge was uniform for all customers until 2014, at which time the Company proposed and the PUC approved individual factors for the residential and C&I sectors.
- (12) Incentive percentage not applicable for 2022 due to new performance incentive mechanism developed for the 2022 Annual Plan. See Section 11 of the Main Text of the 2022 Annual Plan for additional details.

The following is a list of general corrections that could be made to the 2023 RI EE Plan filed on September 30, 2022 from a general review of numbers.

List of General Corrections to 22-33-EE-2023 Energy Efficiency Plan - PUC 9-30-22 (002)

#	PDF Page(s)	Bates Page(s)	Section #	Subject	Additional Detail	Originally Filed Number	Corrected Number	Absolute Difference	Notes
1	109	103	12	RI GDP	Table 21, Row 2	\$283,0304.2M	\$273.9M	N/A	Track changes error
2	109	103	12	RI job-years	Table 21, Row 2	2,648826	2,557	N/A	Track changes error
3	109	103	12	Carbon	Table 21, Row 3	72,7058,217	75,426	N/A	Track changes error

The following is a list of corrections that must be made to the 2023 RI EE Plan filed on September 30, 2022 as a result of the Gas RIIB/OER PIM cost exclusion correction and/or Gas HERs NEI correction.

List of Number Corrections to 22-33-EE-2023 Energy Efficiency Plan - PUC 9-30-22 (002) As a Result of Gas RIIB/OER PIM Cost Exclusion Correction and/or Gas HERs NEI Correction

#	PDF Page(s)	Bates Page(s)	Section #	Subject	Additional Detail	Originally Filed Number	Corrected Number	Absolute Difference	Notes	As a result of...
1	1	Cover Letter	N/A	Total Benefits of Plan		\$447.6 million	\$446.7 million	~\$0.9 million		Gas HERs NEI Correction
2	2	Cover Letter	N/A	C&I Natural Gas EE Charge		\$0.648 per Dth	\$0.652 per Dth	\$0.004 per Dth		Gas RIIB/OER PIM Cost Exclusion Correction
3	19	13	PFT	Total Benefits of Plan	Line 14	\$447.6M	\$446.7M	~\$0.9M		Gas HERs NEI Correction
4	20	14	PFT	Total Benefits from Gas	Line 5	\$132.8M	\$131.9M	~\$0.9M		Gas HERs NEI Correction
5	21	15	PFT	Gas BCR	Line 7 and 8	2.97 and \$2.97	2.95 and \$2.95	0.02 and \$0.02	Mainly driven by NEI correction	Combined
6	23	17	PFT	Gas BCR	Line 5	2.97	2.95	0.02	Mainly driven by NEI correction	Combined
7	27	21	PFT	EE Rates Table	Gas C&I SBC	\$0.648 per Dth	\$0.652 per Dth	\$0.004 per Dth		Gas RIIB/OER PIM Cost Exclusion Correction
8	27	21	PFT	Summary of Changes in Rates	Gas C&I SBC % decrease	27%	26%	>1%		Gas RIIB/OER PIM Cost Exclusion Correction
9	33	27	PFT	Cost of Gas EE	Line 1, Total	\$44.7 million	\$44.8 million	>0.1 million		Gas RIIB/OER PIM Cost Exclusion Correction
10	34	28	PFT	Gas Performance Incentive / Payout Pool	Line 9	\$0.72 million	\$0.80 million	>\$0.08 million		Gas RIIB/OER PIM Cost Exclusion Correction
11	34	28	PFT	Gas Performance Incentive / Payout Pool	Line 13, Table	\$721,940	\$795,220	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
12	34	28	PFT	Gas Performance Incentive / Payout Pool, 2022 Compare	Line 13, Table	(\$278,060)	(\$204,780)	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
13	34	28	PFT	Gas Performance Incentive / Payout Pool, 2022 Compare	Line 13, Table	-27.8%	-20.7%	7.1%		Gas RIIB/OER PIM Cost Exclusion Correction
14	42	36	PFT	C&I Natural Gas EE Charge	Line 11	\$0.648/Dth	\$0.652/Dth	\$0.004/Dth		Gas RIIB/OER PIM Cost Exclusion Correction
15	42	36	PFT	Gas Performance Incentive / Payout Pool	Line 19	\$721,940	\$795,220	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
16	50	44	1.1	Total Investment	Portfolio	\$142.4M	\$142.5M	>0.1M		Gas RIIB/OER PIM Cost Exclusion Correction
17	50	44	1.1	Total Benefits of Plan		\$447.6M	\$446.7M	~\$0.9M		Gas HERs NEI Correction
18	51	45	1.2.2	Total Benefits of Plan		\$447.6M	\$446.7M	~\$0.9M		Gas HERs NEI Correction
19	51	45	1.2.2	Total Benefits from Gas		\$132.8M	\$131.9M	~\$0.9M		Gas HERs NEI Correction
20	52	46	1.2.2	Gas BCR		\$2.97	\$2.95	\$0.02	Mainly driven by NEI correction	Combined
21	53	47	1.2.5	Gas C&I Reconciling Mechanism		(\$0.238)/Dth	(\$0.234)/Dth	\$0.004/Dth		Gas RIIB/OER PIM Cost Exclusion Correction
22	54	48	1.2.5	Gas Commercial and Industrial Implementation Budget	Table 1, Regulatory (\$000)	\$2,162	\$2,163	\$1		Gas RIIB/OER PIM Cost Exclusion Correction
23	54	48	1.2.5	Gas Commercial and Industrial Performance Incentive	Table 1, PIM (\$000)	\$722	\$795	\$73		Gas RIIB/OER PIM Cost Exclusion Correction
24	54	48	1.2.5	Gas Subtotal Implementation Budget	Table 1, Implementation (\$000)	\$36,153	\$36,154	\$1		Gas RIIB/OER PIM Cost Exclusion Correction
25	54	48	1.2.5	Gas Subtotal Performance Incentive	Table 1, PIM (\$000)	\$722	\$795	\$73		Gas RIIB/OER PIM Cost Exclusion Correction
26	54	48	1.2.5	TOTAL Plan Implementation Budget	Table 1, Implementation (\$000)	\$138,171	\$138,172	\$1		Gas RIIB/OER PIM Cost Exclusion Correction
27	54	48	1.2.5	TOTAL Plan Performance Incentive	Table 1, PIM (\$000)	\$4,223	\$4,296	\$73		Gas RIIB/OER PIM Cost Exclusion Correction
28	54	48	1.2.5	Gas Non-Income Eligible Residential Total Benefits	Table 1, Benefits (\$000)	\$47,786	\$46,853	(\$933)		Gas HERs NEI Correction
29	54	48	1.2.5	Gas Subtotal Total Benefits	Table 1, Benefits (\$000)	\$132,825	\$131,892	(\$933)		Gas HERs NEI Correction
30	54	48	1.2.5	TOTAL Plan Total Benefits	Table 1, Benefits (\$000)	\$447,605	\$446,672	(\$933)		Gas HERs NEI Correction
31	54	48	1.2.5	Gas Non-Income Eligible Residential RI Test B/C Ratio	Table 1, BCRs	2.28	2.24	-0.04		Gas HERs NEI Correction
32	54	48	1.2.5	Gas Commercial and Industrial RI Test B/C Ratio	Table 1, BCRs	4.79	4.76	-0.03		Gas RIIB/OER PIM Cost Exclusion Correction
33	54	48	1.2.5	Gas BCR	Table 1, BCRs	2.97	2.95	0.02	Mainly driven by NEI correction	Combined
34	54	48	1.2.5	TOTAL Plan RI Test B/C Ratio	Table 1, BCRs	2.63	2.62	-0.01	Mainly driven by NEI correction	Combined
35	84	77	7.1.2	Gas BCR		2.97 and \$2.97	2.95 and \$2.95	0.02 and \$0.02	Mainly driven by NEI correction	Combined
36	87	81	7.3.2	Income-Eligible Portfolio Expense Share		23.5%	23.4%	-0.1%		Gas RIIB/OER PIM Cost Exclusion Correction
37	91	85	7.3.2	Summary of Changes in Rates	Table 14, Gas C&I SBC	\$0.648 per Dth	\$0.652 per Dth	\$0.004 per Dth		Gas RIIB/OER PIM Cost Exclusion Correction
38	91	85	7.3.2	Summary of Changes in Rates	Table 14, Gas C&I SBC % decrease	27%	26%	>1%		Gas RIIB/OER PIM Cost Exclusion Correction
39	93	87	7.5.2	Cost of Gas EE	Total	\$44.7 million	\$44.8 million	>0.1 million		Gas RIIB/OER PIM Cost Exclusion Correction
40	95	89	7.5.2	Costs of Gas EE	Table 16, Gas Implementation	\$36,152,924	\$36,153,622	\$698	Due to OER budget rebalance	Gas RIIB/OER PIM Cost Exclusion Correction
41	95	89	7.5.2	Costs of Gas EE	Table 16, Gas Shareholder Incentive	\$721,940	\$795,220	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
42	95	89	7.5.2	Costs of Gas EE	Table 16, Gas Cost of EE	\$44,690,576	\$44,764,554	\$73,978		Gas RIIB/OER PIM Cost Exclusion Correction
43	95	89	7.5.2	Costs of Gas EE	Table 16, Gas Difference	\$52,840,893	\$52,766,915	(\$73,978)	Continues to round to \$52.8M	Gas RIIB/OER PIM Cost Exclusion Correction
44	97	91	8.1	Gas 2023 3-Yr Plan vs. 2023 1 Yr	Table 18, Total Benefits (RI Test)	\$132,825,373	\$131,892,026	(\$933,348)		Gas HERs NEI Correction
45	97	91	8.1	Gas 2023 3-Yr Plan vs. 2023 1 Yr	Table 18, Benefit % Change	12%	13%	1%		Gas HERs NEI Correction
46	97	91	8.1	Gas 2023 3-Yr Plan vs. 2023 1 Yr	Table 18, Total Budget	\$36,874,864	\$36,949,842	\$74,978	Continues to round to \$36.9M	Gas RIIB/OER PIM Cost Exclusion Correction
47	97	91	8.1	Gas 2023 3-Yr Plan vs. 2023 1 Yr	Table 18, Benefit Cost Ratio (RI Test)	2.97	2.95	0.02	Mainly driven by NEI correction	Combined
48	97	91	8.1	Gas 2023 3-Yr Plan vs. 2023 1 Yr	Table 18, C&I EE Program Charge	\$0.648 per Dth	\$0.652 per Dth	\$0.004 per Dth		Gas RIIB/OER PIM Cost Exclusion Correction
49	97	91	8.1	Gas 2023 3-Yr Plan vs. 2023 1 Yr	Table 18, C&I Charge % Change	18%	17%	1%		Gas RIIB/OER PIM Cost Exclusion Correction
50	99	93	9.2.1	Gas C&I Reconciling Mechanism		(\$0.238)/Dth	(\$0.234)/Dth	\$0.004/Dth		Gas RIIB/OER PIM Cost Exclusion Correction
51	107	101	10	Gas Performance Incentive / Payout Pool		\$721,940	\$795,220	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
52	108	102	10	Gas Performance Incentive / Payout Pool		\$721,940	\$795,220	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
53	108	102	10	Gas Performance Incentive / Payout Pool	2022 Comparison	(\$278,060)	(\$204,780)	\$73,280		Gas RIIB/OER PIM Cost Exclusion Correction
54	296	290	Attachment 4	Program participant / prosumer benefits / costs	Table 2, Gas Non-energy impacts	\$35,166,494	\$34,233,146	(\$933,348)		Gas HERs NEI Correction
55	345	339	Attachment 7	Gas BCR		2.97	2.95	0.02	Mainly driven by NEI correction	Combined

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was 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.

Joanne M. Scanlon

October 13, 2022

Date

**Docket No. 22-33-EE – Rhode Island Energy’s Energy Efficiency Plan 2023
Service list updated 10/12/22**

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