

2025 Annual Plan – First Draft

Consultant Team Presentation

Date: July 18, 2024

Outline



Process Update & Overview

Portfolio Review

Sector Review

Council Discussion

Council Discussion



Process Update & Overview

2025 Plan First Draft – Review Process



The Company shared 2025 Annual Plan Numbers on July 3rd

Comments on the First Draft Numbers are due July 21st

Areas of Focus for Consultant Team Review

- Portfolio Savings, Budget, and Cost to Achieve
- Cost-Effectiveness and Cost of Supply
- Select Sector Highlights

Areas of ongoing review not covered in depth today

- Jurisdictional comparisons of key inputs
- QA/QC consistency between BC Models and Technical Reference Manual Database

Quantitative plan materials we have not yet received

- Electric and Gas Tables (Attachments 5 & 6)
- Rate and Bill Impacts Model

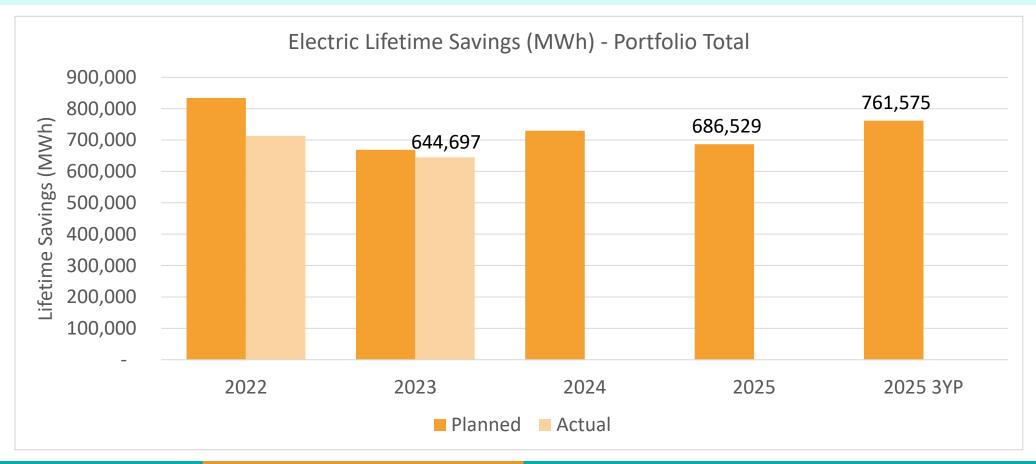


Portfolio Review

Electric Portfolio Lifetime Savings



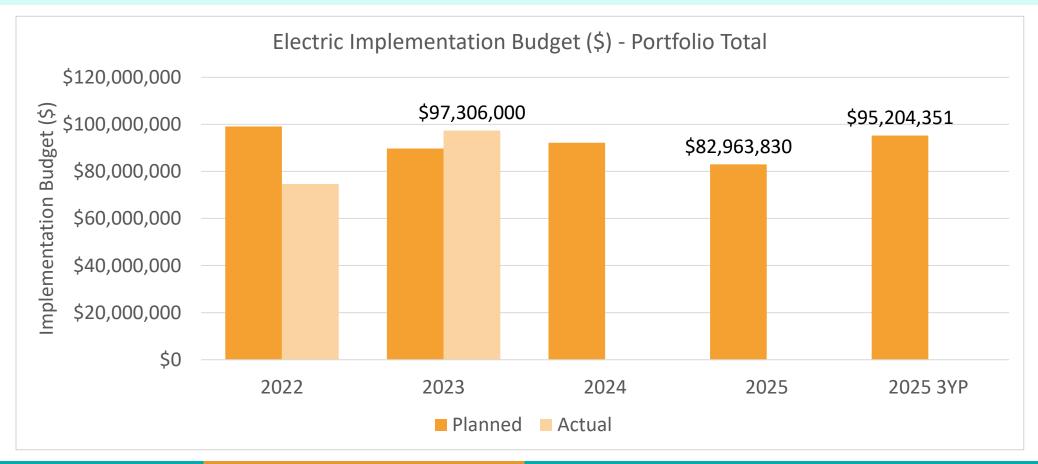
686,529 lifetime MWh planned for 2025, which represents a 6% increase above savings achieved in 2023 and a 10% decrease below the 2025 Three-Year Plan.



Electric Portfolio Implementation Budget



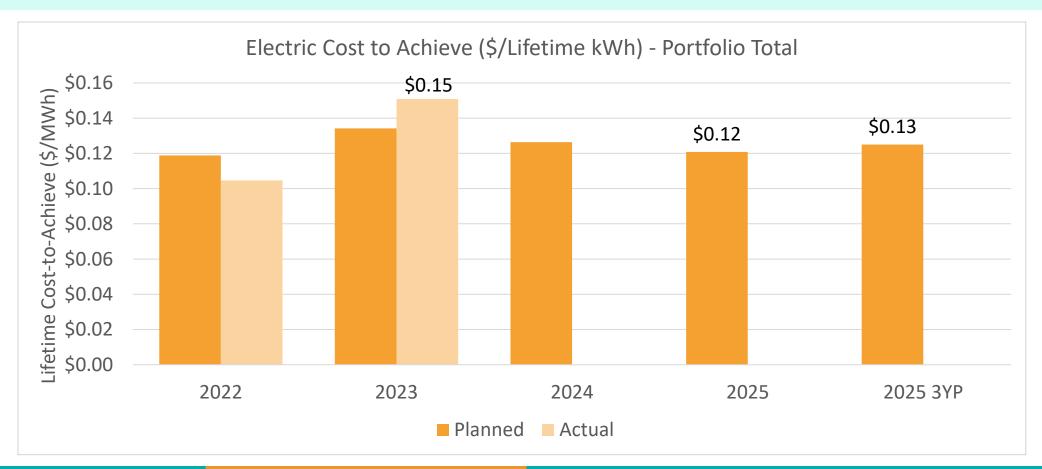
\$82,963,830 planned implementation budget for 2025, which represents a 15% decrease below the actual 2023 spend and 13% decrease below the 2025 Three-Year Plan budget.



Electric Portfolio Lifetime Cost-to-Achieve



\$0.12 per lifetime kWh planned for 2025, which represents a 20% decrease below 2023 actuals and 3% decrease below the 2025 Three-Year Plan.

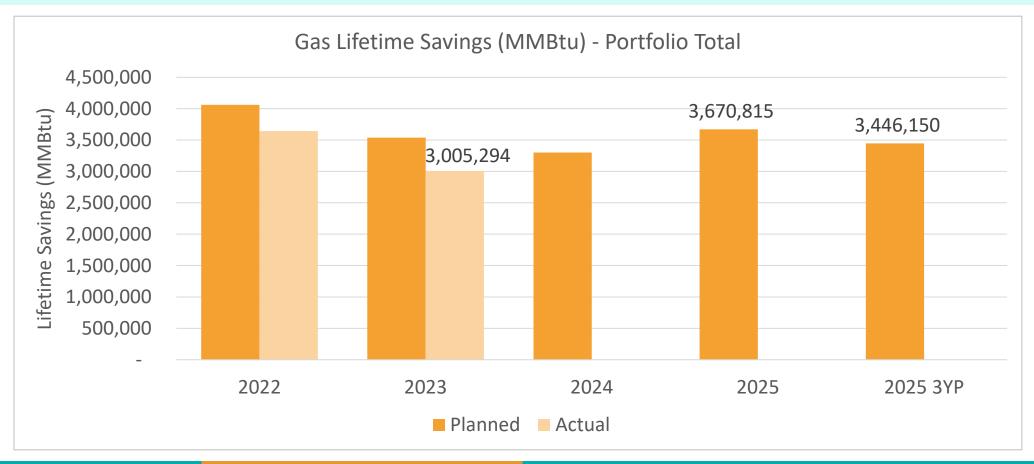


Council Discussion

Gas Portfolio Lifetime Savings



3,670,815 lifetime MMBtu planned for 2025, a 22% increase above 2023 actuals and 7% increase above the 2025 Three-Year Plan.

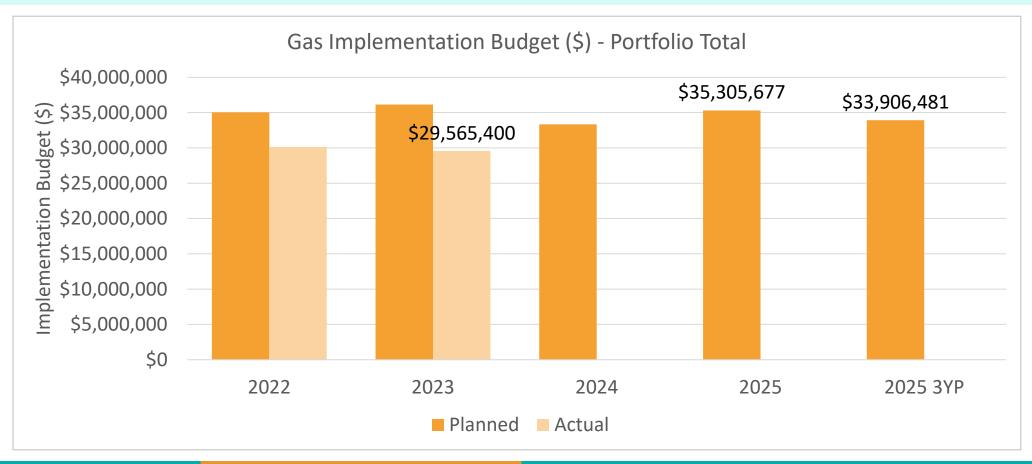


Sector Review

Gas Portfolio Implementation Budget



\$35,305,677 planned implementation budget for 2025, which represents a 19% increase above the actual 2023 spend and 4% increase above the 2025 Three-Year Plan.

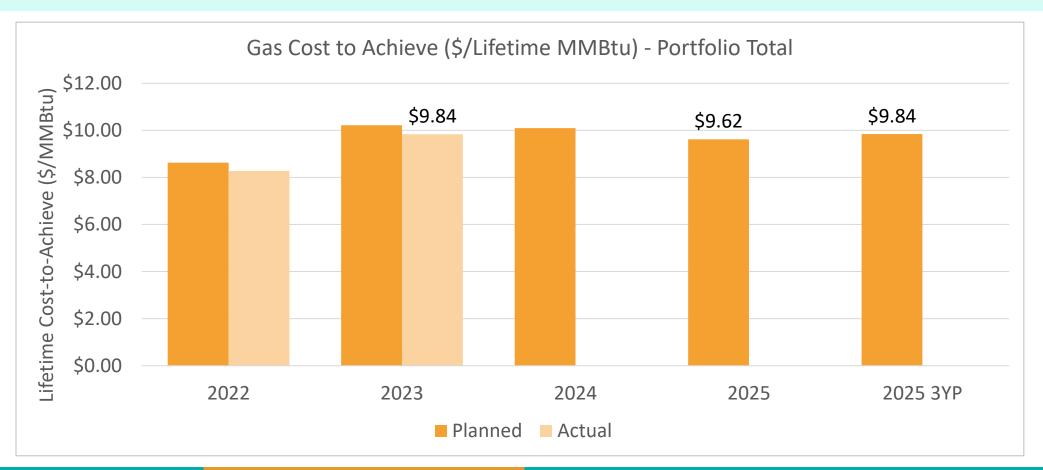


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Gas Portfolio Lifetime Cost-to-Achieve



\$9.62 per lifetime MMBtu planned for 2025, which represents a 2% decrease below 2023 actuals and the 2025 Three-Year Plan.



11

Cost-Effectiveness – Electric Portfolio

2.27

2.57

2.10

0.00 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00

Home Energy Reports

EnergyWise Multifamily

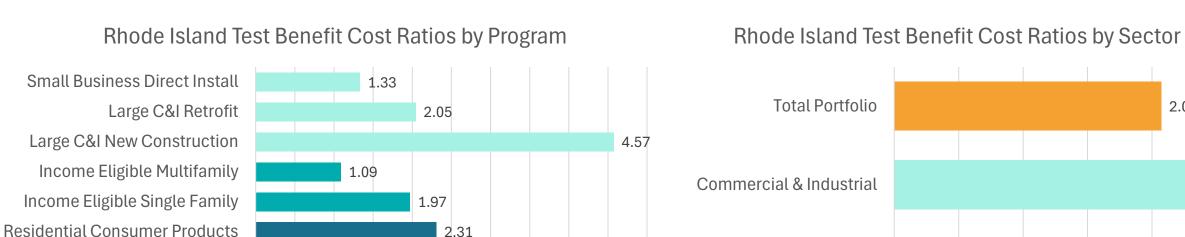
Residential HVAC

EnergyWise Single Family

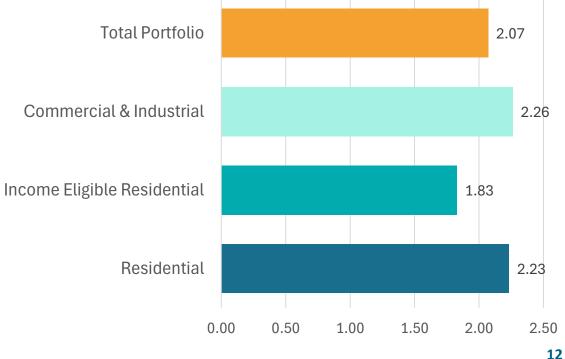
Residential New Construction



Electric portfolio, each sector, and all programs are cost-effective



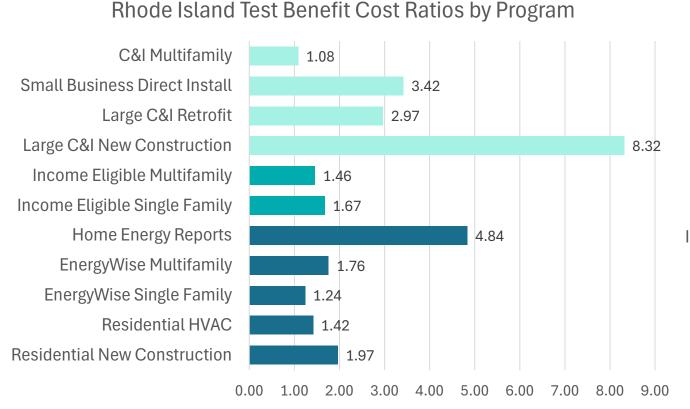
3.18



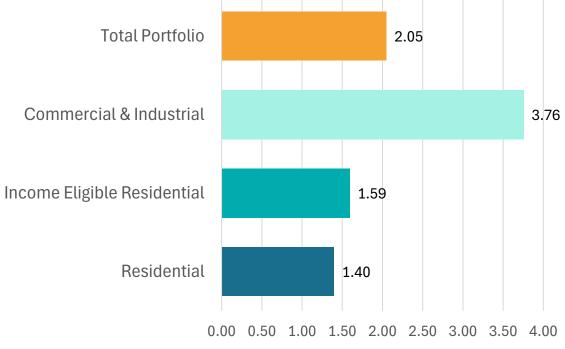
Cost-Effectiveness – Gas Portfolio



Gas portfolio, each sector, and all programs are cost-effective



Rhode Island Test Benefit Cost Ratios by Sector



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Cost of Supply – Hypothetical Example



Cost of Supply

Minus

Cost of Energy Efficiency

Primary Cost of Supply minus Cost of EE analysis includes a full set of benefit categories



This side of the equation includes costs like implementation and shareholder incentive



Per PUC directive, RIE presents a secondary version of the analysis that excludes out-of-state and delivered fuels, resulting in fewer units on this side of the equation



While some categories are excluded on the left side of the equation, RIE has maintained **all** costs on the right side of the equation



Approach warrants a second look to determine what costs of delivering the EE programs should be removed or discounted, and what impact that might have on how cost of supply vs. cost of energy efficiency is viewed in the alternative analysis



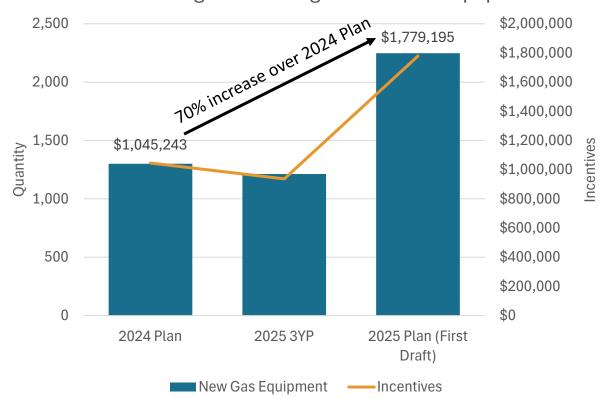
Sector Review

Residential – Gas Equipment

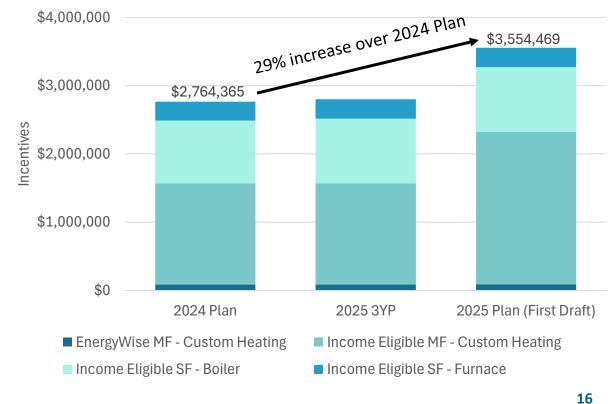


Significant increases in planned incentives for new gas equipment

Gas HVAC Program Heating & Hot Water Equipment



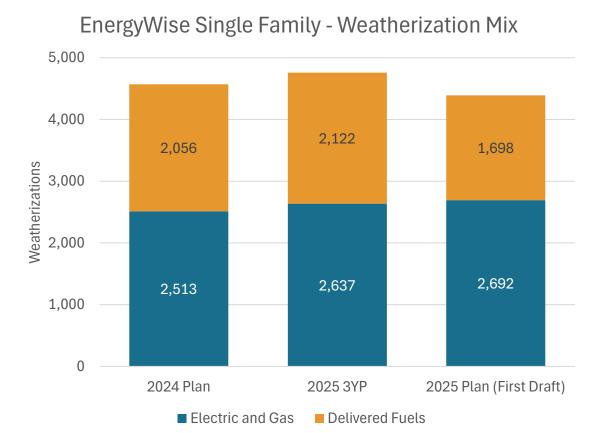
Non-HVAC Program Gas Equipment Incentives

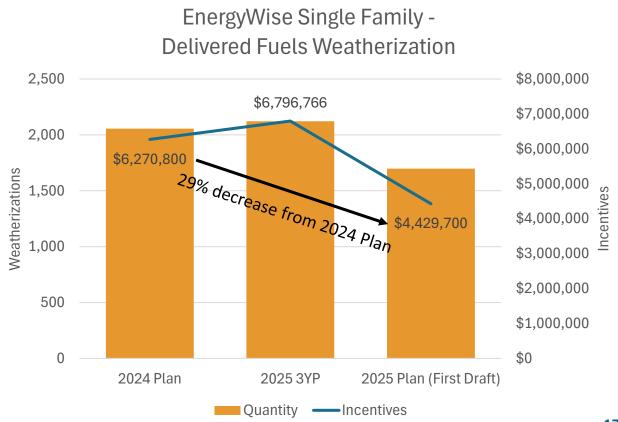


Residential – Weatherization Mix



Significant increases in planned incentives for new gas equipment



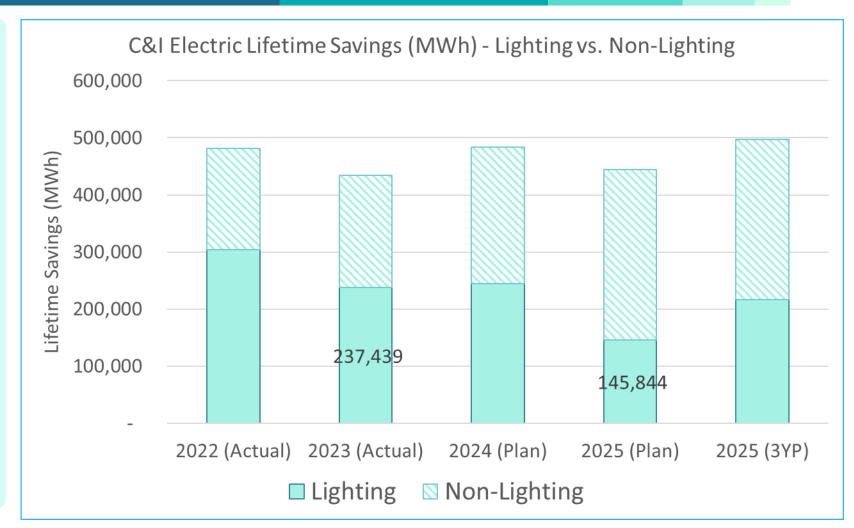


Commercial & Industrial Highlights - Electric



2025 Plan has 2% increase in planned electric savings compared to 2023 actuals, despite estimated impacts of 2025 Mercury Ban.

Decrease in planned lighting savings offset by increased Motors & Drives and Compressed Air measures.

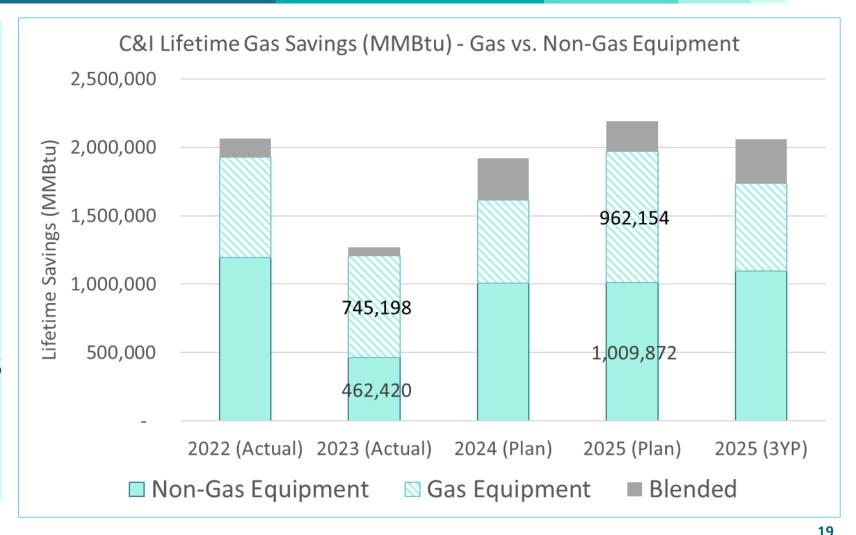


Commercial & Industrial Highlights - Gas



Large increase in planned gas savings relative to 2023 actuals, from all measure categories.

Ability to realize planned savings from these measures relies heavily on Custom projects.





Council Discussion

Council Member Discussion







Appendix

Electric Lifetime MWhs



LIFETIME MWhs

% of 2025 Portfolio	
	8%
	27%
	30%
	6 5%
	7%
2%	
8%	
3%	
16%	
2%	
	1%
3%	
0%	
2%	
	27%
	35%
	100%

Program	2025 Annual Plan (First Draft)
Small Business Direct Install	53,290
Large C&I New Construction	186,494
Large C&I Retrofit	204,315
C&I Total	444,100
Income Eligible Single Family	46,933
Income Eligible Multifamily	10,870
Income Eligible Total	57,803
Residential New Construction	17,174
Residential HVAC	106,742
EnergyWise Single Family	16,940
EnergyWise Multifamily	5,363
Home Energy Reports	22,063
ENERGY STAR® Lighting	0
Residential Consumer Products	16,345
Residential Total	184,626
Residential & Income Eligible Total	242,429
Portfolio Total	686,529

)	2025 Annual Plan (First Draft) Compared to 2023 Actuals		
0	5,448	11%	
4	59,518	47%	
4 5 0 3 4 2 0 5 6 9	-55,425	-21%	
0	9,542	2%	
3	12,462	36%	
כ	4,241	64%	
3	16,703	41%	
4	6,850	66%	
2	8,045	8%	
O	1,344	9%	
3	1,897	55%	
3	-3,869	-15%	
O	0		
5	1,321	9%	
6	15,587	9%	
9	32,290	15%	
7	41,832	6%	

2025 Annual Plan (First Draft) Compared to 2024 Annual Plan		
-6,582	-11%	
5,138	3%	
-38,200	-16%	
-39,644	-8%	
10,092	27%	
-7,647	-41%	
2,445	4%	
1,270	8%	
-6,007	-5%	
1,949	13%	
-2,760	-34%	
-1,296	-6%	
0		
1,022	7%	
-5,821	-3%	
-3,376	-1%	
-43,020	-6%	

2025 Annual Plan (First Draft) Compared to 2025 Three-Year Plan		
-10,038	-16%	
-3,524	-2%	
-39,562	-16%	
-53,123	-11%	
-38	0%	
-2,565	-19%	
-2,603	-4%	
0	0%	
-17,841	-14%	
1,029	6%	
-1,757	-25%	
-1,296	-6%	
0		
545	3%	
-19,320	-9%	
-21,922	-8%	
-75,046	-10%	

Electric Budget



	IMPLEMENTATION BUDGET							
% of 2025 Portfolio	Program	2025 Annual Plan (First Draft)	2025 Annual Pla Draft) Compa 2023 Actu	red to	2025 Annual Pla Draft) Compared Annual Pla	to 2024	2025 Annual Pla Draft) Compa 2025 Three-Ye	red to
9%	Small Business Direct Install	\$7,726,655	\$2,324,355	43%	-\$473,278	-6%	-\$847,496	-10%
9%	Large C&I New Construction	\$7,809,451	\$842,351	12%	-\$1,417,721	-15%	-\$1,935,613	-20%
26%	Large C&I Retrofit	\$21,801,220	-\$4,981,980	-19%	-\$996,638	-4%	-\$1,714,004	-7%
0%	C&I Financing	\$0	-\$2,000,000	-100%	\$0		\$0	
0%	Community Based Initiatives - C&I	\$59,174	\$45,174	323%	\$1,260	2%	-\$288	0%
0%	Commercial Pilots	\$0	\$0		\$0		\$0	
0%	C&I ConnectedSolutions	\$0	-\$5,626,300	-100%	\$0		\$0	
0%	Commercial Workforce Development	\$0	-\$9,300	-100%	-\$74,900	-100%	-\$74,900	-100%
45%	C&I Total	\$37,396,500	-\$9,405,700	-20%	-\$2,961,276	- 7 %	-\$4,572,300	-11%
14%	Income Eligible Single Family	\$11,971,948	-\$1,152,852	-9%	-\$265,428	-2%	-\$1,142,205	-9%
3%	Income Eligible Multifamily	\$2,294,955	\$581,455	34%	-\$1,489,230	-39%	-\$373,056	-14%
0%	Income Eligible Workforce Development	\$0	\$0		\$0		\$0	
17%	Income Eligible Total	\$14,266,904	-\$571,396	-4%	-\$1,754,658	-11%	-\$1,515,262	-10%
2%	Residential New Construction	\$1,631,421	\$625,921	62%	\$318,695	24%	\$132,654	9%
8%	Residential HVAC	\$6,386,068	\$1,204,568	23%	-\$184,607	-3%	-\$696,189	-10%
14%	EnergyWise Single Family	\$11,832,167	-\$3,834,633	-24%	-\$4,445,500	-27%	-\$5,190,465	-30%
1%	EnergyWise Multifamily	\$931,819	\$86,119	10%	-\$360,081	-28%	-\$263,739	-22%
3%	Home Energy Reports	\$2,337,442	\$51,842	2%	\$214,178	10%	\$215,338	10%
0%	ENERGY STAR® Lighting	\$0	\$0		\$0		\$0	
2%	Residential Consumer Products	\$1,914,713	\$101,113	6%	-\$72,712	-4%	-\$118,836	-6%
0%	Energy Efficiency Education	\$0	\$0		\$0		\$0	
0%	Comprehensive Marketing - Residential	\$334,450	-\$2,950	-1%	\$7,944	2%	-\$1,804	-1%
0%	Community Based Initiatives - Residential	\$143,585	\$143,585		\$4,183	3%	\$0	0%
0%	Residential ConnectedSolutions		-\$3,326,000	-100%	\$0		\$0	
0%	Residential Pilots	\$0	\$0		\$0		\$0	
0%	Residential Workforce Development	\$0	\$0		\$0		\$0	
31%	Residential Total	\$25,511,664	-\$4,950,436	-16%	-\$4,517,900	-15%	-\$5,923,041	-19%
48%	Residential & Income Eligible Total	\$39,778,568	-\$5,521,832	-12%	-\$6,272,559	-14%	-\$7,438,303	-16%
1%	EERMC	\$842,542	\$268,042	47%	\$197,430	31%	\$197,430	31%
2%	OER	\$1,263,813	\$372,413	42%	-\$123,924	-9%	-\$372,255	-23%
4%	Rhode Island Infrastructure Bank	\$3,682,408	-\$55,092	-1%	-\$55,092	-1%	-\$55,092	-1%
7%	Regulatory Total	\$5,788,762	\$585,362	11%	\$18,414	0%	-\$229,917	-4%
100%	Portfolio Total	\$82,963,830	-\$14,342,170	-15%	-\$9,215,421	-10%	-\$12,240,521	-13%

Electric Lifetime Cost to Achieve (\$/kWh)

2025 Annual Plan (First Draft) Compared to 2023 Actuals

\$0.03

-\$0.01

\$0.00 **-\$0.02**

-\$0.13

-\$0.05

-\$0.11

\$0.00 \$0.01

-\$0.31

-\$0.07

\$0.02

\$0.00

-\$0.04

-\$0.05

-\$0.03

28%

-24%

-22%

-33%

-18%

-32%

14%

-30%

-29%

20%

-3%

-23%

-24%

-20%



\$/LIFETIME kWh

Program	2025 Annual Plan (First Draft)
Small Business Direct Install	\$0.14
Large C&I New Construction	\$0.04
Large C&I Retrofit	\$0.11
C&I Total	\$0.08
Income Eligible Single Family	\$0.26
Income Eligible Multifamily	\$0.21
Income Eligible Total	\$0.25
Residential New Construction	\$0.09
Residential HVAC	\$0.06
EnergyWise Single Family	\$0.70
EnergyWise Multifamily	\$0.17
Home Energy Reports	\$0.11
ENERGY STAR® Lighting	
Residential Consumer Products	\$0.12
Residential Total	\$0.14
Residential & Income Eligible Total	\$0.16
Portfolio Total	\$0.12

(First Dr Compared t	2025 Annual Plan (First Draft) Compared to 2024 Annual Plan		
\$0.01	6%		
-\$0.01	-18%		
\$0.01	14%		
\$0.00	1%		
-\$0.08	-23%		
\$0.01	3%		
-\$0.04	-15%		
\$0.01	15%		
\$0.00	3%		
-\$0.39	-36%		
\$0.01	9%		
\$0.02	17%		
\$0.00			
-\$0.01	-10%		
-\$0.02	-12%		
-\$0.02	-12%		
-\$0.01	-4%		

2025 Annual Plan (First Draft) Compared to 2025 Three-Year Plan		
\$0.01	7%	
-\$0.01	-18%	
\$0.01	11%	
\$0.00	0%	
-\$0.02	-9%	
\$0.01	6%	
-\$0.01	-6%	
\$0.01	9%	
\$0.00	5%	
-\$0.37	-35%	
\$0.01	3%	
\$0.02	17%	
\$0.00		
-\$0.01	-9%	
-\$0.02	-10%	
-\$0.01	-8%	
\$0.00	-3%	

Gas Lifetime MMBtus



LIFETIME MMBtus

% of 2025 Portfolio	
	29%
	26%
	3%
	2%
	60%
	3%
	3%
	7%
	10%
	17%
	2%
2%	
2%	
	34%
40%	
	100%

Program	2025 Annual Plan (First Draft)
Large C&I New Construction	1,066,923
Large C&I Retrofit	953,812
Small Business Direct Install	108,406
C&I Multifamily	62,484
C&I Total	2,191,625
Income Eligible Single Family	121,326
Income Eligible Multifamily	120,390
Income Eligible Total	241,716
Residential HVAC	371,903
EnergyWise Single Family	638,879
EnergyWise Multifamily	75,131
Home Energy Reports	77,320
Residential New Construction	74,240
Residential Total	1,237,473
Residential & Income Eligible Total	1,479,189
Portfolio Total	3,670,815

2025 Annual Plan (First Draft) Compared to 2023 Actuals		
377,621	55%	
261,840	38%	
25,449	31%	
-6,475	-9%	
658,435	43%	
-6,496	-5%	
-74,539	-38%	
-81,035	-25%	
-61,244	-14%	
114,213	22%	
47,202	169%	
-28,988	-27%	
16,937	30%	
88,120	8%	
7,085	0%	
665,521	22%	

2025 Annual Plan (First Draft) Compared to 2024 Annual Plan				
409,363	62%			
-121,354	-11%			
-10,249	-9%			
-3,124	-5%			
274,635	14%			
0	0%			
-45,766	-28%			
-45,766	-16%			
152,605	70%			
25,236	4%			
-29,108	-28%			
-8,343	-10%			
913	1%			
141,302	13%			
95,536	7%			
370,171	11%			

2025 Annual Plan (First Draft) Compared to 2025 Three-Year Plan					
363,902	52%				
-225,285	-19%				
-10,249	-9%				
1,693	3%				
130,061	6%				
0	0%				
-39,991	-25%				
-39,991	-14%				
167,460	82%				
0	0%				
-24,522	-25%				
-8,343	-10%				
0	0%				
134,595	12%				
94,603	7%				
224,664	7%				
·	·				

Gas Budget



IMPL	F٨	VEVI.	ГΔТ	ION	RHI	GFT

% of 2025 Portfolio	Program	2025 Annual Plan (First Draft)		2025 Annual Plan (First Draft) Compared to 2023 Actuals		Draft) Compared to		Draft) Compared to		Draft) Compared to		Draft) Compared to Draft) Cor		2025 Annual Plan (First Draft) Compared to 2024 Annual Plan		2025 Annual Plan (First Draft) Compared to 2025 Three-Year Plan	
6%	Large C&I New Construction	\$2,165,684		-\$1,746,816	-45%	-\$70,691	-3%	-\$166,650	-7%								
13%	Large C&I Retrofit	\$4,759,206		\$2,100,806	79%	\$282,676	6%	\$89,504	2%								
2%	Small Business Direct Install	\$619,034		\$310,734	101%	-\$138,308	-18%	-\$144,915	-19%								
2%	C&I Multifamily	\$861,424		\$179,424	26%	-\$18,397	-2%	\$33,706	4%								
0%	Comprehensive Marketing - Commercial and Industrial	\$0		\$0		\$0		\$0									
0%	Commercial Pilots	\$0		-\$64,100	-100%	\$0		\$0									
0%	Finance Costs	\$0		\$0		\$0		\$0									
0%	Community Based Initiatives - C&I	\$19,642		\$11,842	152%	\$15,943	431%	\$15,893	424%								
4%	Rhode Island Infrastructure Bank	\$1,317,592		\$55,092	4%	\$55,092	4%	\$55,092	4%								
0%	Commercial Workforce Development	\$0		-\$3,600	-100%	-\$32,100	-100%	-\$32,100	-100%								
28%	C&I Total	\$9,742,582		\$843,382	9%	\$94,215	1%	-\$149,470	-2%								
13%	Income Eligible Single Family	\$4,627,733		\$188,333	4%	\$118,315	3%	\$10,432	0%								
8%	Income Eligible Multifamily	\$2,905,944		-\$10,356	0%	-\$170,568	-6%	-\$126,728	-4%								
0%	Income Eligible Workforce Development	\$0	ı	\$0		\$0		\$0									
21%	Income Eligible Total	\$7,533,677		\$177,977	2%	-\$52,254	-1%	-\$116,296	-2%								
6%	Residential HVAC	\$2,290,560		-\$590,640	-20%	\$774,461	51%	\$888,297	63%								
36%	EnergyWise Single Family	\$12,837,015		\$5,014,115	64%	\$1,752,689	16%	\$1,329,367	12%								
2%	EnergyWise Multifamily	\$855,250		\$415,650	95%	-\$584,445	-41%	-\$523,026	-38%								
1%	Home Energy Reports	\$393,228		\$14,728	4%	\$38,327	11%	\$38,455	11%								
2%	Residential New Construction	\$628,993		-\$108,707	-15%	\$49,142	8%	\$12,051	2%								
0%	Comprehensive Marketing - Residential	\$85,000	ı	\$13,400	19%	\$5,330	7%	\$2,942	4%								
0%	Residential Pilots	\$0	ı	\$0		\$0		\$0									
0%	Community Based Initiatives - Residential	\$47,862		\$47,862		\$1,395	3%	\$0	0%								
0%	Residential Workforce Development	\$0		\$0		\$0		\$0									
49%	Residential Total	\$17,137,908		\$4,806,408	39%	\$2,036,898	13%	\$1,748,084	11%								
70%	Residential & Income Eligible Total	\$24,671,585		\$4,984,385	25%	\$1,984,644	9%	\$1,631,789	7%								
1%	EERMC	\$356,604		-\$27,096	-7%	\$10,716	3%	\$10,716	3%								
2%	OER	\$534,906		-\$60,394	-10%	-\$107,931	-17%	-\$93,839	-15%								
3%	Regulatory Total	\$891,510		-\$87,490	-9%	-\$97,215	-10%	-\$83,123	-9%								
100%	Portfolio Total	\$35,305,677		\$5,740,277	19%	\$1,981,644	6%	\$1,399,196	4%								

Gas Lifetime Cost to Achieve (\$/MMBtu)



\$/LIFETIME MMBtu

Program	2025 Annual Plan (First Draft)
Large C&I New Construction	\$2.03
Large C&I Retrofit	\$4.99
Small Business Direct Install	\$5.71
C&I Multifamily	\$13.79
C&I Total	\$4.45
Income Eligible Single Family	\$38.14
Income Eligible Multifamily	\$24.14
Income Eligible Total	\$31.17
Residential HVAC	\$6.16
EnergyWise Single Family	\$20.09
EnergyWise Multifamily	\$11.38
Home Energy Reports	\$5.09
Residential New Construction	\$8.47
Residential Total	\$13.85
Residential & Income Eligible Total	\$16.68
Portfolio Total	\$9.62

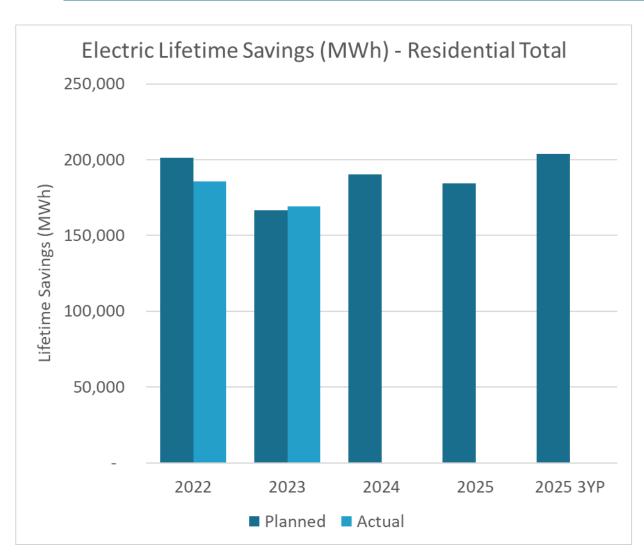
2025 Annual Plan (First Draft) Compared to 2023 Actuals				
-\$3.65	-64%			
\$1.15	30%			
\$1.99	54%			
\$3.90	39%			
-\$1.36	-23%			
\$3.41	10%			
\$9.18	61%			
\$8.38	37%			
-\$0.49	-7%			
\$5.18	35%			
-\$4.36	-28%			
\$1.53	43%			
-\$4.40	-34%			
\$3.12	29%			
\$3.31	25%			
-\$0.22	-2%			

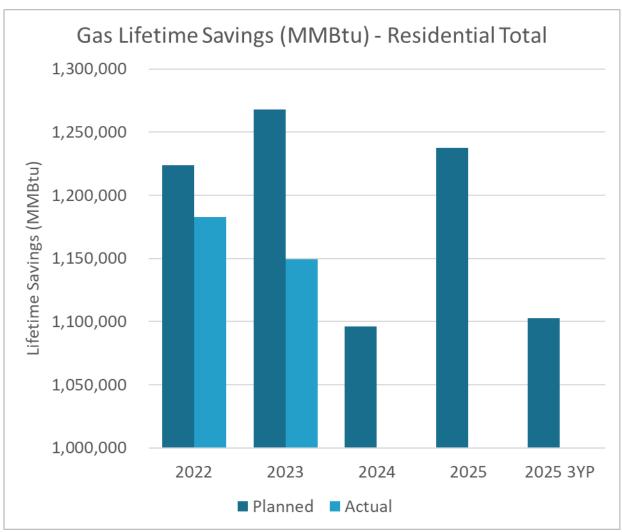
2025 Annual				
Plan (First Draft)				
Compared to 2024 Annual				
Pla				
-\$1.37	-40%			
\$0.83	20%			
-\$0.67	-11%			
\$0.38	3%			
-\$0.59	-12%			
\$0.98	3%			
\$5.62	30%			
\$4.78	18%			
-\$0.75	-11%			
\$2.03	11%			
-\$2.43	-18%			
\$0.94	23%			
\$0.56	7%			
\$0.07	1%			
\$0.28	2%			
-\$0.48	-5%			

2025 Annual Plan				
(First Draft)				
Compar	ed to			
2025 Thre	e-Year			
Plar	1			
-\$1.29	-39%			
\$1.03	26%			
-\$0.73	-11%			
\$0.17	1%			
-\$0.35	-7%			
\$0.09	0%			
\$5.23	28%			
\$4.01	15%			
-\$0.70	-10%			
\$2.08	12%			
-\$2.45	-18%			
\$0.94	23%			
\$0.16	2%			
-\$0.11	-1%			
\$0.04	0%			
-\$0.22	-2%			

Residential Lifetime Savings

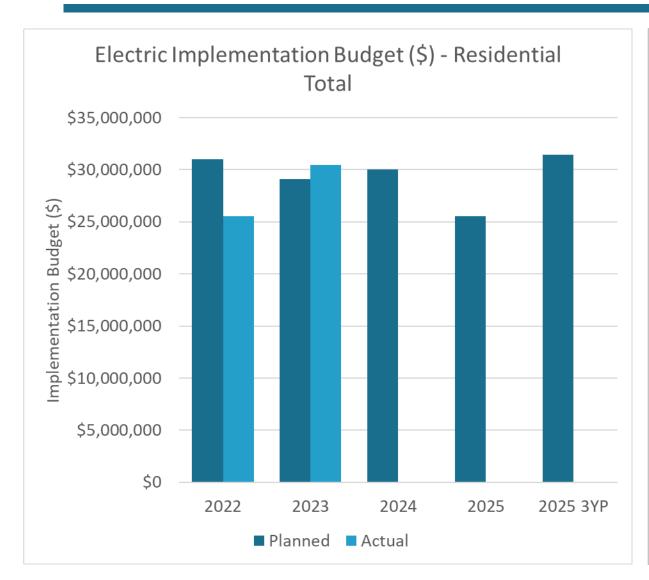


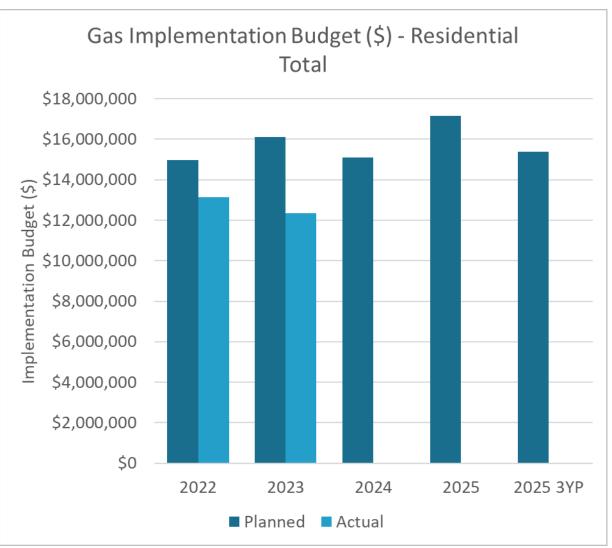




Residential Implementation Budget

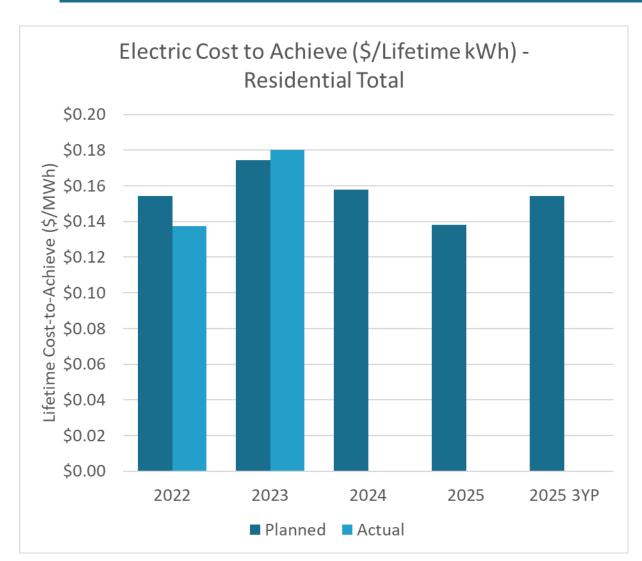


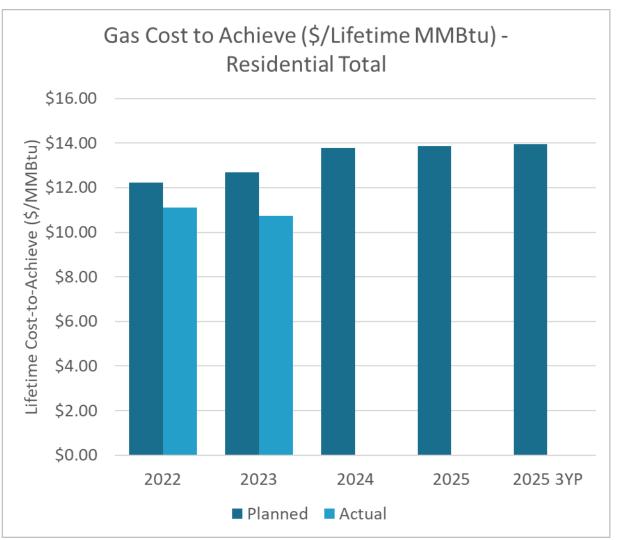




Residential Lifetime Cost-to-Achieve

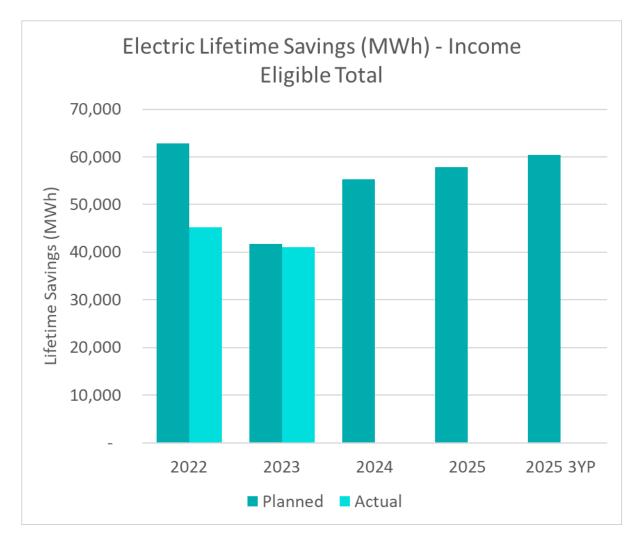


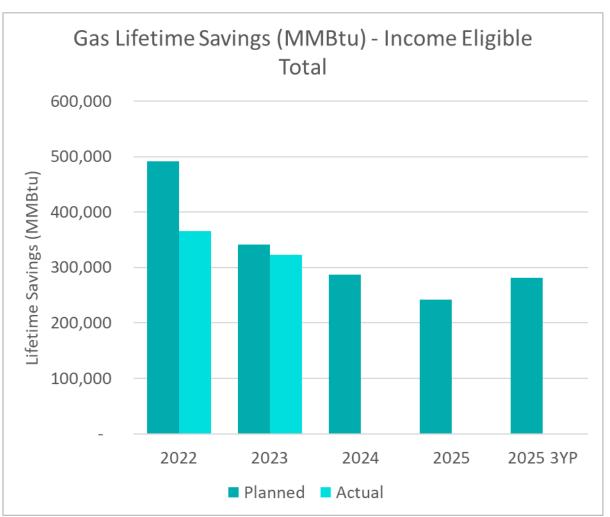




Income Eligible Lifetime Savings

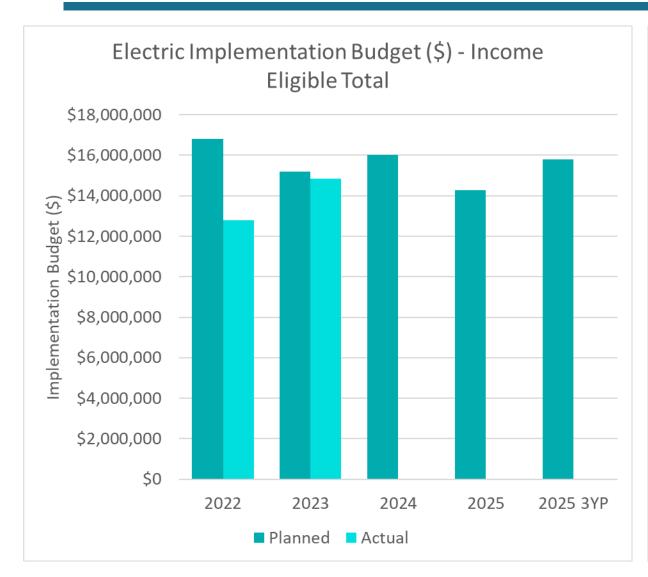


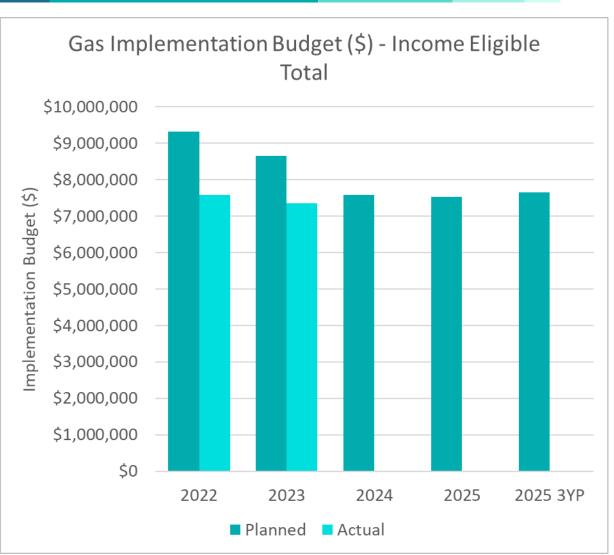




Income Eligible Implementation Budget

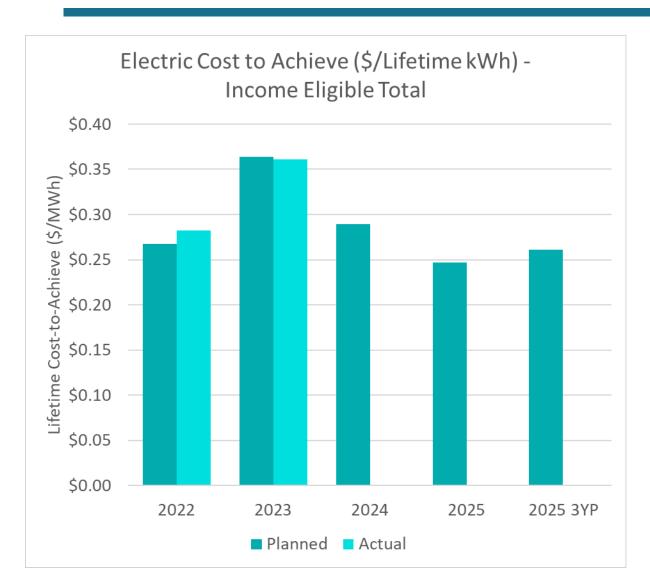


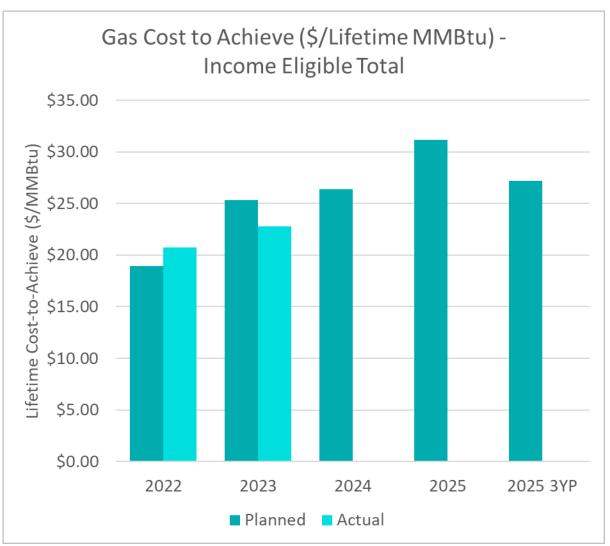




Income Eligible Lifetime Cost-to-Achieve

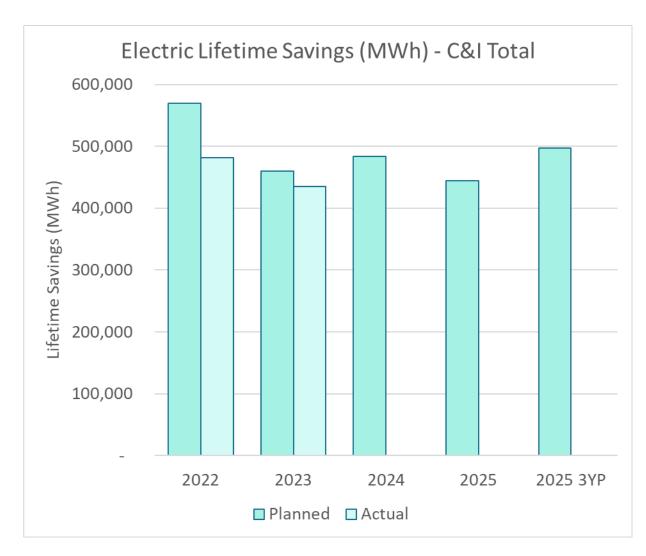


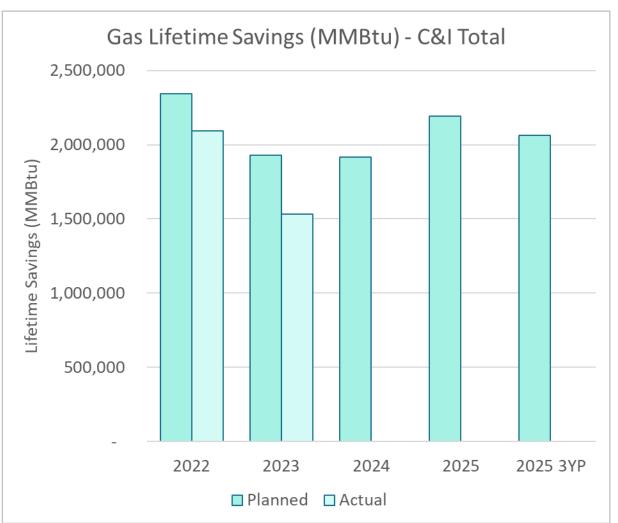




C&I Lifetime Savings

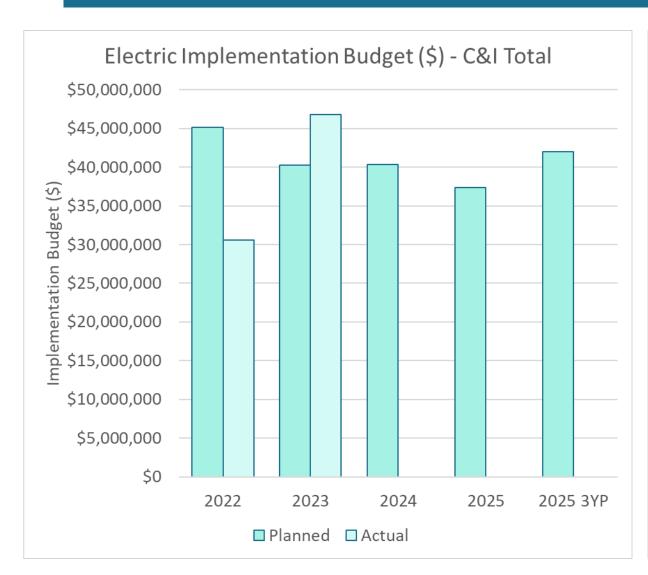


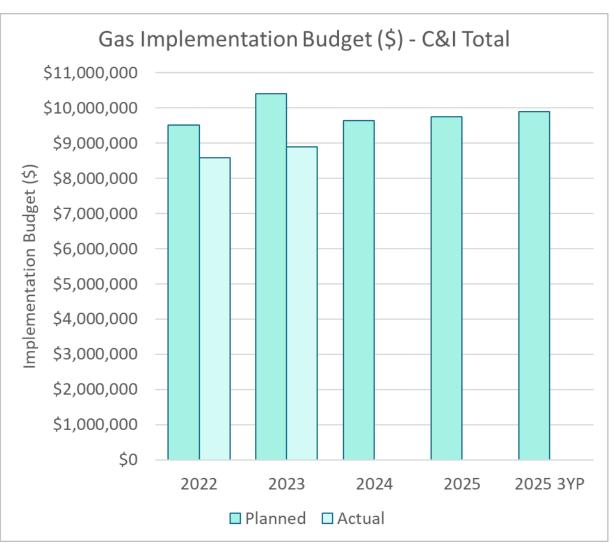




C&I Implementation Budget







C&I Lifetime Cost-to-Achieve



