

**Rhode Island Energy™**  
a PPL company

# 2024 Program Implementation Update

Consultant Team & Rhode Island Energy Presentation

**Date:** November 21, 2024

# Outline



Portfolio Performance

Commercial & Industrial (C&I) Sector Highlights

Residential & Income Eligible Sector Highlights

Council Discussion

# Savings Estimation Approach



RI Energy (RIE) has been transitioning to a new data tracking and reporting platform during the past 6 months

RIE shared preliminary program-level spending through Q3 2024 but is still unable to develop program savings reports

The C-Team applied program-level spending to the planned 2024 cost-to-achieve to **estimate savings** through Q3 2024

- Cost-to-achieve represents the cost per unit of lifetime electric or gas energy savings (\$/Lifetime kWh or \$/Lifetime MMBtu)



# Portfolio Performance

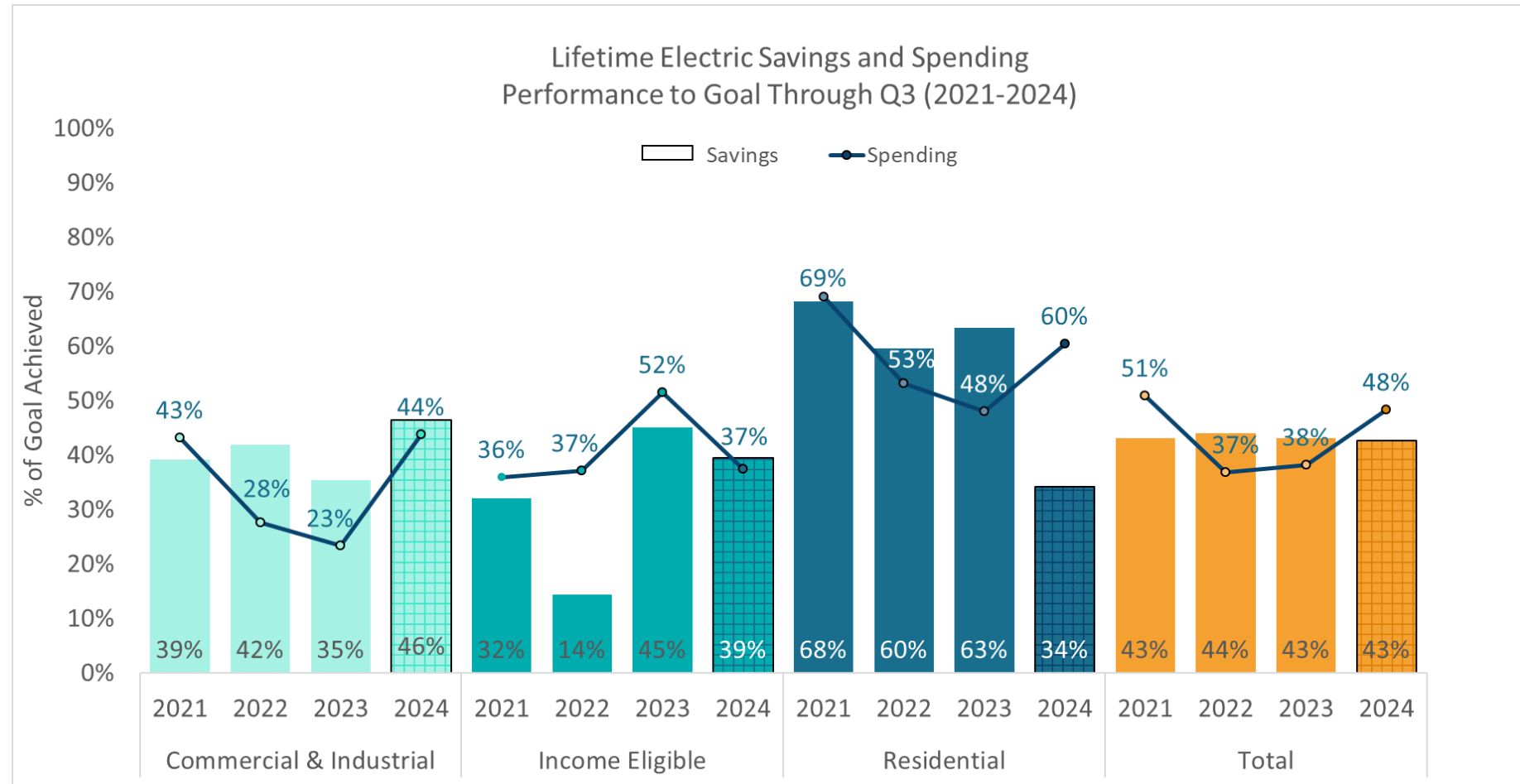
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## Overview of Electric and Gas Portfolio

# Electric Performance



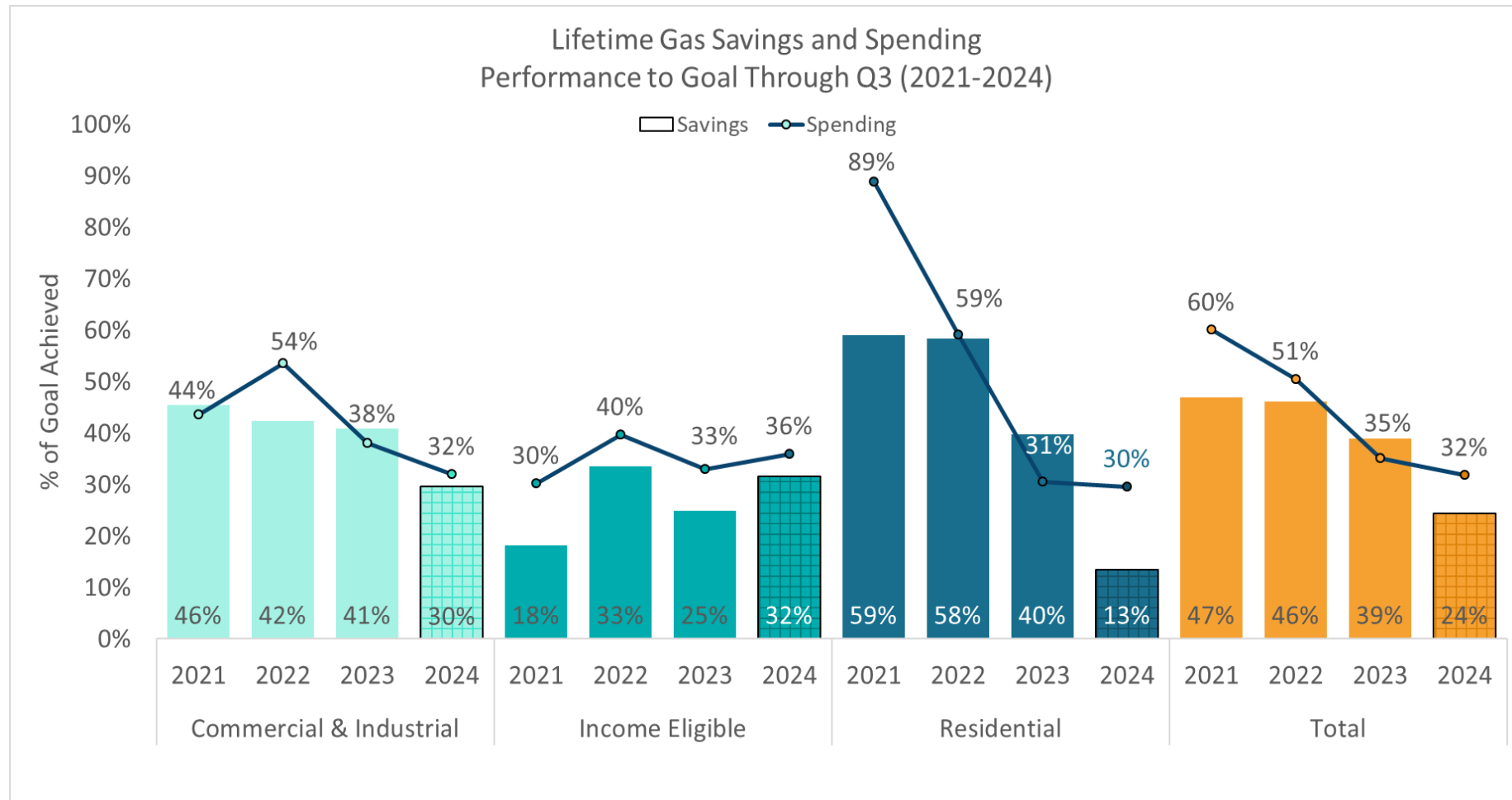
Estimated electric portfolio performance through Q3 is comparable to prior years but behind estimated pace required to meet lifetime savings goal.



# Gas Performance



Estimated gas portfolio performance is lower than prior years and behind estimated pace required to meet lifetime savings and spending goals.





# Commercial & Industrial (C&I) Sector Highlights

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## Commercial & Industrial Performance

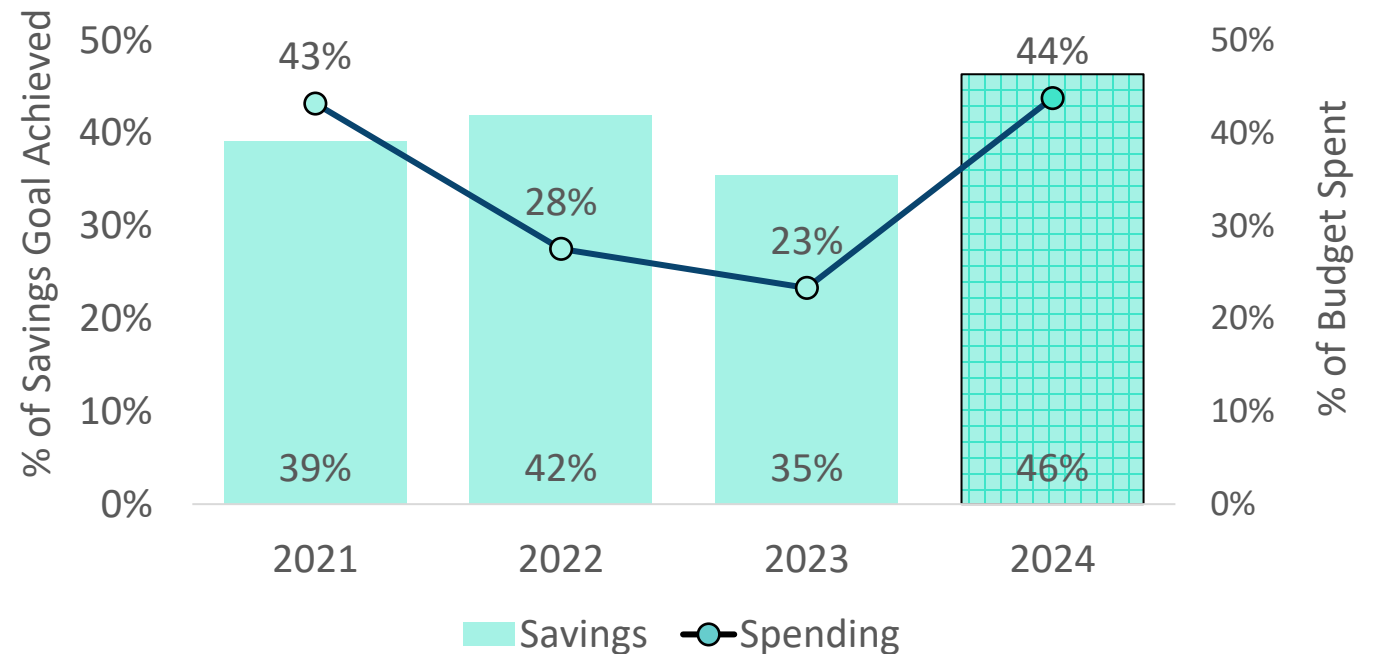
# Electric C&I Performance



## RIE Highlights & Key Drivers

- Retrofit program forecasting close to Year End savings goal
  - Accounts for 50% of sector target
- Small Business program forecasting close to Year End savings goal
- **New Construction pipeline:** 206 projects representing more than 10,000,000 sq. ft.
- **Gap closers:** enhanced incentives, building analytics program, customer webinars

Commercial & Industrial Sector Total - Lifetime Electric Savings and Spending Performance to Goal Through Q3 (2021-2024)





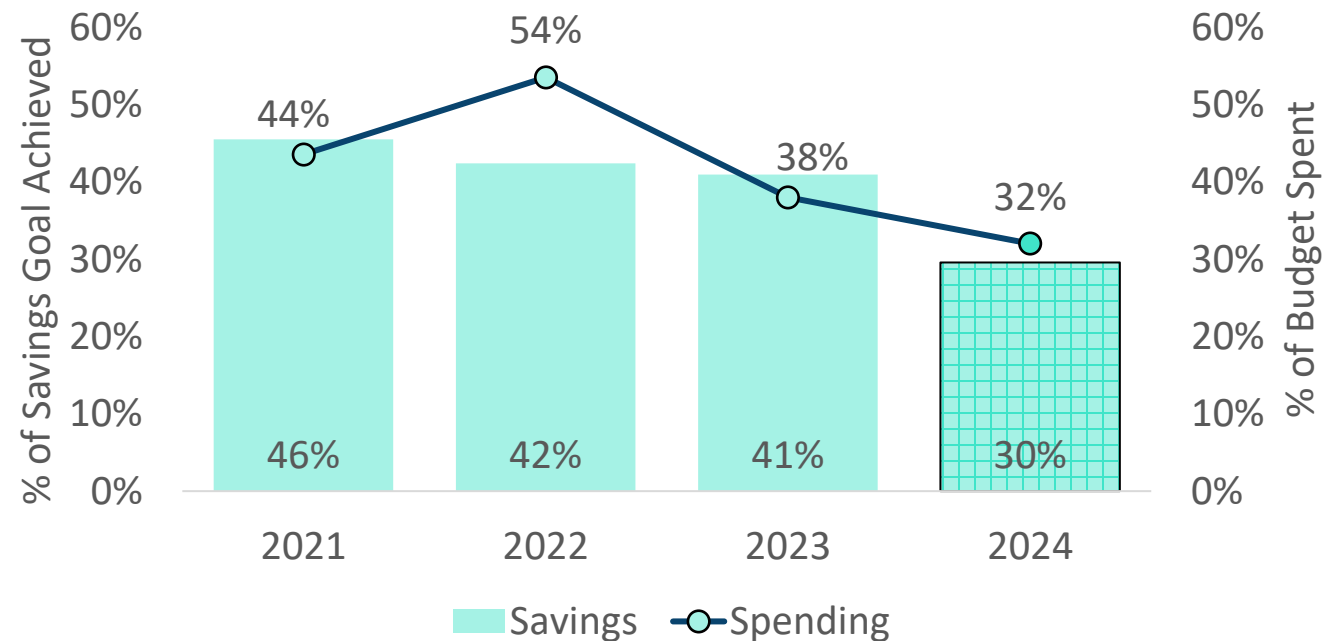
# Gas C&I Performance



## RIE Highlights & Key Drivers

- Gas performance forecasting lower than electric, but still showing strong savings
  - Expect savings increases as projects are updated in new tracking system
- **Gap closers:** Summer Steam Trap Initiative, Heat Exchanger Initiative
- RIE Strategic Energy Management Program (“SEMP”) wins ACEEE’s Leaders of the Pack Award
- Small Business program raising awareness among MWBEs

Commercial & Industrial Sector Total - Lifetime Gas Savings and Spending Performance to Goal Through Q3 (2021-2024)





# Residential & Income Eligible Sector Highlights

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## Income Eligible Performance

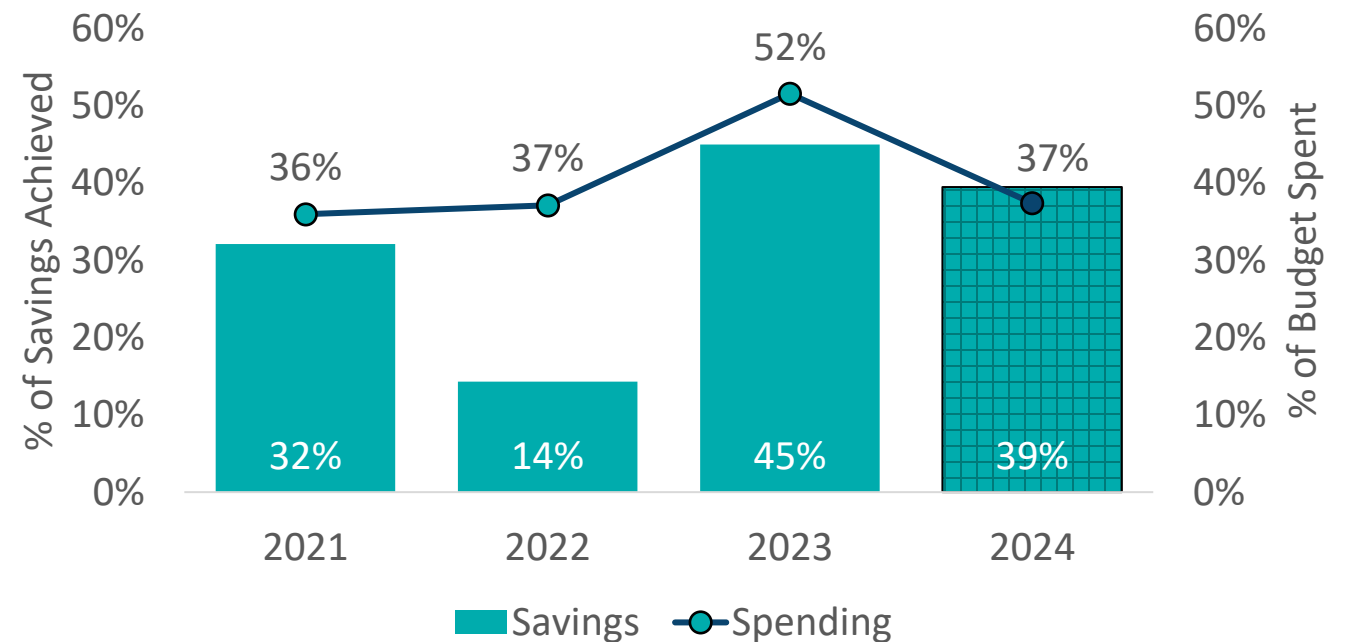
# Electric Income Eligible Performance



## RIE Highlights & Key Drivers

- **Single Family:**
  - Forecasting to meet or exceed spending goal based on invoices from CAPs
  - Observed uptick in demand for heat pumps over the summer
  - Appliance program re-vamp successful
- **Multifamily:**
  - Continued focus on outreach tactics: housing authorities and lead vendor marketing

Income Eligible Sector Total - Lifetime Electric Savings and Spending Performance to Goal Through Q3 (2021-2024)



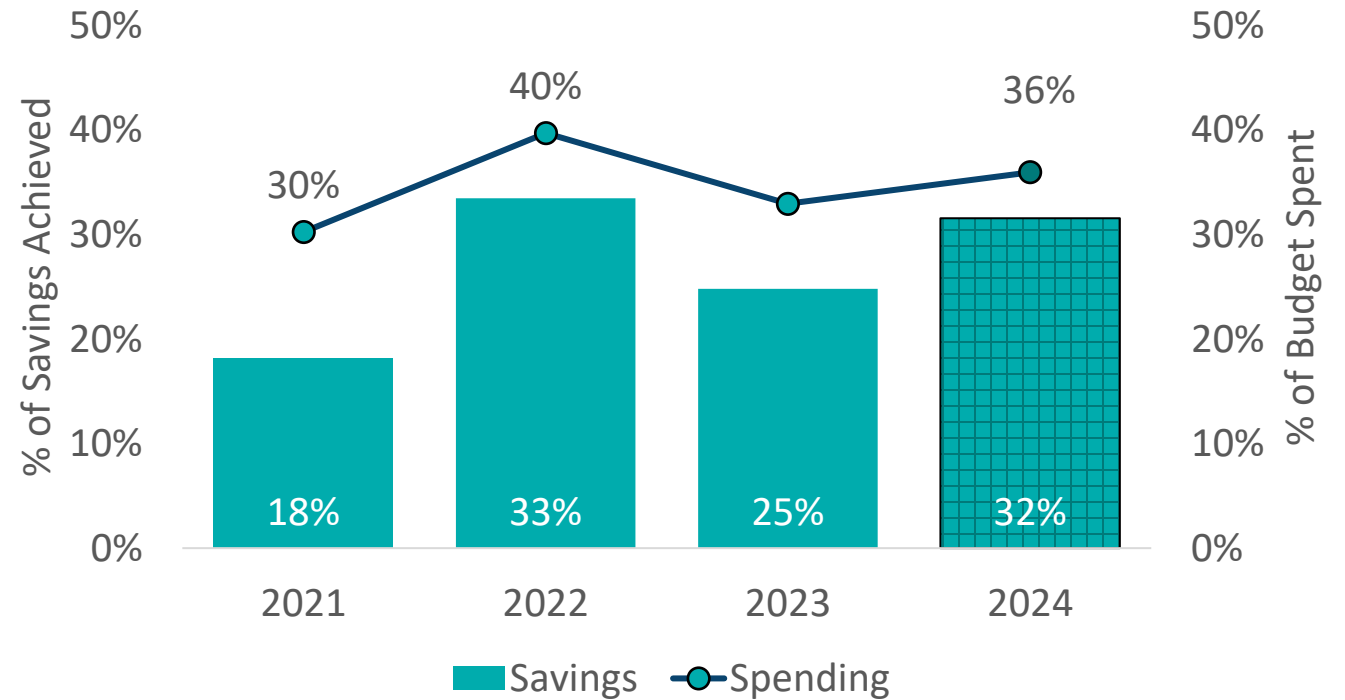
# Gas Income Eligible Performance

## RIE Highlights & Key Drivers

- Single Family performance following similar trajectory to Electric
- Multifamily forecasted to exceed savings/spend goal due to housing authority projects
- Olneyville Resilience Hub Block Party:



Income Eligible Sector Total - Lifetime Gas Savings and Spending Performance to Goal Through Q3 (2021-2024)





# Residential & Income Eligible Sector Highlights

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## Residential Performance

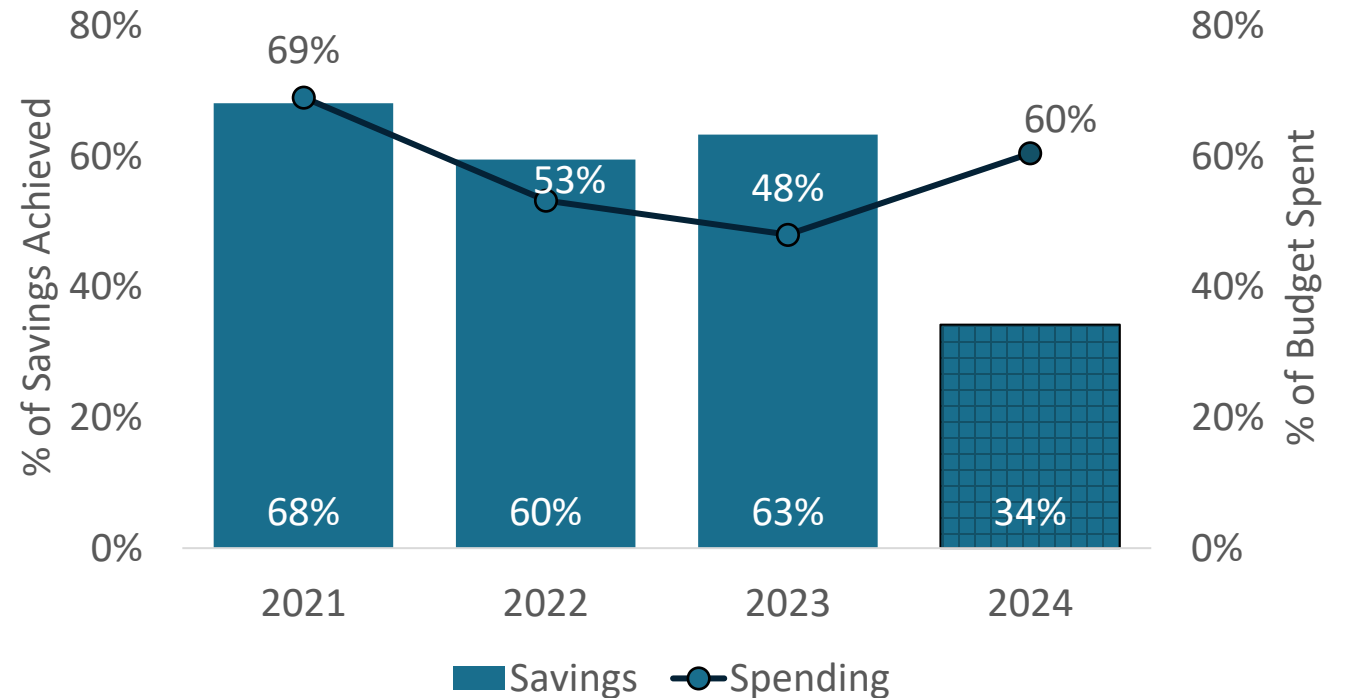
# Electric Residential Performance



## RIE Highlights & Key Drivers

- EnergyWise Single Family program expected to meet or exceed goal
  - Strong conversion rates driven by customer incentives and skilled workforce
- New Construction seeing a 50% Year over Year increase in completed units compared to 2023
  - Many Multifamily affordable housing projects
- HVAC program expected to come close to savings goal by end of year
  - Launched several campaigns over summer to promote installation of heat pumps

Residential Sector Total - Lifetime Electric Savings and Spending Performance to Goal Through Q3 (2021-2024)

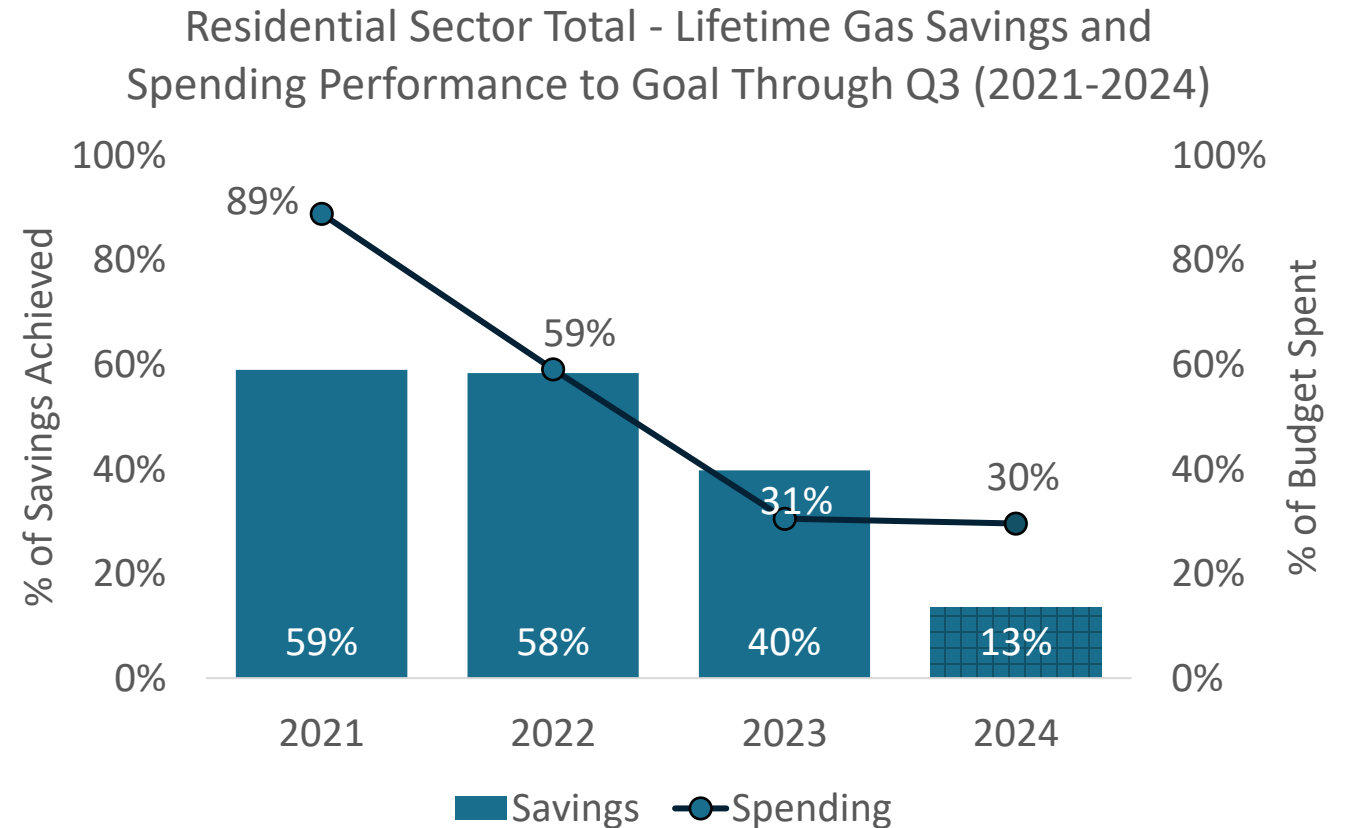


# Gas Residential Performance



## RIE Highlights & Key Drivers

- HVAC and EnergyWise Single Family programs forecasting at or close to Year End savings and spend target
  - Account for 76% of savings and 83% of spend targets
- Landlord outreach and listening sessions continue with success
  - Strong turnout and resulting audit requests
  - Expanding to new communities
- New Construction program wins ACEEE's Exemplary Program Award





# Council Discussion

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# Council Member Discussion



- Are there programs that the Company is not expecting to meet its goal for?
- Do you have any questions about program results that weren't covered today?
- How do the highlights and key drivers of performance impact the outlook on achieving year-end goals?
- Do you have any questions for the C-Team or Rhode Island Energy?



# Appendix

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# Electric Program Performance Estimates



Program	2024 Plan Budget	Year-to-Date Spending	Actual Spending to Goal (%)	Estimated Performance Required to Meet Goal (through September)	% Delta (Actual Spend vs. Target)
Income Eligible Multifamily	\$3,784,185	\$827,638	22%	\$761,338	9%
Single Family - Income Eligible Services	\$12,237,377	\$5,161,126	42%	\$7,310,390	-29%
<b>Income Eligible Sector Total</b>	<b>\$16,021,562</b>	<b>\$5,988,764</b>	<b>37%</b>	<b>\$8,071,728</b>	<b>-26%</b>
ENERGY STAR® HVAC	\$6,570,675	\$2,269,878	35%	\$3,261,438	-30%
Residential New Construction	\$1,312,726	\$633,334	48%	\$1,106,515	-43%
EnergyWise	\$16,277,667	\$12,413,388	76%	\$9,143,433	36%
EnergyWise Multifamily	\$1,291,899	\$272,671	21%	\$724,471	-62%
Home Energy Reports	\$2,123,264	\$1,540,016	73%	\$1,573,016	-2%
Residential Consumer Products	\$1,987,425	\$739,464	37%	\$1,593,898	-54%
<b>Residential Sector Total</b>	<b>\$29,563,656</b>	<b>\$17,868,751</b>	<b>60%</b>	<b>\$17,402,771</b>	<b>3%</b>
Large Commercial New Construction	\$9,227,173	\$2,388,413	26%	\$4,443,316	-46%
Large Commercial Retrofit	\$22,797,857	\$13,070,058	57%	\$9,127,650	43%
Small Business Direct Install	\$8,199,932	\$2,145,492	26%	\$4,086,260	-47%
<b>C&amp;I Sector Total</b>	<b>\$40,224,962</b>	<b>\$17,603,963</b>	<b>44%</b>	<b>\$17,657,226</b>	<b>0%</b>
<b><i>Electric Portfolio Total</i></b>	<b>\$85,810,181</b>	<b>\$41,461,479</b>	<b>48%</b>	<b>\$43,131,725</b>	<b>-4%</b>

Year-to-Date estimate is below estimated performance required to meet goal

Year-to-Date estimate exceeds estimated performance required to meet goal



# Electric Program Performance Estimates



Program	2024 Plan Lifetime Savings (MWh)	Estimated Year-to-Date Lifetime Savings	Estimated Lifetime Savings to Goal (%)	Estimated Performance Required to Meet Goal (through September)	% Delta (Estimated Savings vs. Target)
Income Eligible Multifamily	18,518	4,594	25%	2,052	124%
Single Family - Income Eligible Services	36,840	16,055	44%	20,697	-22%
<b>Income Eligible Sector Total</b>	<b>55,358</b>	<b>21,841</b>	<b>39%</b>	<b>22,750</b>	<b>-4%</b>
ENERGY STAR® HVAC	112,749	47,919	43%	74,283	-35%
Residential New Construction	15,904	6,327	40%	10,073	-37%
EnergyWise	14,991	11,940	80%	8,664	38%
EnergyWise Multifamily	8,122	1,651	20%	3,523	-53%
Home Energy Reports	23,359	16,764	72%	19,653	-15%
Residential Consumer Products	15,323	4,552	30%	9,518	-52%
<b>Residential Sector Total</b>	<b>190,448</b>	<b>65,167</b>	<b>34%</b>	<b>125,715</b>	<b>-48%</b>
Large Commercial New Construction	181,356	52,381	29%	96,902	-46%
Large Commercial Retrofit	242,515	142,932	59%	102,253	40%
Small Business Direct Install	59,873	17,009	28%	35,517	-52%
<b>C&amp;I Sector Total</b>	<b>483,744</b>	<b>224,114</b>	<b>46%</b>	<b>234,672</b>	<b>-4%</b>
<b>Electric Portfolio Total</b>	<b>729,550</b>	<b>311,123</b>	<b>43%</b>	<b>383,137</b>	<b>-19%</b>

Year-to-Date estimate is below estimated performance required to meet goal

Year-to-Date estimate exceeds estimated performance required to meet goal



# Gas Program Performance Estimates



Program	2024 Plan Budget	Year-to-Date Spending	Actual Spending to Goal (%)	Estimated Performance Required to Meet Goal (through September)	% Delta (Actual Spend vs. Target)
Income Eligible Multifamily	\$3,076,512	\$566,746	18%	\$2,106,750	-73%
Single Family - Income Eligible Services	\$4,509,419	\$2,161,781	48%	\$3,557,075	-39%
<b>Income Eligible Sector Total</b>	<b>\$7,585,931</b>	<b>\$2,728,527</b>	<b>36%</b>	<b>\$5,663,825</b>	<b>-52%</b>
ENERGY STAR® HVAC	\$1,516,099	\$801,653	53%	\$2,191,532	-63%
Residential New Construction	\$579,851	\$381,094	66%	\$390,011	-2%
EnergyWise	\$11,084,326	\$2,804,664	25%	\$5,634,820	-50%
EnergyWise Multifamily	\$1,439,695	\$184,323	13%	\$759,243	-76%
Home Energy Reports	\$354,901	\$259,536	73%	\$297,740	-13%
<b>Residential Sector Total</b>	<b>\$14,974,873</b>	<b>\$4,431,270</b>	<b>30%</b>	<b>\$9,273,346</b>	<b>-52%</b>
Large Commercial New Construction	\$2,236,375	\$785,840	35%	\$1,834,419	-57%
Large Commercial Retrofit	\$4,476,530	\$1,006,986	22%	\$2,730,781	-63%
Small Business Direct Install	\$757,343	\$399,841	53%	\$348,323	15%
Commercial & Industrial Multifamily	\$879,821	\$480,312	55%	\$359,619	34%
<b>C&amp;I Sector Total</b>	<b>\$8,350,068</b>	<b>\$2,672,979</b>	<b>32%</b>	<b>\$5,273,142</b>	<b>-49%</b>
<b>Gas Portfolio Total</b>	<b>\$30,910,872</b>	<b>\$9,832,775</b>	<b>32%</b>	<b>\$20,210,313</b>	<b>-51%</b>

Year-to-Date estimate is below estimated performance required to meet goal █

Year-to-Date estimate exceeds estimated performance required to meet goal █

# Gas Program Performance Estimates



Program	2024 Plan Lifetime Savings (MMBtu)	Estimated Year-to-Date Lifetime Savings	Estimated Lifetime Savings to Goal (%)	Estimated Performance Required to Meet Goal (through September)	% Delta (Estimated Savings vs. Target)
Income Eligible Multifamily	166,156	29,286	18%	25,737	14%
Single Family - Income Eligible Services	121,326	48,311	40%	77,696	-38%
<b>Income Eligible Sector Total</b>	<b>287,482</b>	<b>90,741</b>	<b>32%</b>	<b>103,433</b>	<b>-12%</b>
ENERGY STAR® HVAC	219,298	49,012	22%	125,683	-61%
Residential New Construction	73,327	44,962	61%	36,929	22%
EnergyWise	613,643	174,318	28%	348,641	-50%
EnergyWise Multifamily	104,240	12,935	12%	37,113	-65%
Home Energy Reports	85,663	61,671	72%	68,550	-10%
<b>Residential Sector Total</b>	<b>1,096,171</b>	<b>147,368</b>	<b>13%</b>	<b>616,916</b>	<b>-76%</b>
Large Commercial New Construction	657,560	183,328	28%	397,106	-54%
Large Commercial Retrofit	1,075,167	233,356	22%	514,941	-55%
Small Business Direct Install	118,655	68,775	58%	51,974	32%
Commercial & Industrial Multifamily	65,609	35,358	54%	22,039	60%
<b>C&amp;I Sector Total</b>	<b>1,916,991</b>	<b>566,864</b>	<b>30%</b>	<b>986,059</b>	<b>-43%</b>
<b><i>Gas Portfolio Total</i></b>	<b>3,300,644</b>	<b>804,973</b>	<b>24%</b>	<b>1,706,408</b>	<b>-53%</b>

Year-to-Date estimate is below estimated performance required to meet goal █

Year-to-Date estimate exceeds estimated performance required to meet goal █