



STATE OF RHODE ISLAND

ENERGY EFFICIENCY & RESOURCE MANAGEMENT COUNCIL

CONSULTANT TEAM

nationalgrid

2021 Third Quarter Results Update

Presented to the EERMC By:
EERMC Consulting Team
National Grid

Date: November 18, 2021





Outline

Program Performance and Forecast

Consultant Team Select Program Highlights

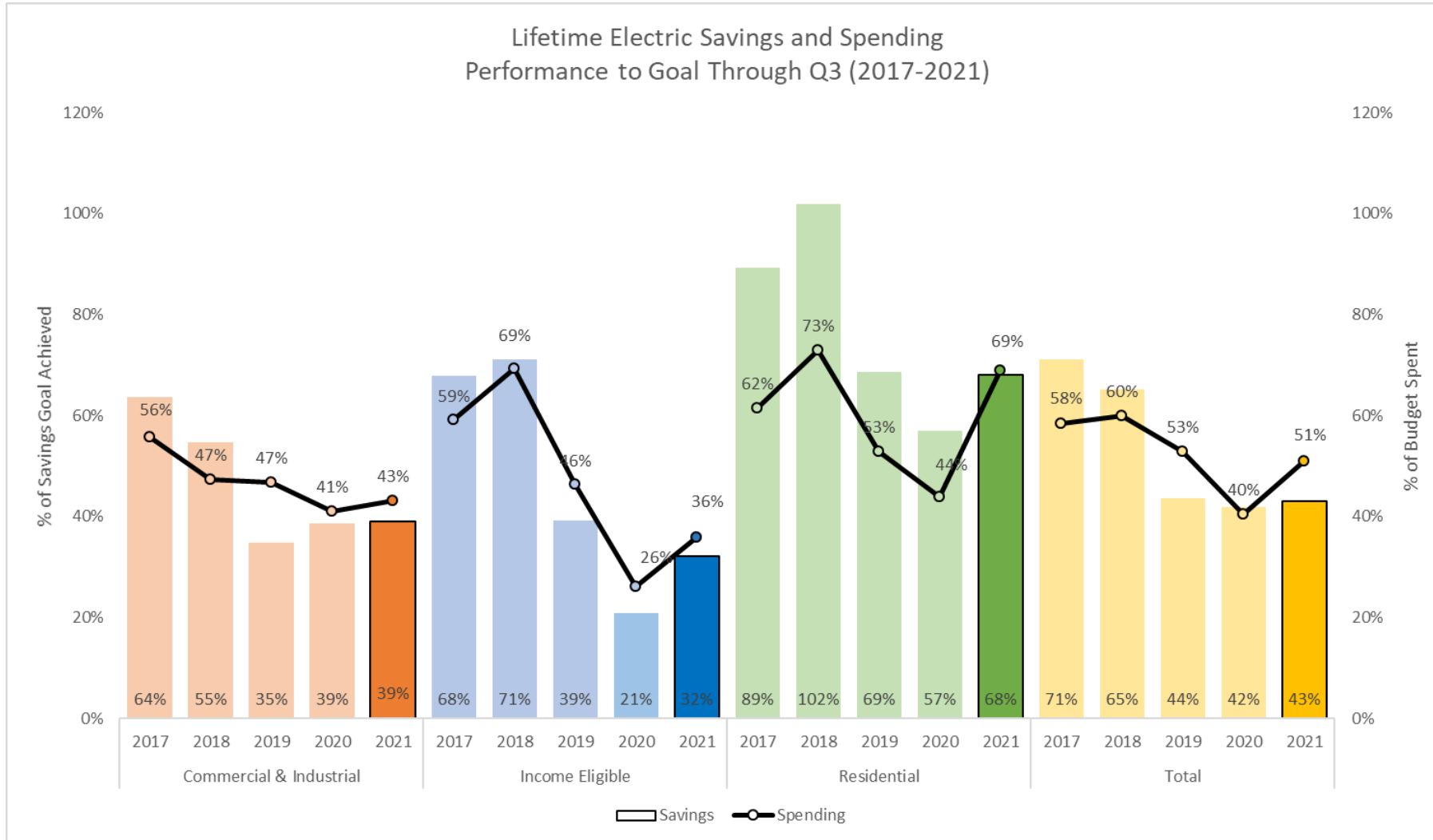
National Grid Sector Highlights

Update on 2021 Plan Commitments

Discussion



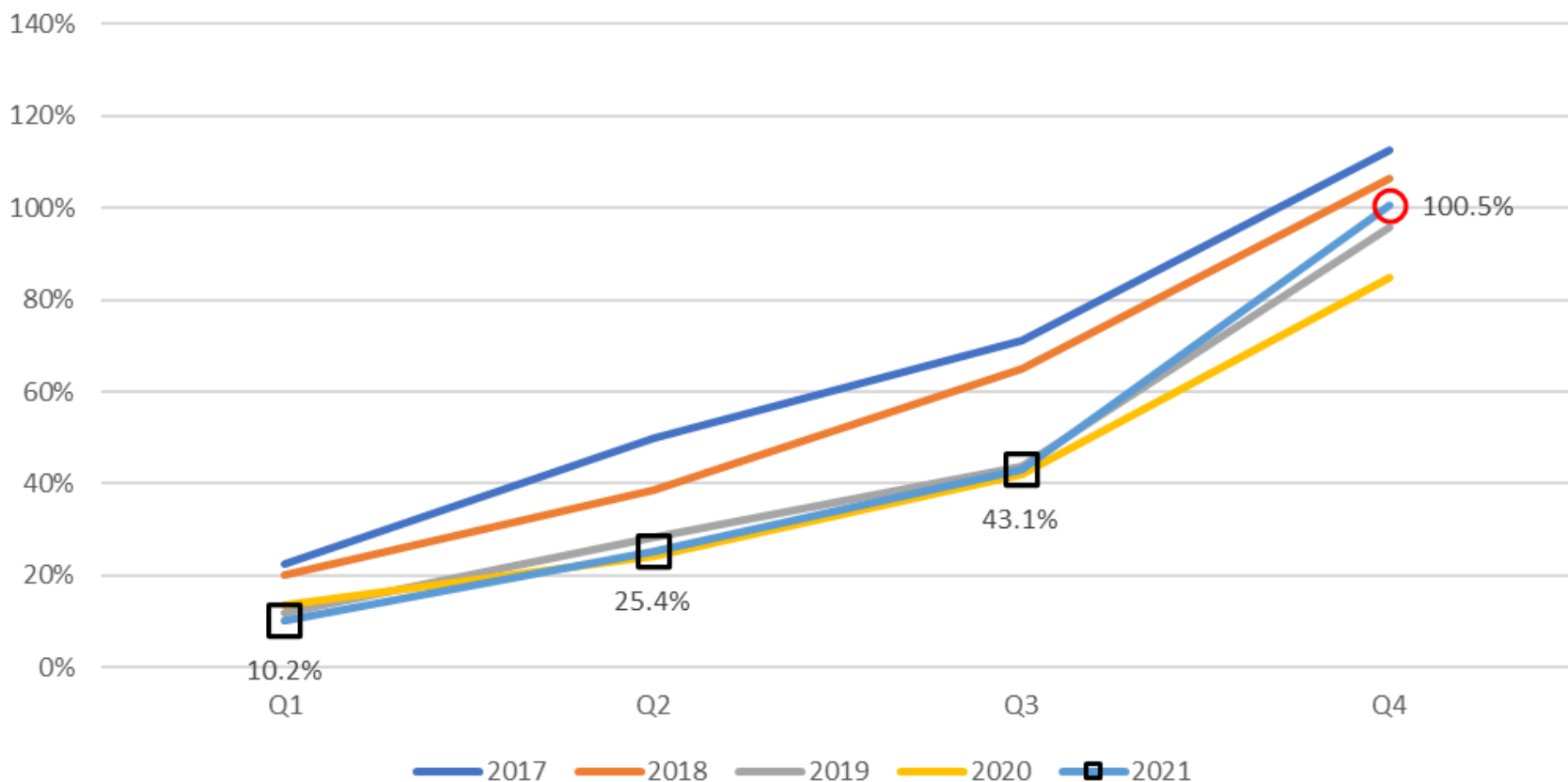
Electric Performance





Electric Performance & Forecast

Portfolio Lifetime Electric Savings
Performance to Goal by Quarter (2017-2021)



Lifetime Electric Savings Year-End Forecast

Portfolio	100.5%
Residential	106.5%
Income Eligible	90.7%
Commercial & Industrial	99.9%

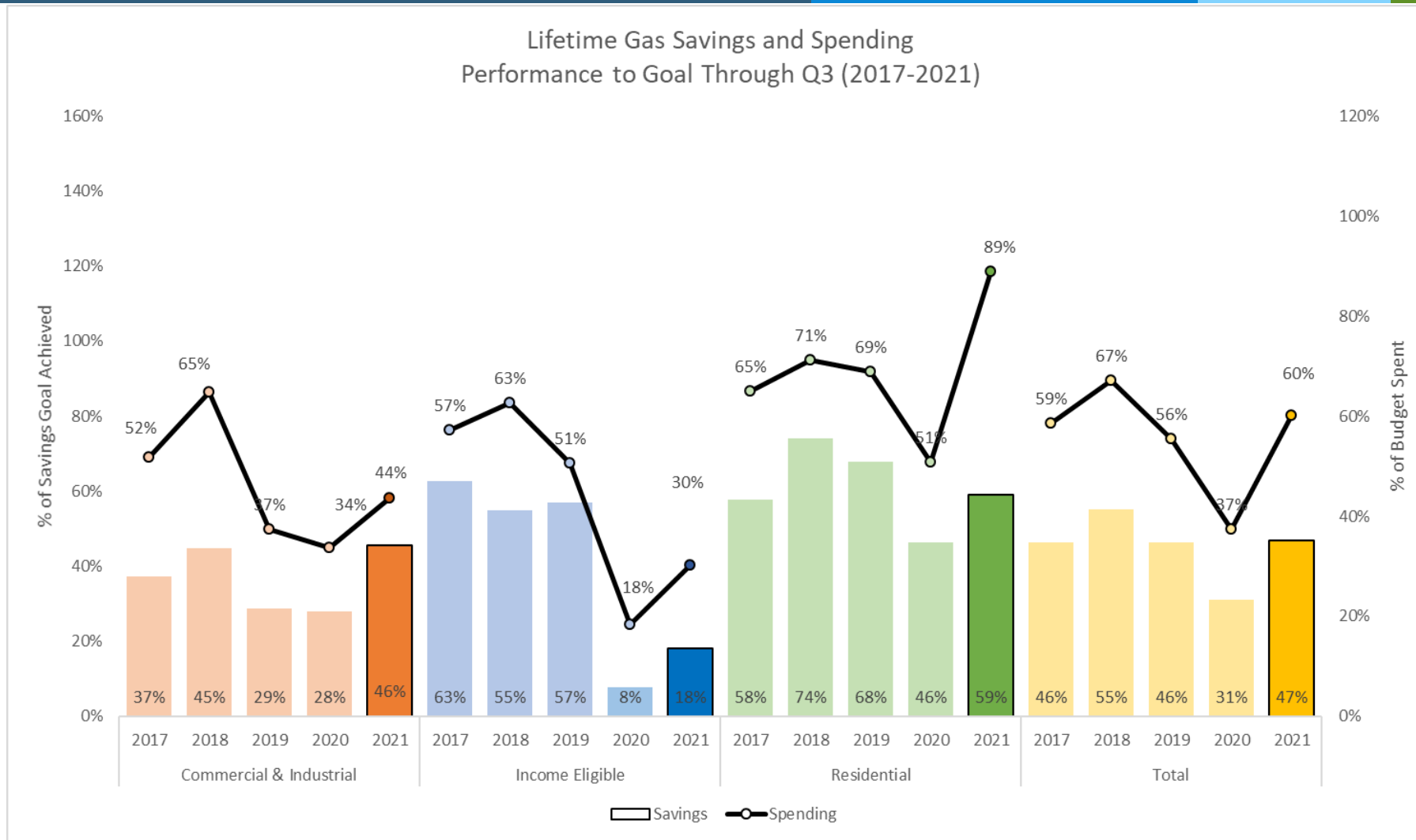
Electric Spending Year-End Forecast

Portfolio	102.4%
Residential	113.3%
Income Eligible	88.2%
Commercial & Industrial	99.6%

Versions of this chart for each sector are available in the Appendix



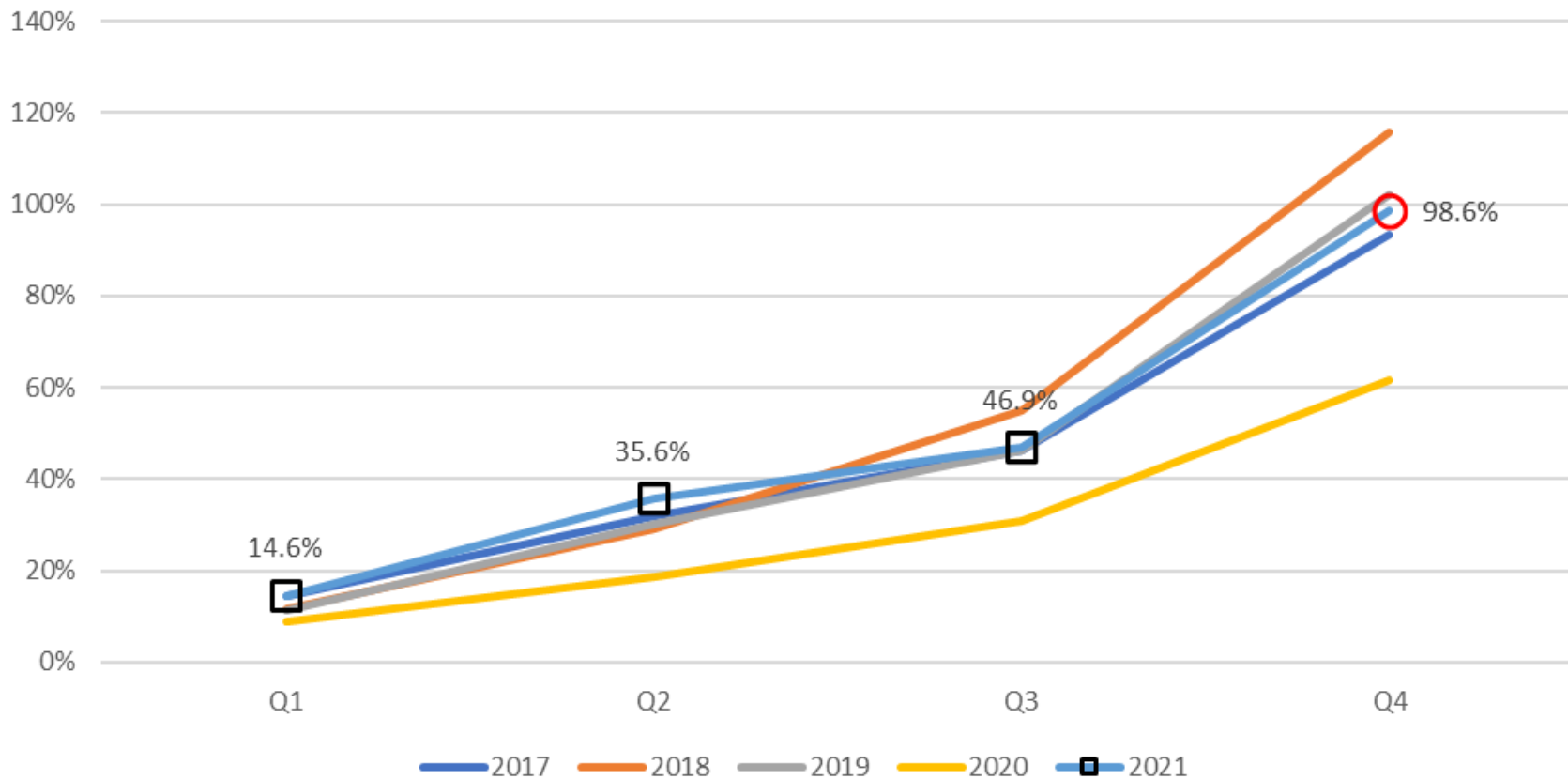
Gas Performance





Gas Performance & Forecast

Portfolio Lifetime Gas Savings
Performance to Goal by Quarter (2017-2021)



Lifetime Gas Savings Year-End Forecast

Portfolio	98.6%
Residential	103.8%
Income Eligible	81.5%
Commercial & Industrial	99.2%

Gas Spending Year-End Forecast

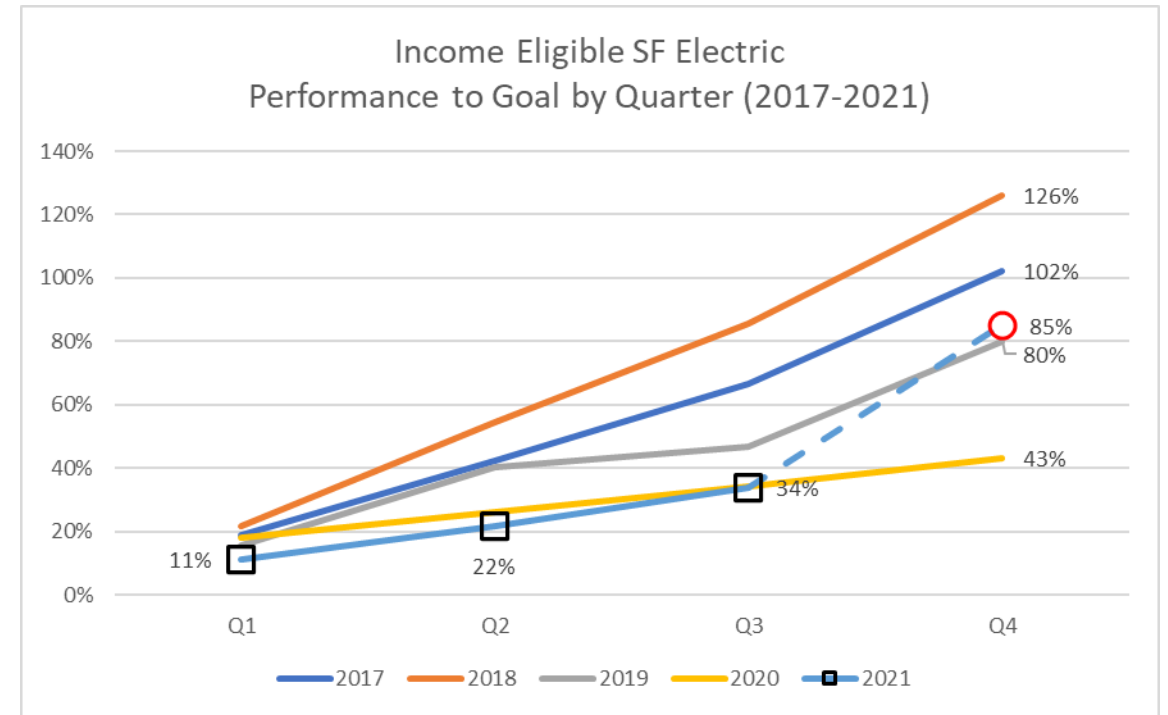
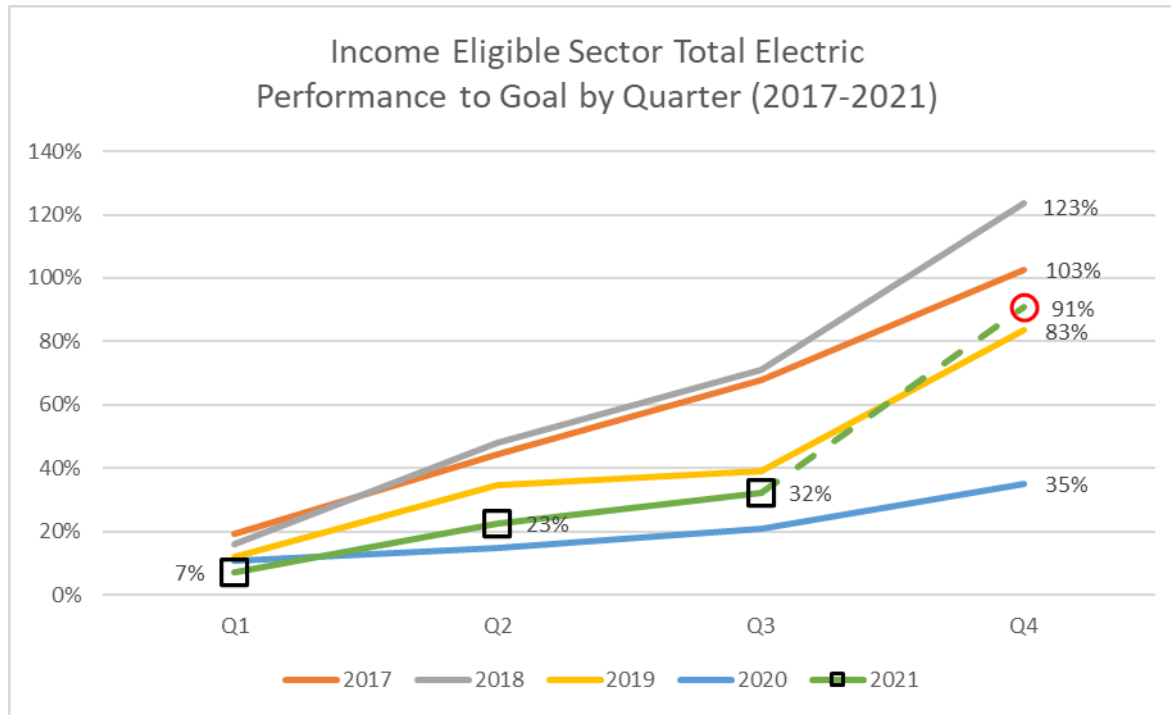
Portfolio	113.1%
Residential	149.5%
Income Eligible	90.0%
Commercial & Industrial	79.1%

Versions of this chart for each sector are available in the Appendix



Income Eligible Updates

Pace of progress towards goal similar to past two years, which leaves a lot of work to be done in final quarter to get to year end forecast





Residential Updates

Electric Programs

- Key programs doing very well

Program	Performance Through Q3	Year-End Forecast
EnergyWise SF	87%	135%
HVAC	74%	117%

- Most programs expected to meet or exceed goal; EnergyWise MF is the main exception

Program	Performance Through Q3	Year-End Forecast
EnergyWise MF	41%	85%

Gas Programs

- EnergyWise Single Family already at 94% of goal; forecasted to reach 150%
- Several programs are well behind and are not expected to reach goal

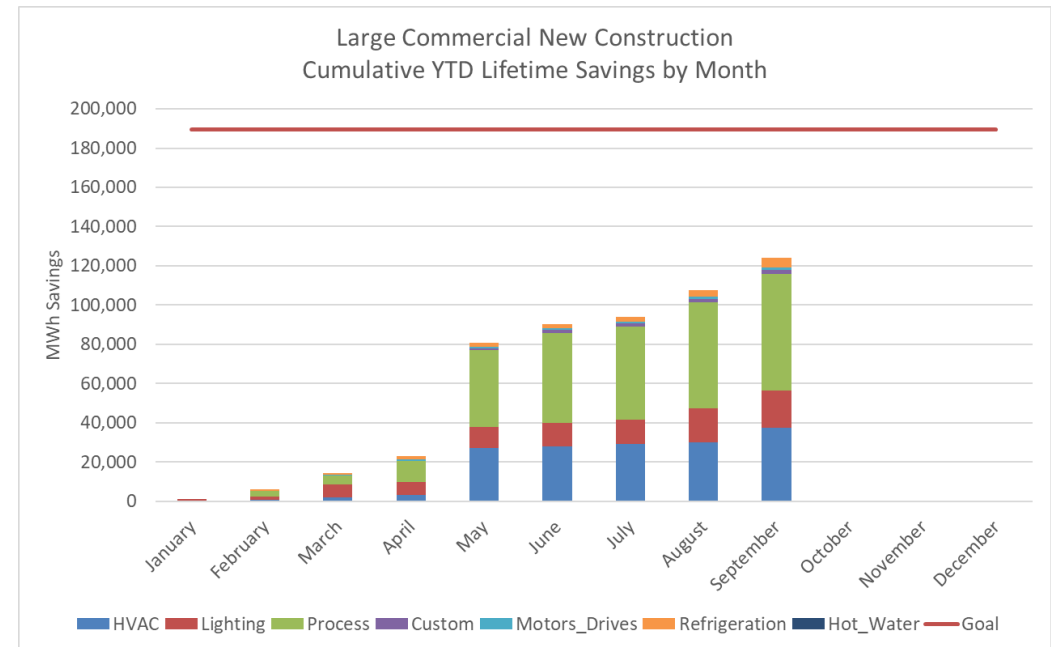
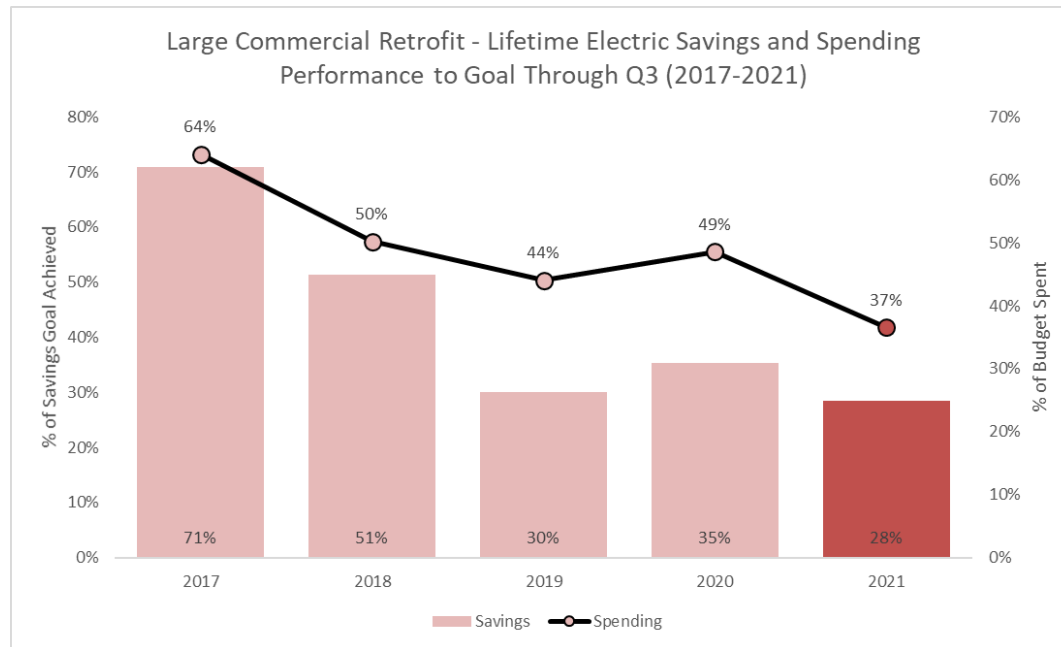
Program	Performance Through Q3	Year-End Forecast
HVAC	44%	80%
Home Energy Reports	60%	84%
New Construction	25%	60%



Commercial & Industrial Updates

On pace with 2019/2020 performance through Q3 however Company is forecasting near goal achievement in both electric and gas programs

- Large C&I Retrofit still lagging compared to prior years and 92% of savings are lighting
- New Construction overperforming again and generating savings from diverse end-uses





Residential Highlights

EnergyWise Single Family

- Through September, 6,764 assessments have been completed and 3,514 weatherizations

EnergyWise Multifamily

- Working on refreshing the tiered incentive offer with the lead vendor in order to start marketing it to customers in Q4 2021 to help build the 2022 pipeline
- Coddington Cove Apartments agreed to be featured in a case study illustrating the benefits of various measures that the customer had installed in addition to the process of going through the program

ENERGYSTAR® HVAC

- A new weekly HVAC program newsletter was launched in July sharing important information including program updates and deadlines, best practices, tips for technicians, helpful links to resources and information about programs such as EnergyWise and the Heat Loan



C&I Project Highlights

New Construction

- 28 active projects as of the end of Q3
 - Two more buildings signed up to participate in the Zero Net Energy pathway in Q3
- *Cross-Pollination with Communities Initiative*: Program staff are meeting regularly with QDC staff to identify and engage customers building new facilities in the Quonset industrial park

Retrofit

- *SEMP Initiative*: Recruited an additional University to participate in the SEMP initiative
 - Agreed to a 3-year MOU that established specific and aggressive EE targets and strategies
- *EnergySmart Grocer Initiative*: A regional grocery chain opened a new grocery store in Warwick
 - Installed a range of EE measures, total gross annual savings of 430 MWh and 1,465 MMBtus





Small Business Direct Install

- Completed projects at two family-owned restaurants
 - Combined savings of the two restaurants is 2.2 net annual MWh per year and 11.4 MMBtu



2021 Plan Commitments

- C-Team compiled all 119 commitments made in the 2021 Plan narrative
- Tracking methods, metrics, and timelines developed in collaboration with National Grid, OER, and the Division
- 105 commitments to receive updates through Q3, with remaining 14 receiving updates in Q3 and Q4

 Complete	30
 In Progress/On Track	66
 Not on Track	3
 Not Started	6



Select Residential 2021 Plan Commitments

Multifamily Participation

- Commitment:
 - “The Company plans to implement targeted marketing efforts to newly identified 5 to 20 unit small- and medium sized multifamily owners”
- Update:
 - On track and will fully ramp up once the Multifamily census is complete
 - Intent is to use data from the census (on target to be completed by the end of 2021) to inform this outreach

ENERGYSTAR® HVAC

- Commitment:
 - “Through enhanced and targeted marketing, the Company will target relevant electric customers with messaging encouraging them to convert to heat pumps.”
- Update:
 - National Grid is actively providing this targeted messaging through its Home Energy Reports



Select C&I 2021 Plan Commitments

Small Business Non-Lighting Commitment:

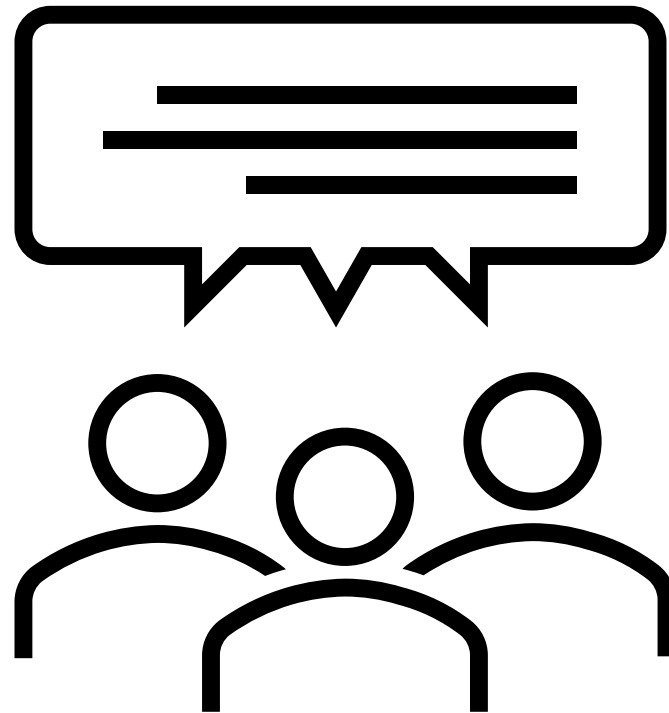
- “In 2021, there will be increased focus on non-lighting opportunities, such as hood controls and other HVAC controls.”
- Update:
 - National Grid will compare 2020 and 2021 lighting vs. non-lighting savings (gross and net) in Q3 report

Small Business Gas Weatherization

- Commitment:
 - “The program will save energy and prepare customers for the future by substantially increasing the amount of gas weatherization provided to small businesses.”
- Update:
 - National Grid is working with the Small Business vendor to implement gas weatherizations in 2021-2022 and site visits have begun.



Council Member Discussion





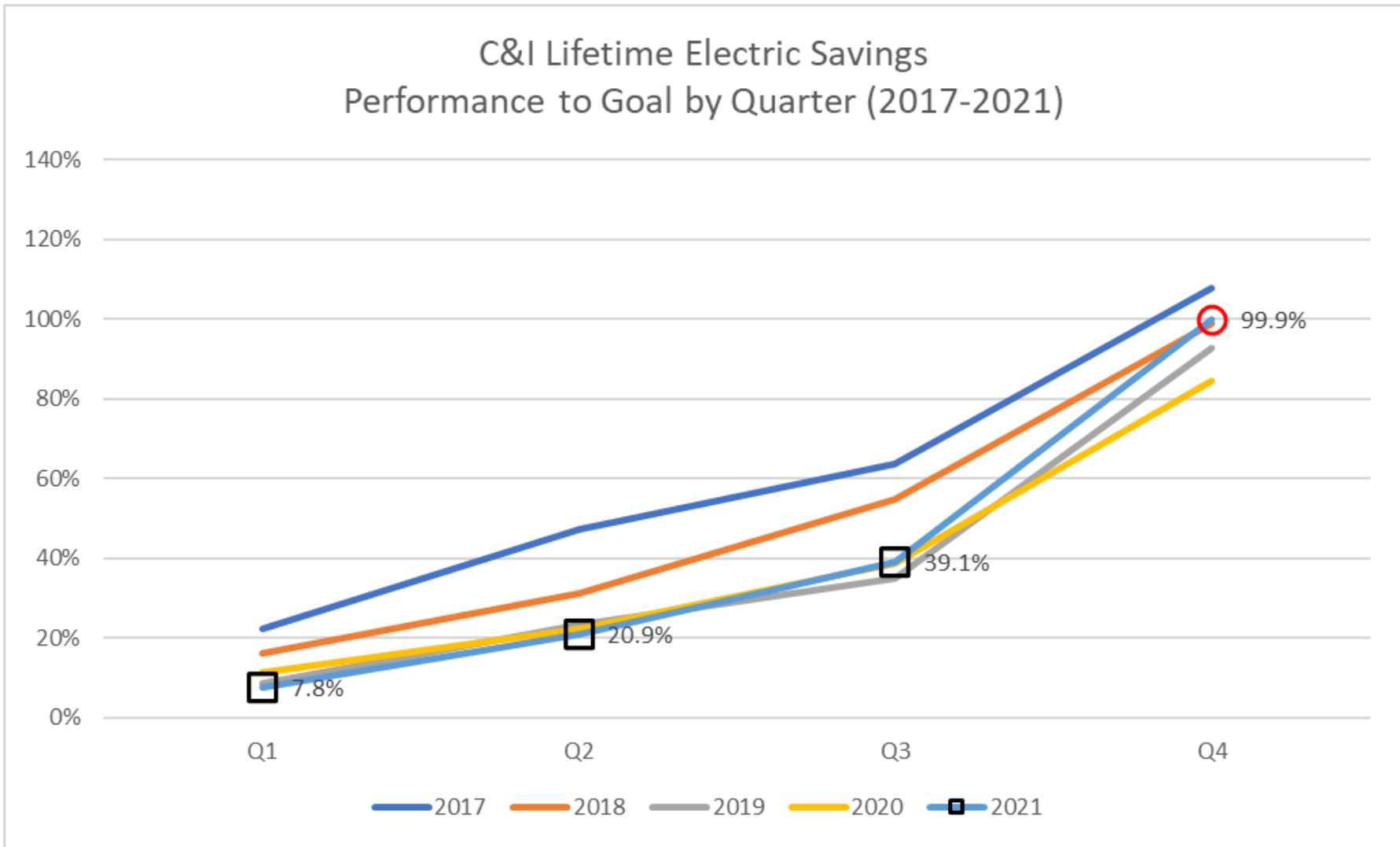
Appendix





Year-End Forecast	
Lifetime Savings	99.9%
Spending	99.6%

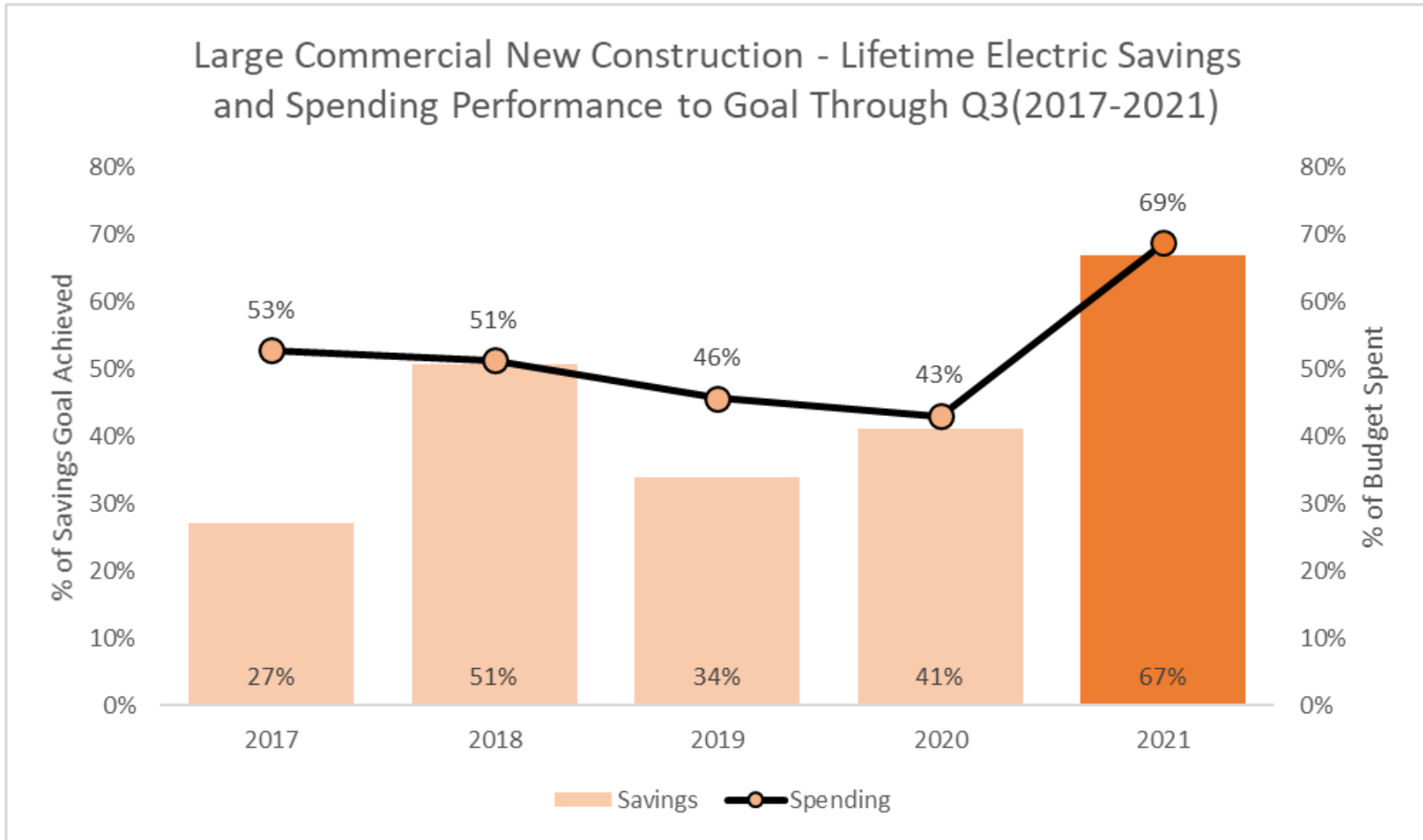
Electric C&I Forecast





Year-End Forecast	
Lifetime Savings	130.0%
Spending	113.7%

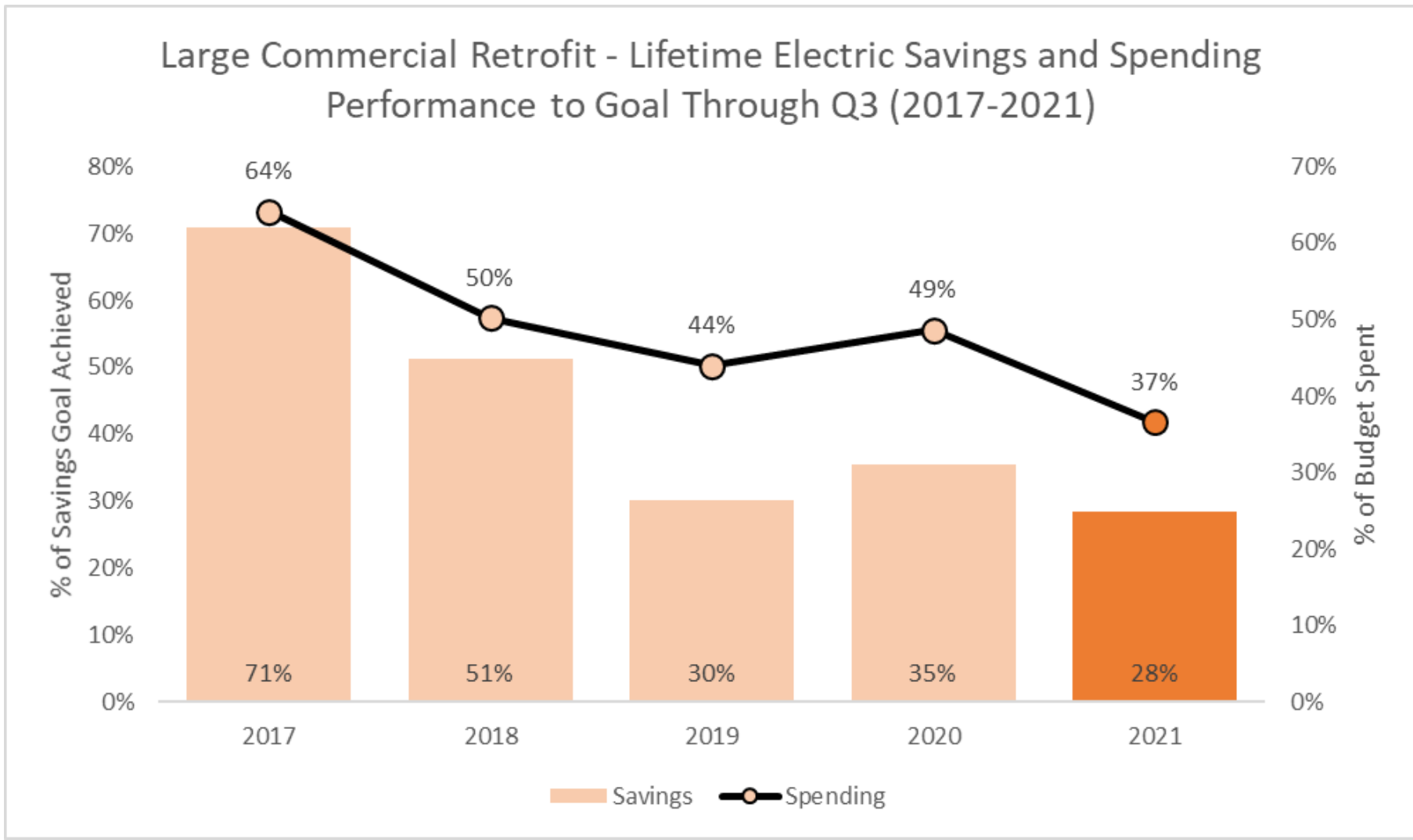
Electric C&I Programs





Year-End Forecast	
Lifetime Savings	90.9%
Spending	95.7%

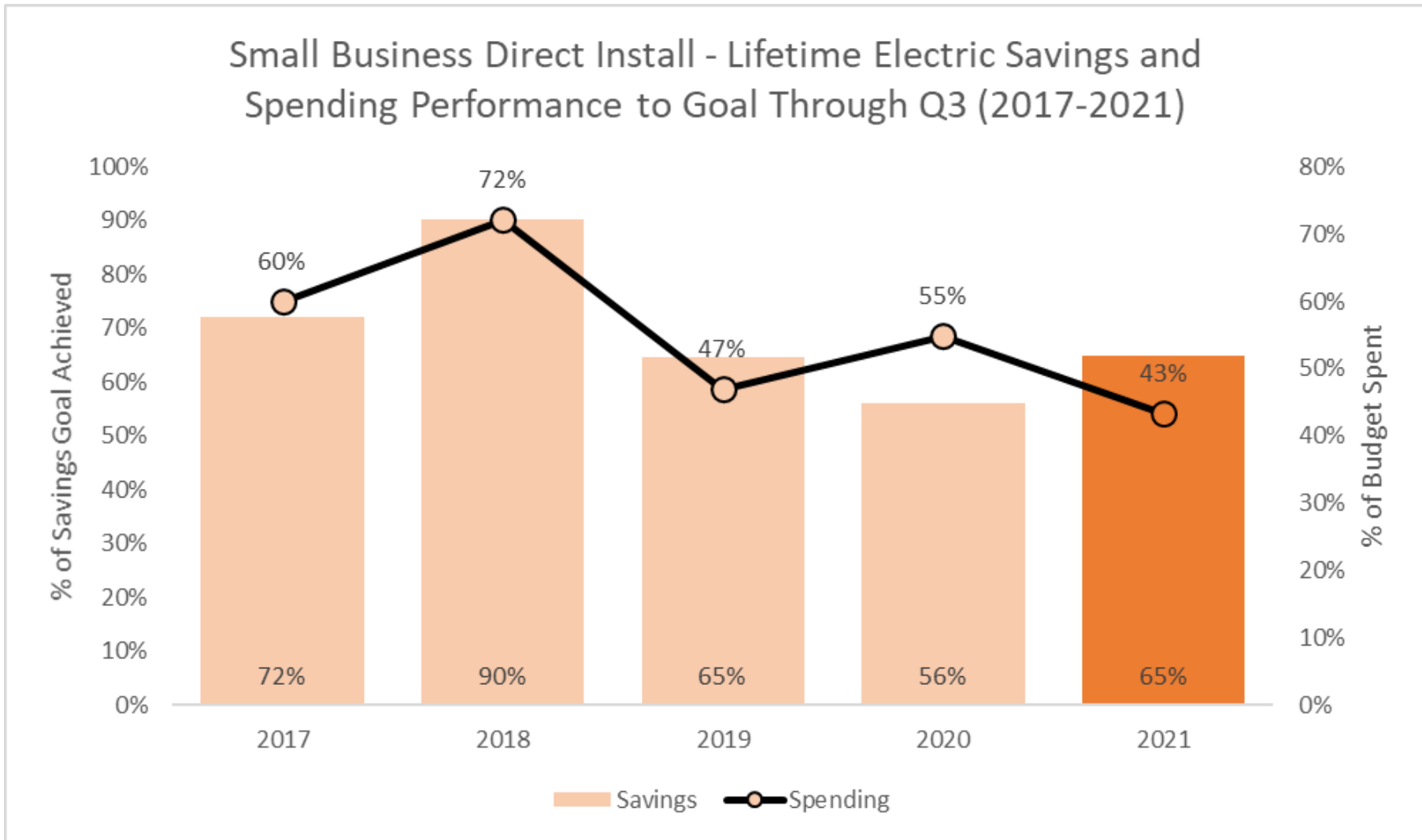
Electric C&I Programs





Year-End Forecast	
Lifetime Savings	110.0%
Spending	100.0%

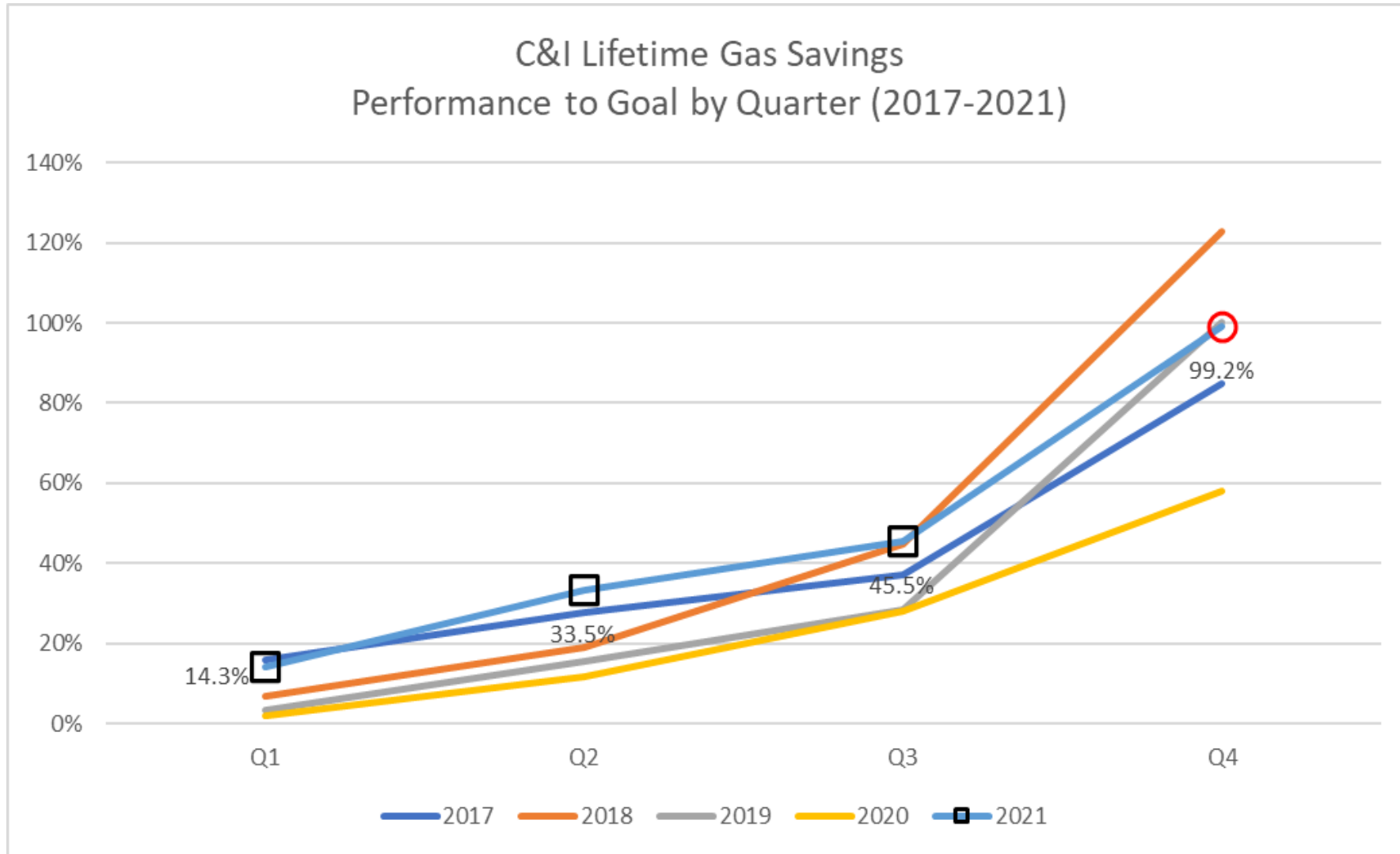
Electric C&I Programs





Year-End Forecast	
Lifetime Savings	99.2%
Spending	79.1%

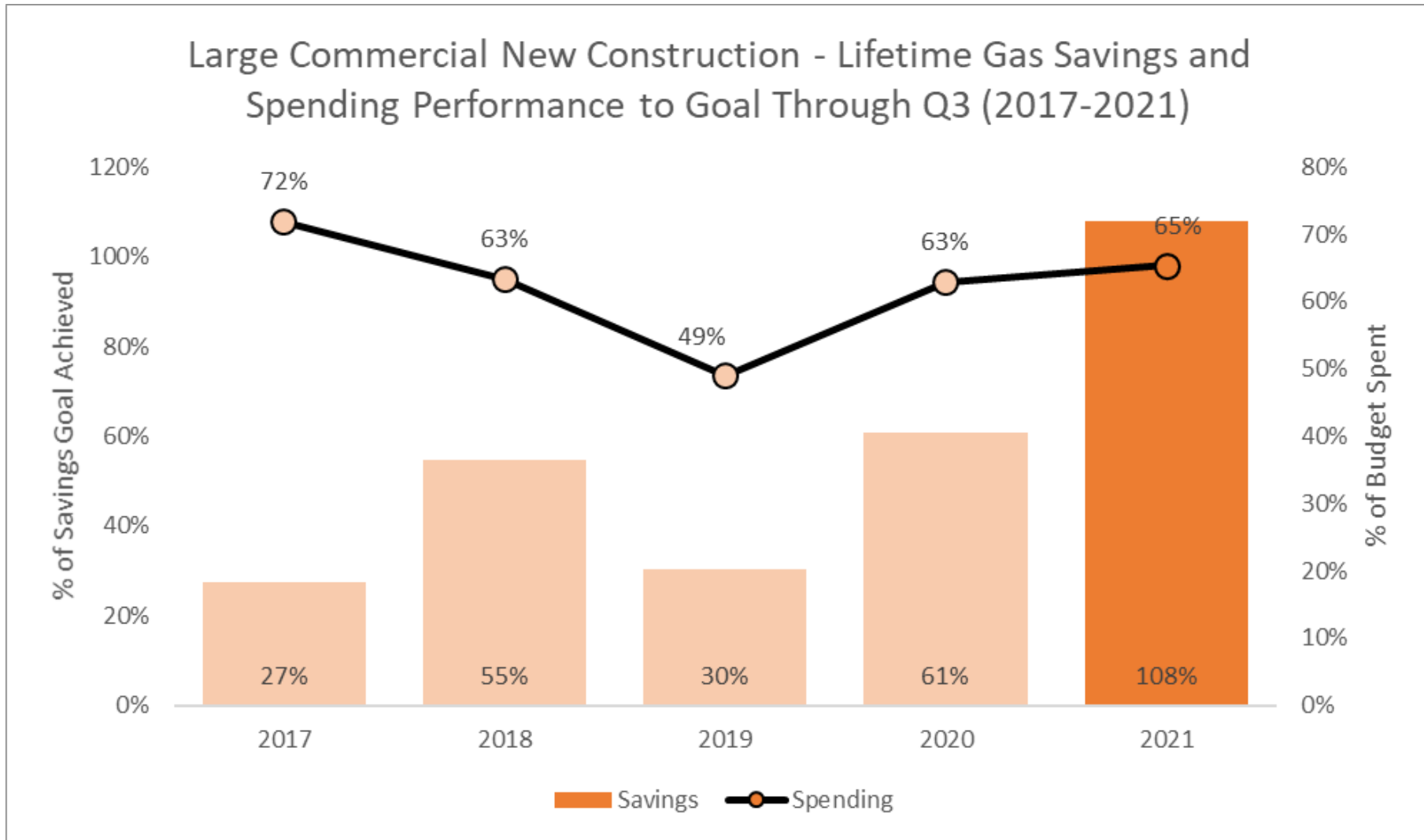
Gas C&I Forecast





Year-End Forecast	
Lifetime Savings	199.3%
Spending	83.3%

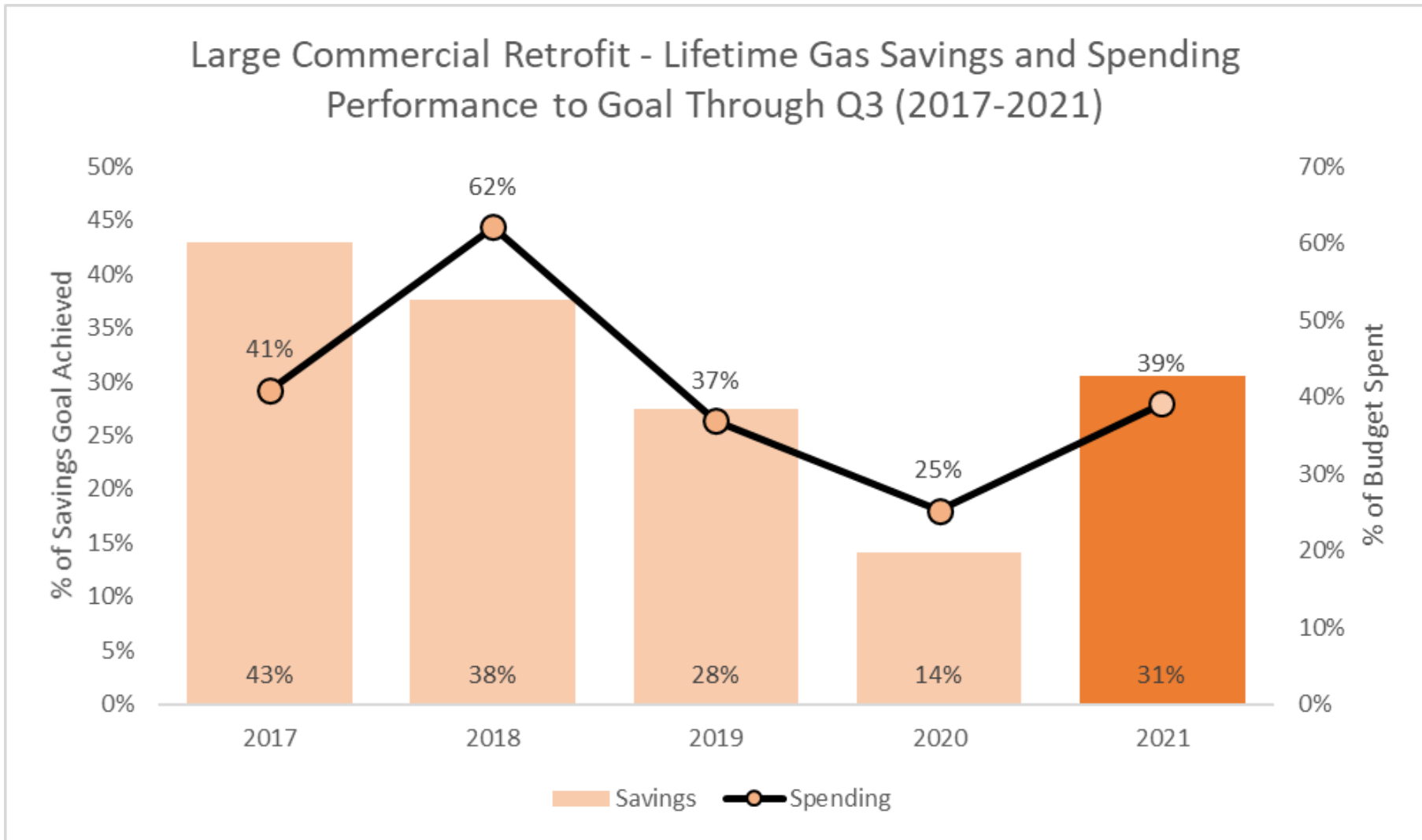
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	71.5%
Spending	72.7%

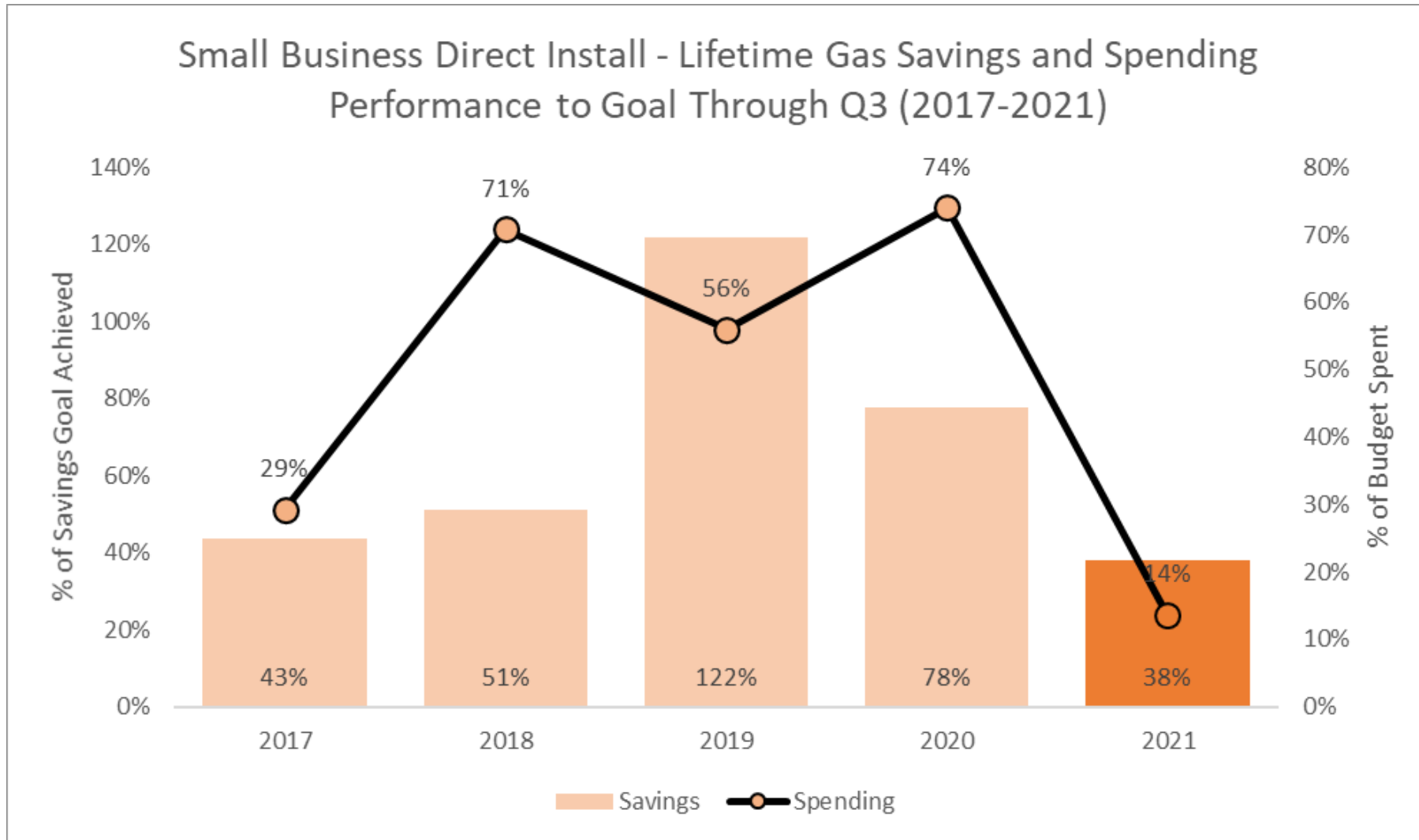
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	112.9%
Spending	100.0%

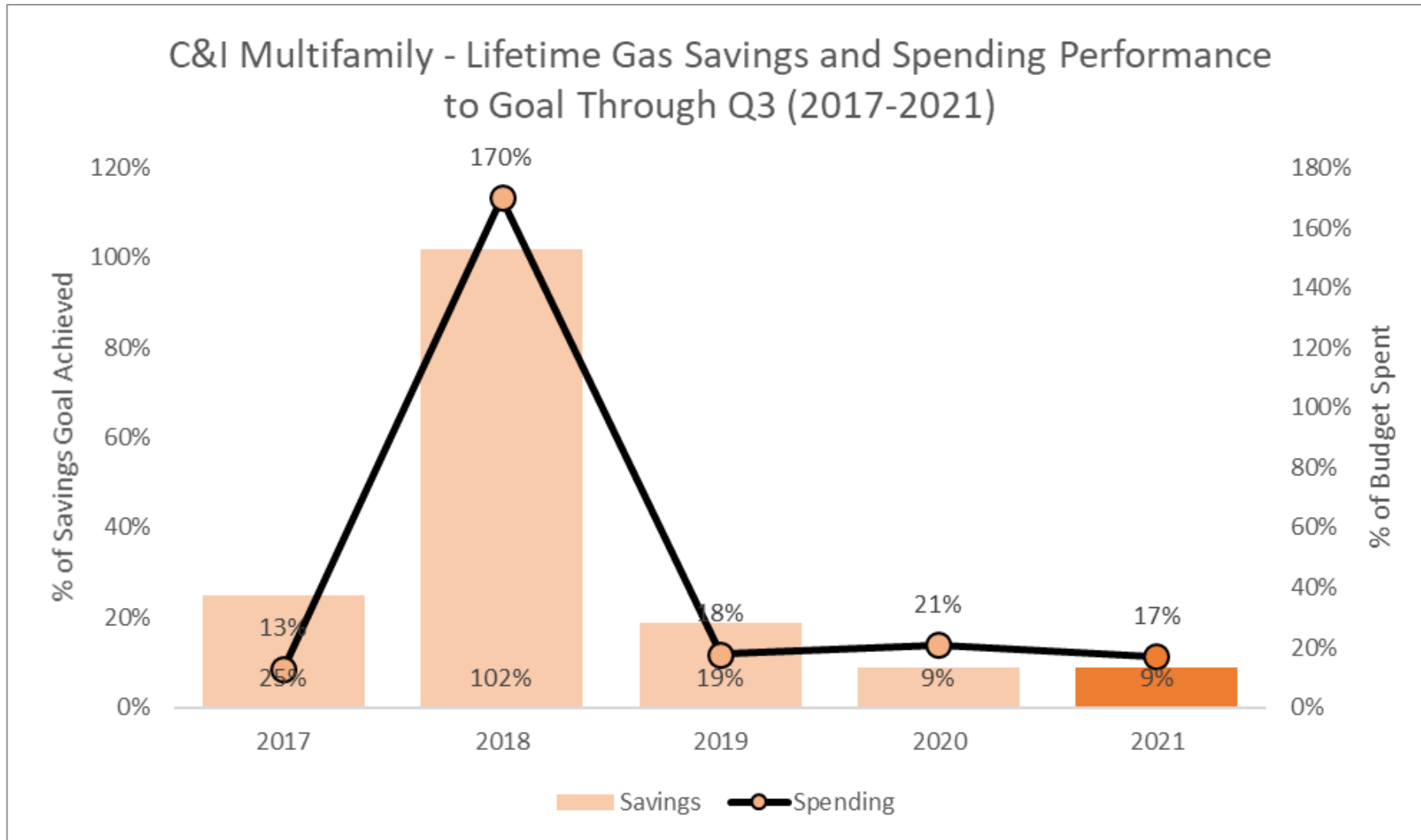
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	70.0%
Spending	100.0%

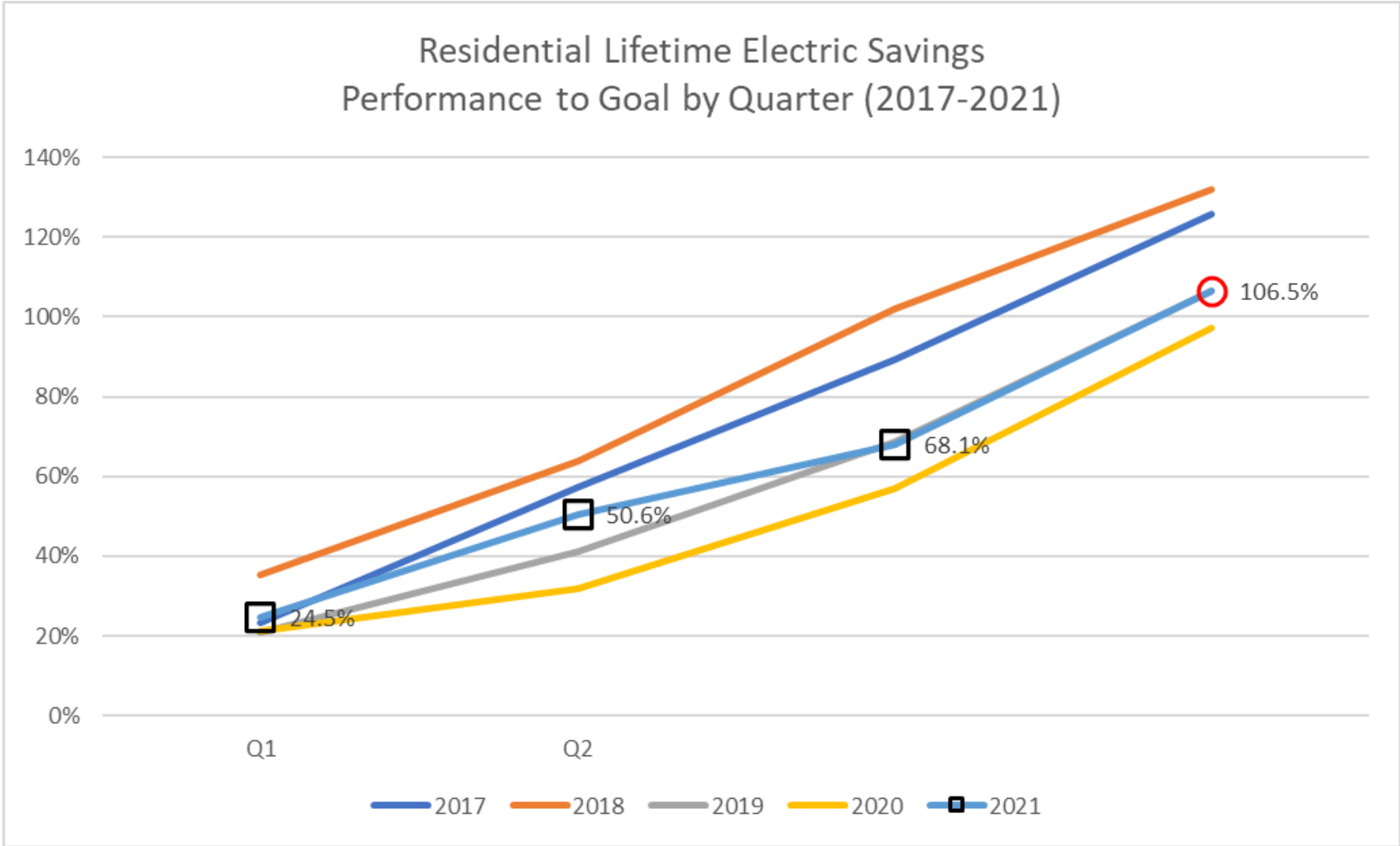
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	106.5%
Spending	113.3%

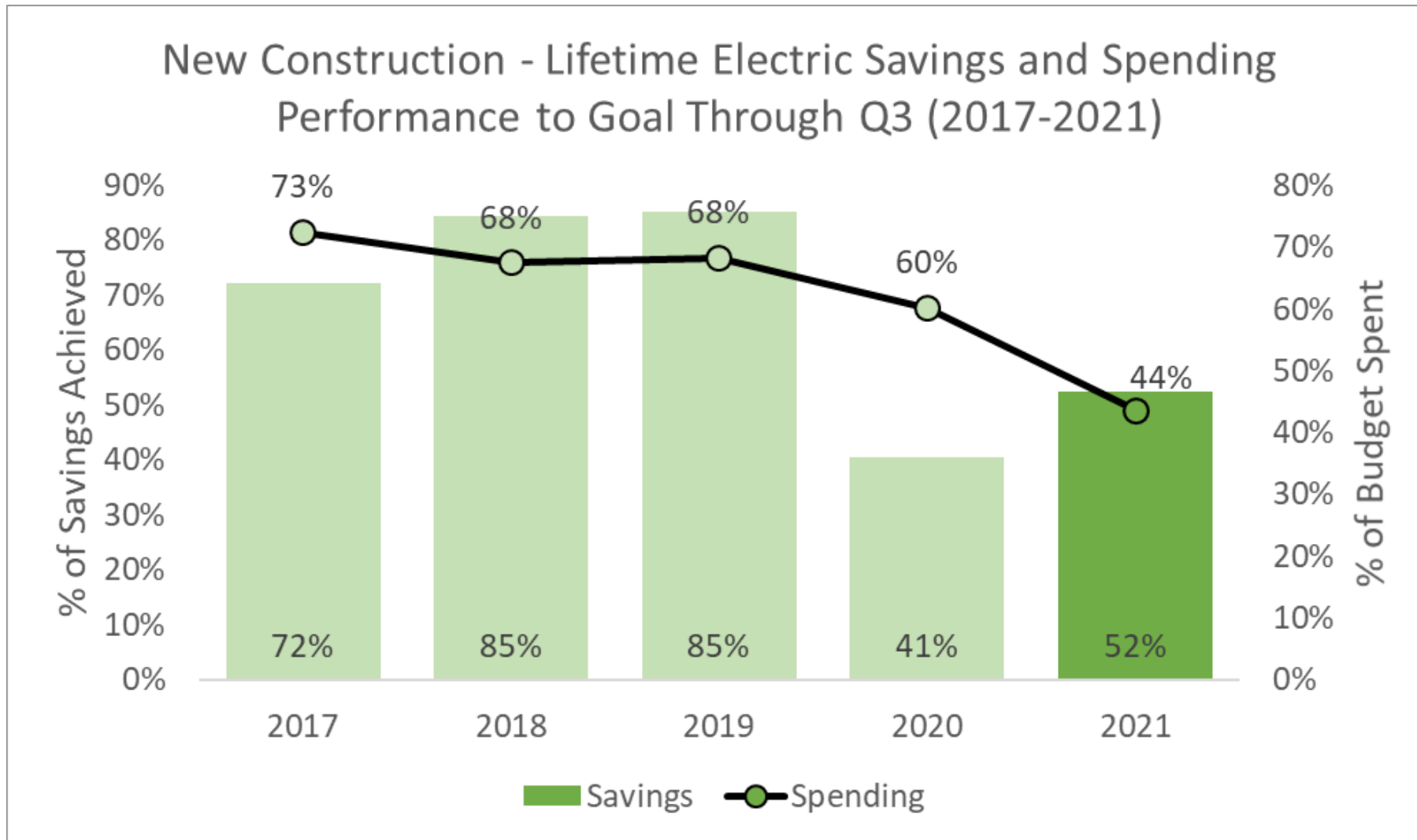
Electric Res Forecast





Year-End Forecast	
Lifetime Savings	100.0%
Spending	99.6%

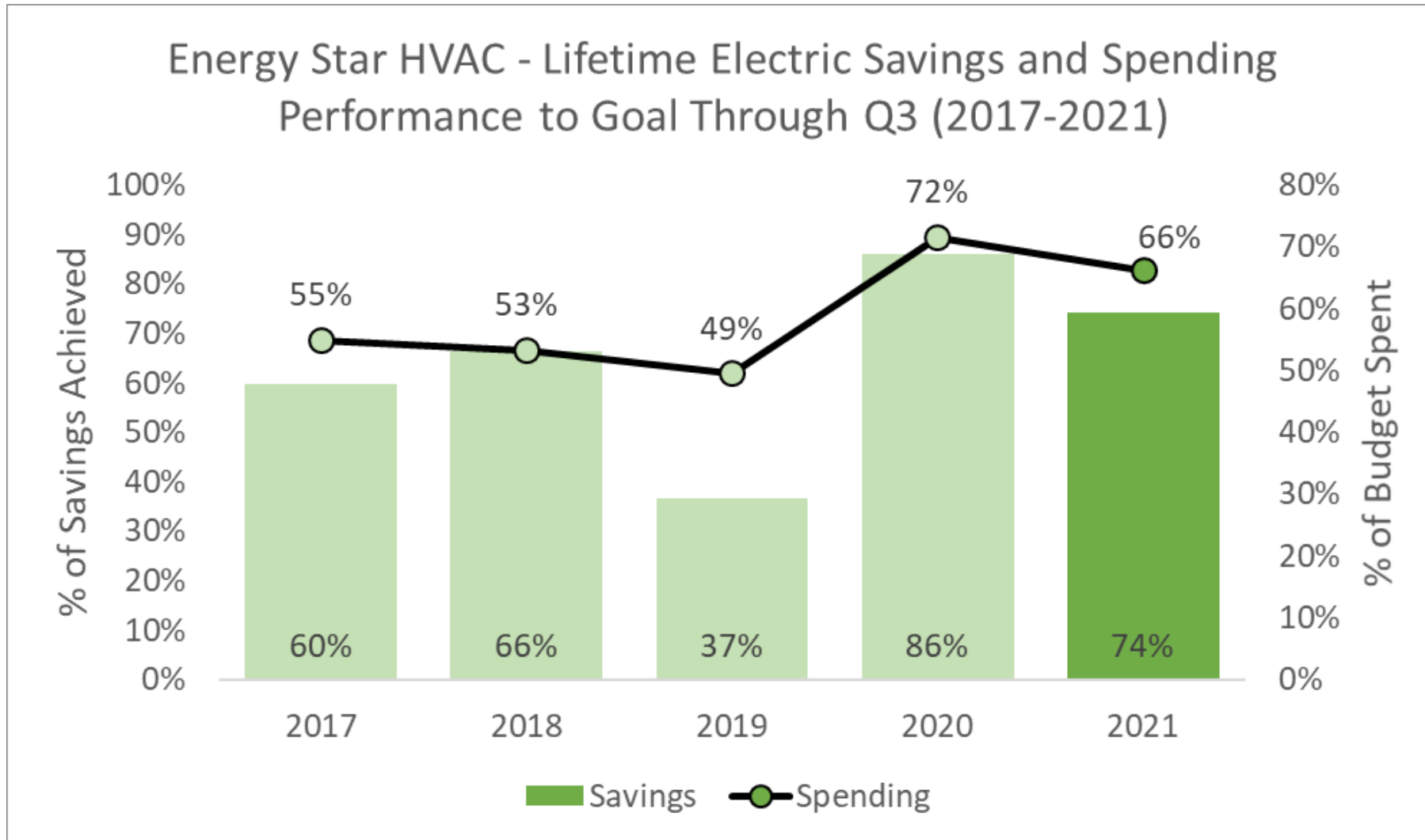
Electric Res Programs





Year-End Forecast	
Lifetime Savings	117.1%
Spending	100.0%

Electric Res Programs

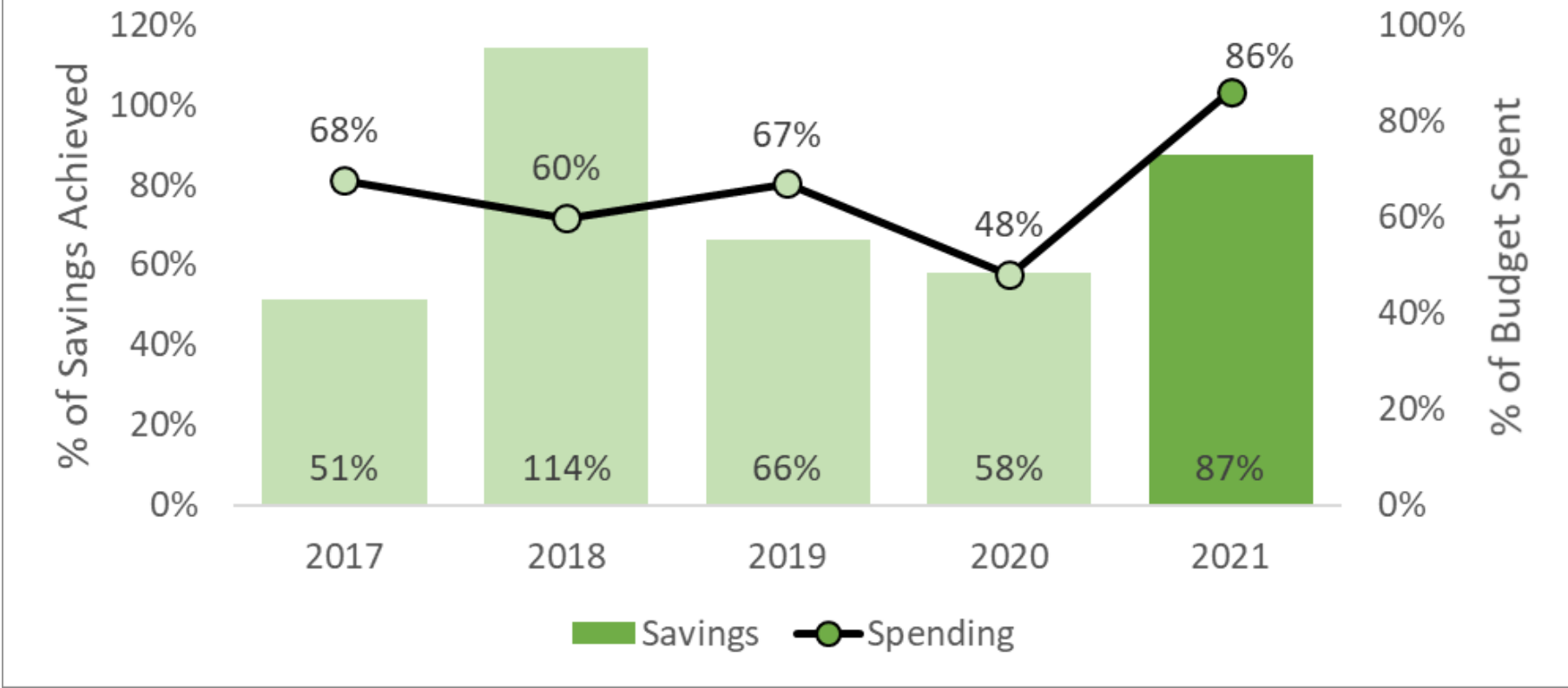




Year-End Forecast	
Lifetime Savings	135.0%
Spending	134.8%

Electric Res Programs

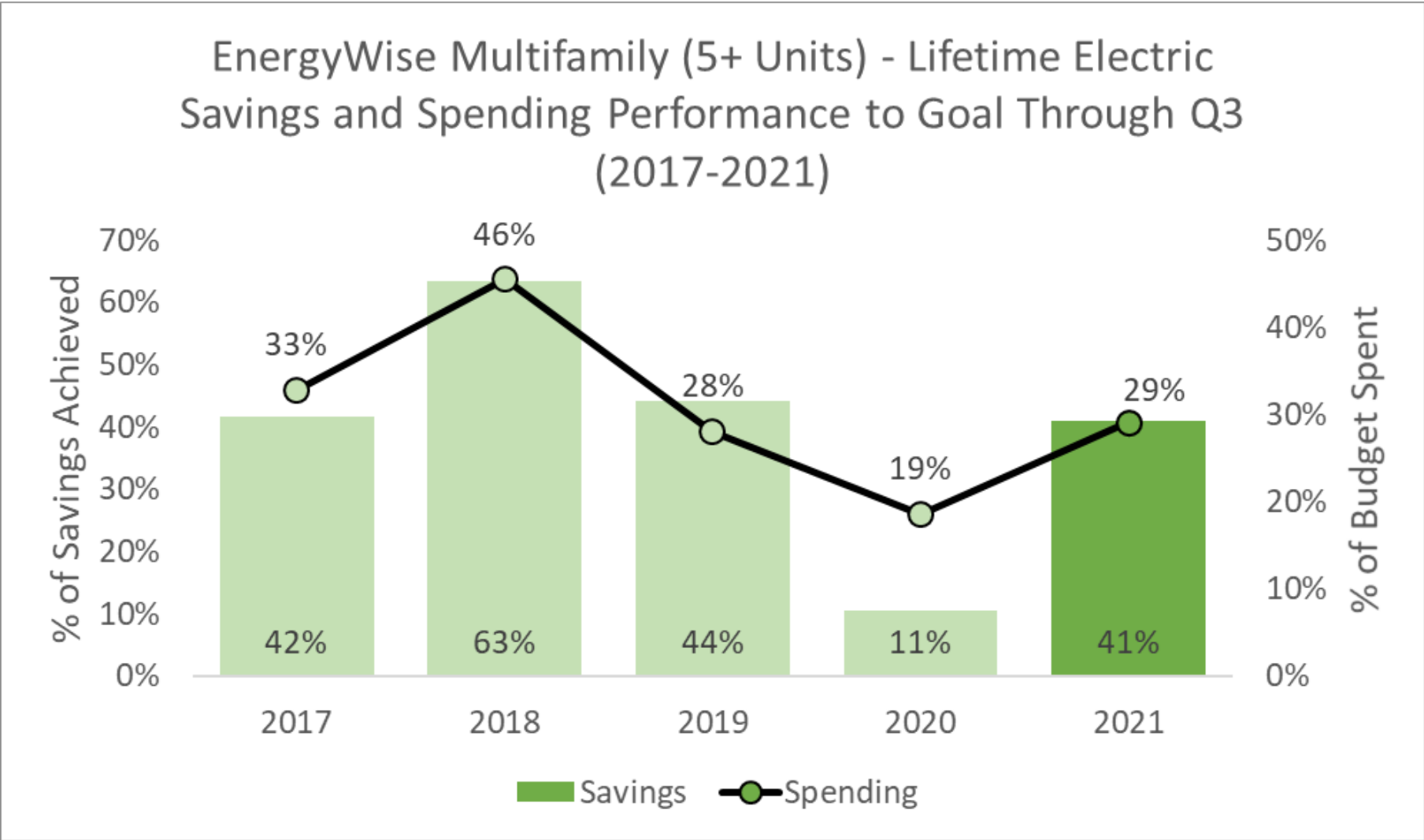
EnergyWise Single Family (1-4 Units) - Lifetime Electric Savings and Spending Performance to Goal Through Q3 (2017-2021)





Year-End Forecast	
Lifetime Savings	85.0%
Spending	95.0%

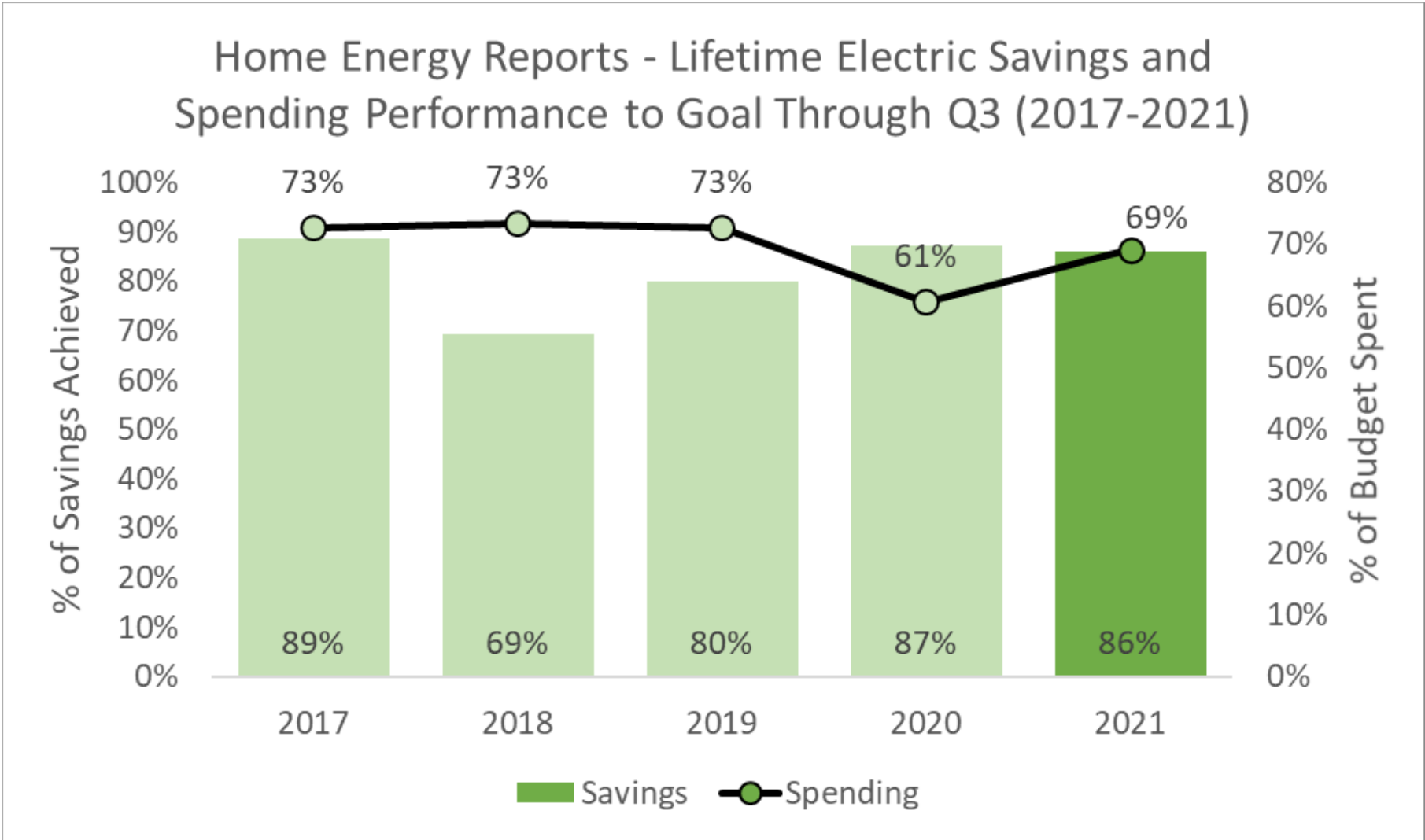
Electric Res Programs





Year-End Forecast	
Lifetime Savings	106.6%
Spending	87.5%

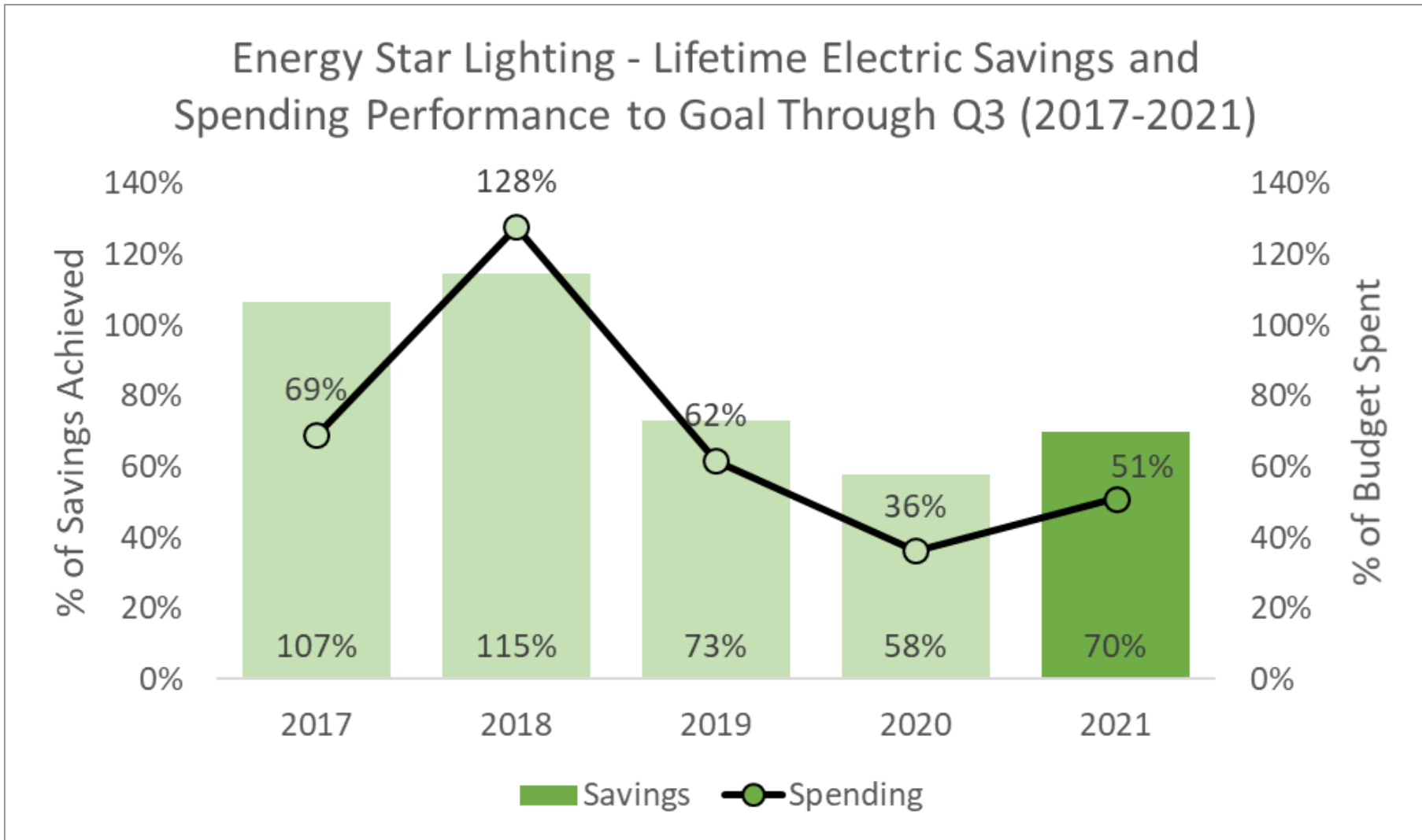
Electric Res Programs





Year-End Forecast	
Lifetime Savings	93.3%
Spending	100.0%

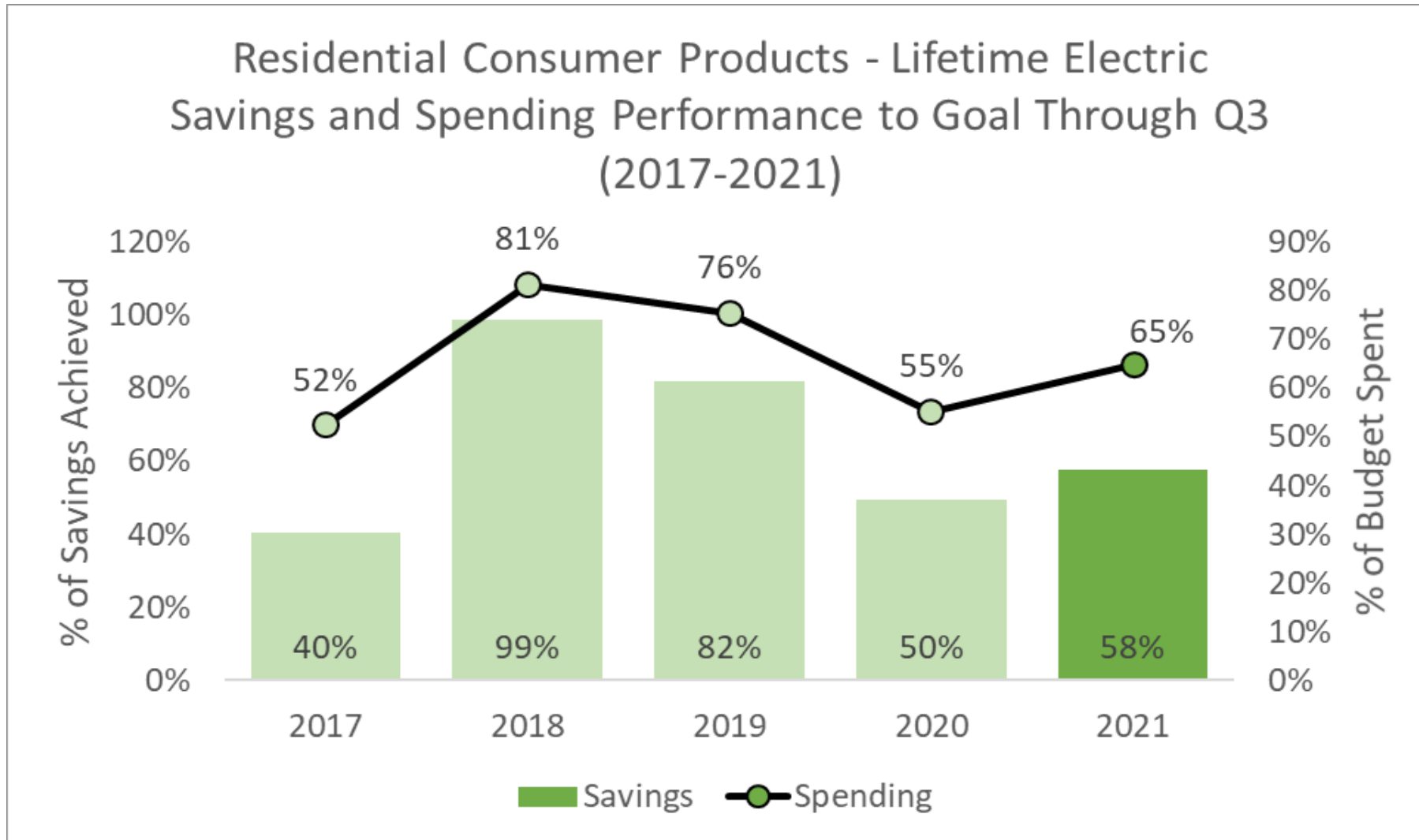
Electric Res Programs





Year-End Forecast	
Lifetime Savings	103.0%
Spending	100.0%

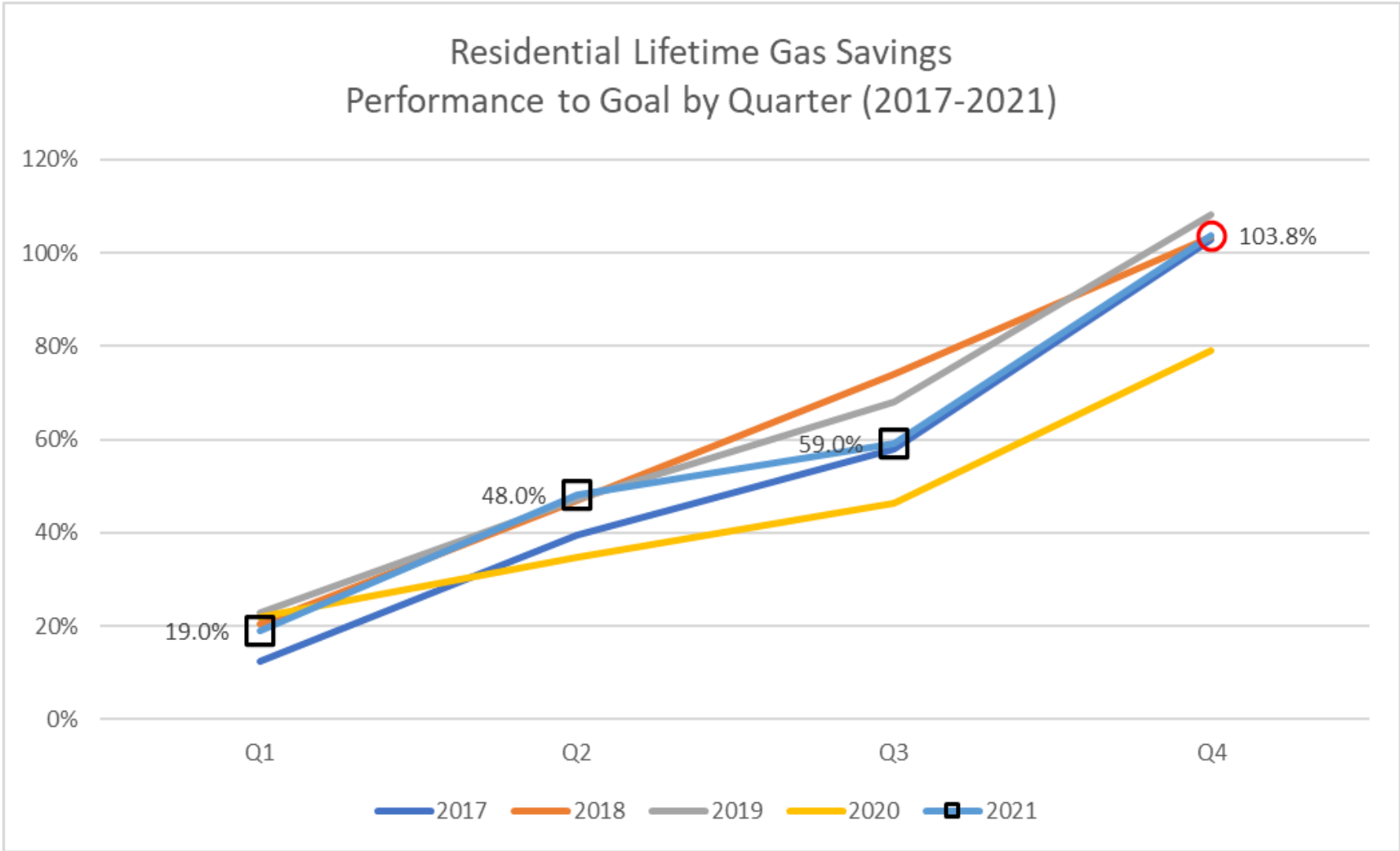
Electric Res Programs





Year-End Forecast	
Lifetime Savings	103.8%
Spending	149.5%

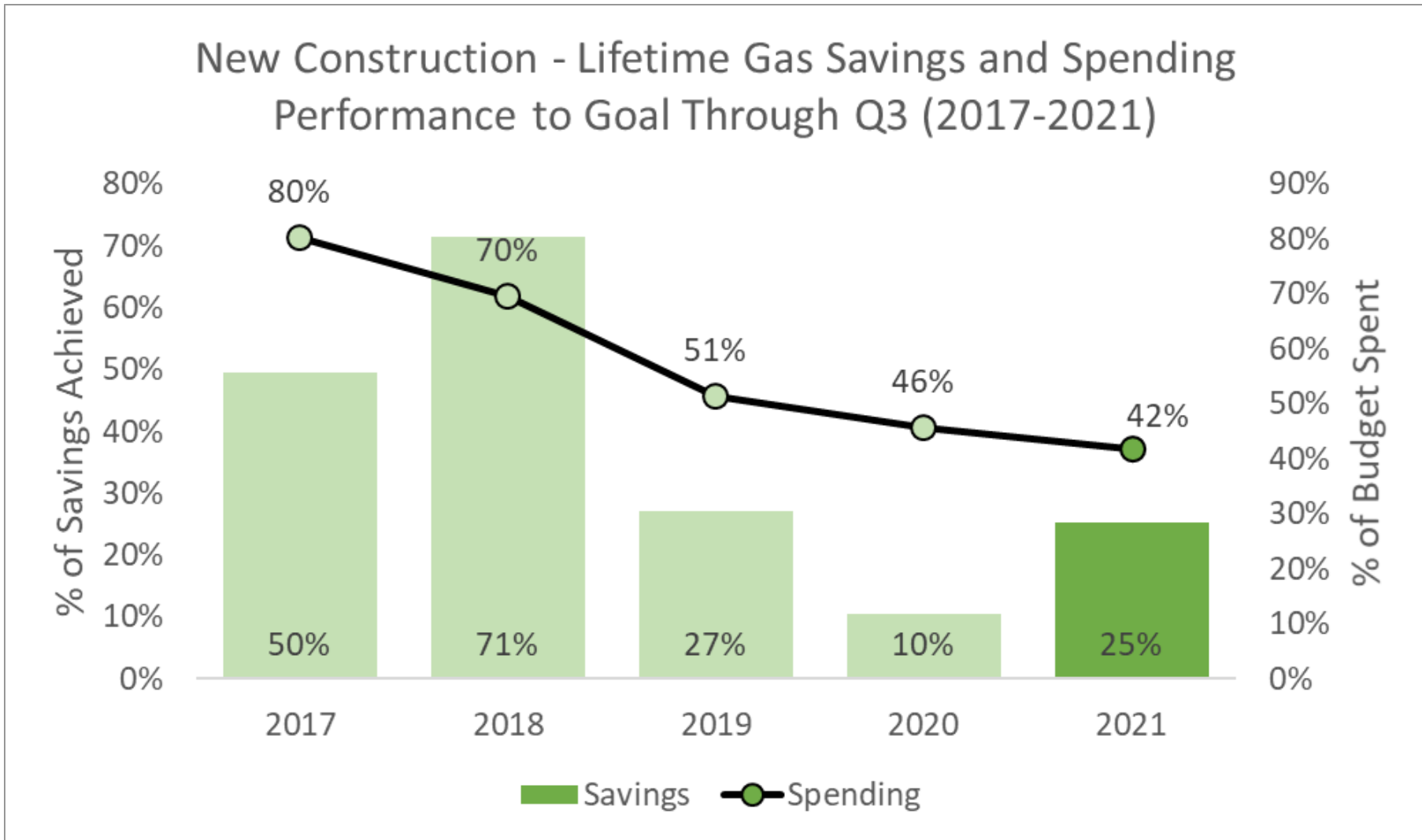
Gas Res Forecast





Year-End Forecast	
Lifetime Savings	59.9%
Spending	77.9%

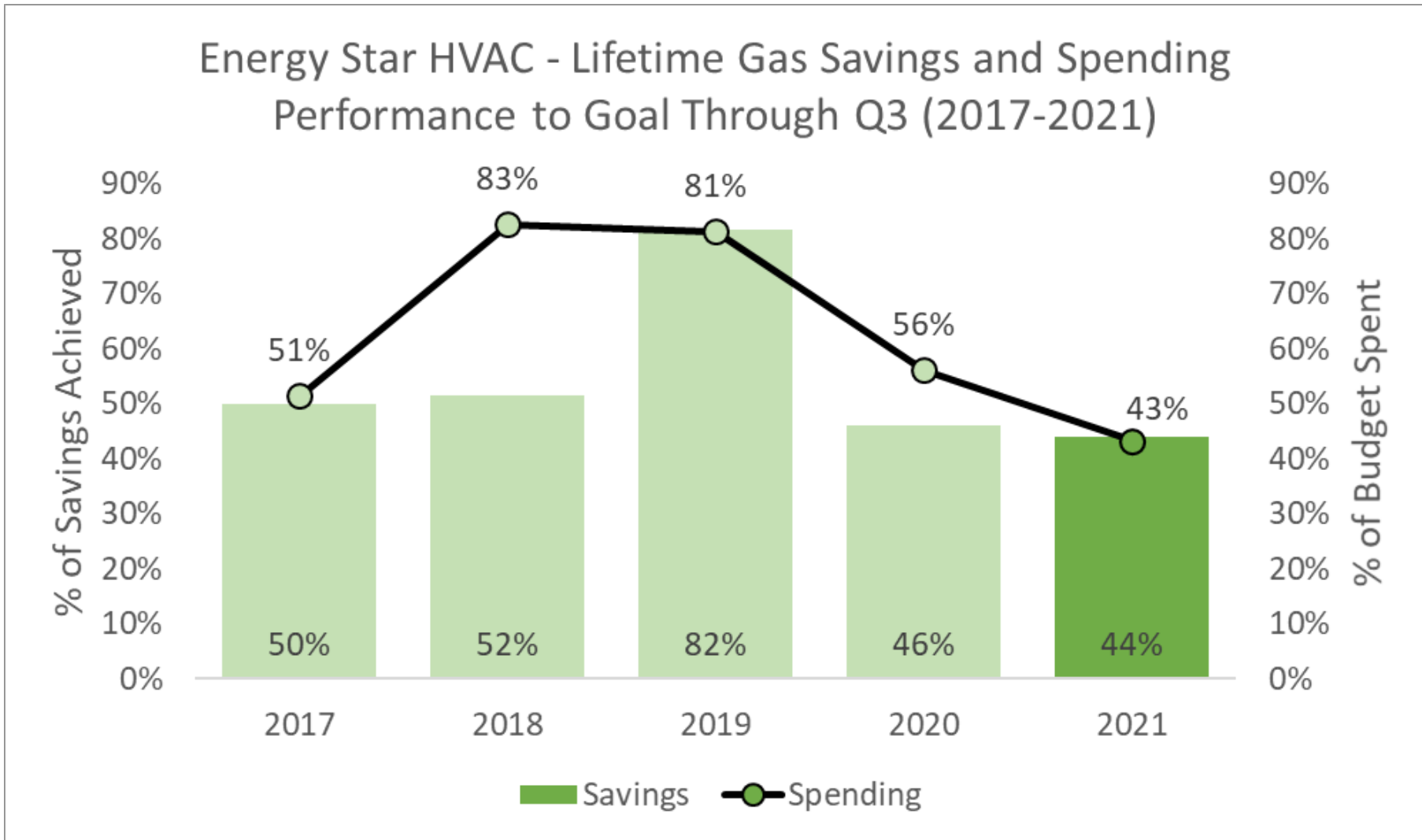
Gas Res Programs





Year-End Forecast	
Lifetime Savings	80.0%
Spending	79.3%

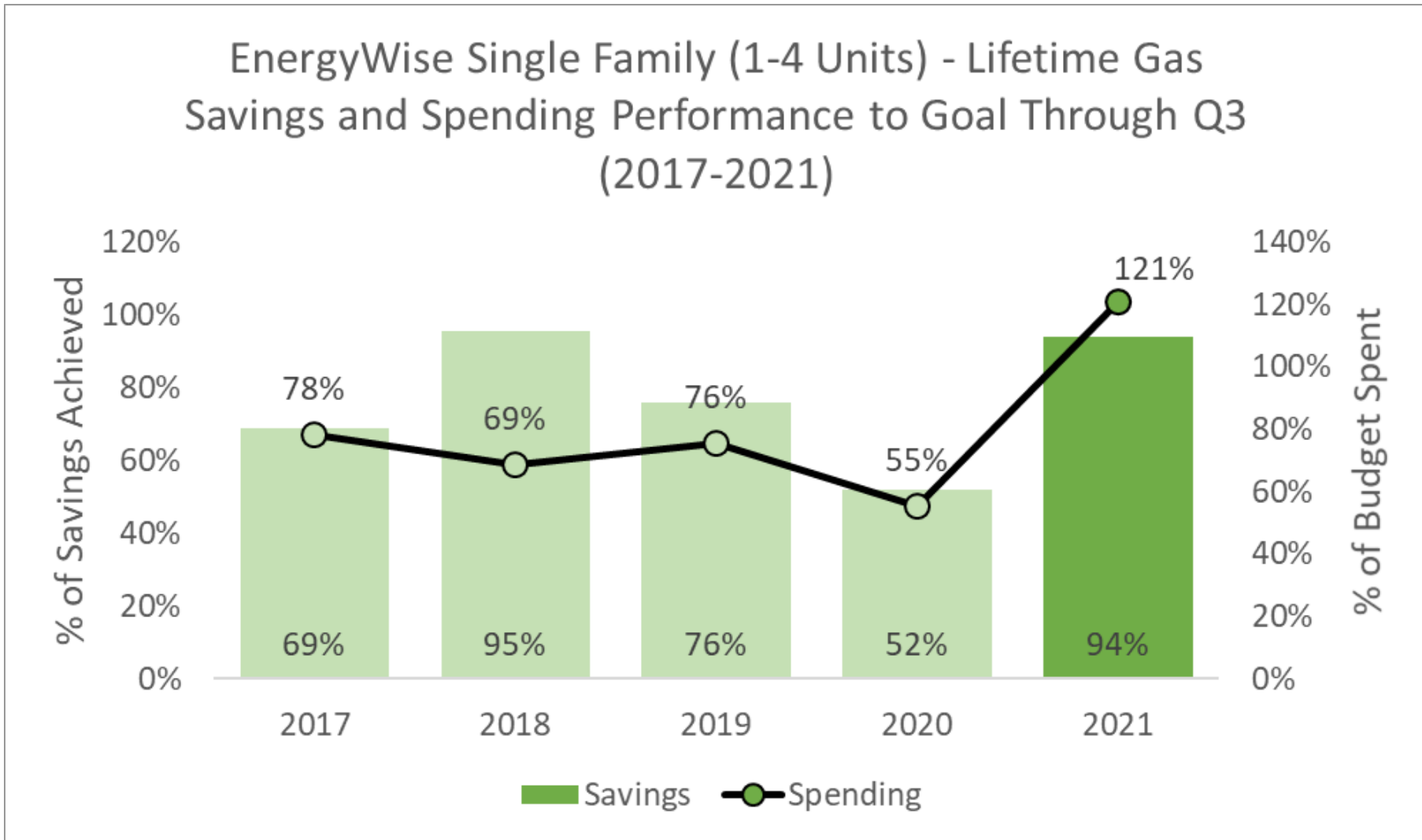
Gas Res Programs





Year-End Forecast	
Lifetime Savings	150.0%
Spending	198.1%

Gas Res Programs

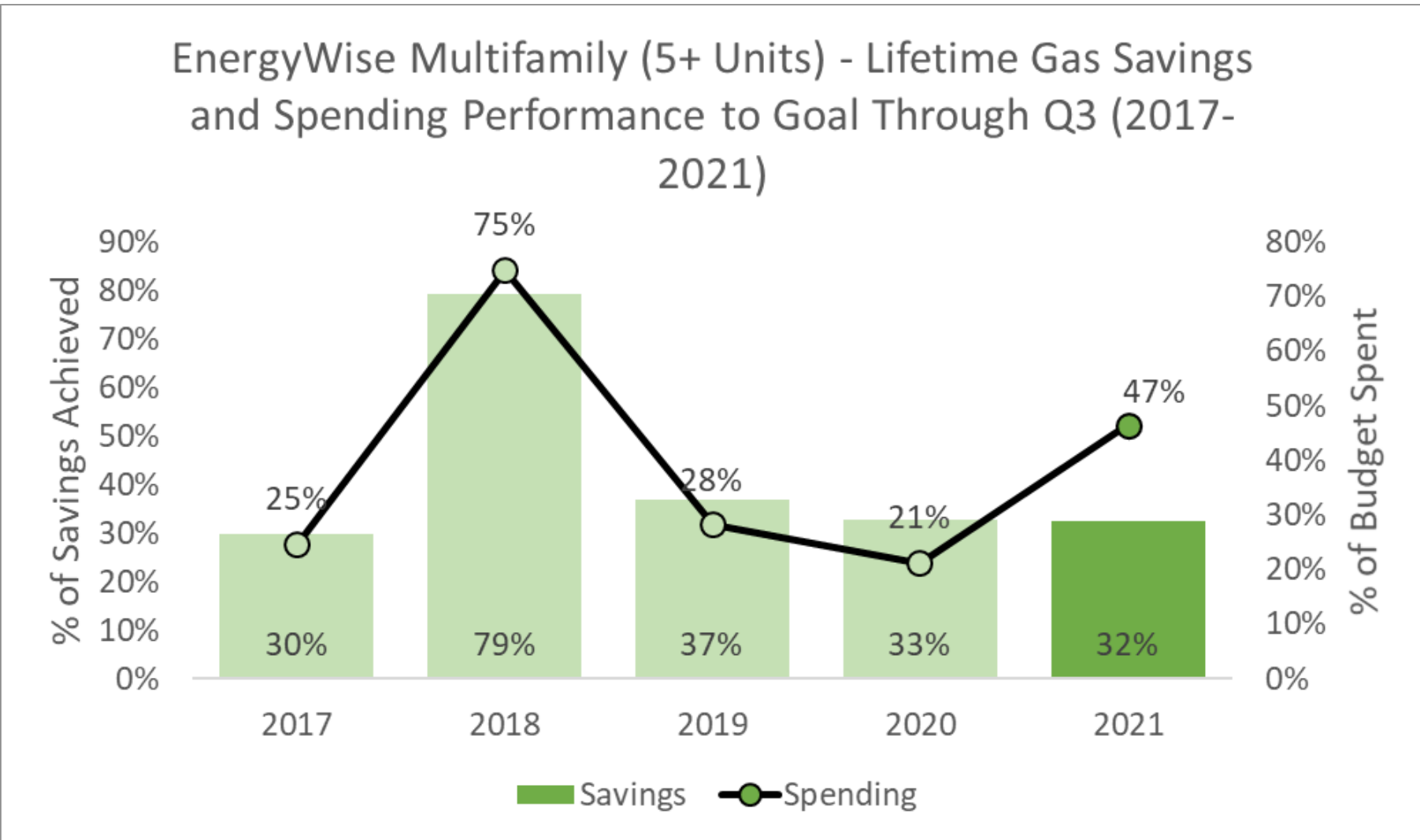




Year-End Forecast	
Lifetime Savings	100.0%
Spending	115.0%

Gas Res Programs

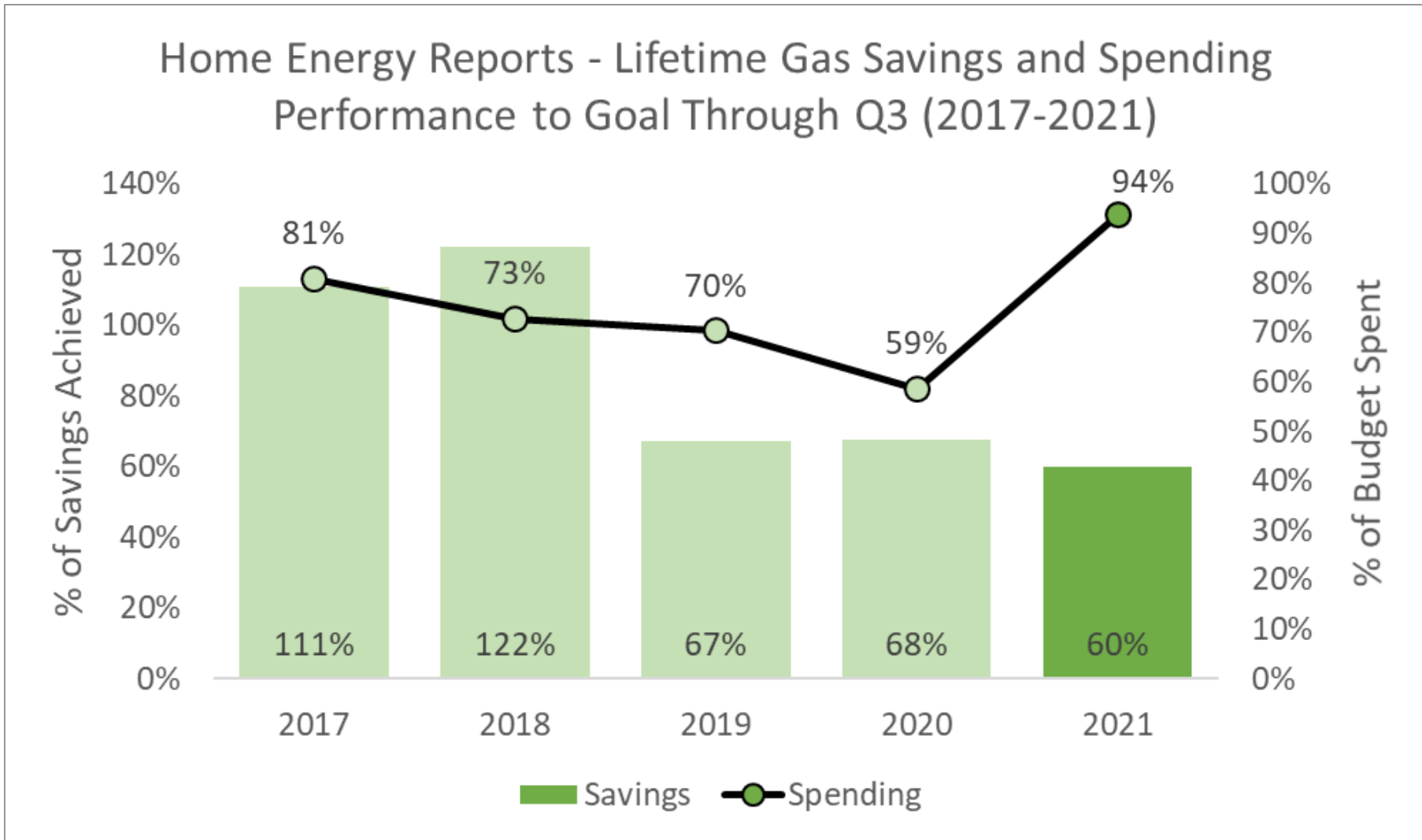
EnergyWise Multifamily (5+ Units) - Lifetime Gas Savings and Spending Performance to Goal Through Q3 (2017-2021)





Year-End Forecast	
Lifetime Savings	83.8%
Spending	83.3%

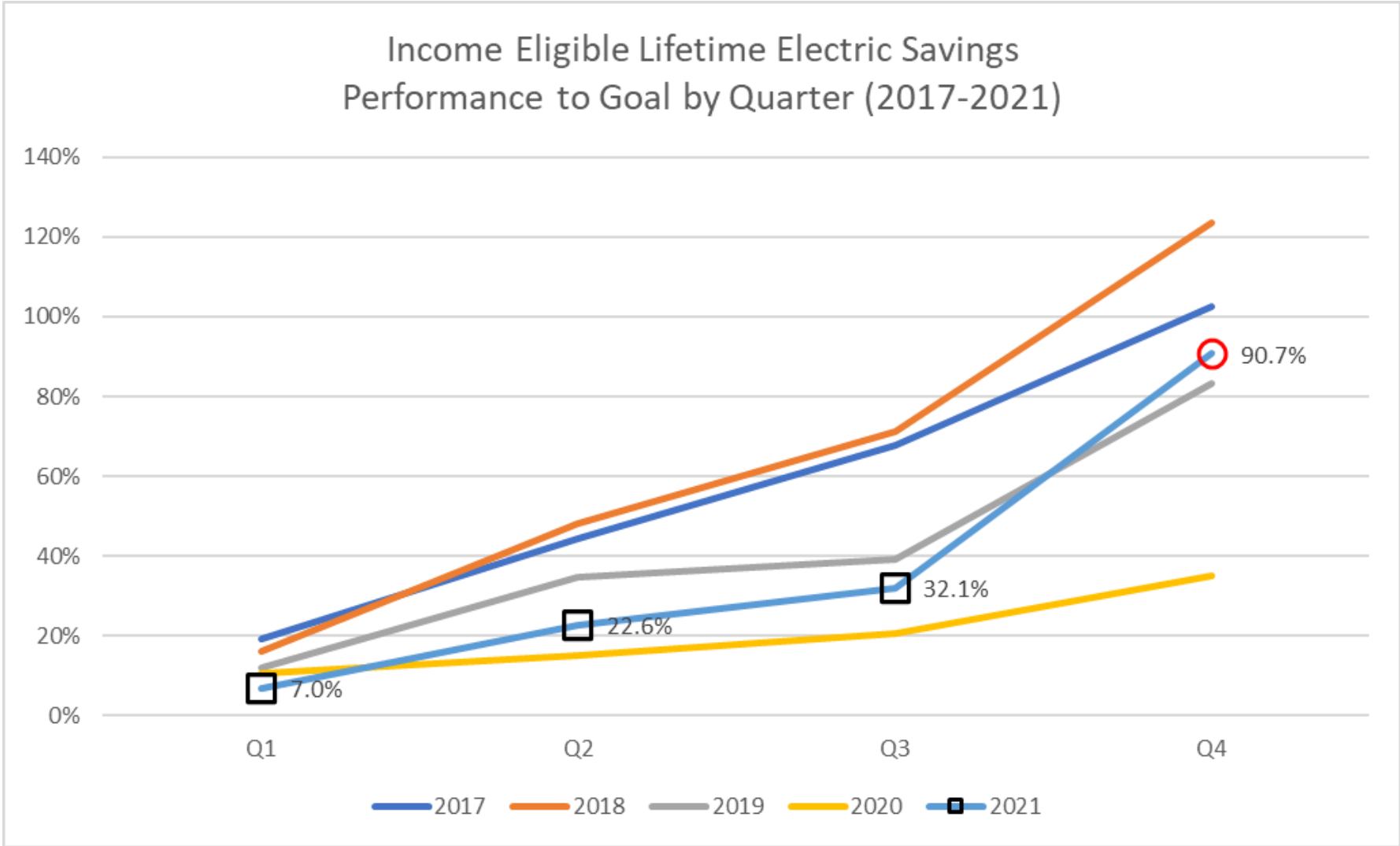
Gas Res Programs





Year-End Forecast	
Lifetime Savings	90.7%
Spending	88.2%

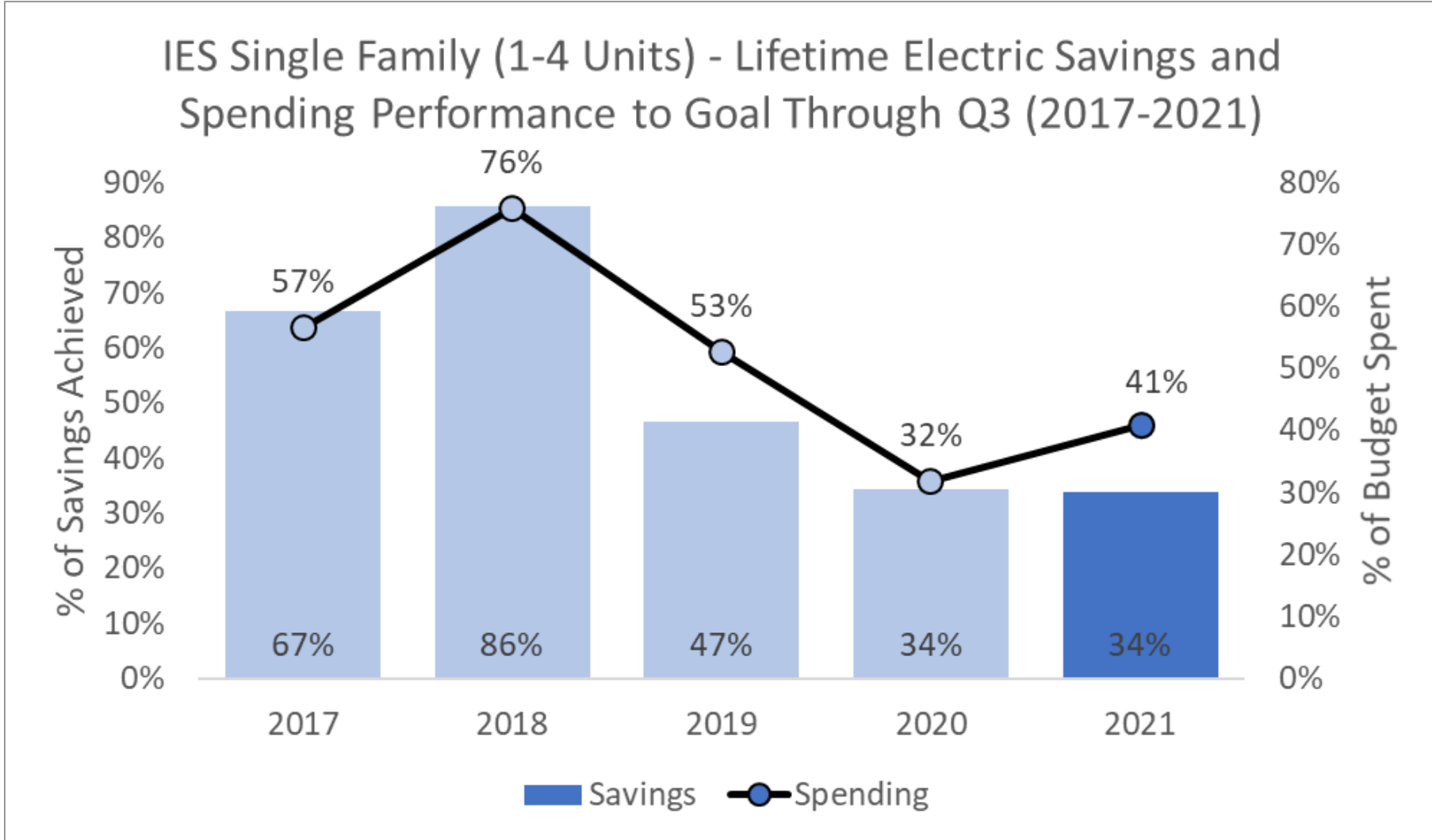
Electric IE Forecast





Year-End Forecast	
Lifetime Savings	85.0%
Spending	85.0%

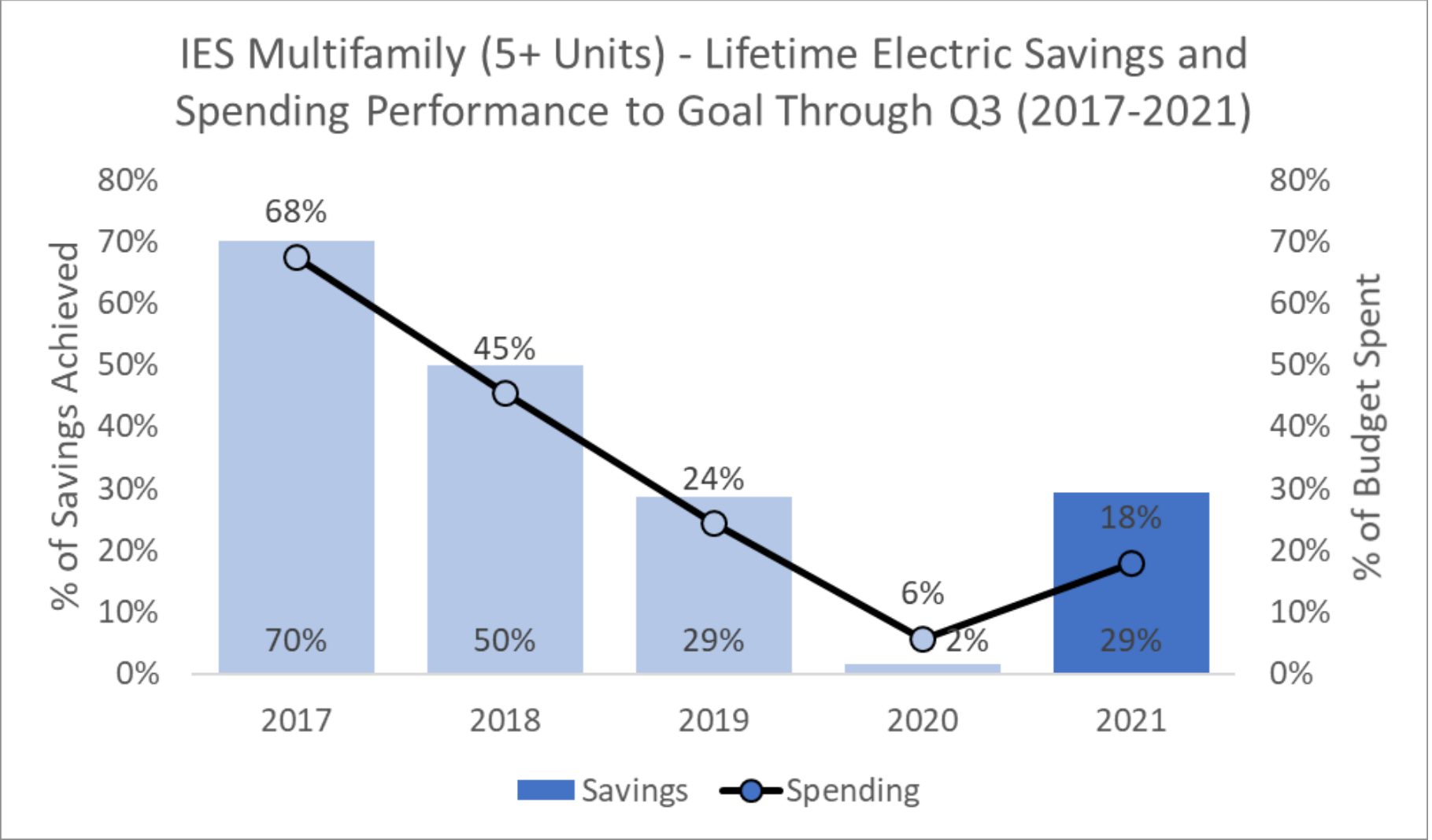
Electric IE Programs





Year-End Forecast	
Lifetime Savings	100.0%
Spending	100.0%

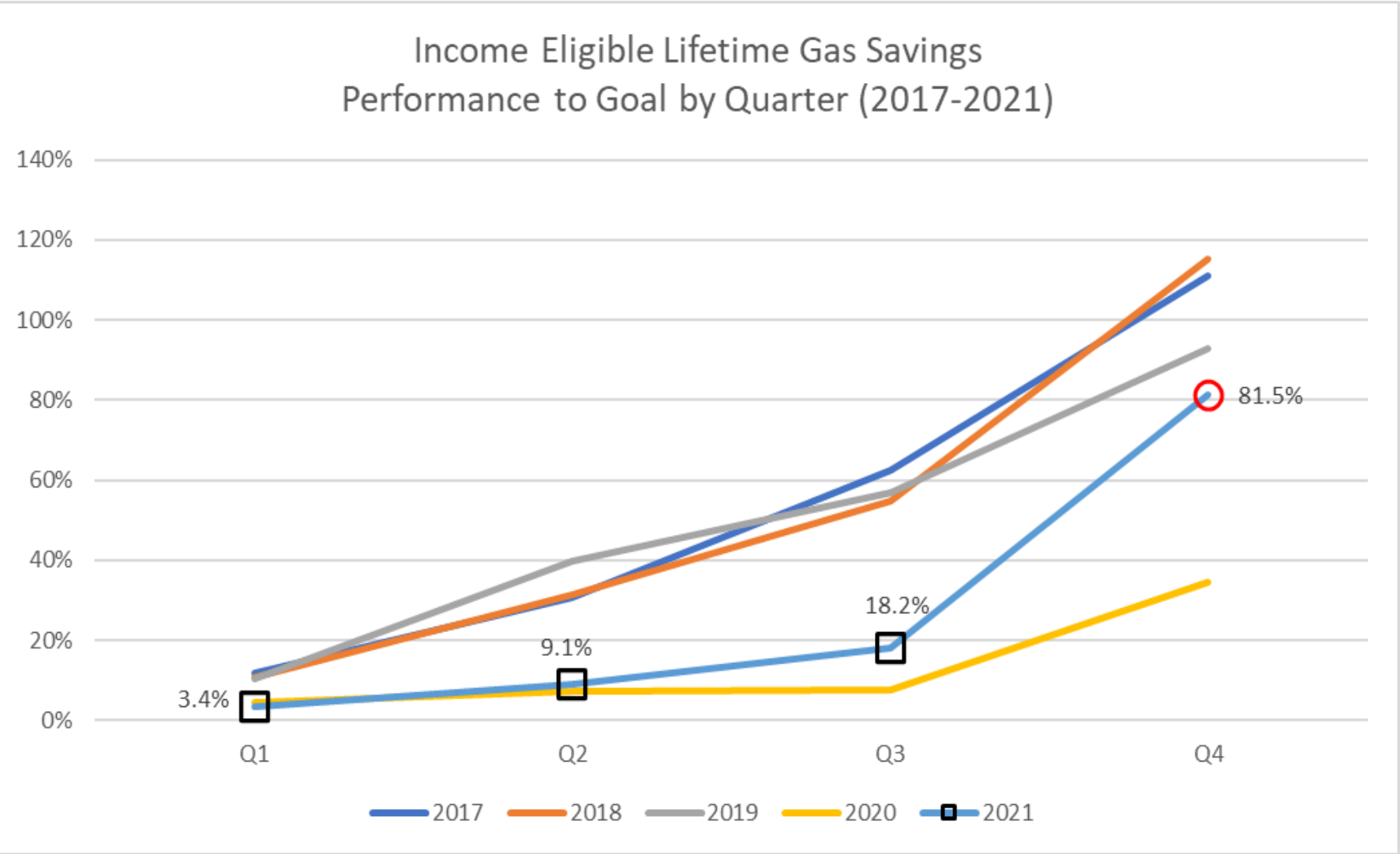
Electric IE Programs





Year-End Forecast	
Lifetime Savings	81.5%
Spending	90.0%

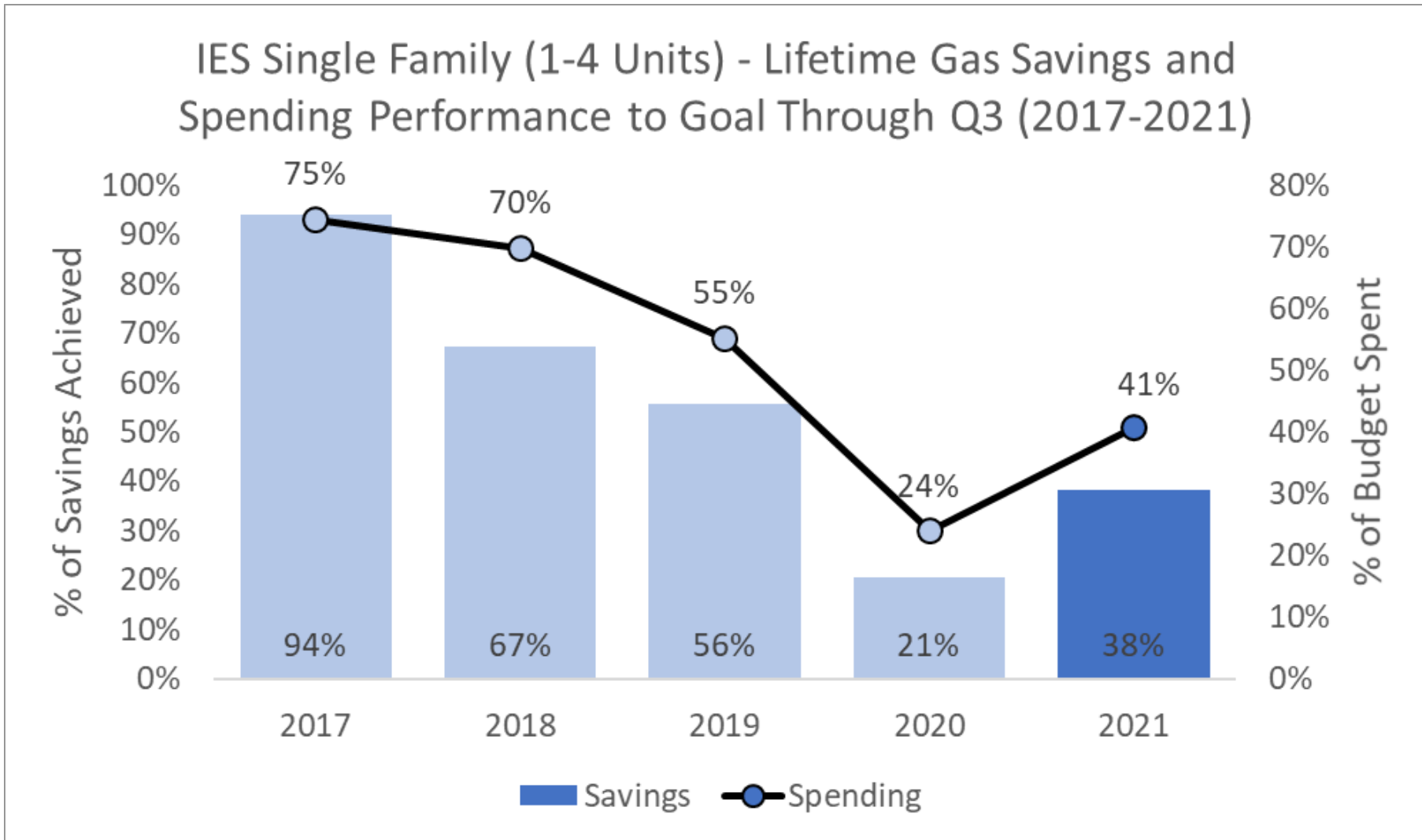
Gas IE Forecast





Year-End Forecast	
Lifetime Savings	90.0%
Spending	90.0%

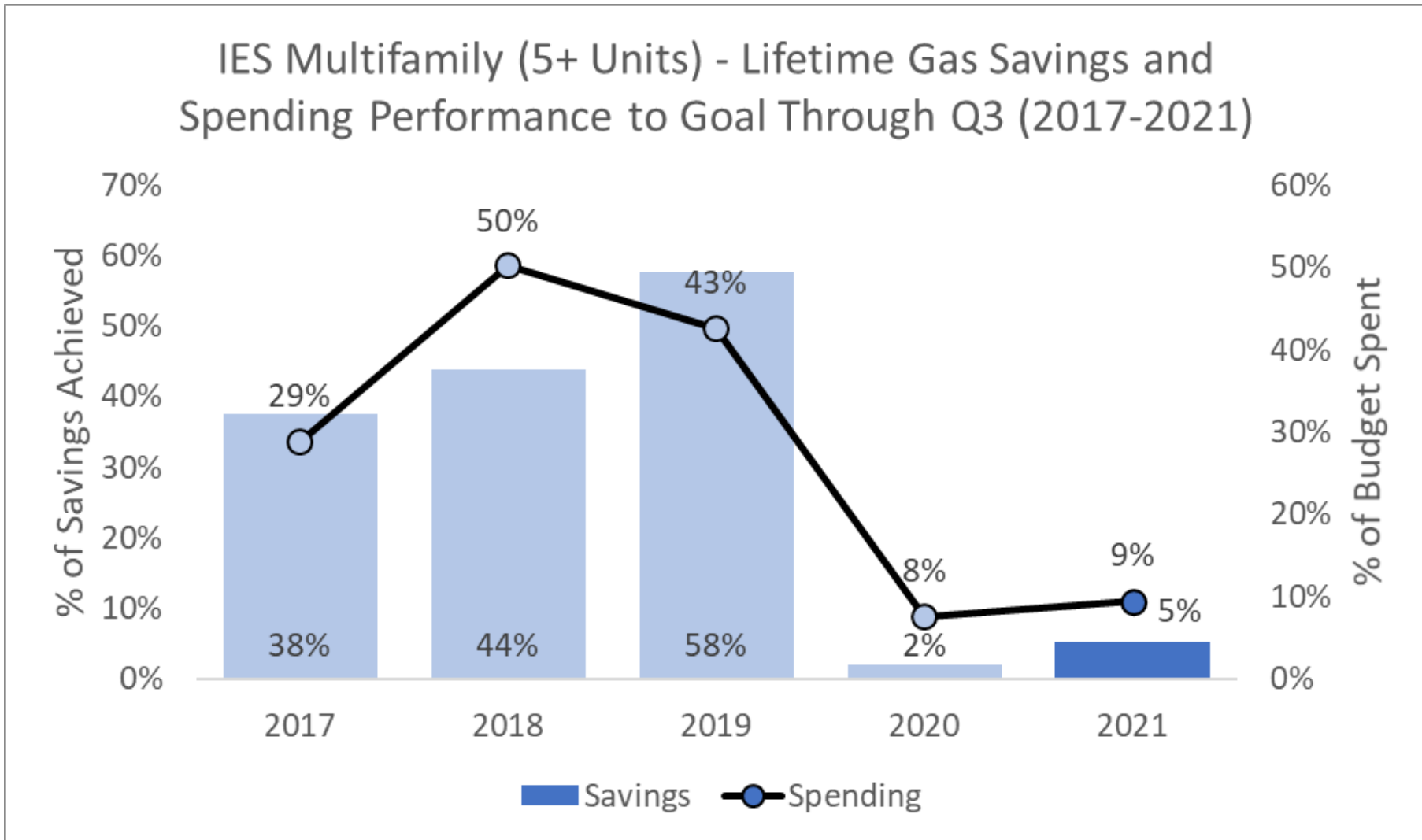
Gas IE Programs





Year-End Forecast	
Lifetime Savings	76.1%
Spending	90.0%

Gas IE Programs





Attachments

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- [See Commitments Tracker Attachment](#)