



STATE OF RHODE ISLAND
**ENERGY EFFICIENCY &
RESOURCE MANAGEMENT COUNCIL**

CONSULTANT TEAM

national**grid**

2021 Second Quarter Results Update

Presented to the EERMC By:
EERMC Consulting Team
National Grid

Date: August 19, 2021





Outline

Program Performance and Forecast

Consultant Team Select Program Highlights

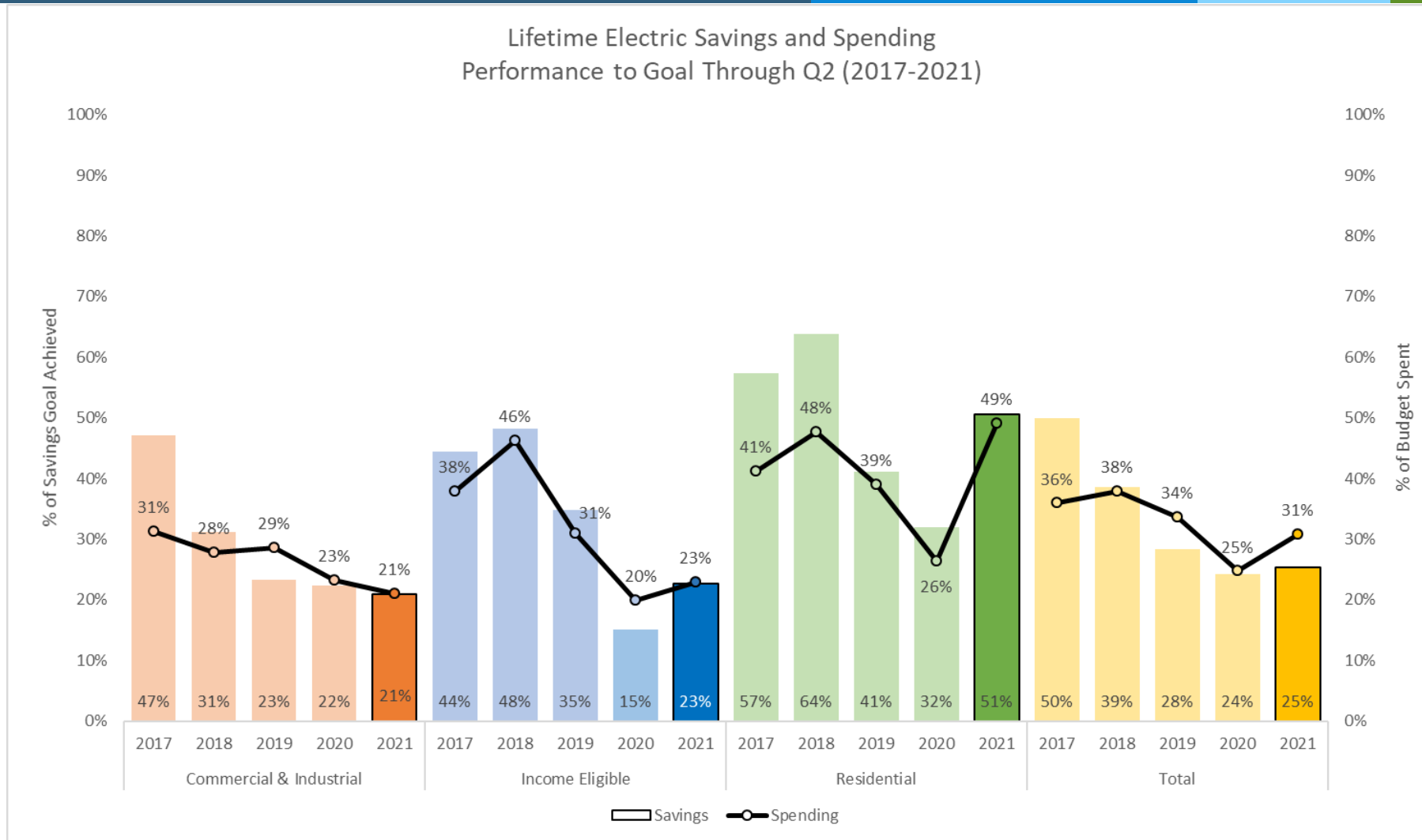
National Grid Sector Highlights

Update on 2021 Plan Commitments

Discussion



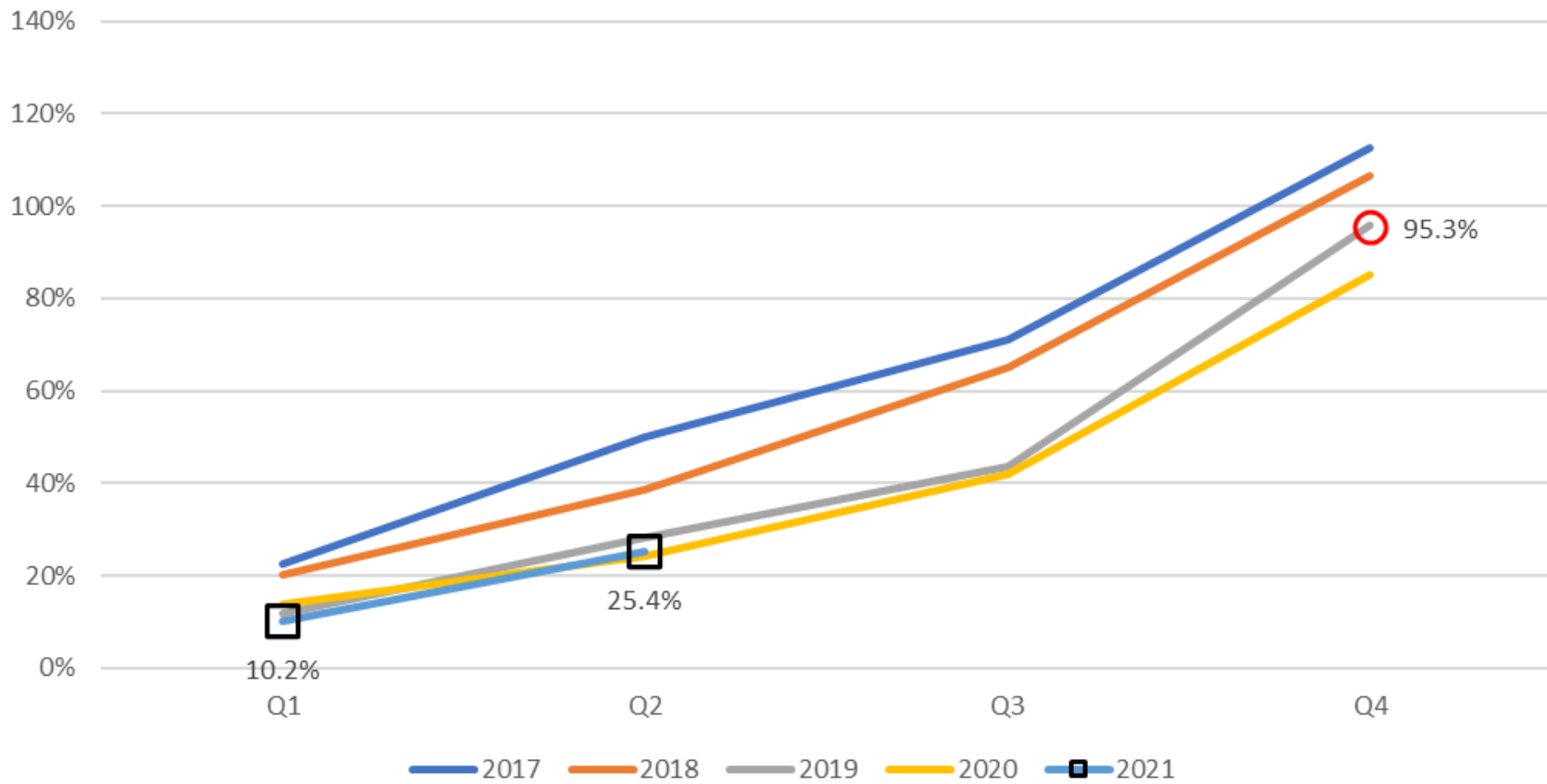
Electric Performance





Electric Performance & Forecast

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



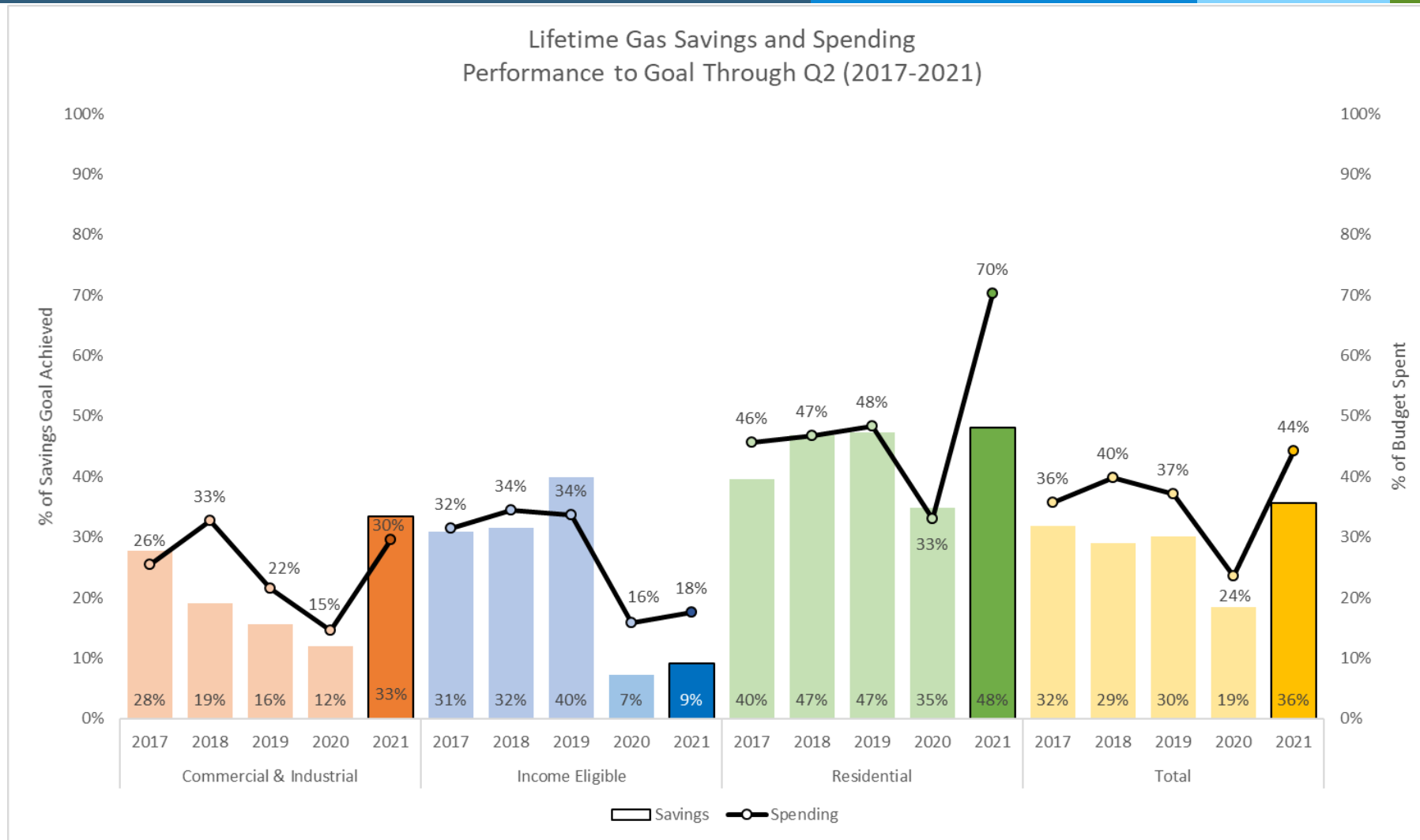
Lifetime Electric Savings Year-End Forecast	
Portfolio	95.3%
Residential	106.5%
Income Eligible	100.0%
Commercial & Industrial	93.0%

Electric Spending Year-End Forecast	
Portfolio	101.0%
Residential	111.9%
Income Eligible	100.0%
Commercial & Industrial	94.3%

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



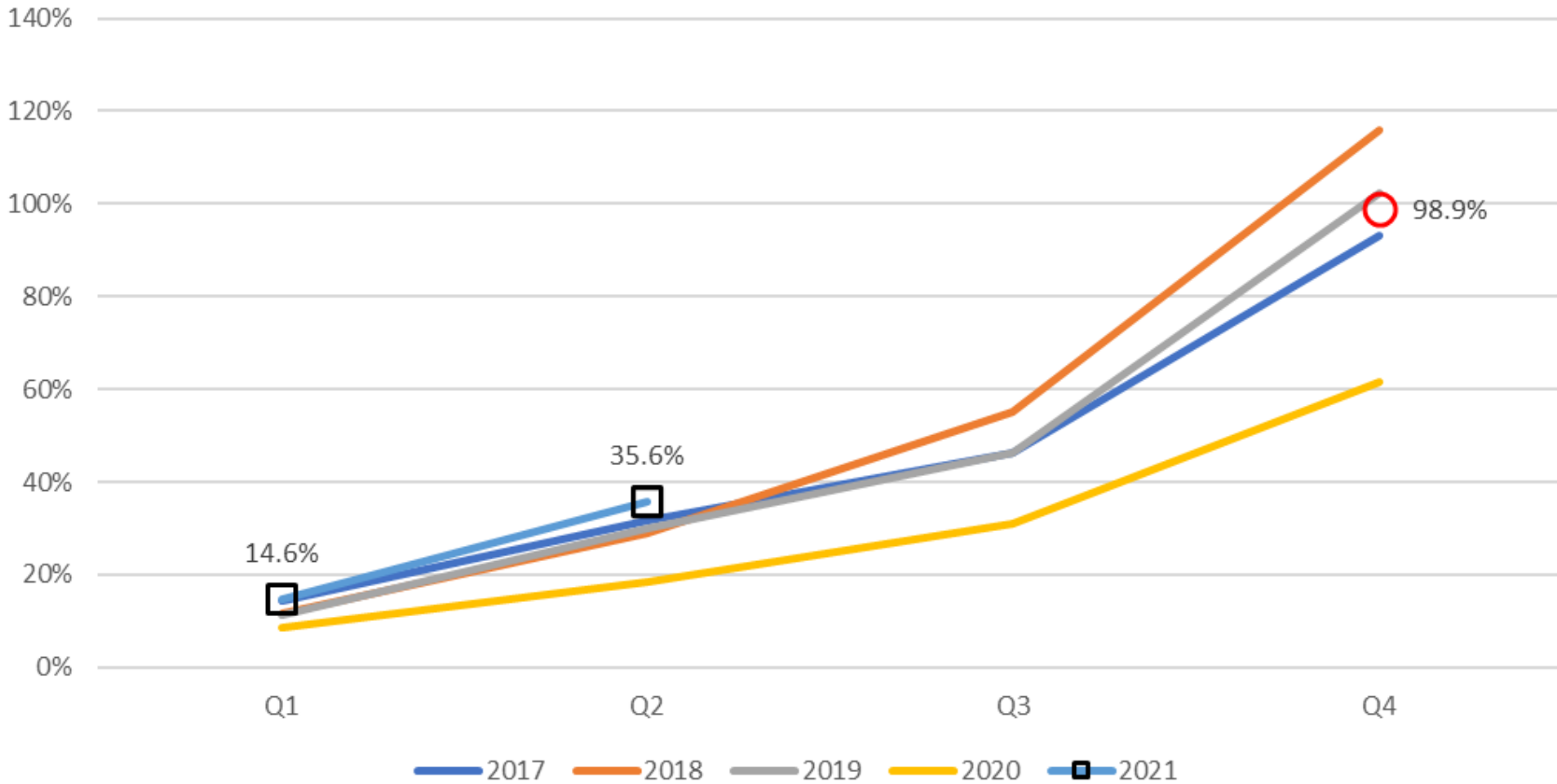
Gas Performance





Gas Performance & Forecast

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



Lifetime Gas Savings Year-End Forecast

Portfolio	98.9%
Residential	104.8%
Income Eligible	84.7%
Commercial & Industrial	98.2%

Gas Spending Year-End Forecast

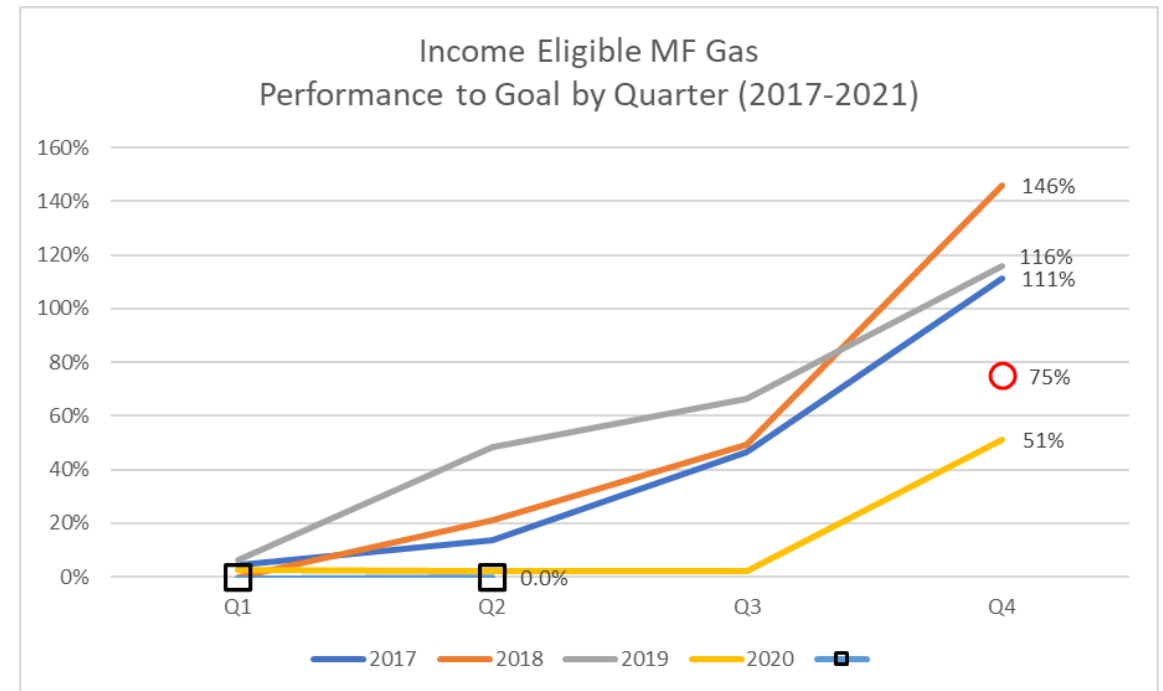
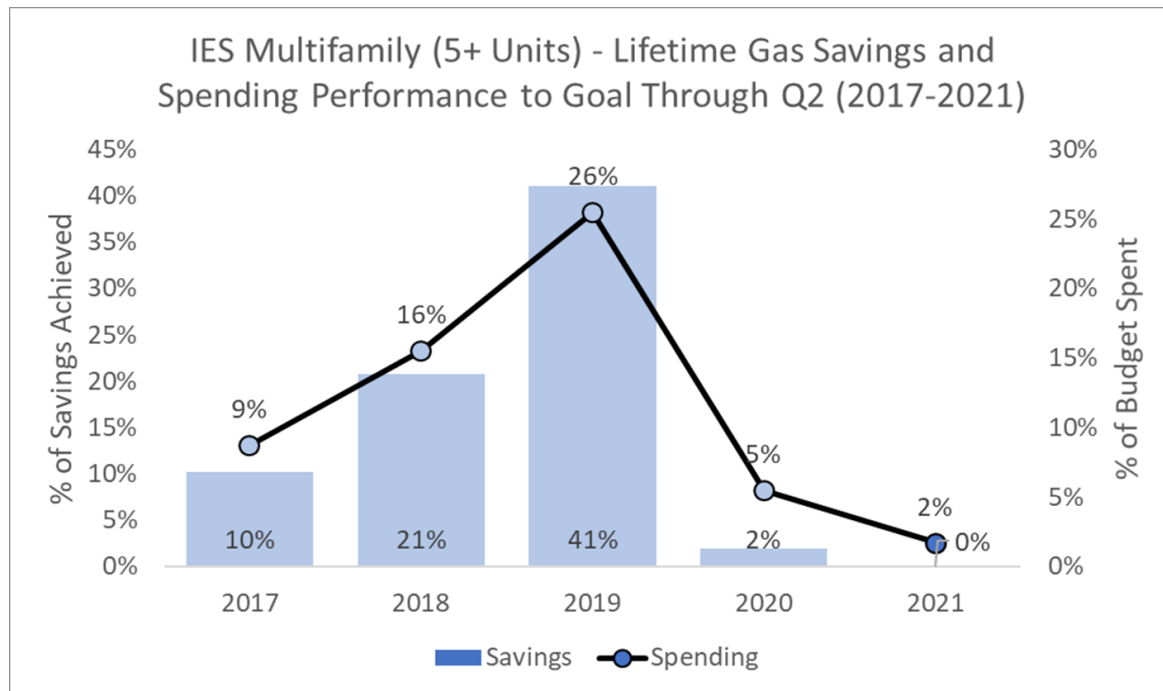
Portfolio	114.8%
Residential	149.6%
Income Eligible	91.6%
Commercial & Industrial	83.1%

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



Residential Updates

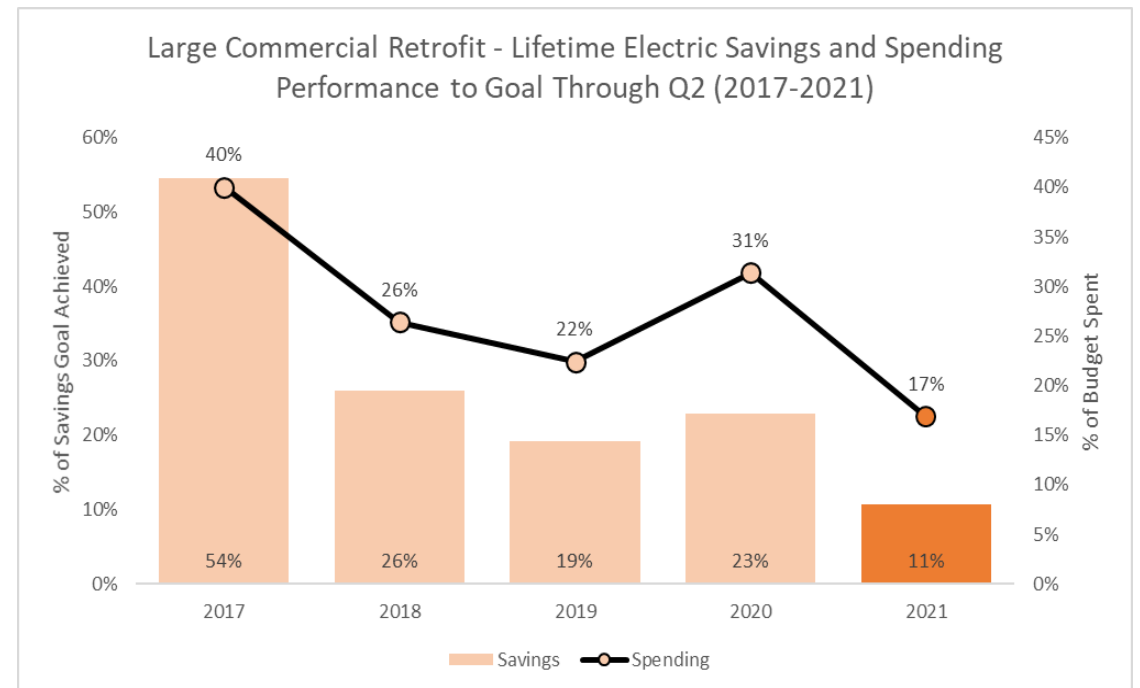
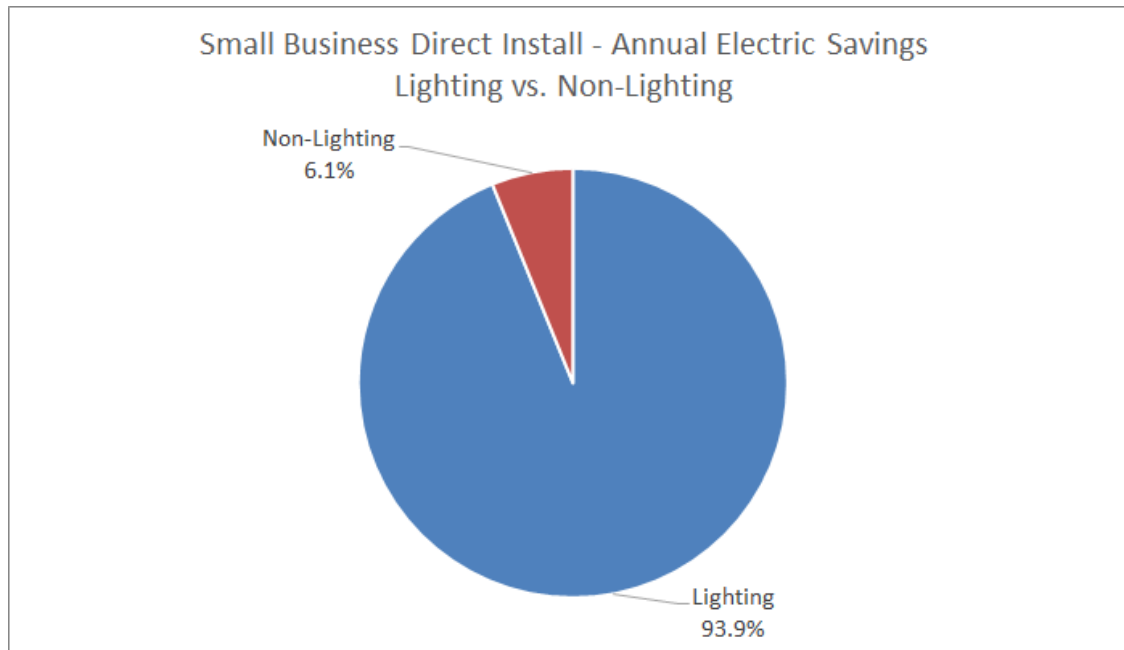
- IES Multifamily Gas *still* has virtually no savings halfway through the year
- Hitting forecast of 75% of lifetime savings goal will require significant progress in the second half of the year





Commercial & Industrial Updates

- Small Business program continues to deliver consistent savings, though still highly dependent on lighting (resource we know is declining)
- Large C&I Retrofit lagging significantly compared to Q2 in prior years





Residential Highlights

New Construction (RNC)

- Rhode Island's first Passive House certified renovation was completed this quarter

Income Eligible Services (IES)

- Quarterly Best Practice and CAP Executive Director meetings focused on utilizing the 3rd-party referral process for weatherization and the need for timely invoice submissions.

EnergyWise Single Family

- Weatherization incentives reduced to 50% of total costs up to \$4,000 to better align resources and customer demand

Multifamily

- Coddington Cove Apartments (Navy Housing site) to be featured in a case study illustrating the savings benefits and the process of going through the program
- The lead vendor now has a full-time marketing specialist focusing on improving participation and diversity of the program, specifically with condos and smaller apartments.

ENERGYSTAR® HVAC

- Several contractors adopted the new HVAC Check reporting portal version 2.0 in Q2
- Enhanced Heat Pump Rebates for Residential Oil and Propane Heating Customer ramped up in Q2 (18 customers served, 26 systems installed, 5 loans processed)

Home Energy Reports (HER)

- HER 3.0 distributed to customers



C&I Project Highlights

New Construction

- Brown University signed on to the Zero Net Energy (ZNE) Program Pathway in 2 dorms

Retrofit

- Customer installed a fume mitigation system to reduce energy use by 1,217 annual MWh
- National chain grocer installed coffin case freezers with glass lids and self-contained medium temperature doors across 12 RI locations yielding 93 annual MWh in savings
- Wholesale club installed e-commerce cases in 3 RI locations saving 19.9 annual MWh

Small Business Direct Install

- Completed installation of wireless controlled LED fixtures with program grouping capabilities and occupancy sensors for an insurance company
- Projected to save 169 net annual MWh/year
- Diner in East Greenwich also installed LED fixtures and will save 5 net annual MWh/year
- Completed a project to service individuals with developmental disabilities to balance the temperature throughout the heating space, expected to save 105 net annual MWh/year




Evaluation, Measurement, and Verification

- Residential Gas Peak Demand Study completed to quantify the percentage of demand that occurs during a natural gas peak demand day for a single family



2021 Plan Commitments

- C-Team compiled all 120 commitments made in the 2021 Plan narrative
- Tracking methods, metrics, and timelines developed in collaboration with National Grid, OER, and the Division
- 88 commitments to receive updates through Q2, with remaining 32 receiving updates in Q3 and Q4

 Complete	8
 In Progress/On Track	54
 Not Started/Not on Track	26

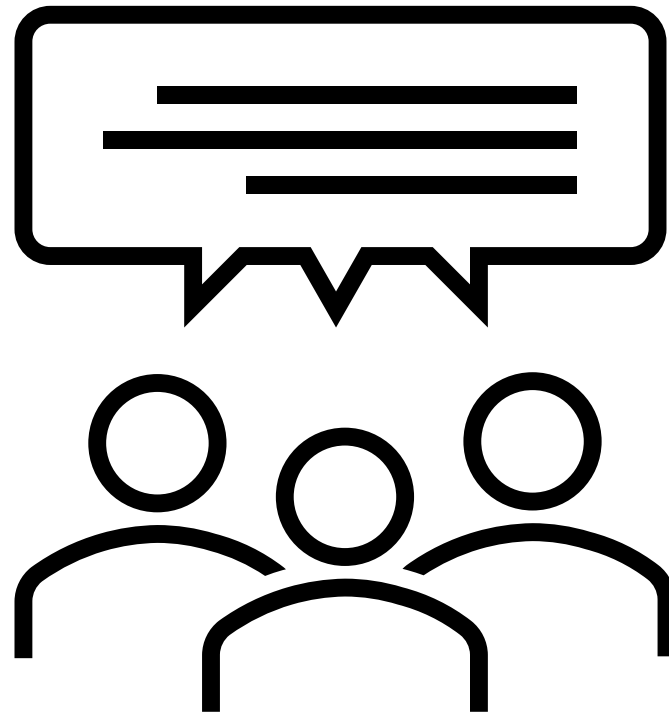


2021 Plan Commitments

Sector	Program	Topic	Commitment	Tracking Metric	Tracking Method	Timeline	Commitment Update	Status
Residential	EnergyWise Single Family	Renter/Landlord Participation	The Company will increase marketing to encourage renter and landlord participation in EnergyWise	Provide updates on how much was spent on marketing materials to these customers in 2021, including what was funded (e.g. webinars, flyers, etc).	Quarterly update.	Ongoing	Specific landlord mailing going out to 3,700 customers. Next steps and possible follow-ups will be determined by response rate from initially mailing. Q2: Classic home mailer dropped and landlord contacted the company to make sure they could get low-e storm windows for each unit of their triple decker rental units. Mailer had information about 100% landlord incentive, low e storm windows and fridge recycling.	In Progress/On Track ●
Residential	Income Eligible Services	Income Eligible Discount Rate Enrollment	The Company will work to ensure applicable customers are enrolled in the discount rate program, coordinating with National Grid's Consumer Advocacy Team to cross-promote IES offerings when customers enroll in the discount rates to support their ability to access comprehensive, no-cost energy efficiency services. As customers move to the discount rate, the Company proposes to create a welcome package to encourage participation in applicable efficiency programming.	Provide description and materials associated with the welcome package.	Written update on a quarterly basis until package is developed and in the field.	Ongoing	IES Marketing team completed the Welcome Package, and has completed two direct mail distributions to a total of 1,069 customers. February: 658 (direct mail) June: 411 (direct mail) Upcoming distributions will be coordinated with the Company's Auto Enrollment Program.	In Progress/On Track ●
Commercial & Industrial	Large Commercial Retrofit Program	Grocery Initiative	The Company will provide financing support for small- and medium sized independent grocers through OBR or through an interest buy down mechanism in partnership with third party providers of debt capital.	Amount loaned and gross savings supported.	Written updates quarterly.	Q2	The Company has carved out \$200,000 in OBR funds to serve this market. Vendor indicates there is not much interest so far in 2021.	In Progress/On Track ●
Commercial & Industrial	Large Commercial Retrofit Program	Lodging Initiative	The Company employed an external vendor, who will continue to research important areas of focus such as the savings and best practices for deployment of guest room energy management systems (GREMS), kitchen hood controls, and ozone laundry, so that the Company can capture these opportunities without an unifying vendor.	Provide information about the research conducted and how the research will be used.	Share results of research with C-team when available	Q2	Vendor has begun research. Scheduled delivery is end of Q2.	In Progress/On Track ●



Council Member Discussion





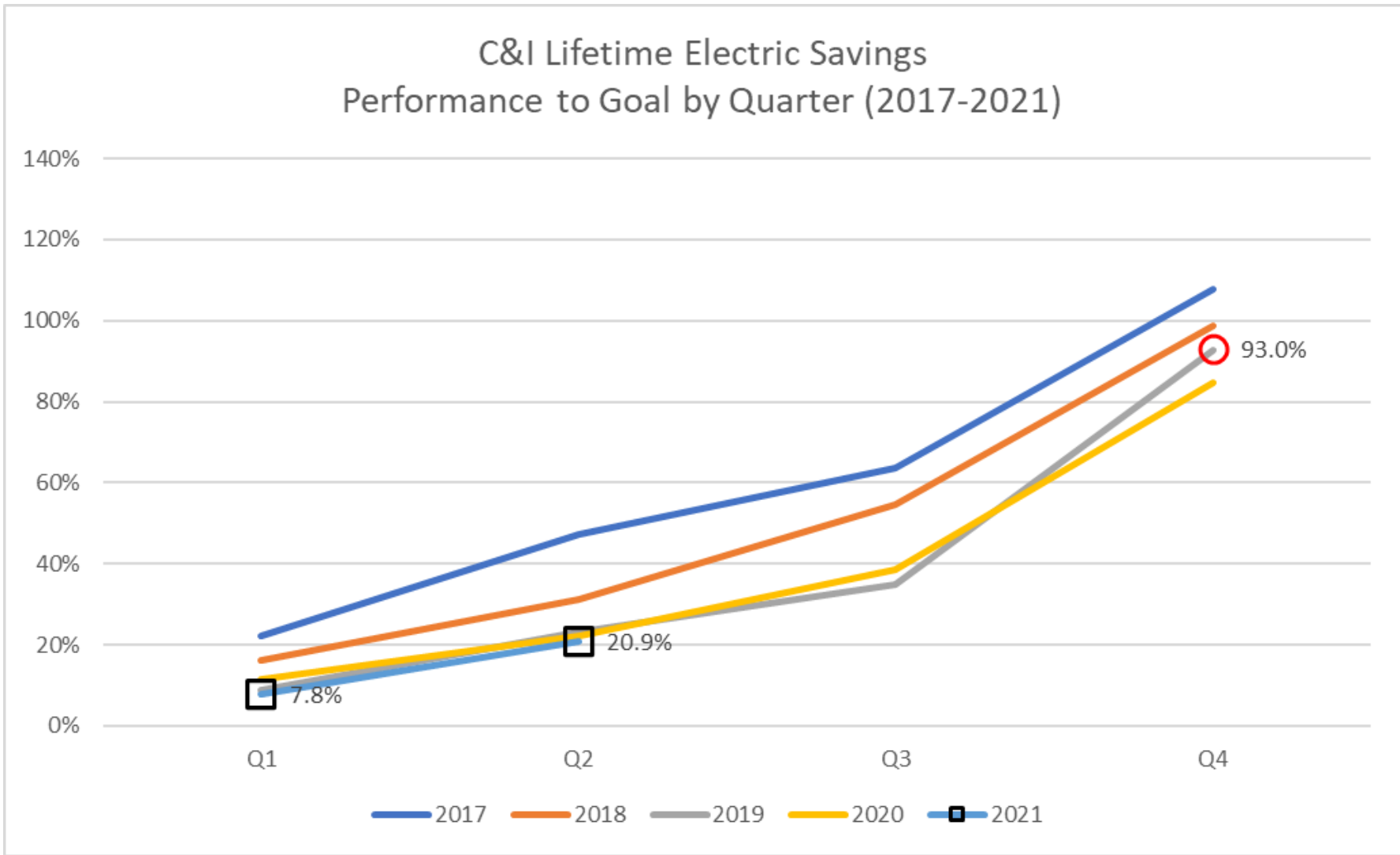
Appendix





Year-End Forecast	
Lifetime Savings	93.0%
Spending	94.3%

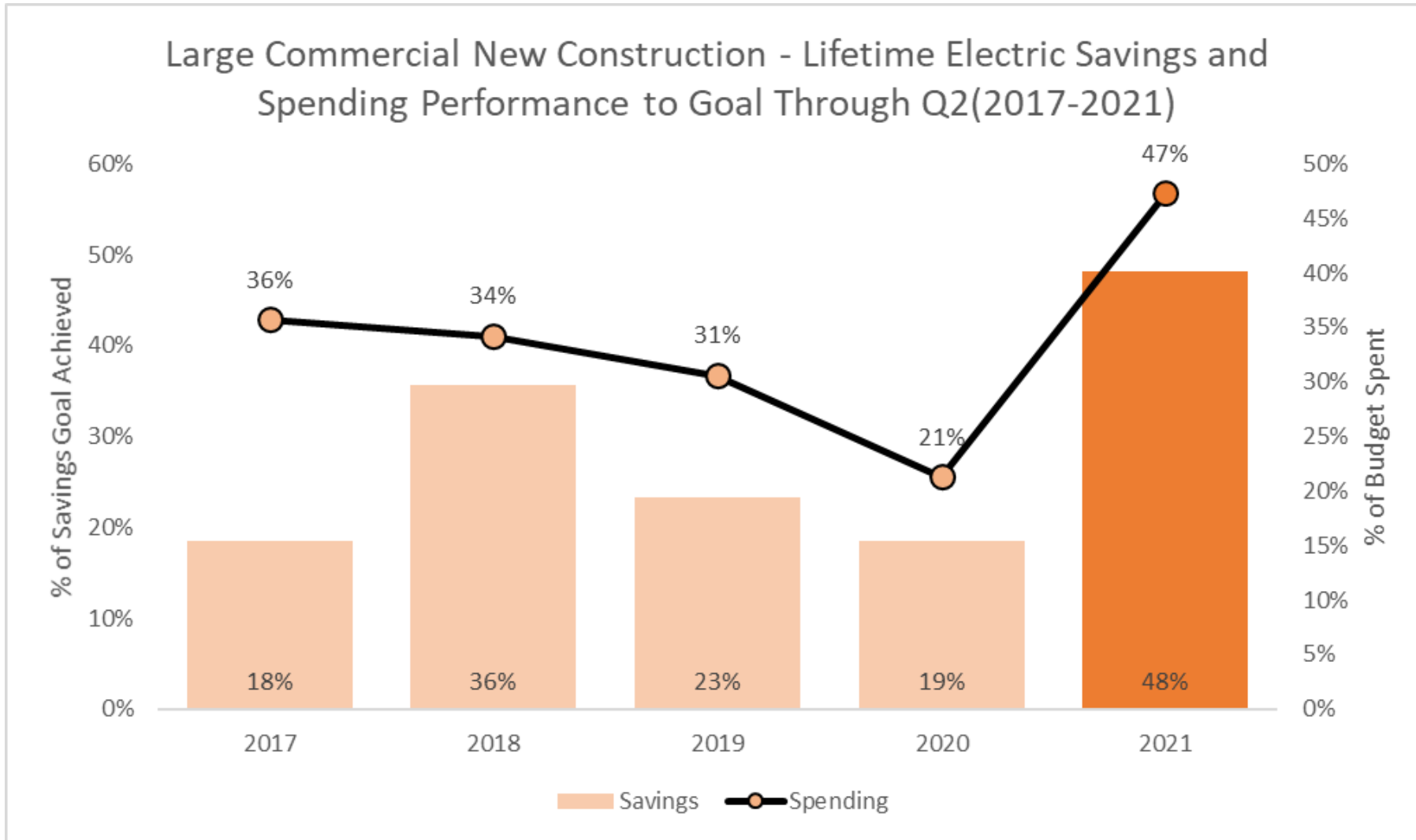
Electric C&I Forecast





Year-End Forecast	
Lifetime Savings	117.6%
Spending	96.8%

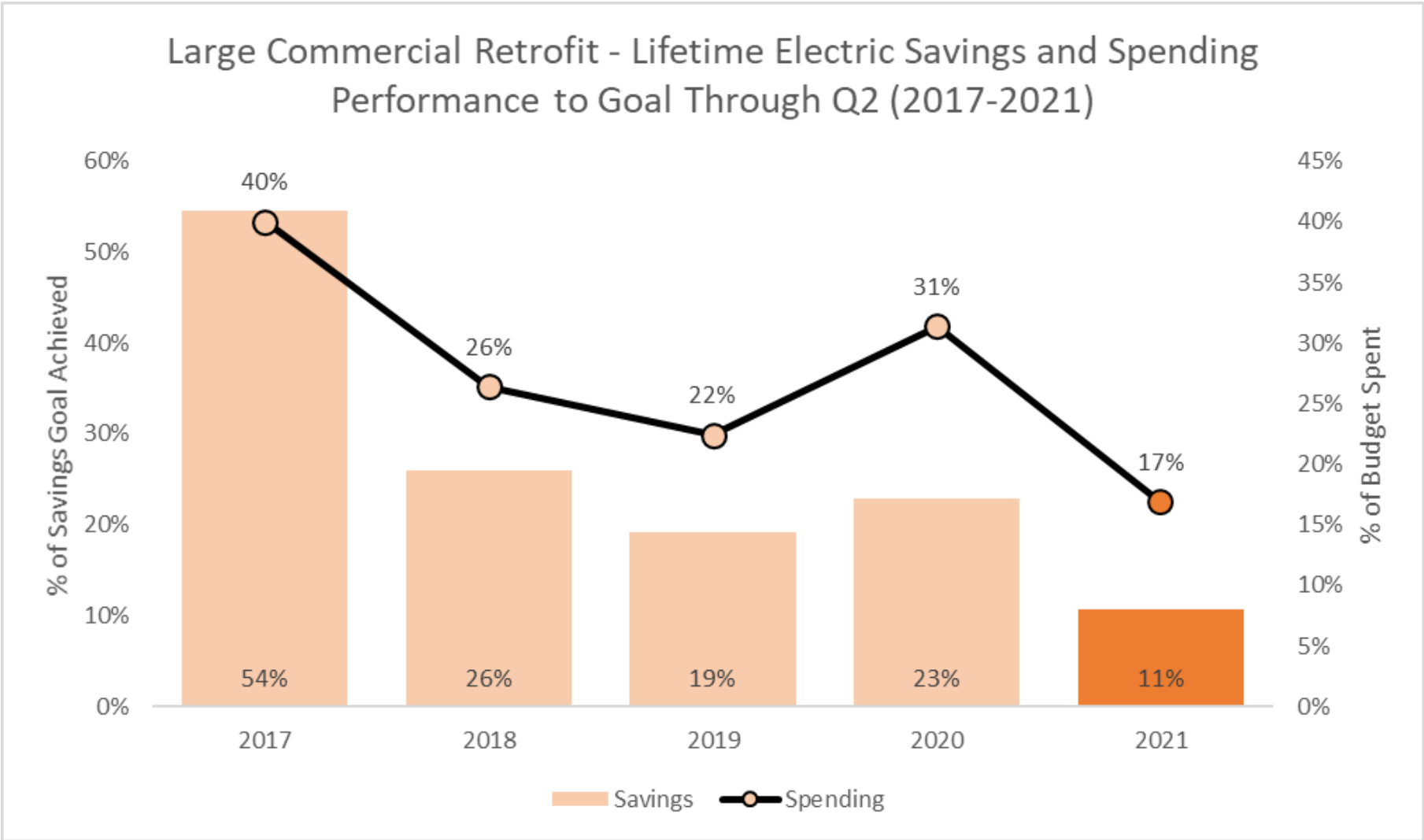
Electric C&I Programs





Year-End Forecast	
Lifetime Savings	84.3%
Spending	90.6%

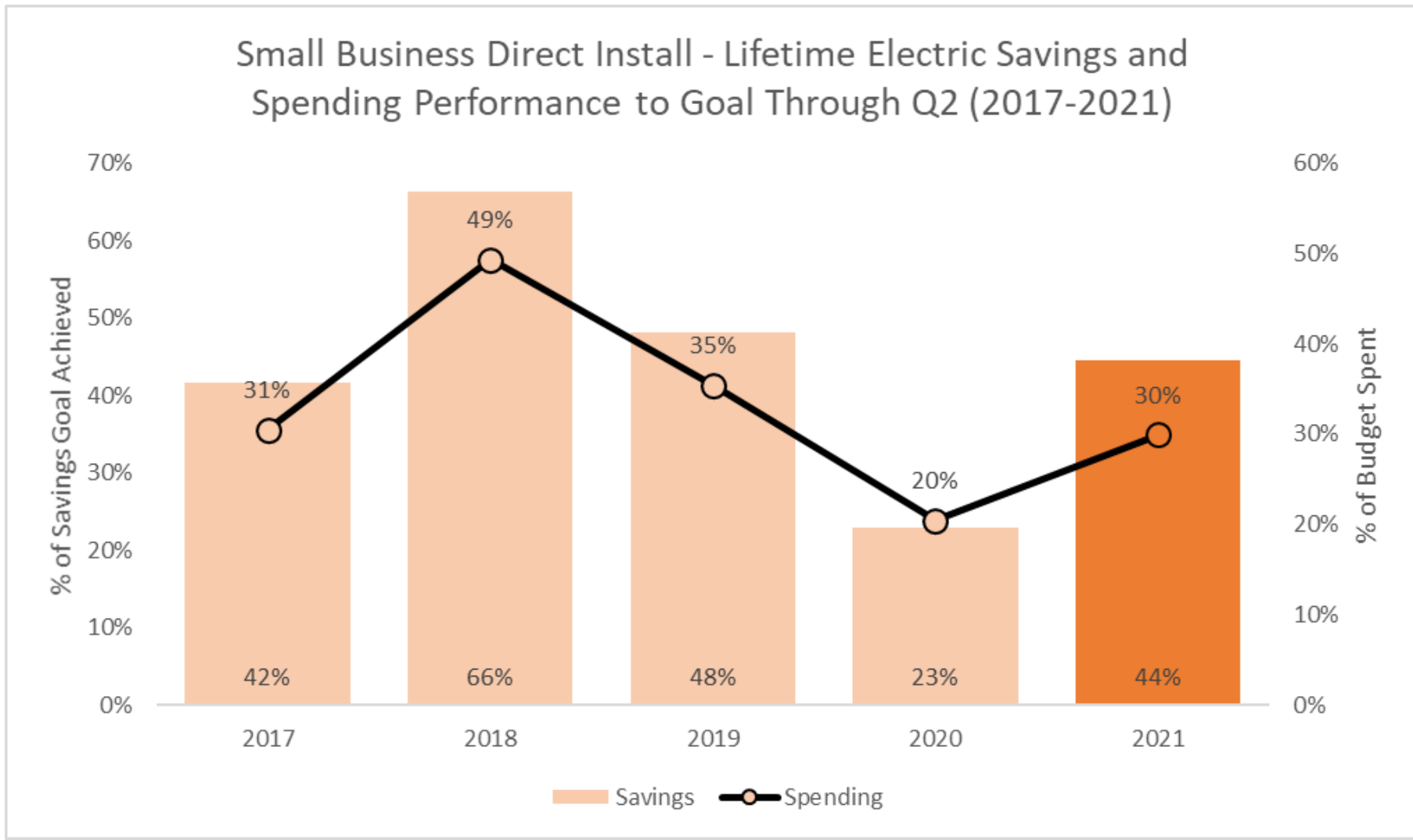
Electric C&I Programs





Year-End Forecast	
Lifetime Savings	110.0%
Spending	100.0%

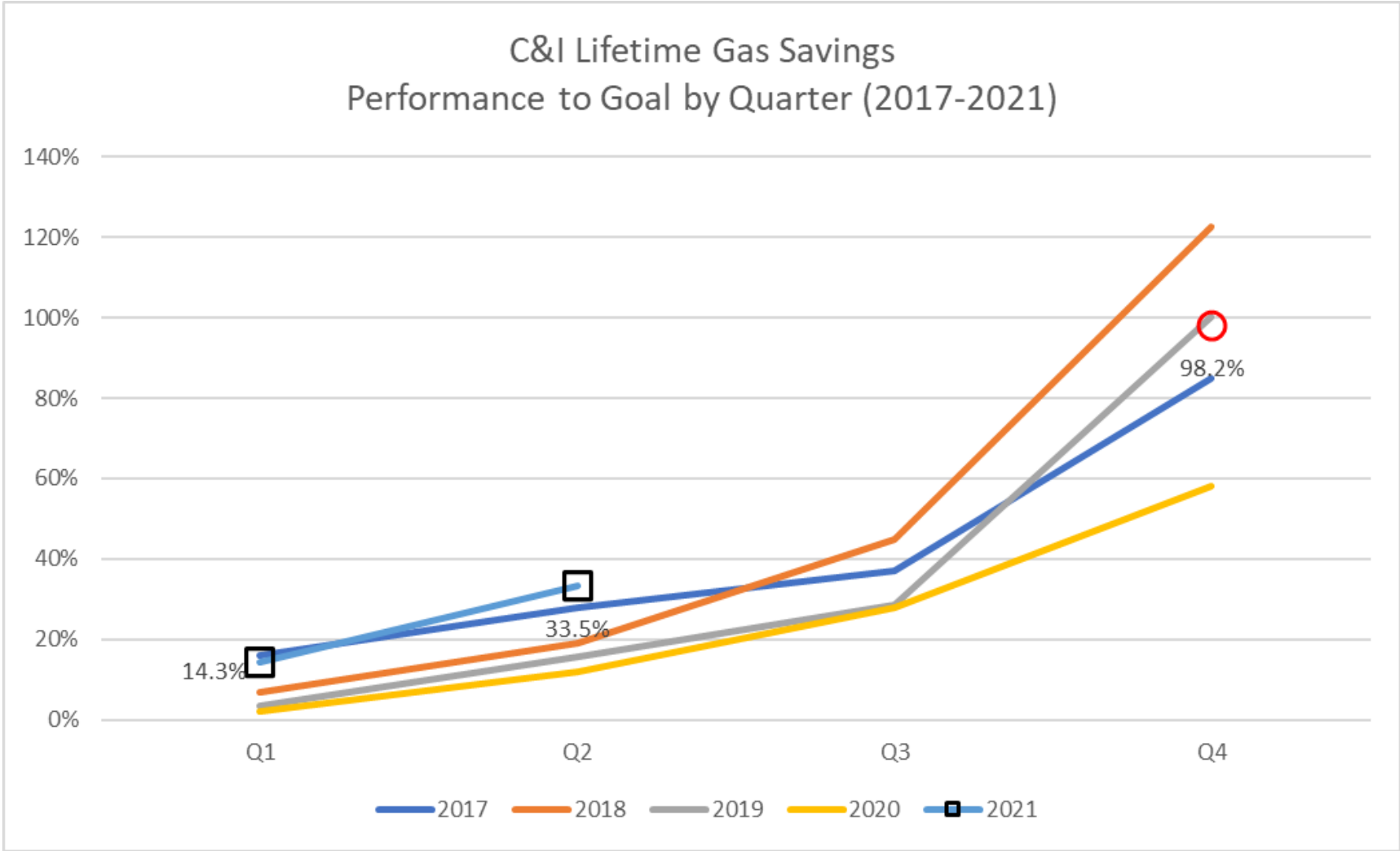
Electric C&I Programs





Year-End Forecast	
Lifetime Savings	98.2%
Spending	83.1%

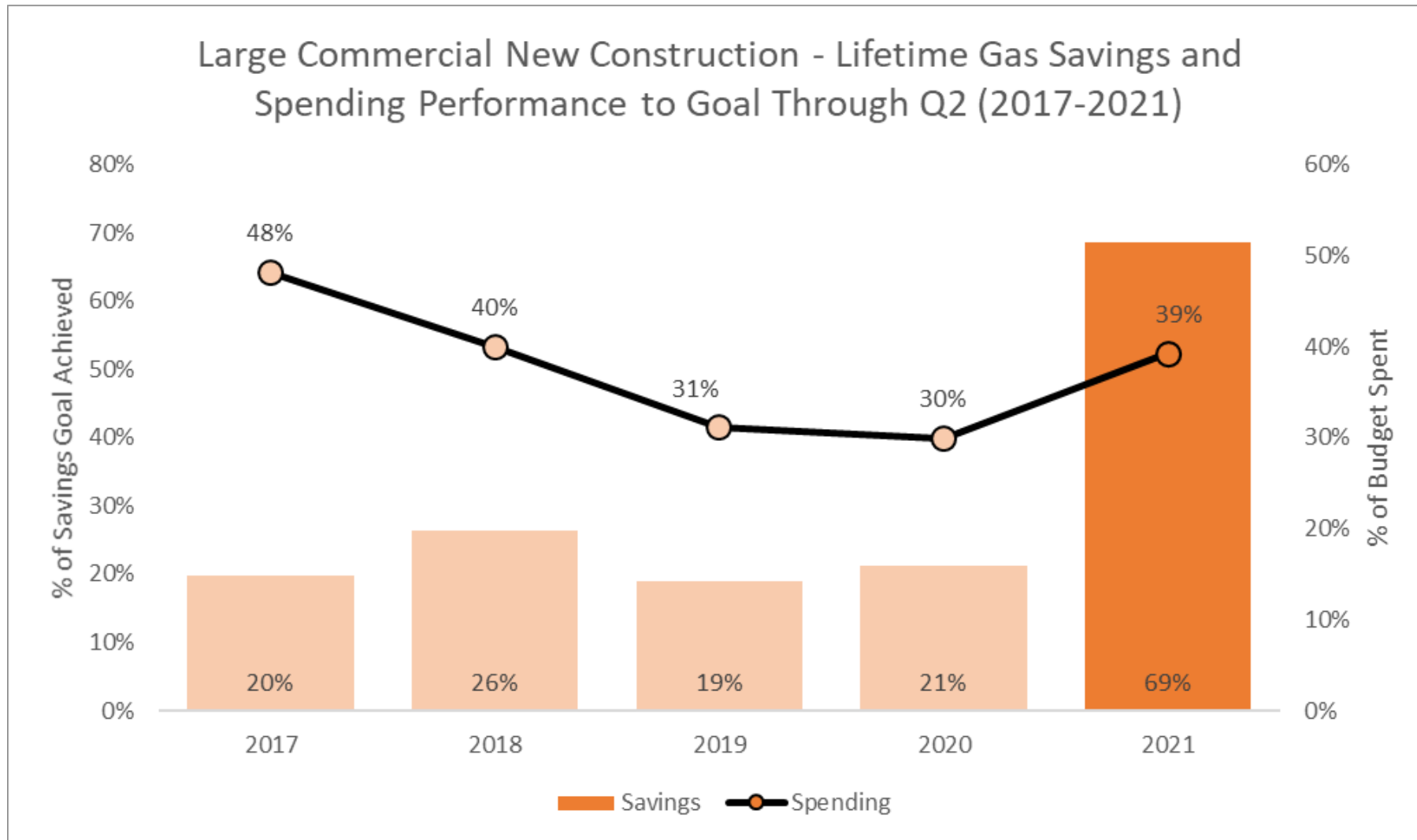
Gas C&I Forecast





Year-End Forecast	
Lifetime Savings	204.5%
Spending	100.6%

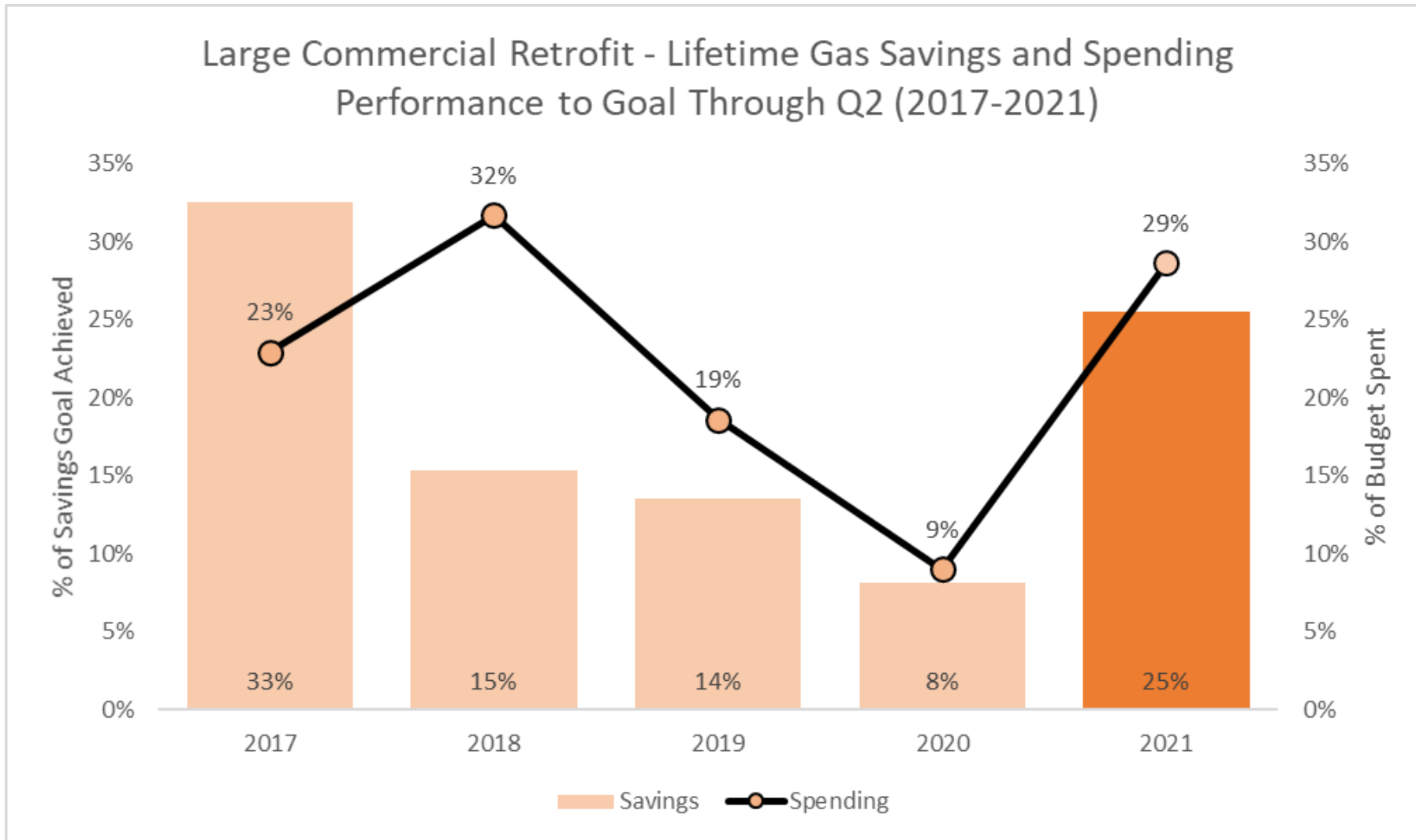
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	68.0%
Spending	75.1%

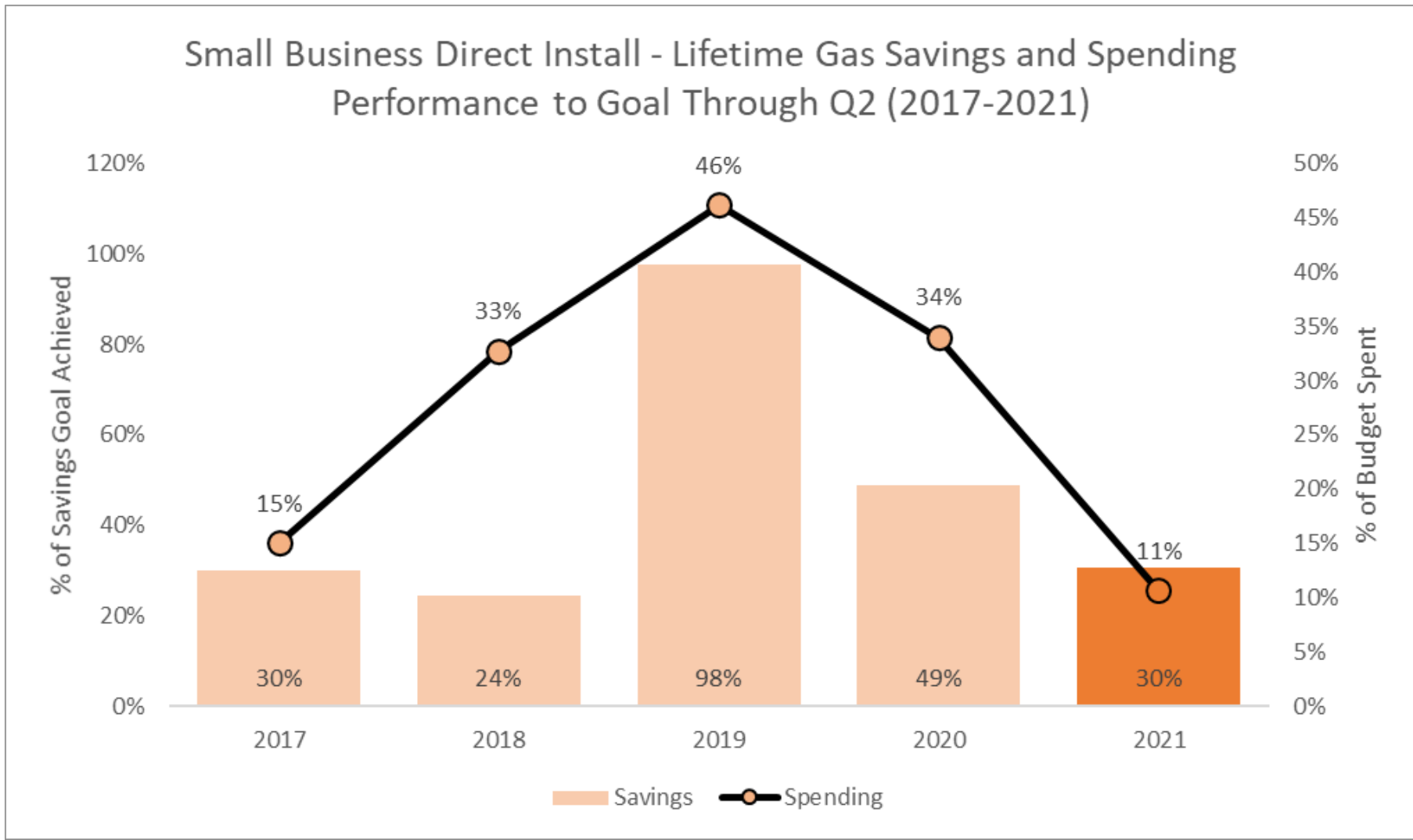
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	112.9%
Spending	100.0%

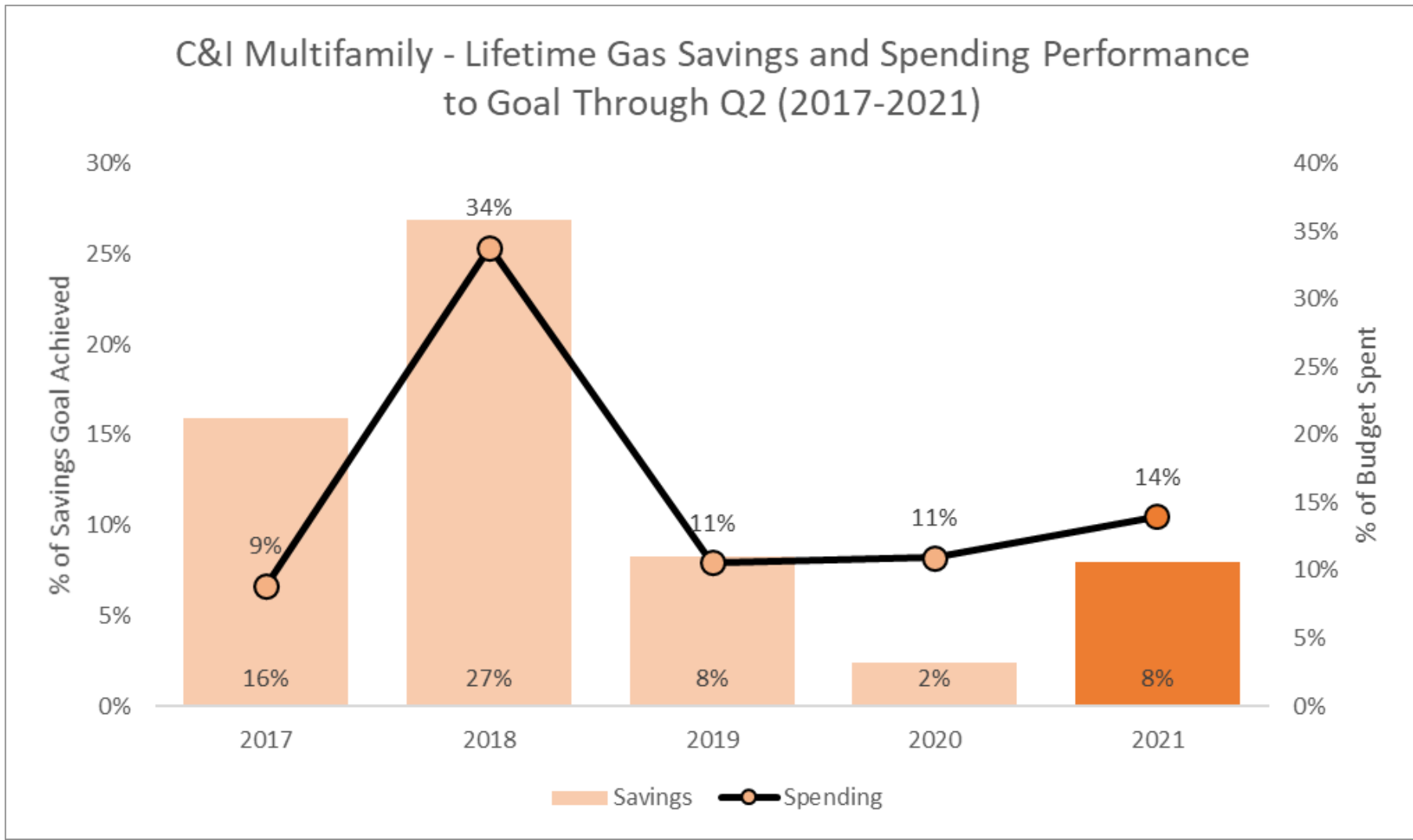
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	75.0%
Spending	81.0%

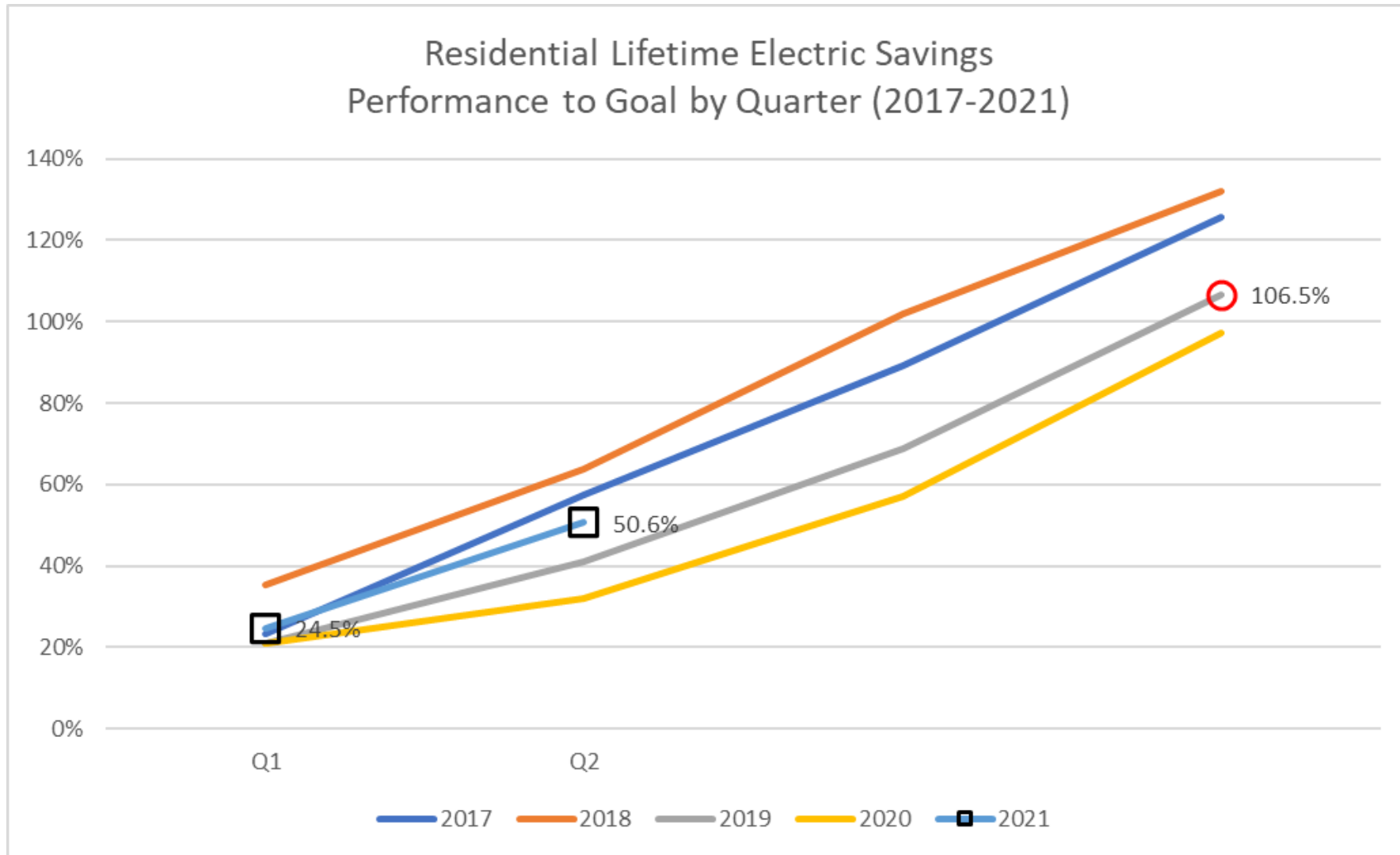
Gas C&I Programs





Year-End Forecast	
Lifetime Savings	106.5%
Spending	111.9%

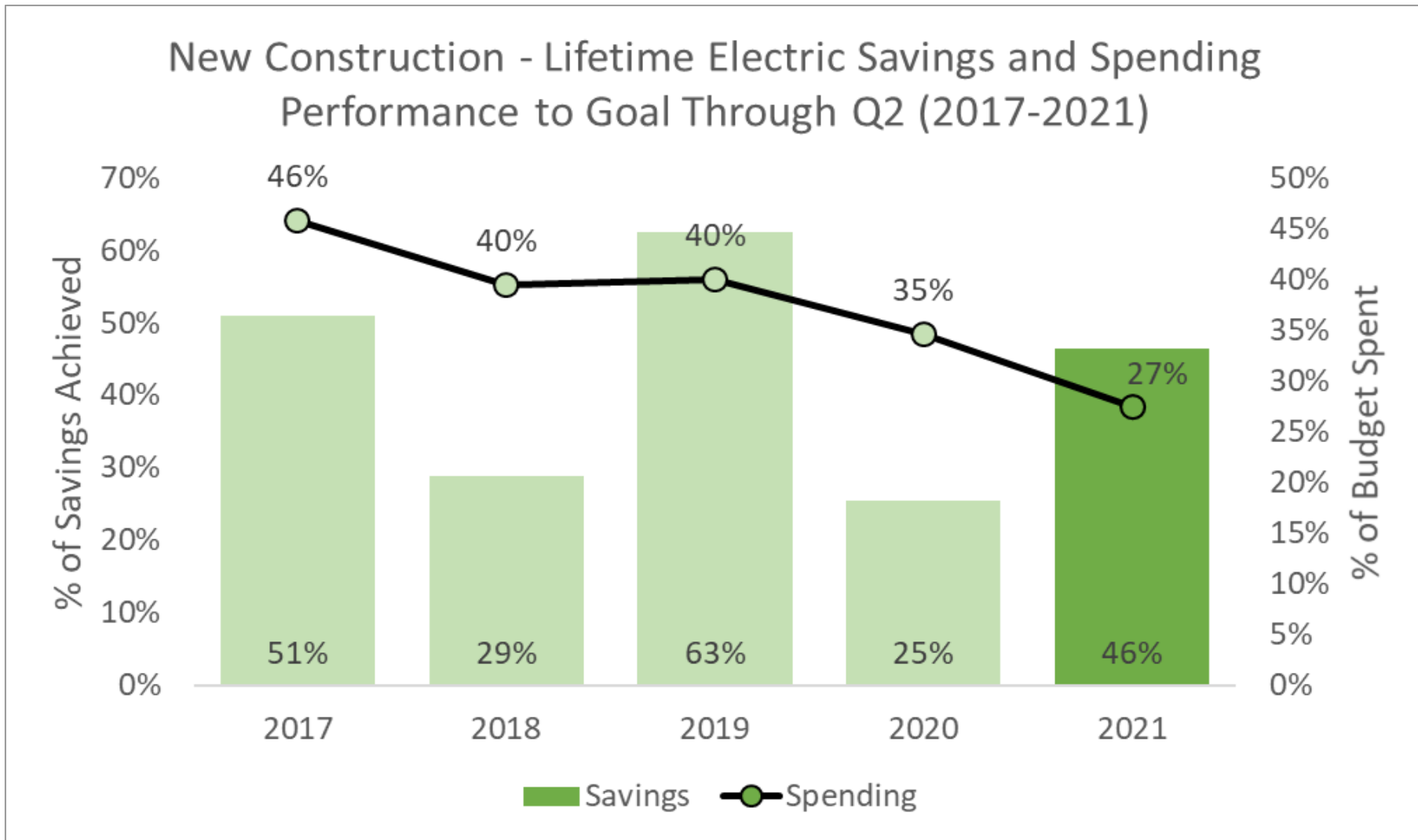
Electric Res Forecast





Year-End Forecast	
Lifetime Savings	100.0%
Spending	99.7%

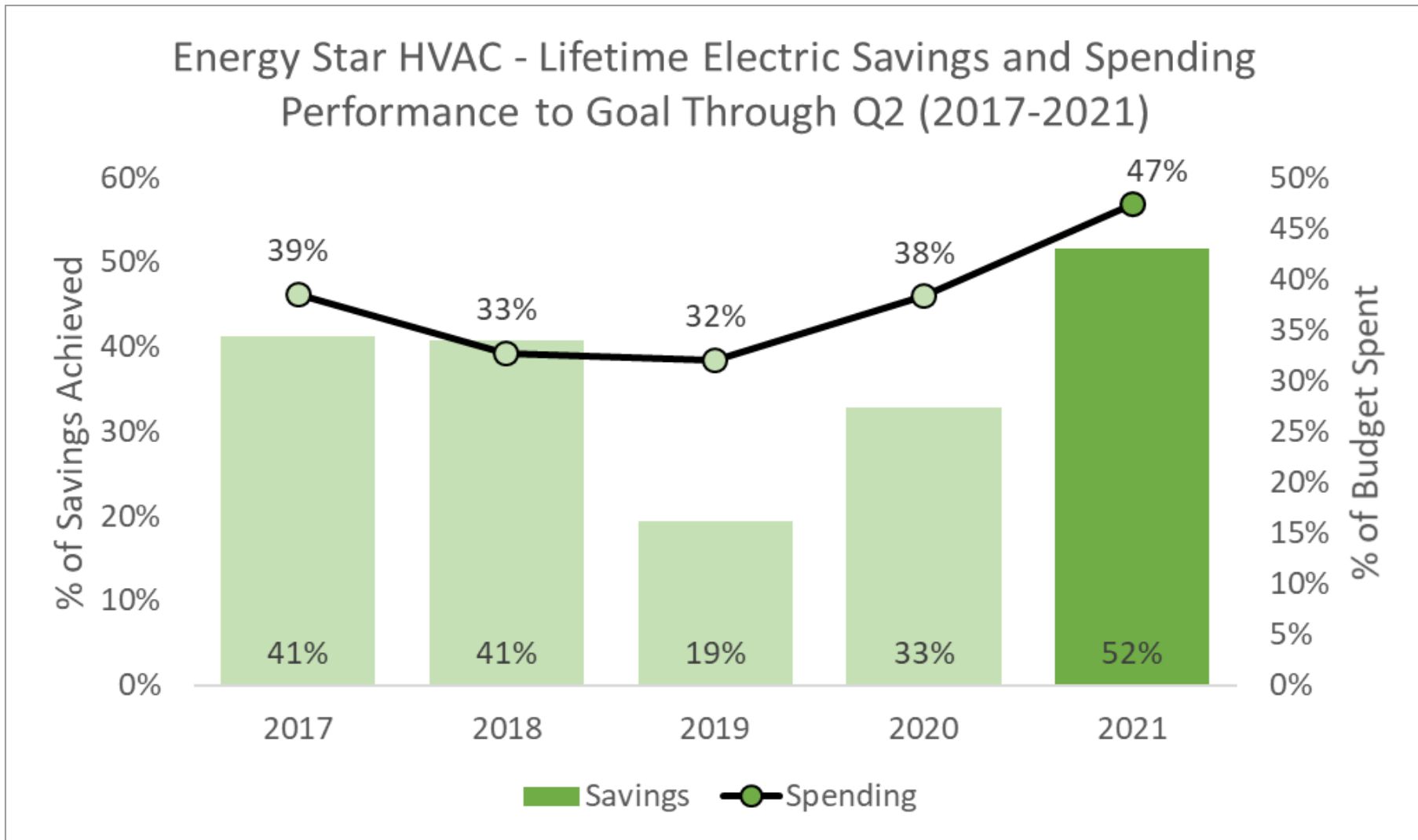
Electric Res Programs





Year-End Forecast	
Lifetime Savings	117.1%
Spending	100.0%

Electric Res Programs

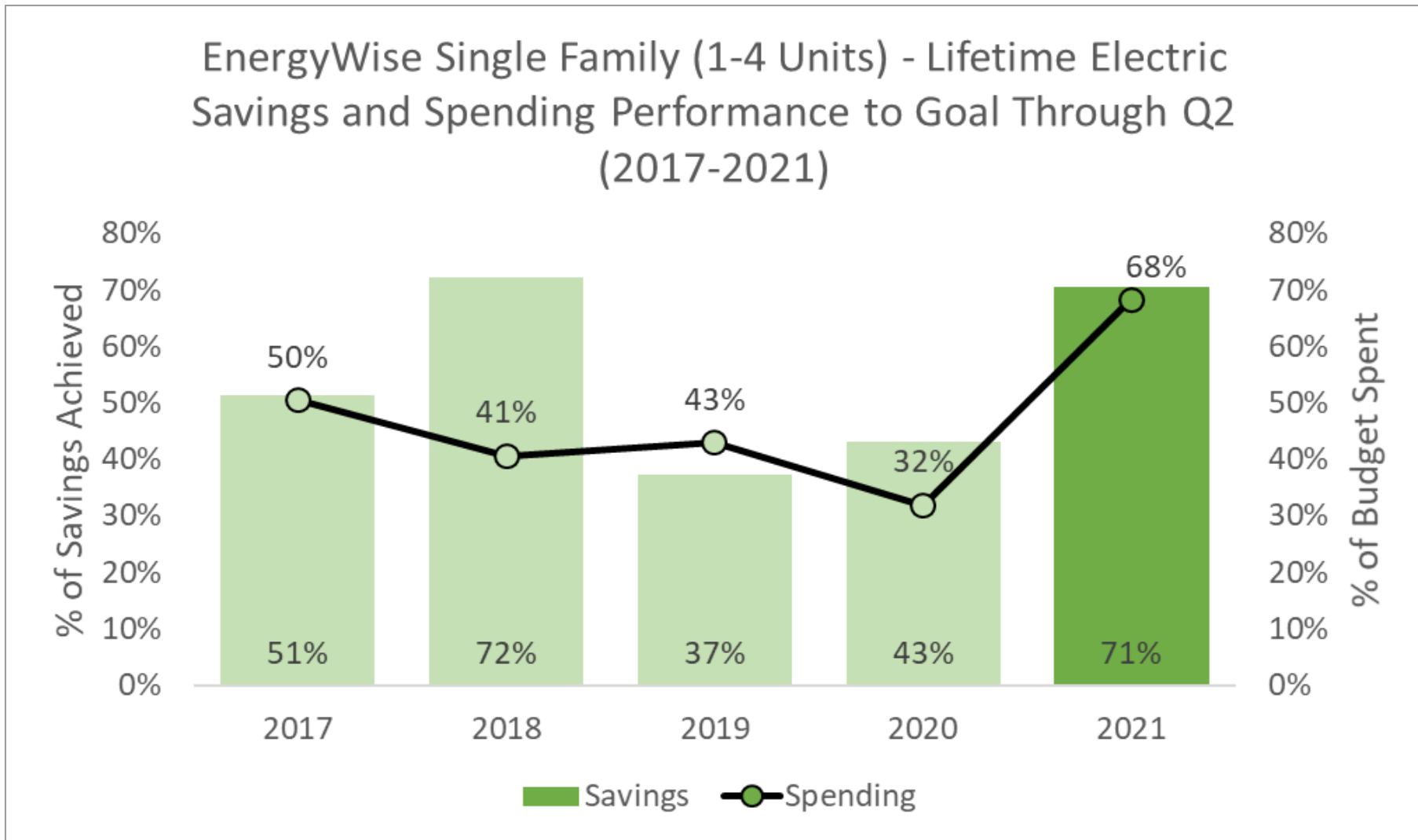




Year-End Forecast	
Lifetime Savings	135.0%
Spending	134.9%

Electric Res Programs

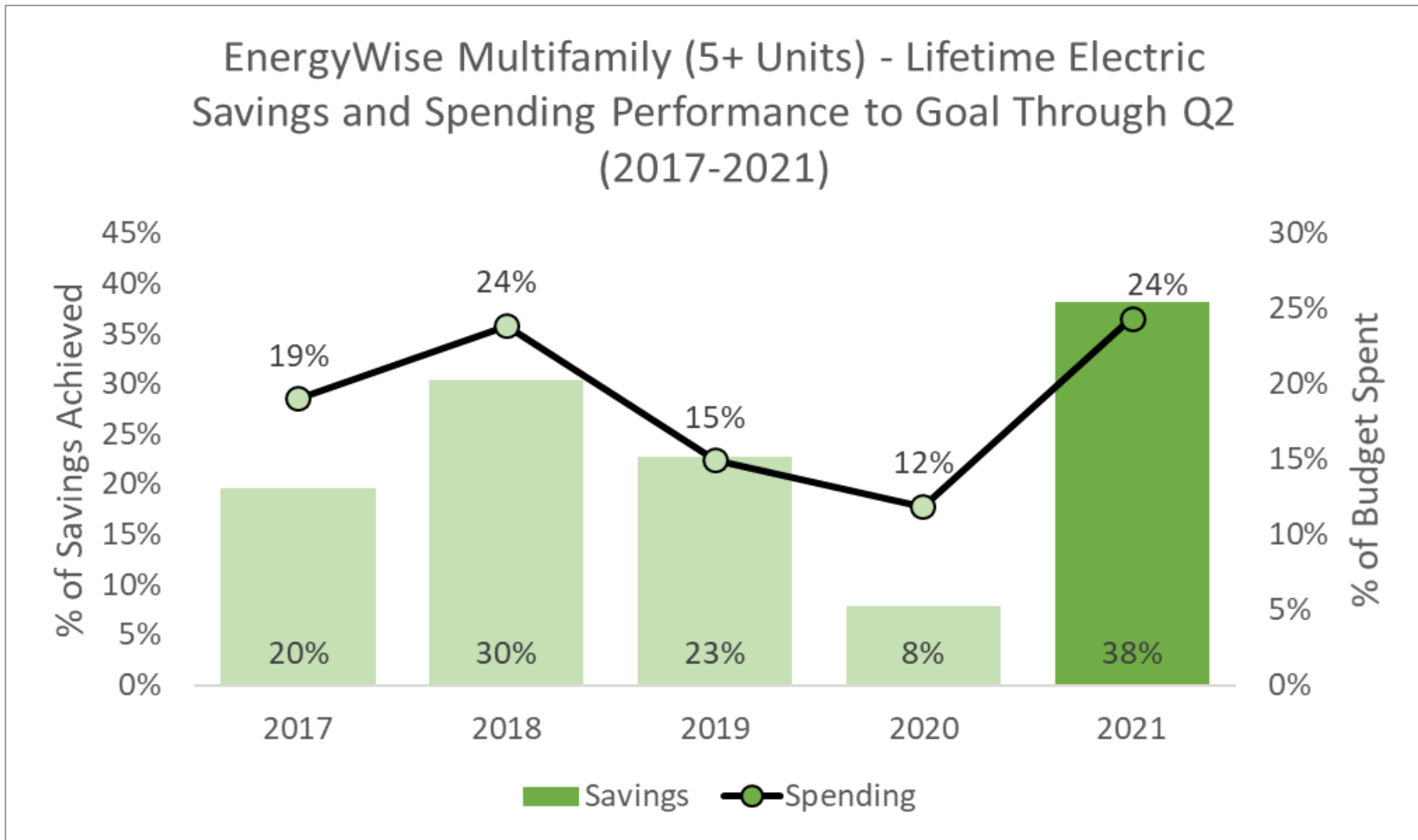
EnergyWise Single Family (1-4 Units) - Lifetime Electric Savings and Spending Performance to Goal Through Q2 (2017-2021)





Year-End Forecast	
Lifetime Savings	100.0%
Spending	100.0%

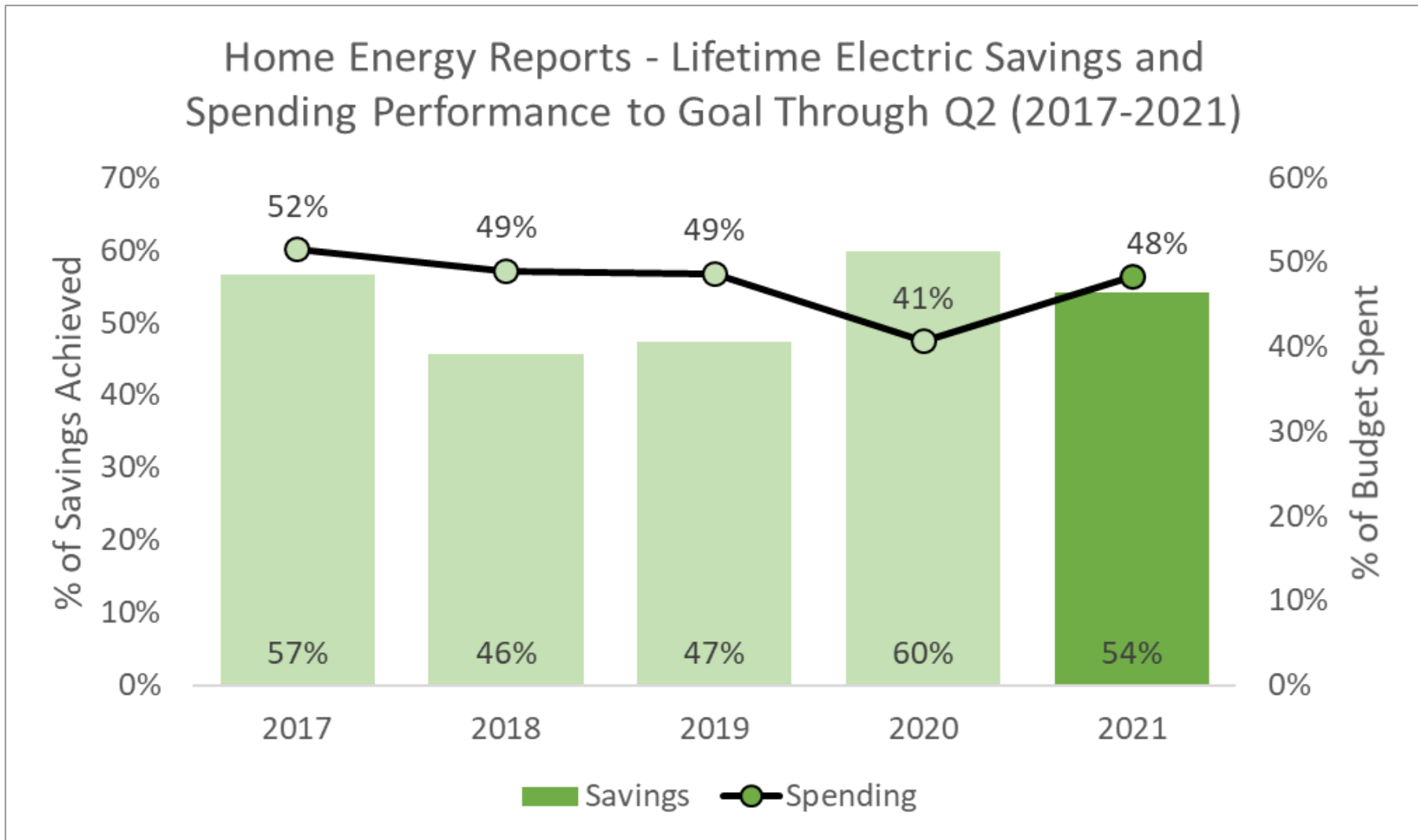
Electric Res Programs





Year-End Forecast	
Lifetime Savings	100.8%
Spending	87.5%

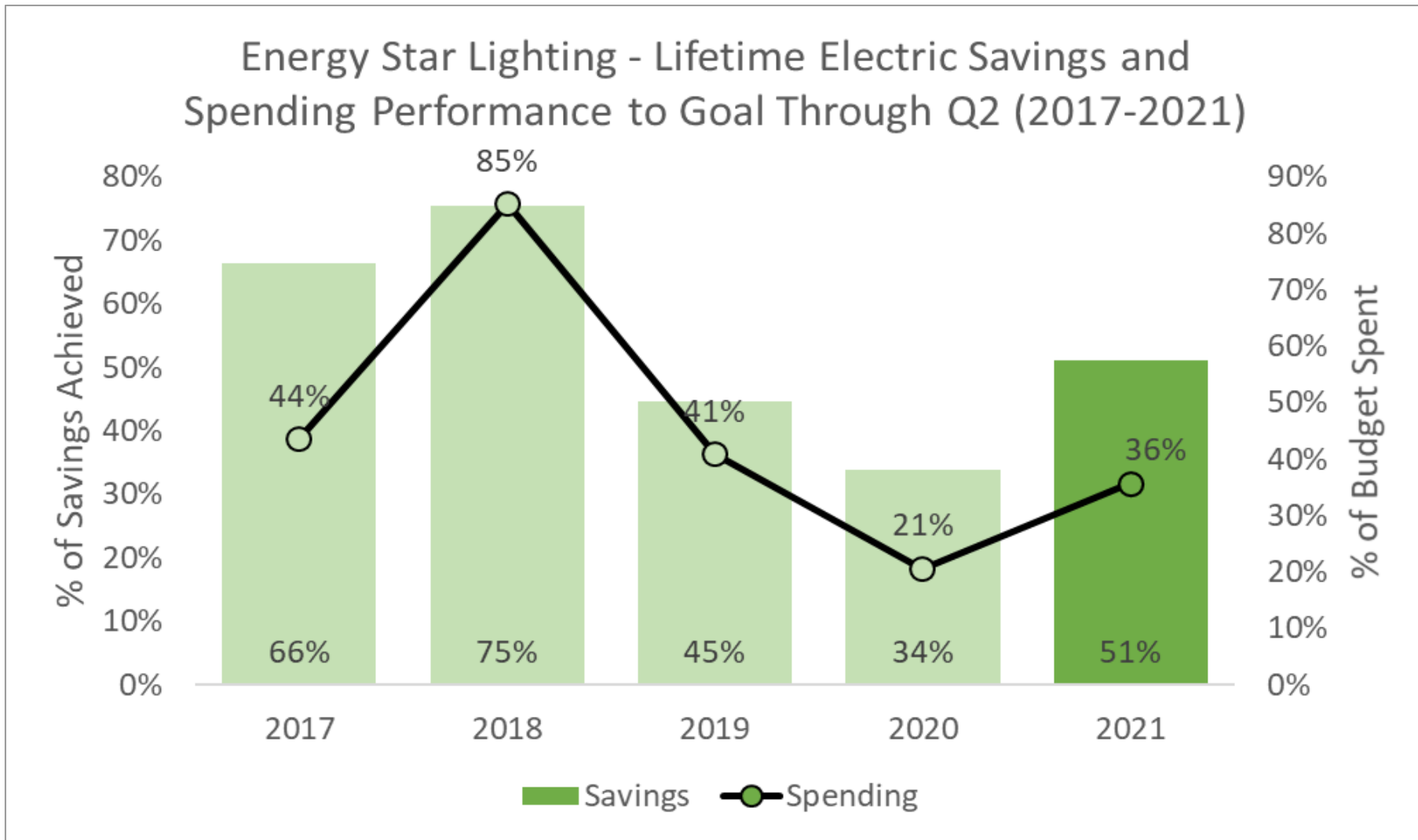
Electric Res Programs





Year-End Forecast	
Lifetime Savings	90.0%
Spending	87.9%

Electric Res Programs

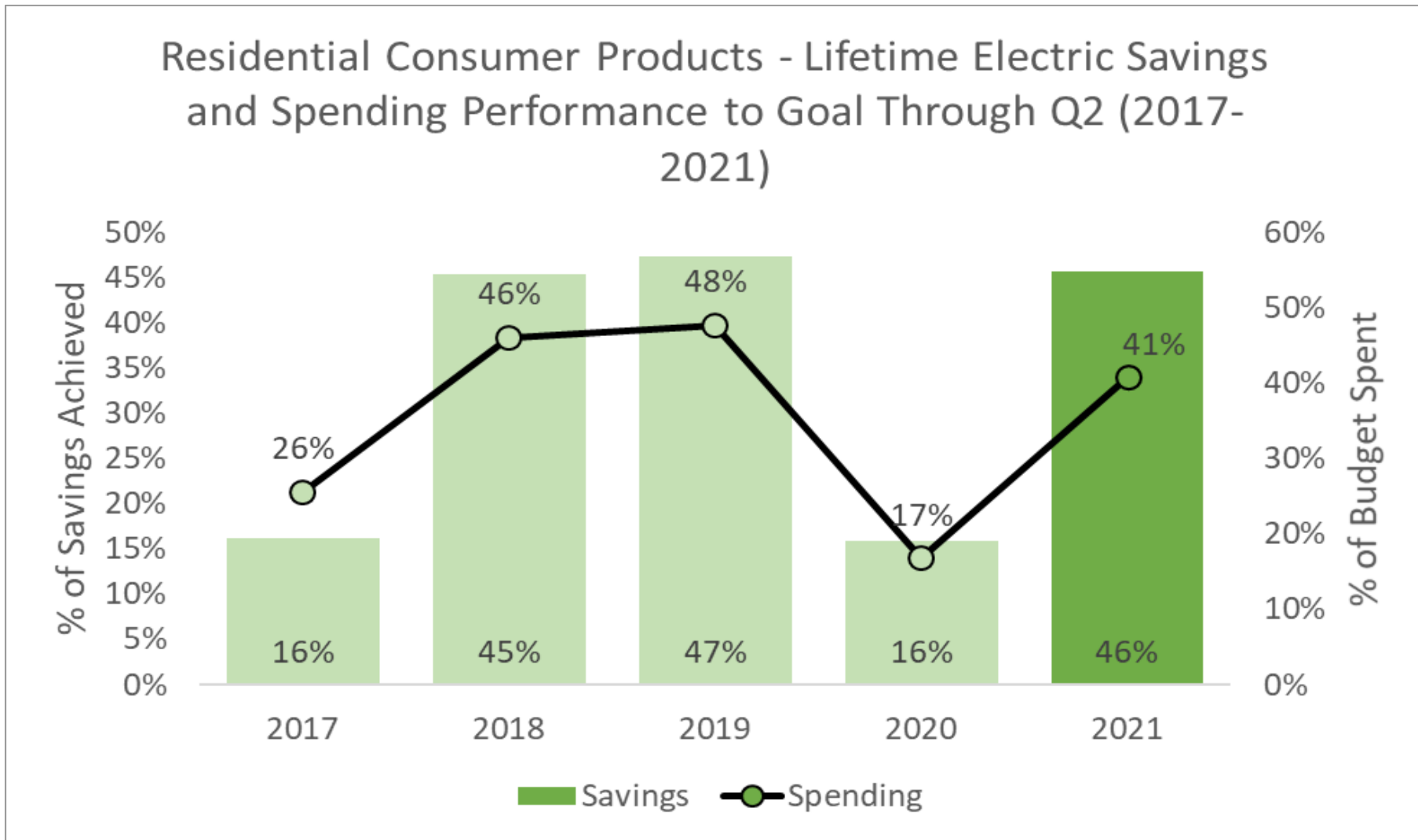




Year-End Forecast	
Lifetime Savings	103.0%
Spending	100.0%

Electric Res Programs

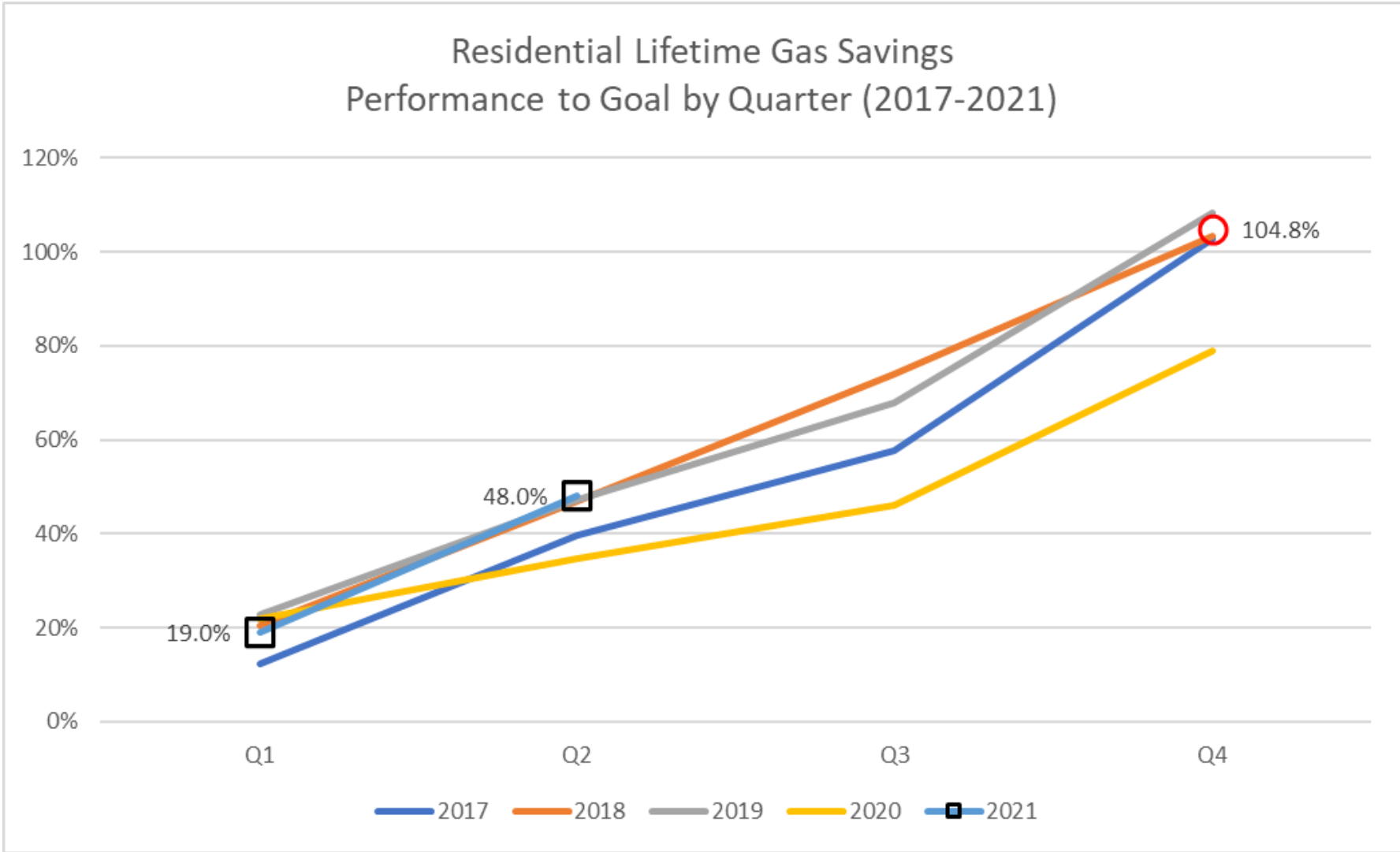
Residential Consumer Products - Lifetime Electric Savings and Spending Performance to Goal Through Q2 (2017-2021)





Year-End Forecast	
Lifetime Savings	104.8%
Spending	149.6%

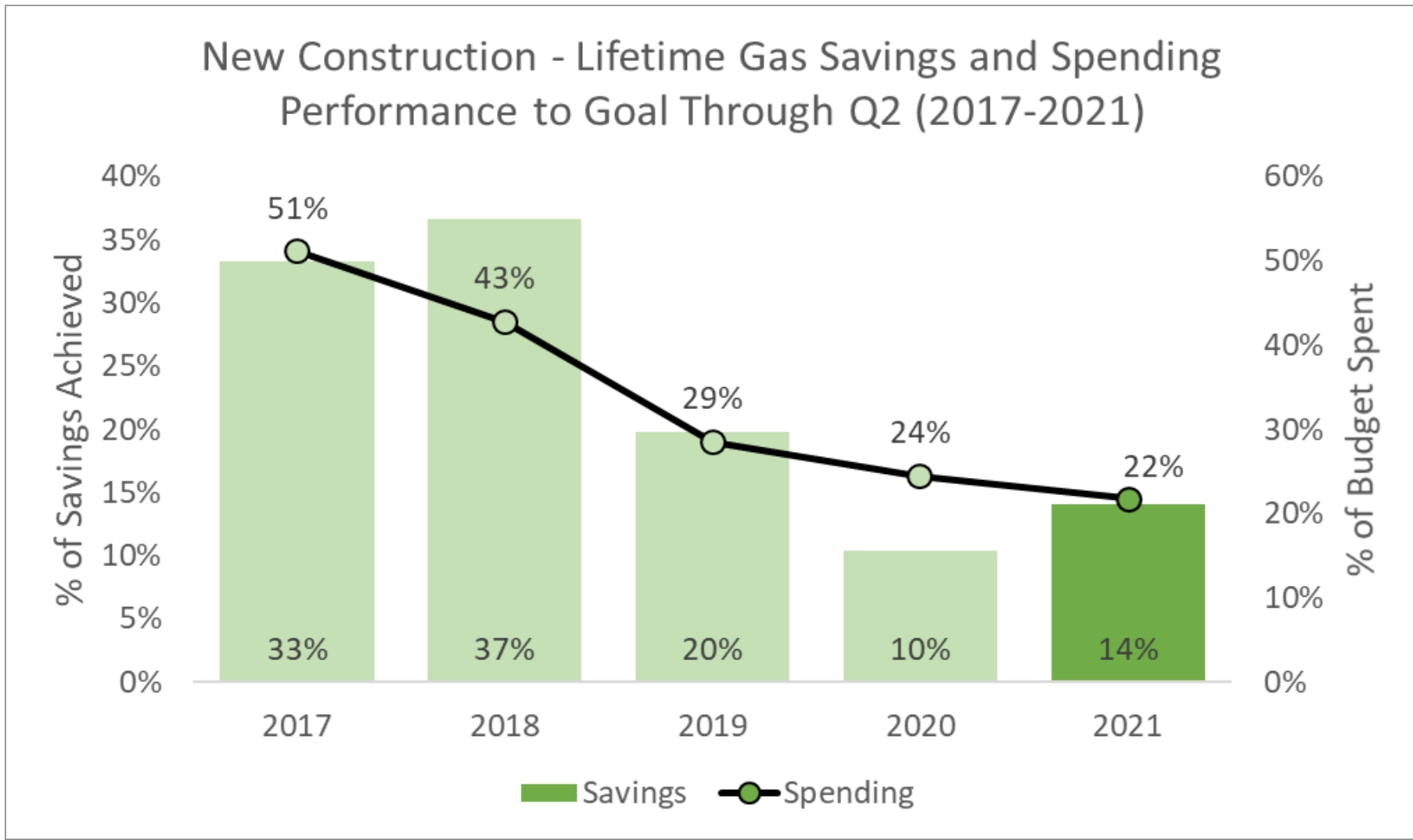
Gas Res Forecast





Year-End Forecast	
Lifetime Savings	82.1%
Spending	78.9%

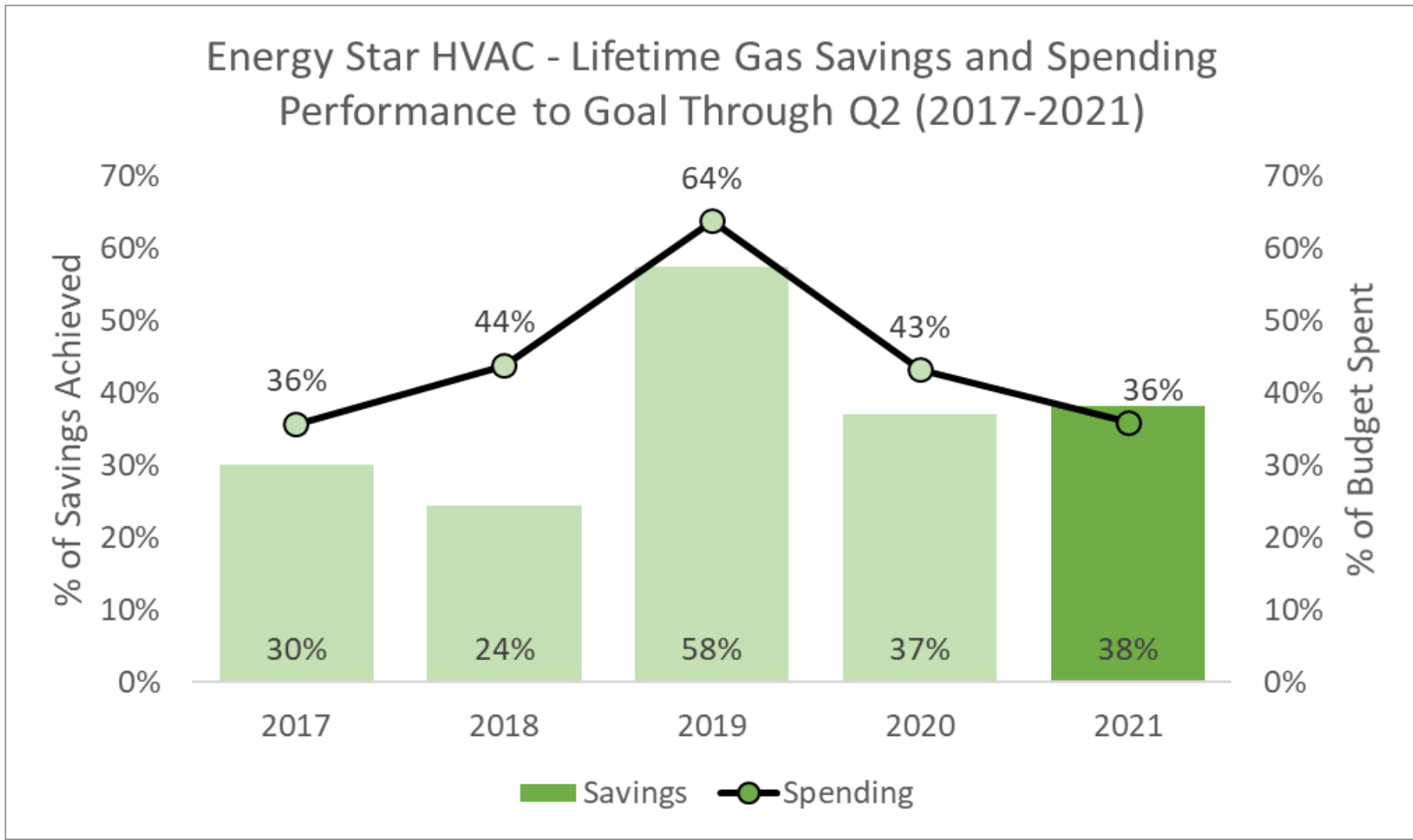
Gas Res Programs





Year-End Forecast	
Lifetime Savings	80.0%
Spending	79.5%

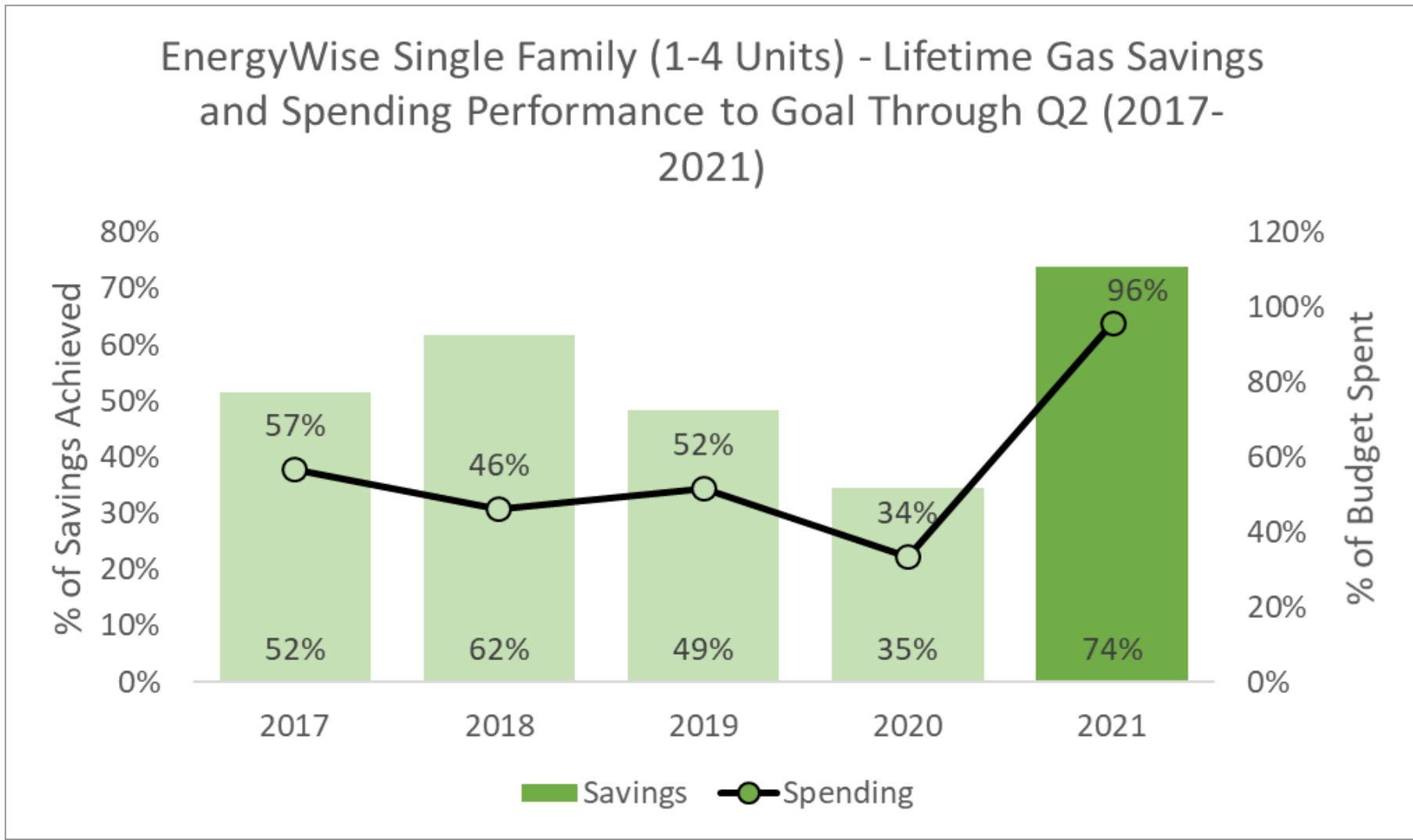
Gas Res Programs





Year-End Forecast	
Lifetime Savings	150.0%
Spending	198.2%

Gas Res Programs

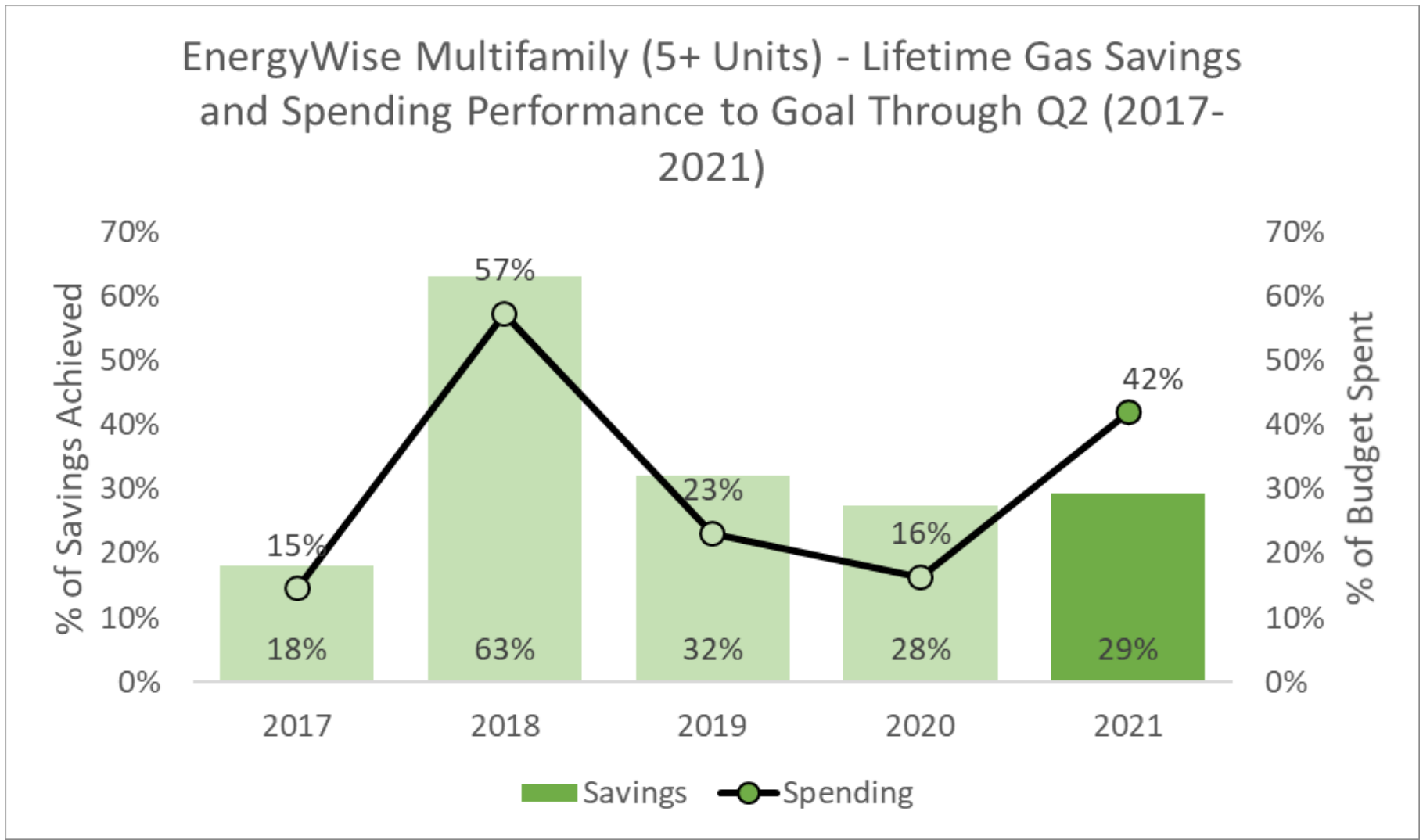




Year-End Forecast	
Lifetime Savings	100.0%
Spending	115.0%

Gas Res Programs

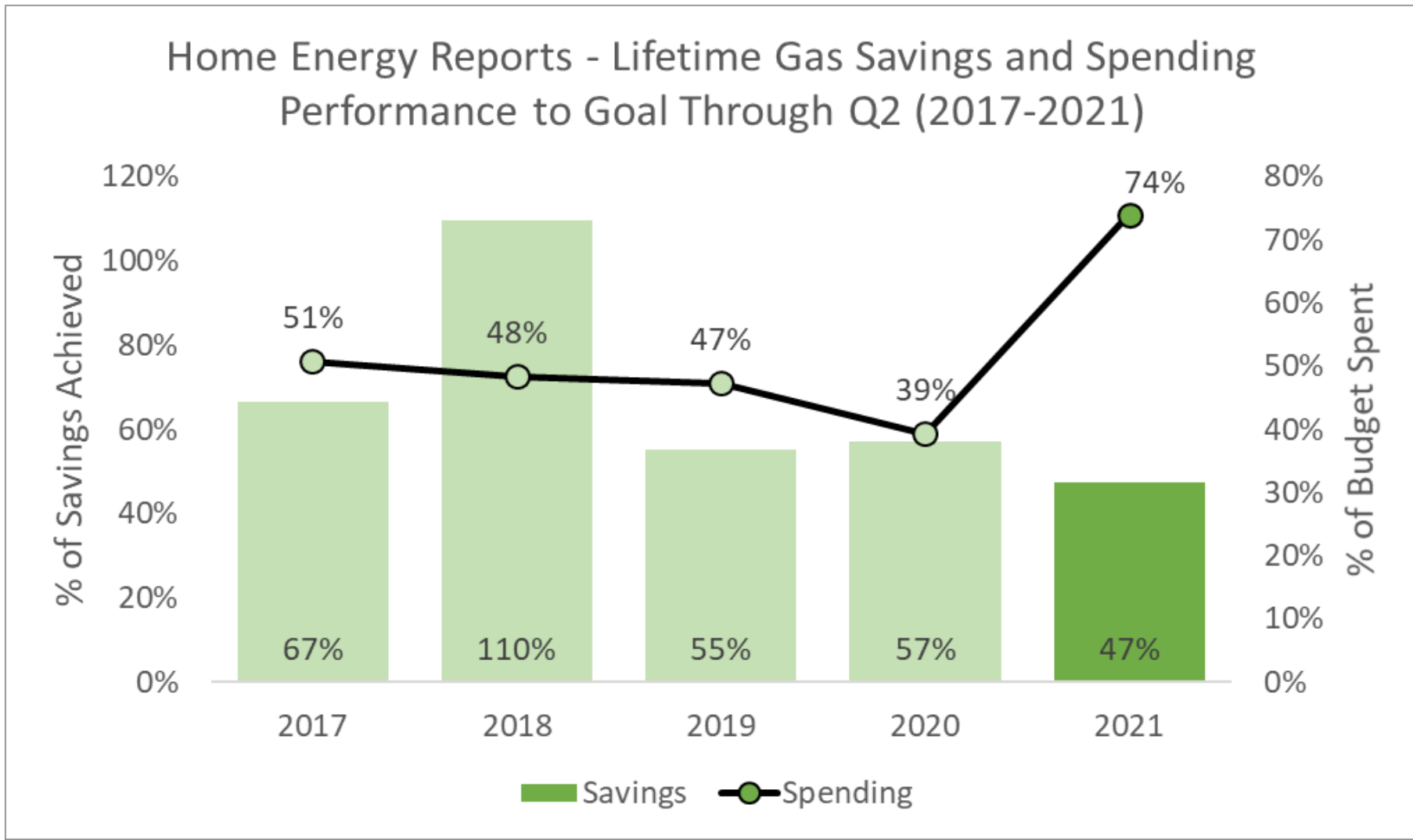
EnergyWise Multifamily (5+ Units) - Lifetime Gas Savings and Spending Performance to Goal Through Q2 (2017-2021)





Year-End Forecast	
Lifetime Savings	79.7%
Spending	83.3%

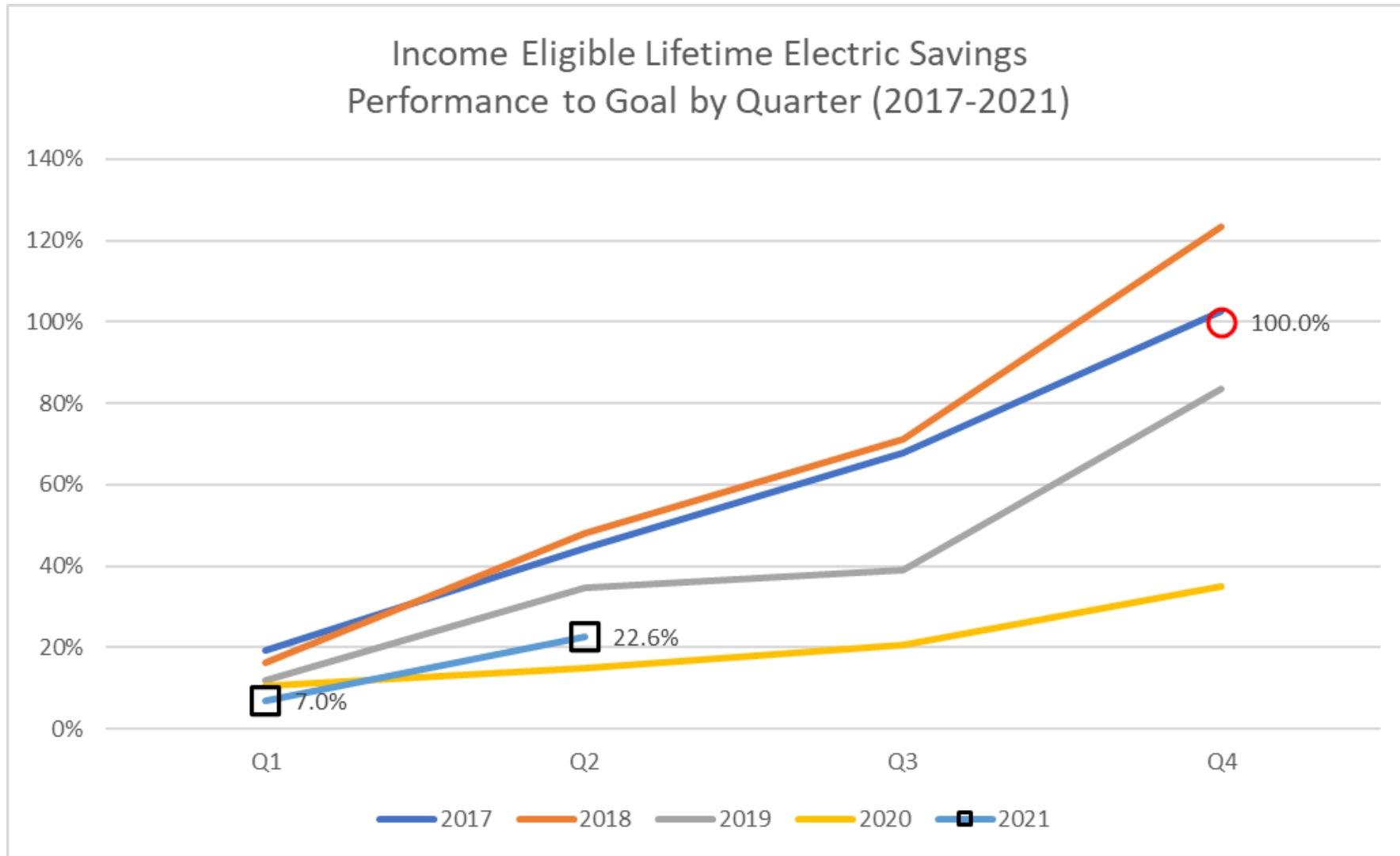
Gas Res Programs





Year-End Forecast	
Lifetime Savings	100.0%
Spending	100.0%

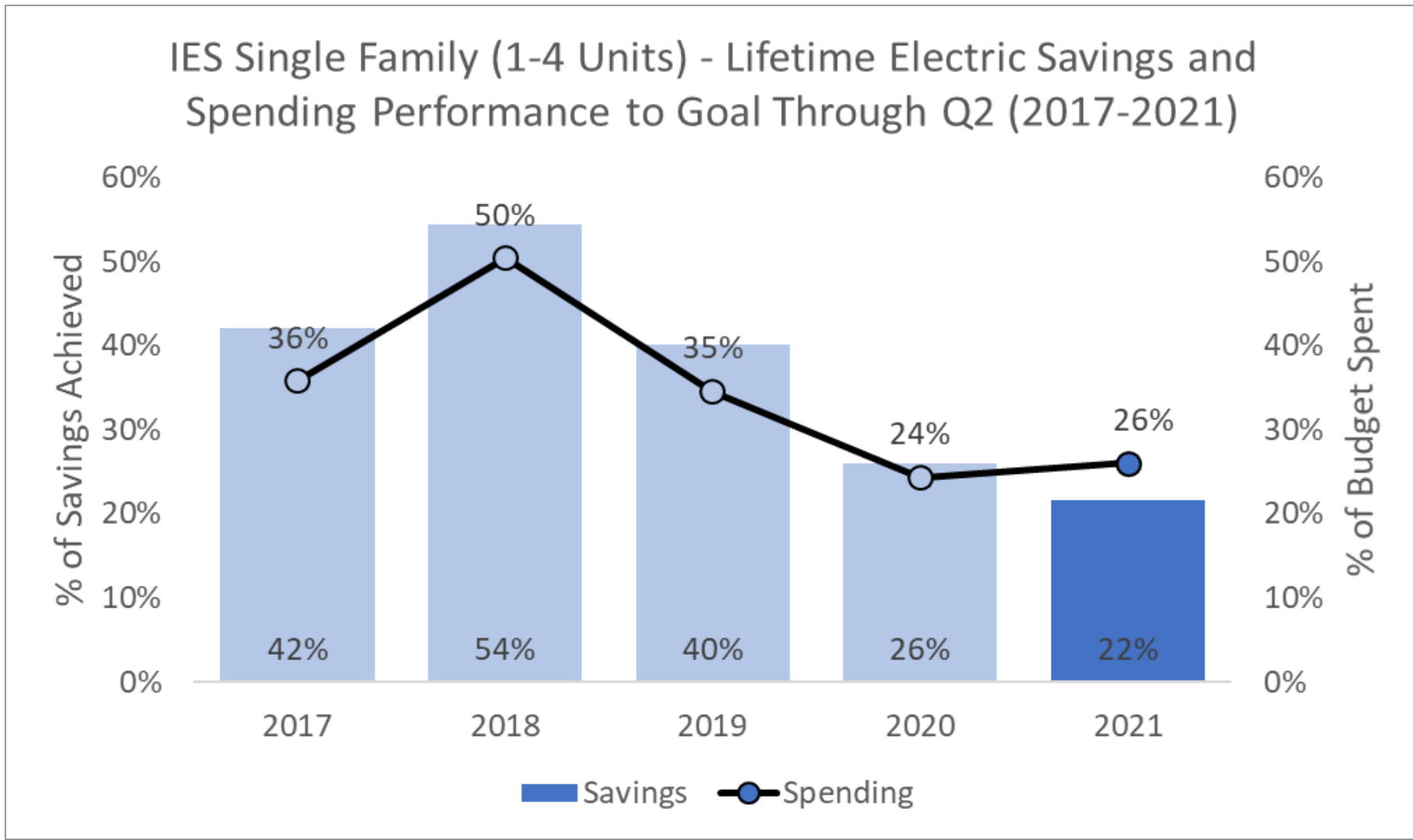
Electric IE Forecast





Year-End Forecast	
Lifetime Savings	100.0%
Spending	100.0%

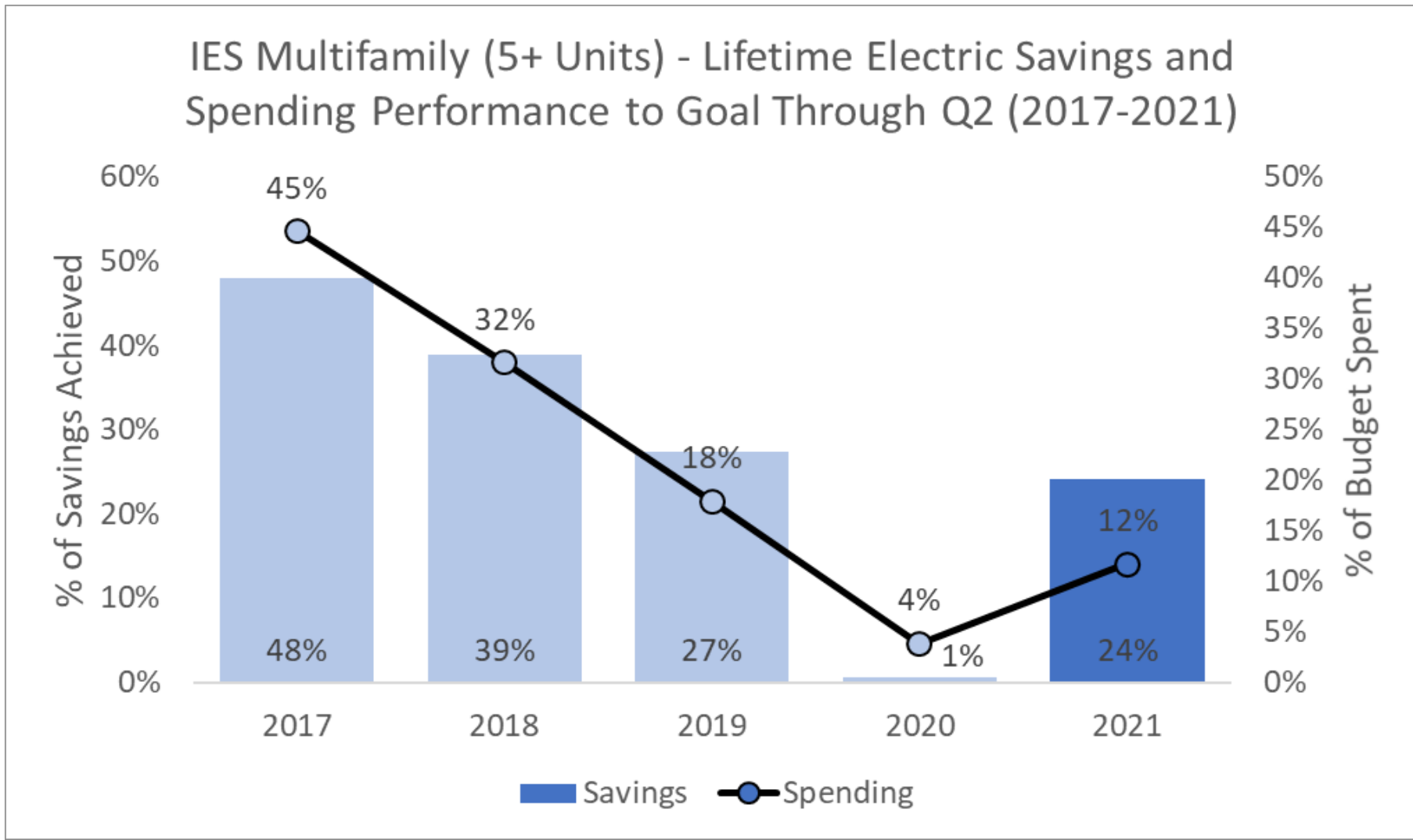
Electric IE Programs





Year-End Forecast	
Lifetime Savings	100.0%
Spending	100.0%

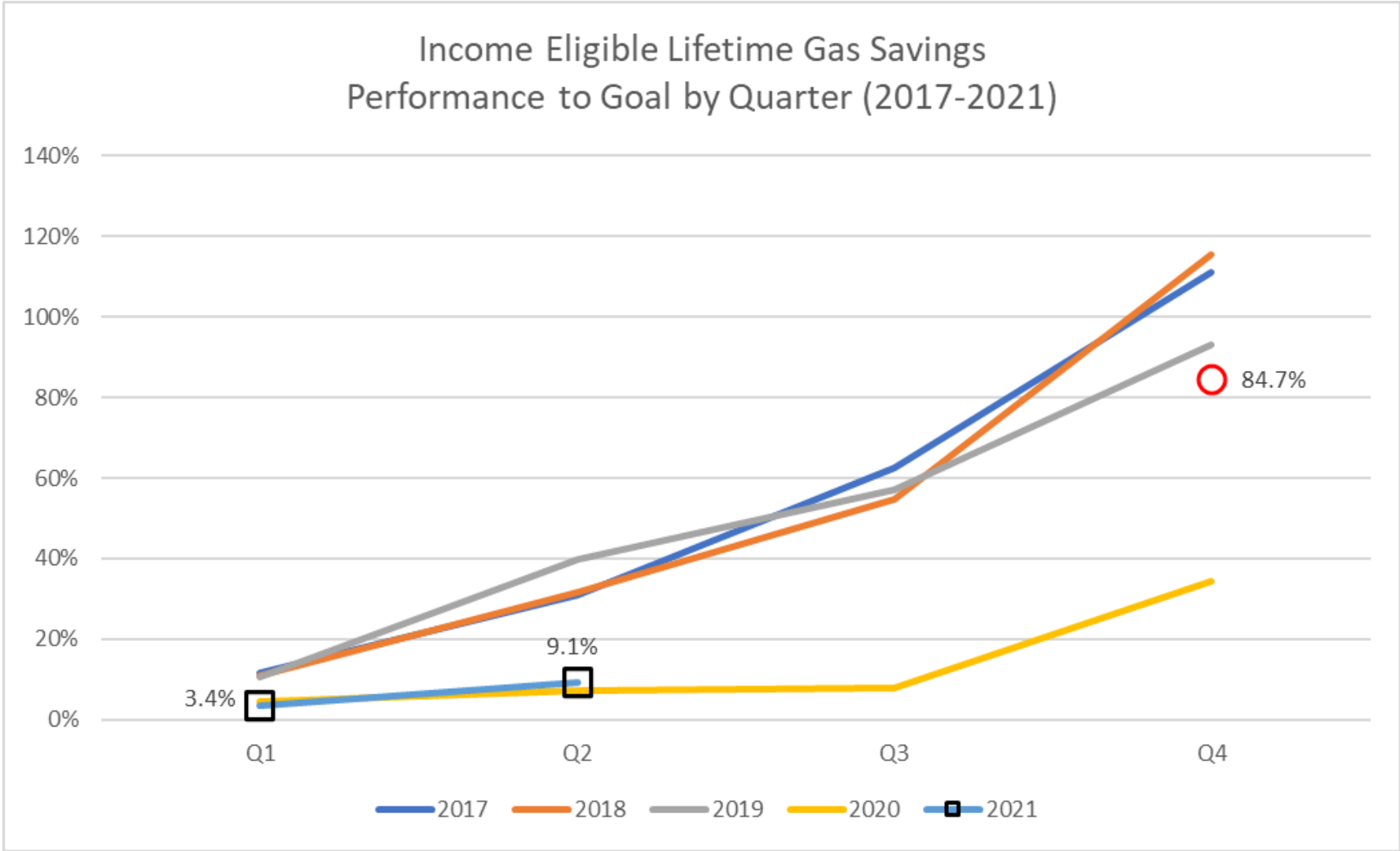
Electric IE Programs





Year-End Forecast	
Lifetime Savings	84.7%
Spending	91.6%

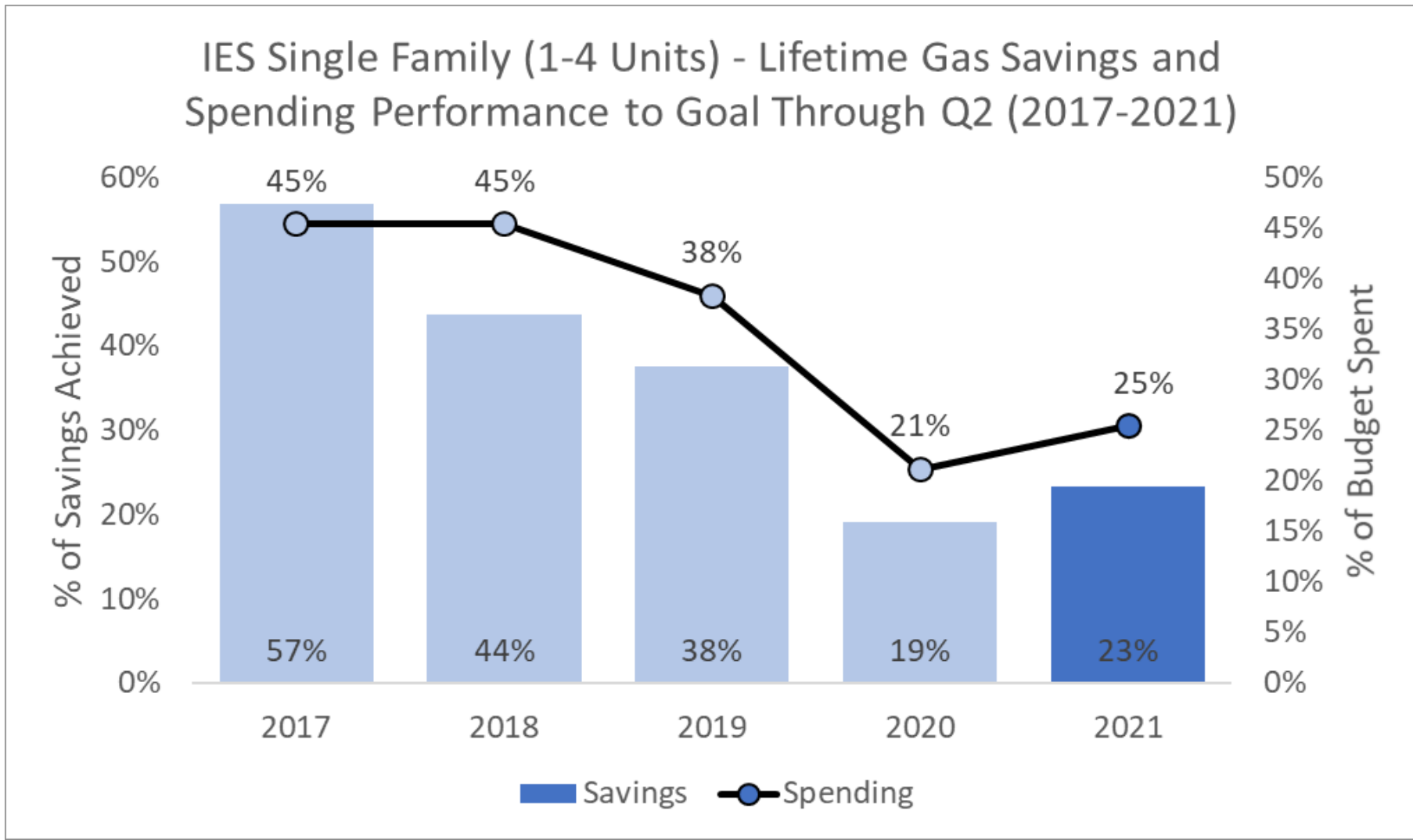
Gas IE Forecast





Year-End Forecast	
Lifetime Savings	100.0%
Spending	100.0%

Gas IE Programs





Year-End Forecast	
Lifetime Savings	75.0%
Spending	75.0%

Gas IE Programs

