



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

CONSULTANT TEAM



**Rhode Island
Energy™**
a PPL company

2023 First Quarter Results Update

Presented to the EERMC By:
EERMC Consulting Team
Rhode Island Energy

Date: May 18, 2023





Outline

Portfolio Performance

Consultant Team Program Highlights

Rhode Island Energy Sector Highlights

Discussion

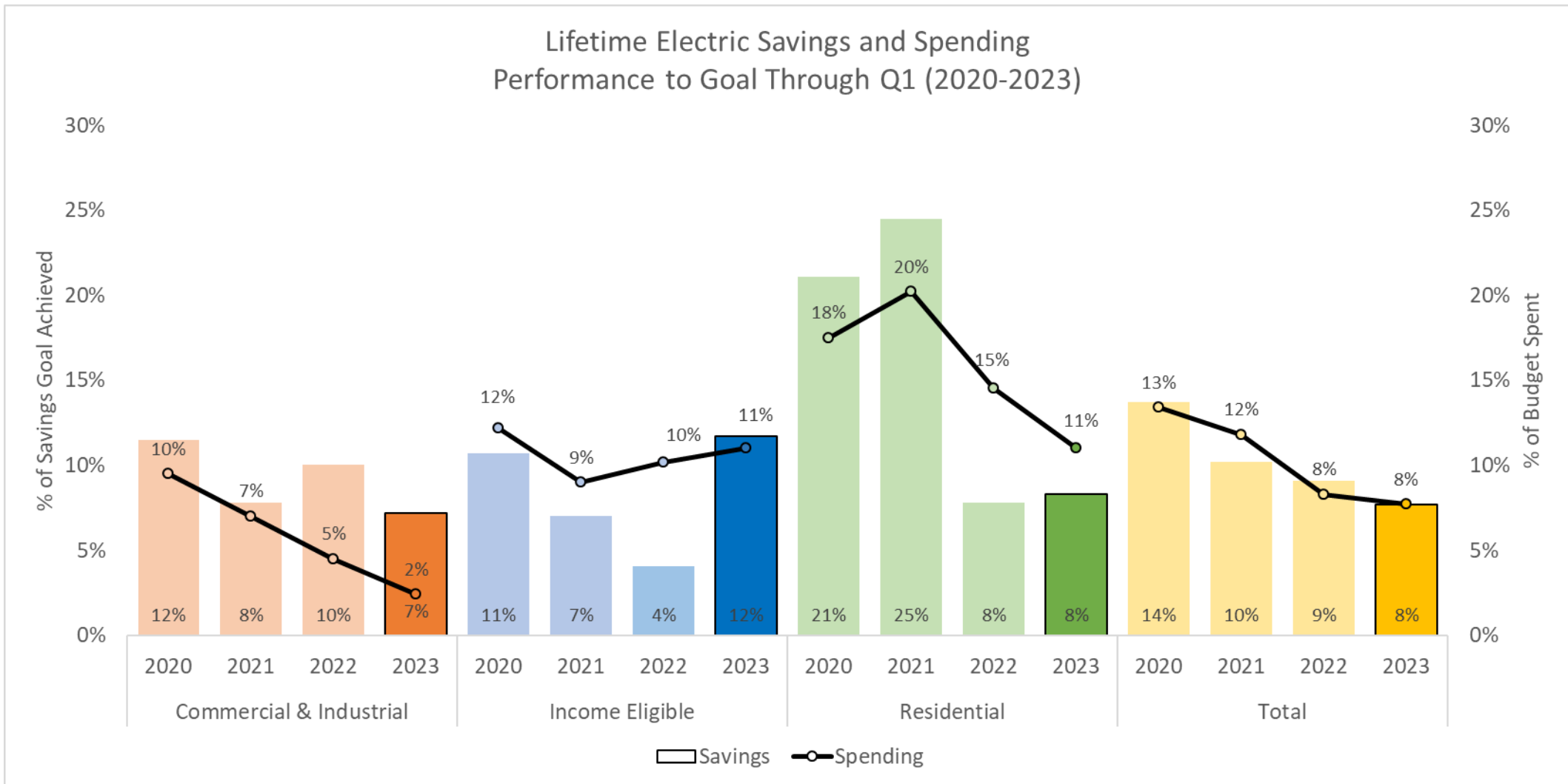


PORTFOLIO PERFORMANCE



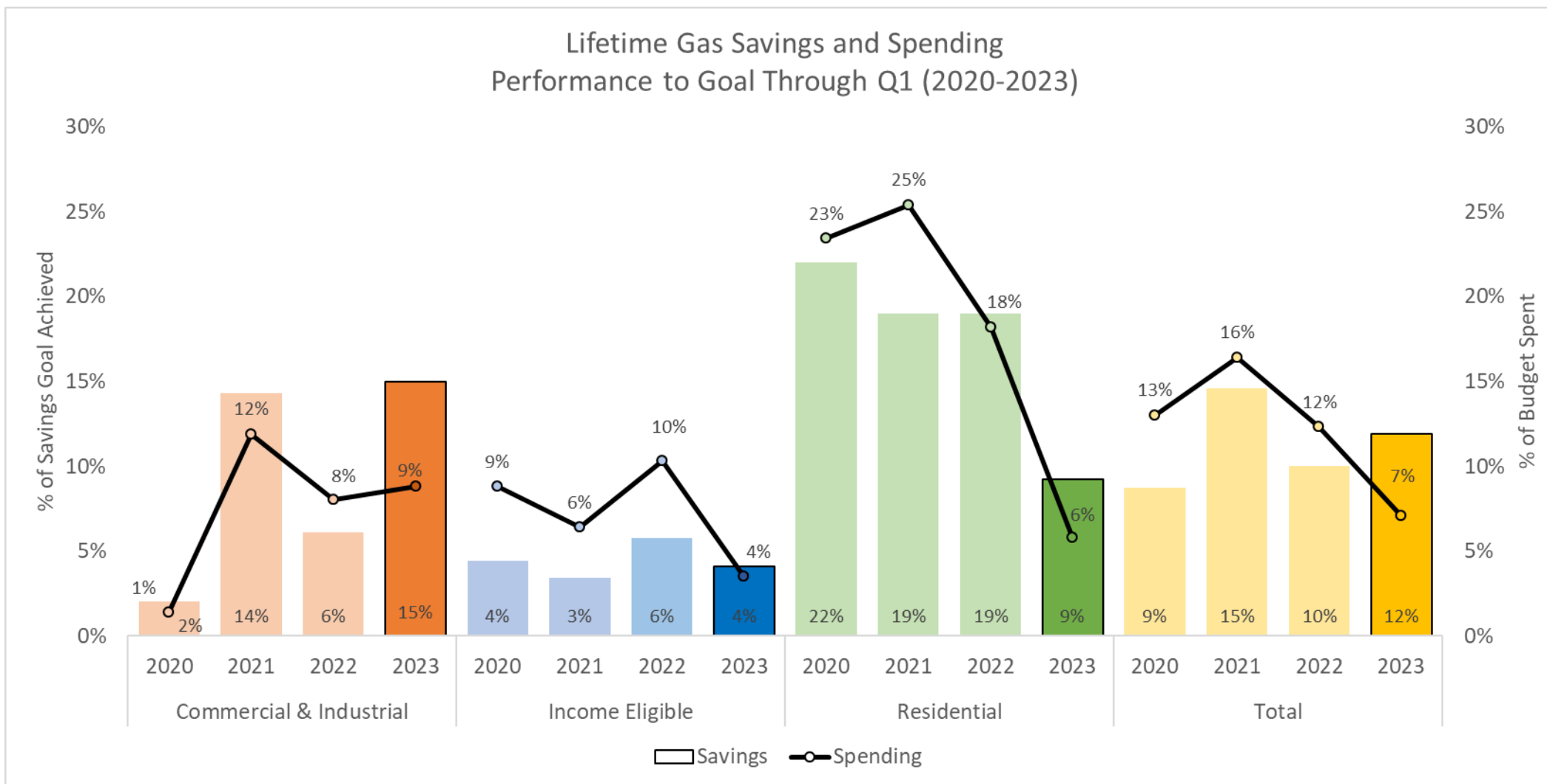


Electric Performance





Gas Performance





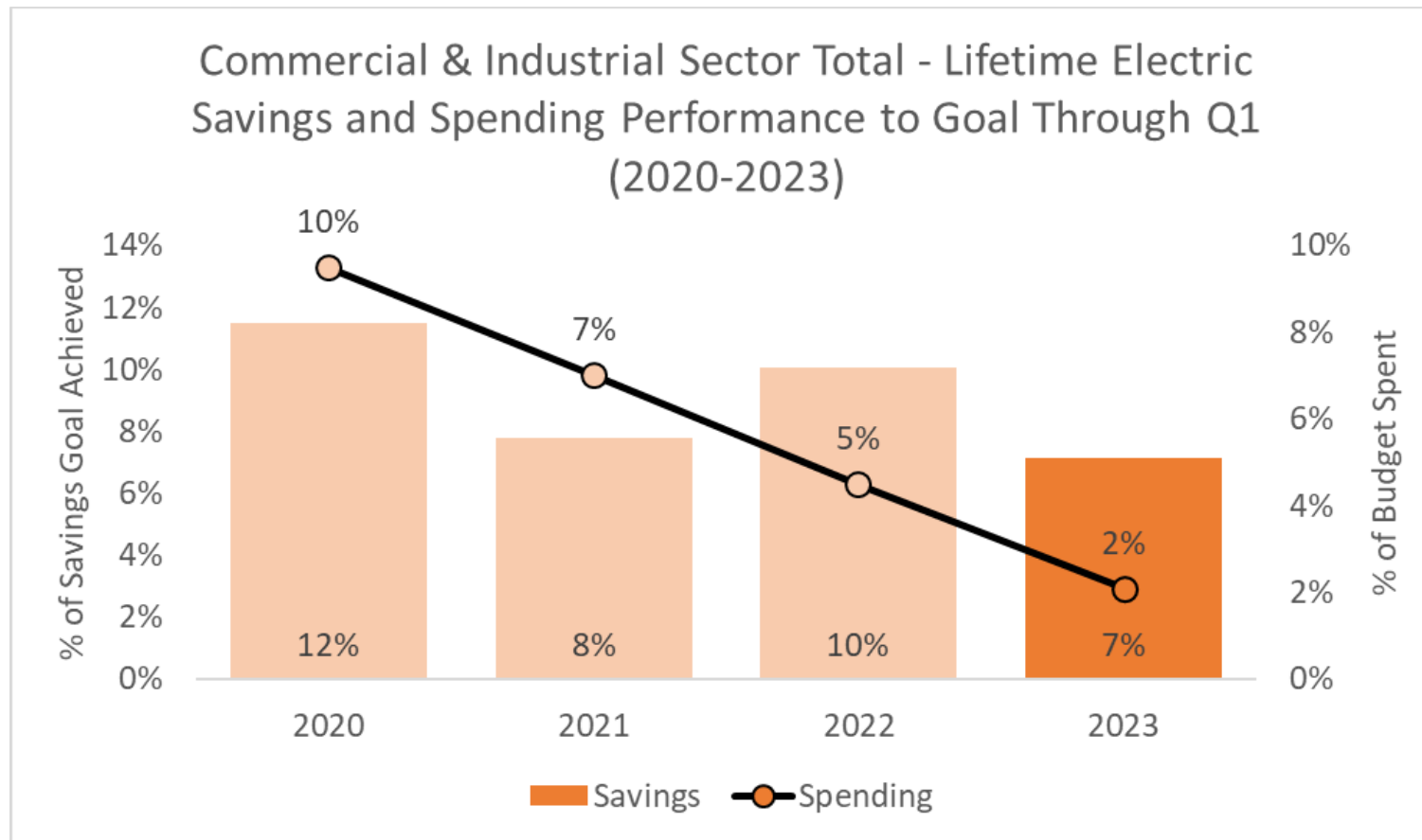
COMMERCIAL & INDUSTRIAL SECTOR HIGHLIGHTS





Commercial & Industrial Electric Updates

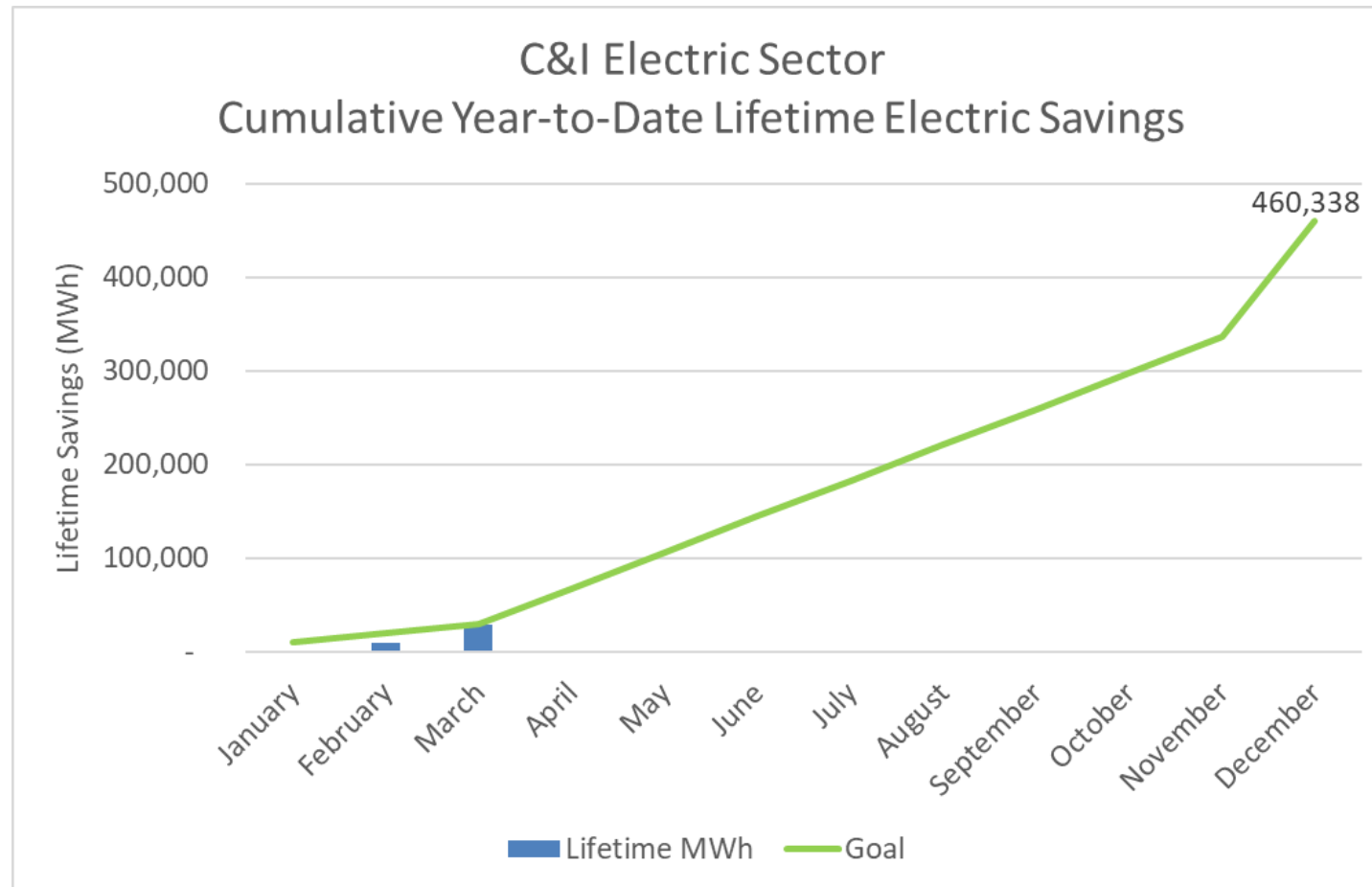
Key Takeaway Savings and spending through Q1 lower in 2023 than recent years





Commercial & Industrial Electric Updates

Key Takeaway Early in 2023, so significant ramp in activity required to meet savings goals

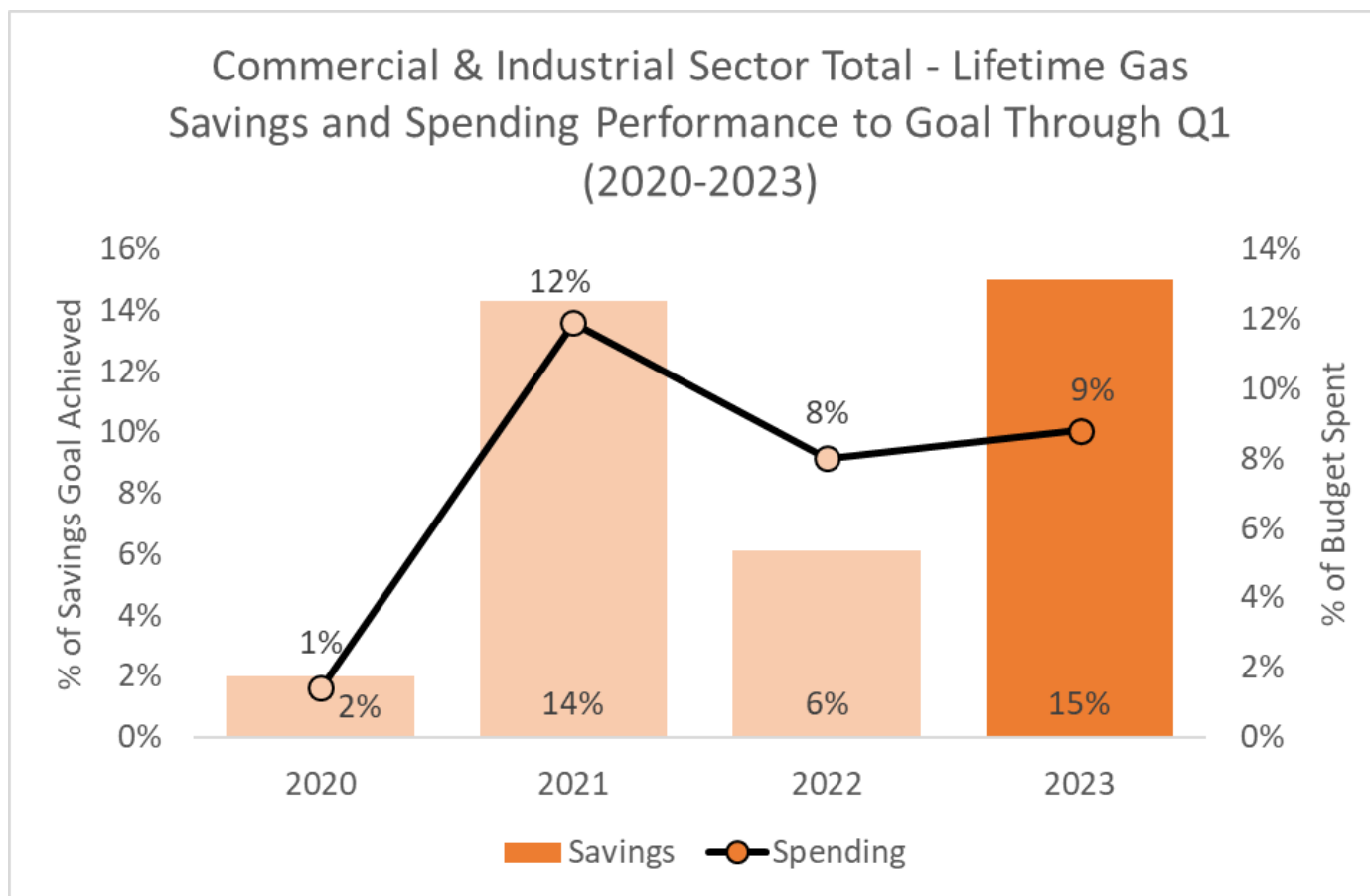




Commercial & Industrial Gas Updates

Key Takeaway

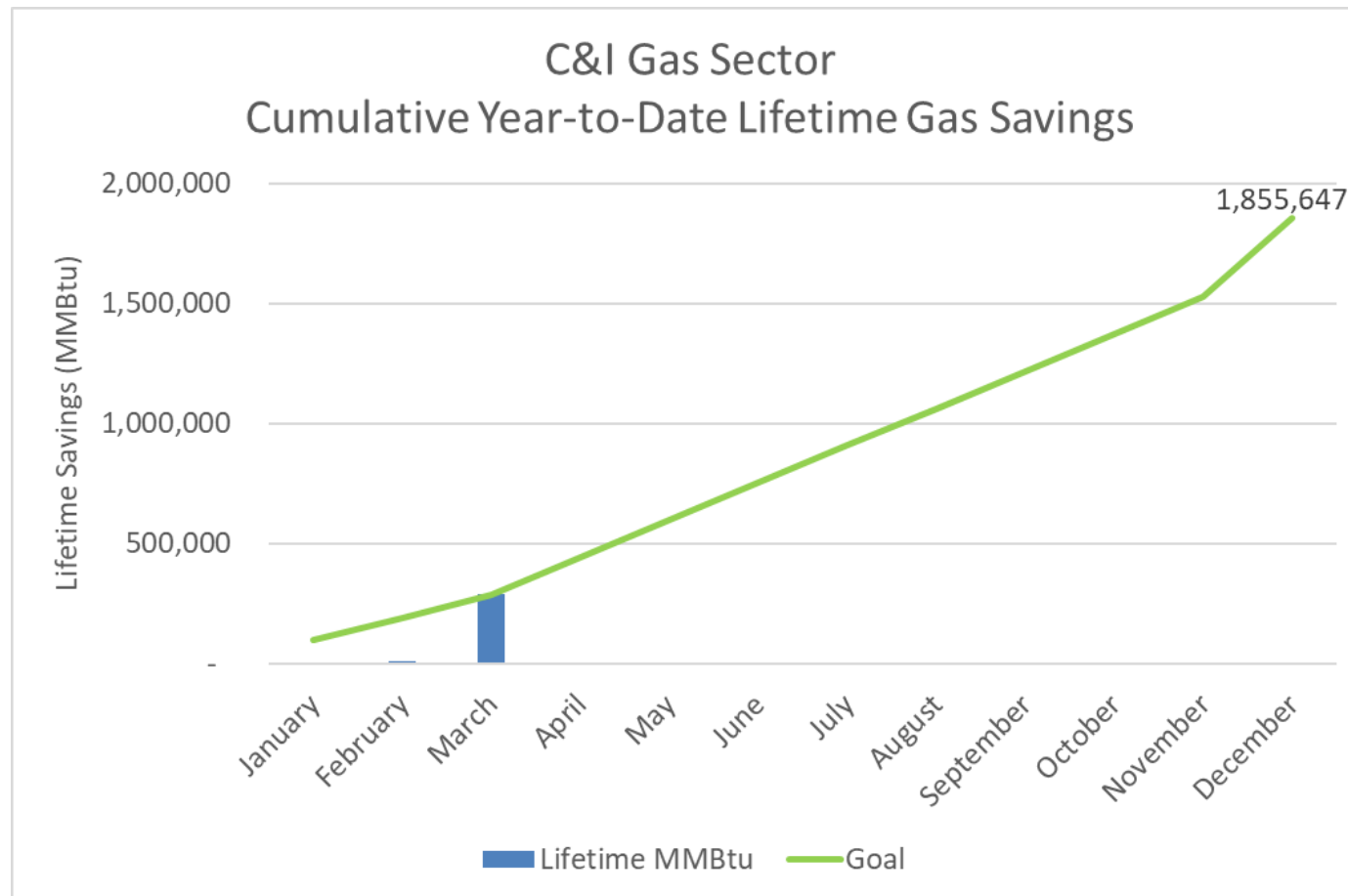
Savings and spending through Q1 higher in 2023 than recent years





Commercial & Industrial Gas Updates

Key Takeaway Spike in reported activity has C&I Gas Sector on better pace to meet goals





RESIDENTIAL & INCOME ELIGIBLE SECTOR HIGHLIGHTS





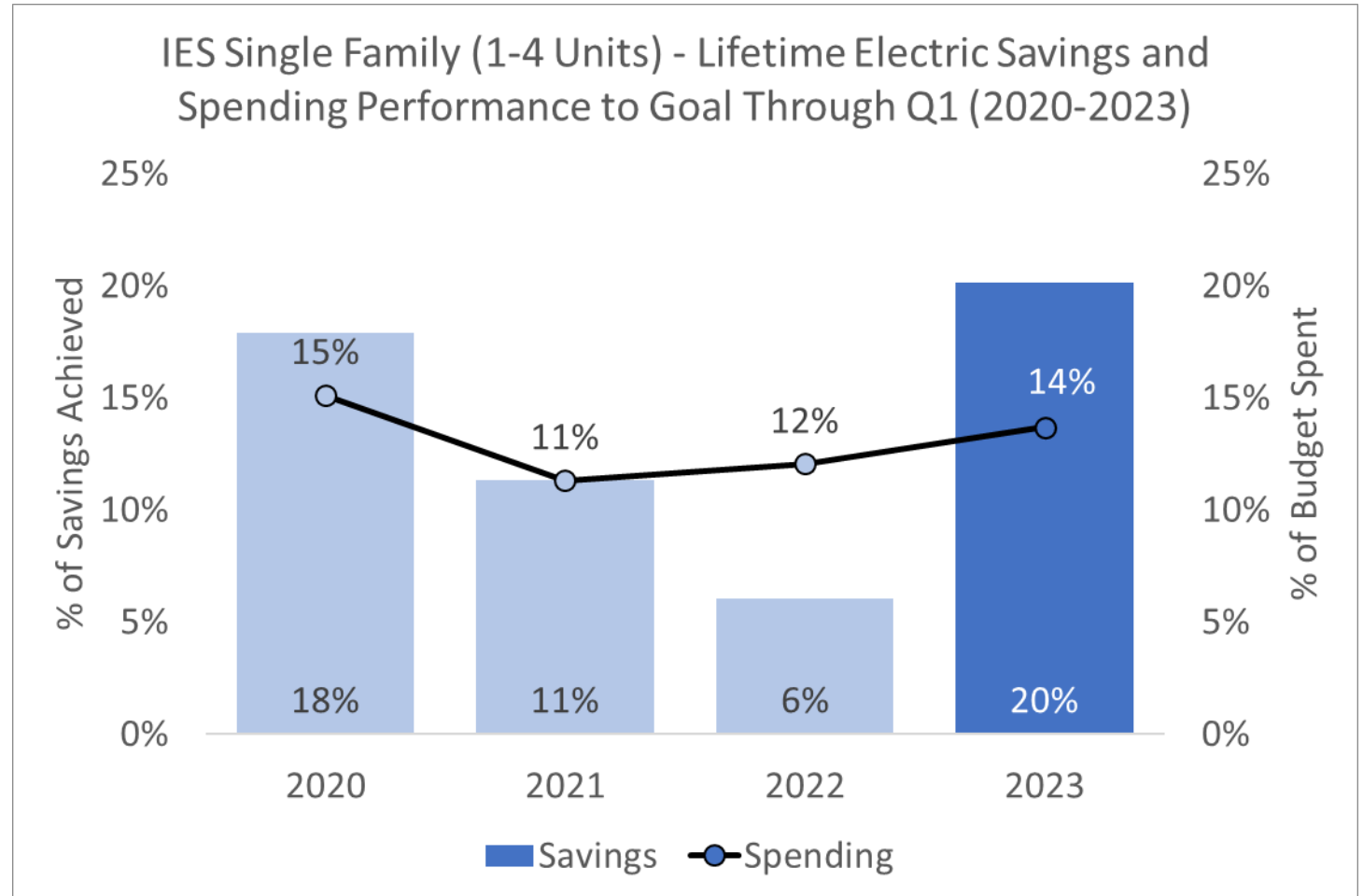
Income Eligible Single Family

Strong start to the year with Q1 performance tracking further ahead than it has in recent years

Key Drivers:

- Continued improvement in appliance replacement services
- Cross-CAP Agency Referrals

Marketing materials for Electric Resistance to Heat Pump conversions expected to go out within the next month



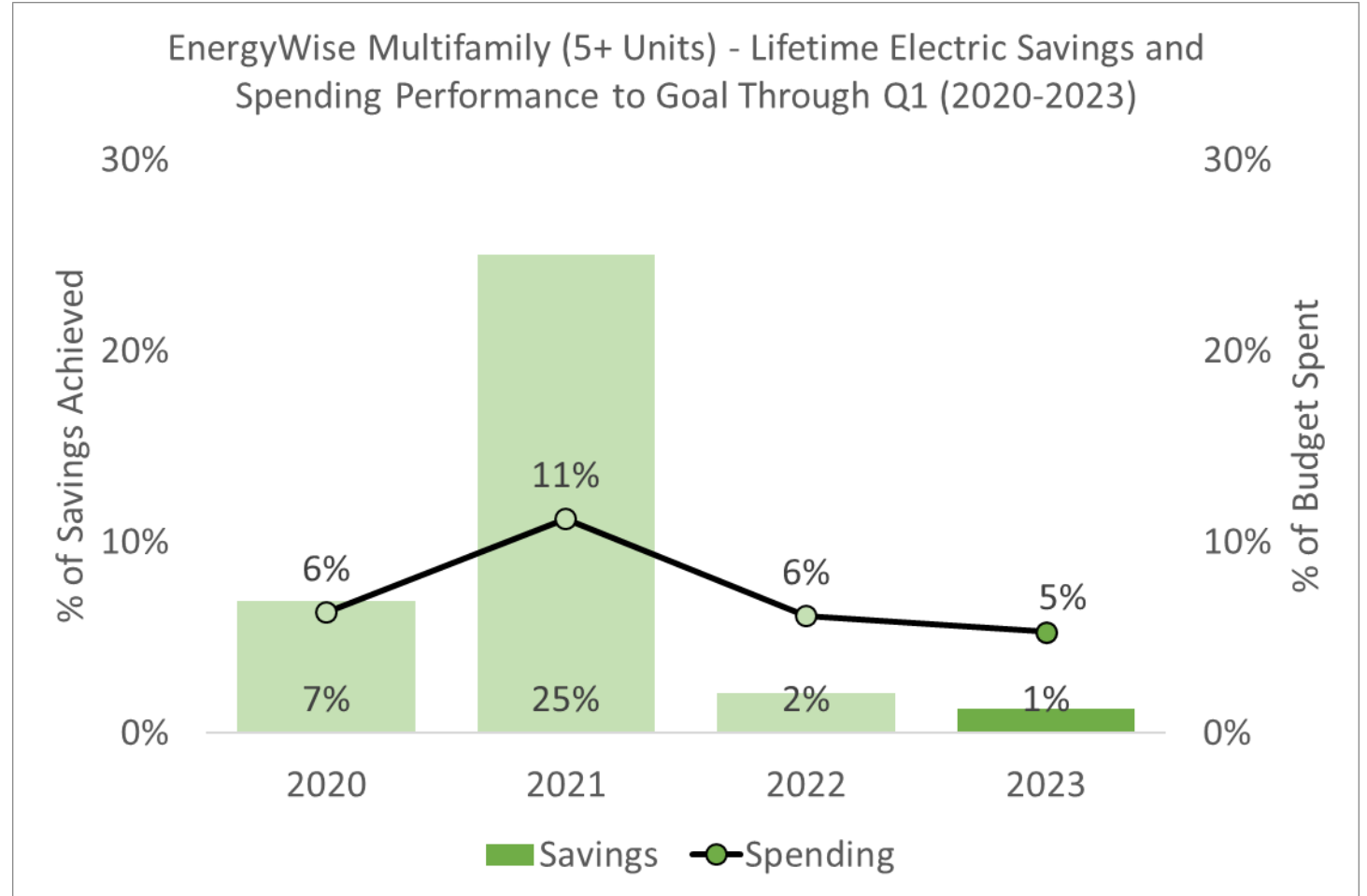


Income Eligible & Market Rate Multifamily

All Multifamily programs are off to a slow start

- Larger mechanical projects take place in warmer months
- Material lead times improving, but still out 8-10 weeks for some measures
- Economic conditions still causing reluctance for larger capital projects

Improvement is expected in coming months



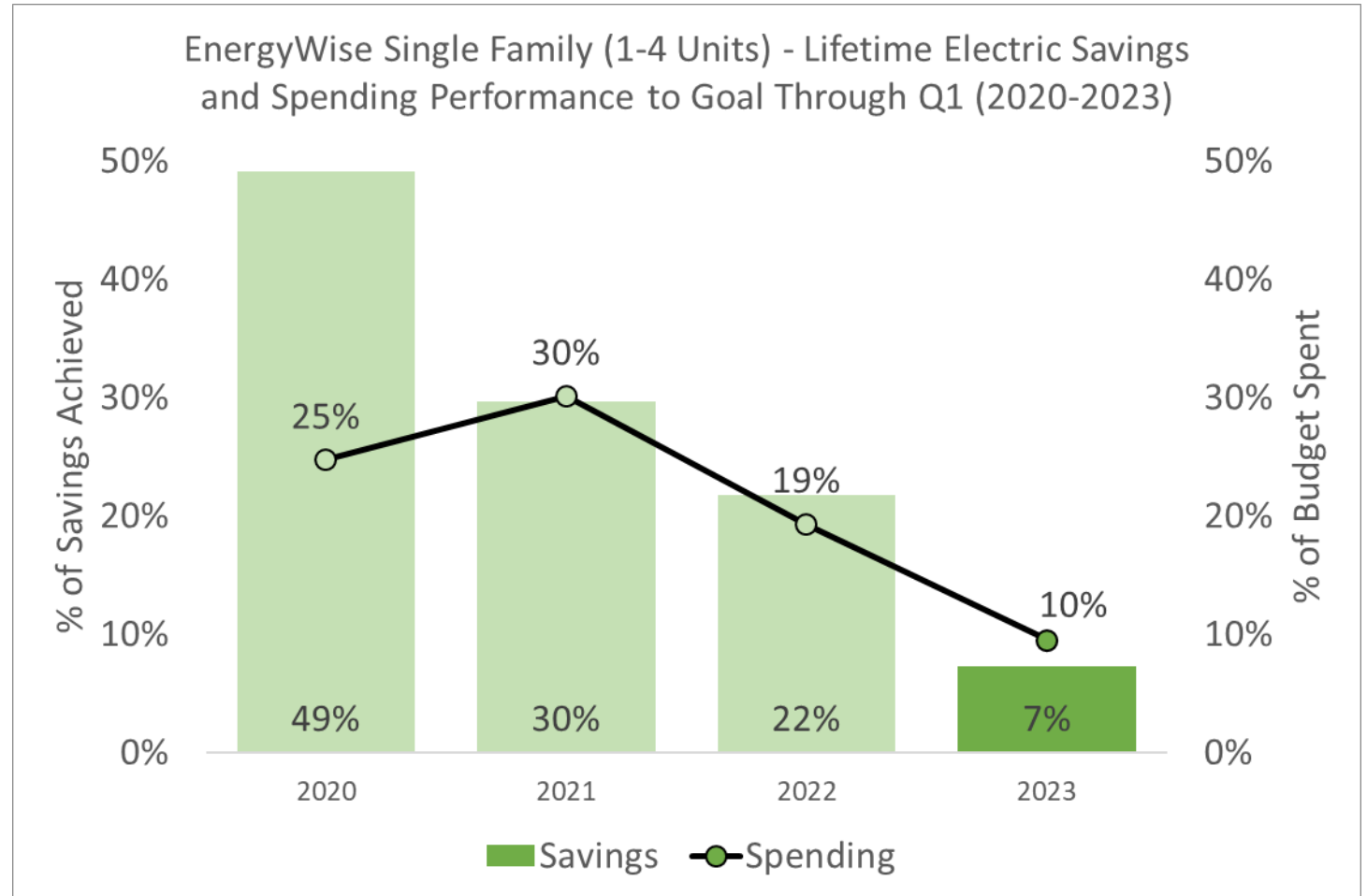


EnergyWise Single Family

High demand for audits early on, but...

...uptake on weatherization services has decreased compared to recent years

Will continue to monitor, and if necessary, encourage program adjustments to increase weatherization uptake





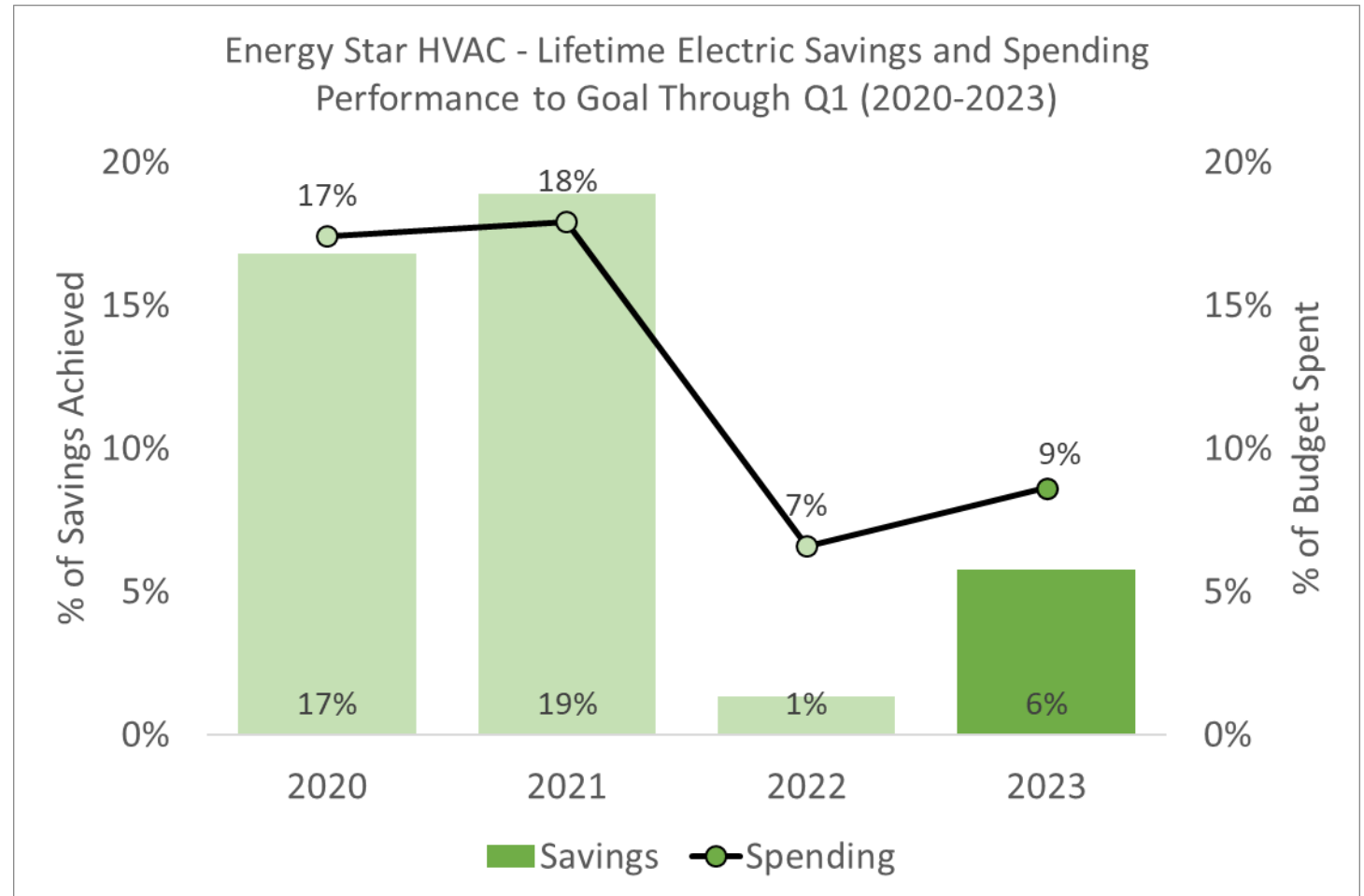
HVAC & Products

HVAC and Products programs appear to be off to slow starts

HVAC performance through March not a good indicator due to invoicing lag

- Expect to catch up by end of May

Products expects increase in activity following recent relaunched Online Marketplace and upcoming enhanced incentives on select products



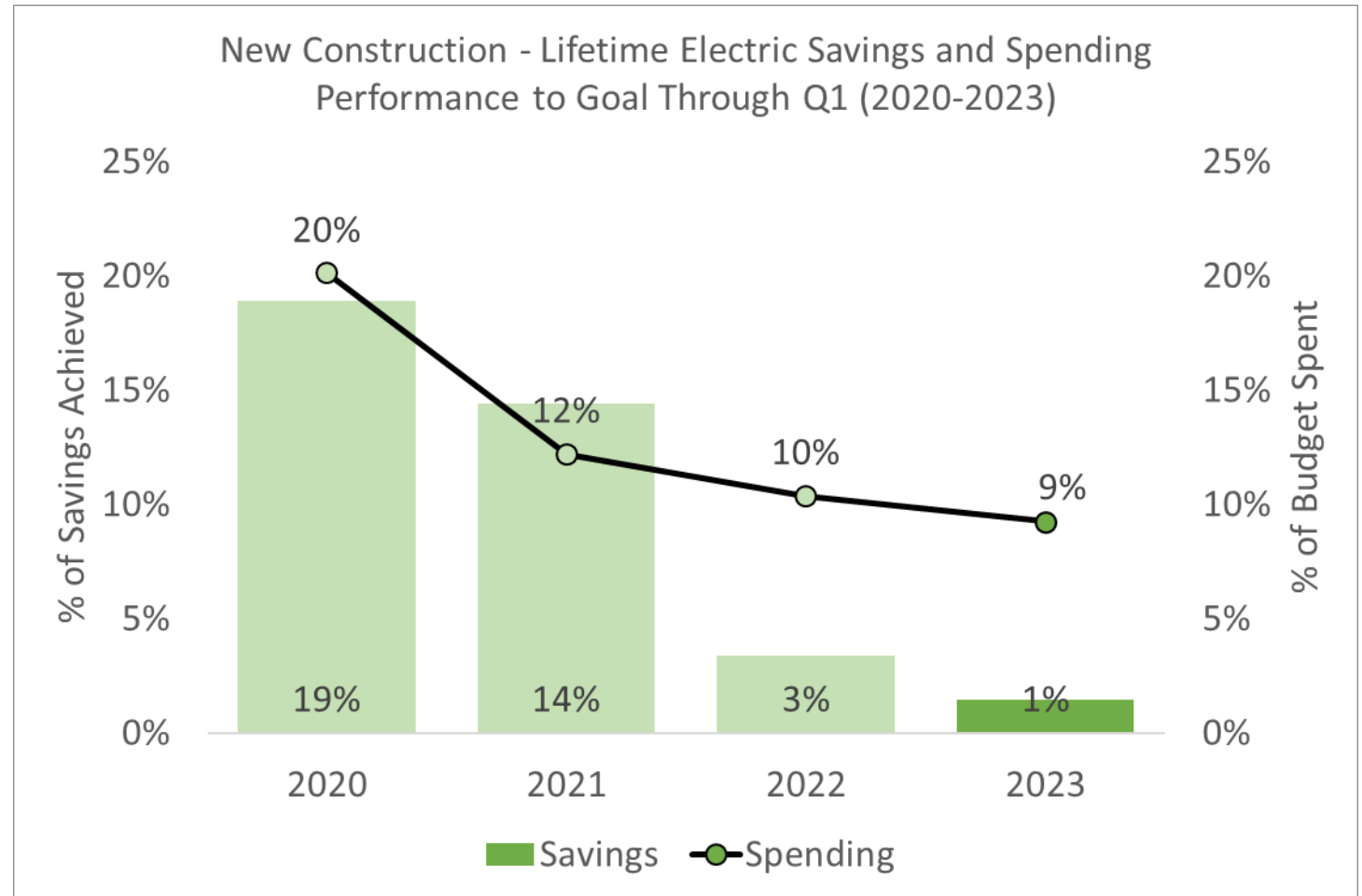


New Construction

Slow start primarily due to permits, labor, and material shortages

Enrollments and Project Completions down significantly compared to Q1 2022

Current pipeline includes over 200 units of affordable Multifamily housing that are seeking Passive House





RI ENERGY SECTOR HIGHLIGHTS





Residential & Income Eligible Highlights



Zero Energy for the Ocean State (ZEOS) Round III

- Continued partnership with RI Housing and OER to help design and construct affordable, energy-efficient Zero Energy Building (ZEB) housing units to serve low- and moderate-income residents in Rhode Island
- An RFP offering up to \$500,000 for the development of these units released in March
- To qualify, housing units must meet ZEB standards and include solar photovoltaic (PV) and air-source heat pump (ASHP) technologies to achieve ZEB status
- Since the ZEOS program began in 2019, it has supported the development of 186 units of Net Zero housing

KPI Process

- KPI meetings were held with each CAP, the Company's Lead Vendor (LV) and at least one RI Department of Human Services (DHS) representative



Residential & Income Eligible Highlights



Income Eligible

- Single family program completed contract amendments focused on Equity Zones where customers have been underserved. This was an iterative process with full agency cooperation and buy in.
- ASHP: one agency, Comprehensive CAP, was selected to work with HVAC vendors and process all the projects. The selection criteria included outstanding relationships with qualified ASHP vendors, ability to rapidly inspect, process and pay contractors, and an historic reputation for outstanding customer service.

EnergyStar HVAC – New Heat Pump Overview Presentation

- Broader audience (not just HVAC contractors), raise awareness of heat pump technology, understand the importance of sizing, duct design and proper installation, and share best practices
- This new presentation was given to the Plumbing & Mechanical Inspectors Association, in partnership with Rhode Island Energy's Codes & Standards Technical Support program
- It will be presented to other audiences and venues later in the year



Commercial & Industrial Highlights



Large Commercial New Construction

- There are currently 60 active projects in Q1. This is up from 40 in Q4 2022 for a 50% increase. There are about 10 additional leads that the Company is looking to obtain more information for project qualification.

Large Commercial Retrofit – Energy Smart Grocer Initiative

- A study on the energy savings benefits of refrigeration leak detection and repair was concluded at a grocery store in Barrington, RI. This location was part of a larger study across state lines, with this being the only location in Rhode Island.
- These repairs were found to have saved 5,785 kWh of energy.



Commercial & Industrial Highlights



Strategic Energy Management Partnerships (SEMP)

- January 18: Joint workshop with Quonset Development Corporation
- The presentation covered what's new with our Quonset, Rhode Island Energy partnership and small business energy efficiency
- Ten Quonset businesses participated

Community Solutions Initiative

- During the first quarter of 2023, the Company began its small business coordination by working with the Office of Planning and Economic Development and the Chamber of Commerce to help promote the initiative and to help identify potential customer leads.
- The Company also worked with the Department of Public Works to prioritize building based on EUI and began performing energy assessments of high priority buildings.



Council Member Discussion



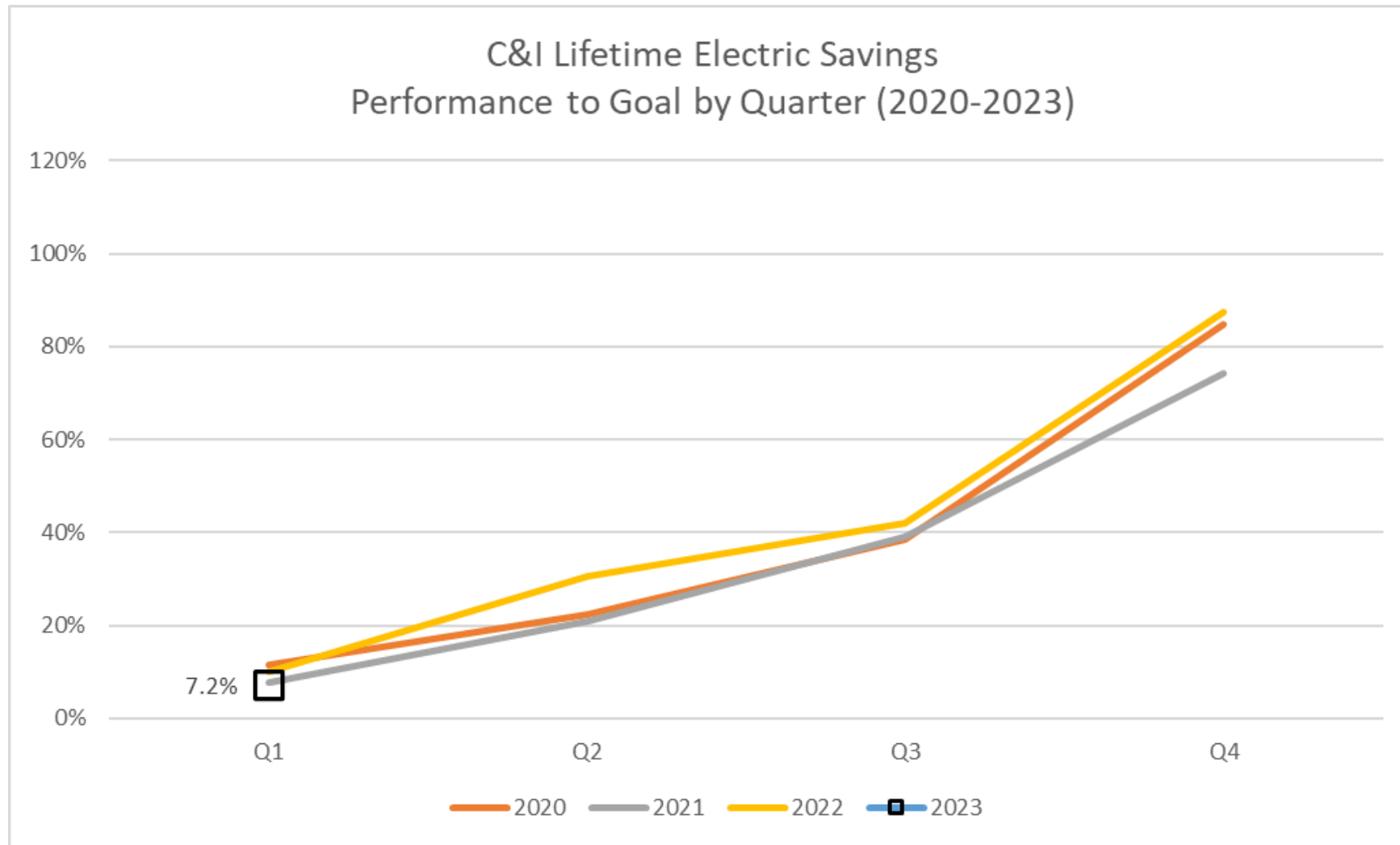


Appendix



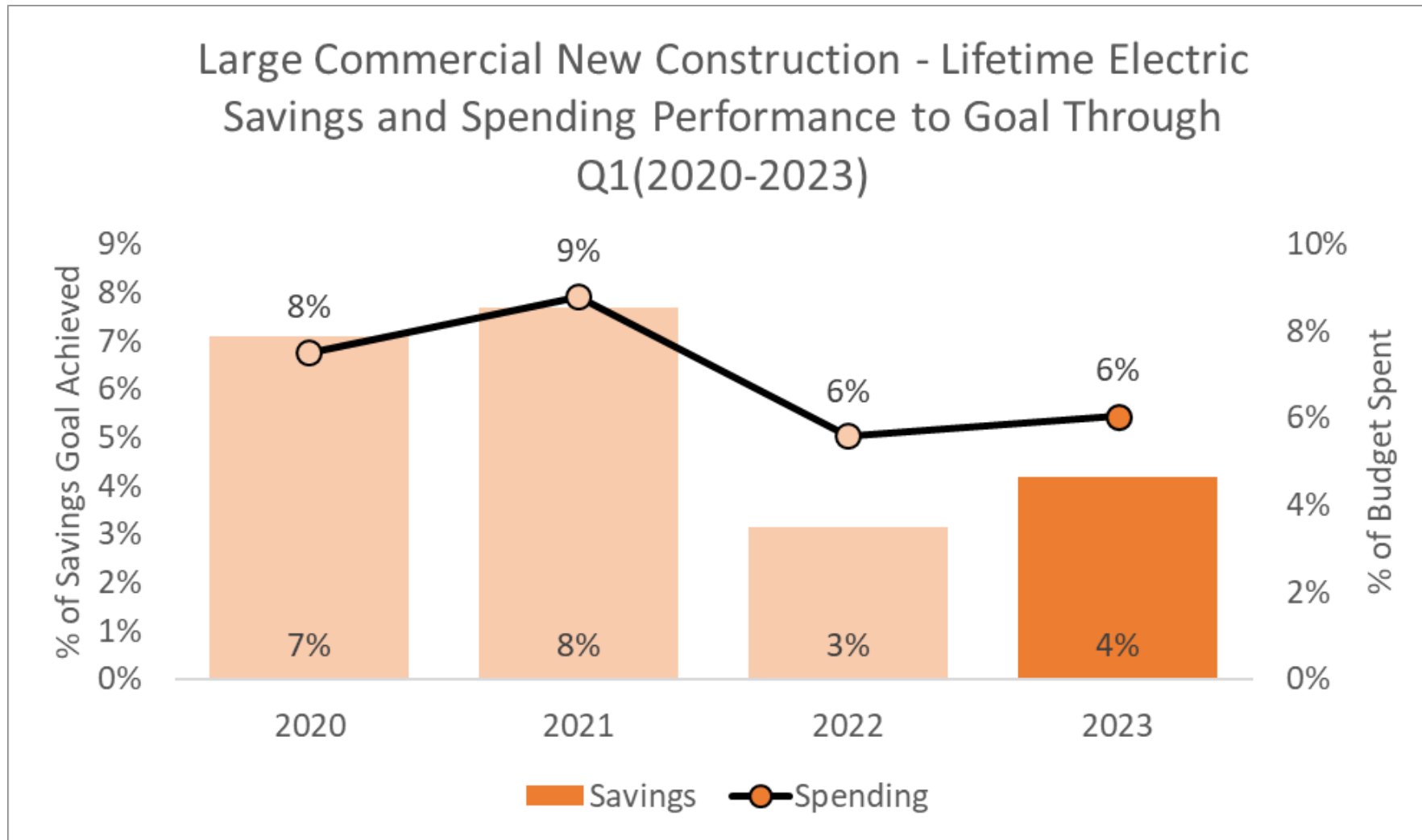


Electric C&I Performance



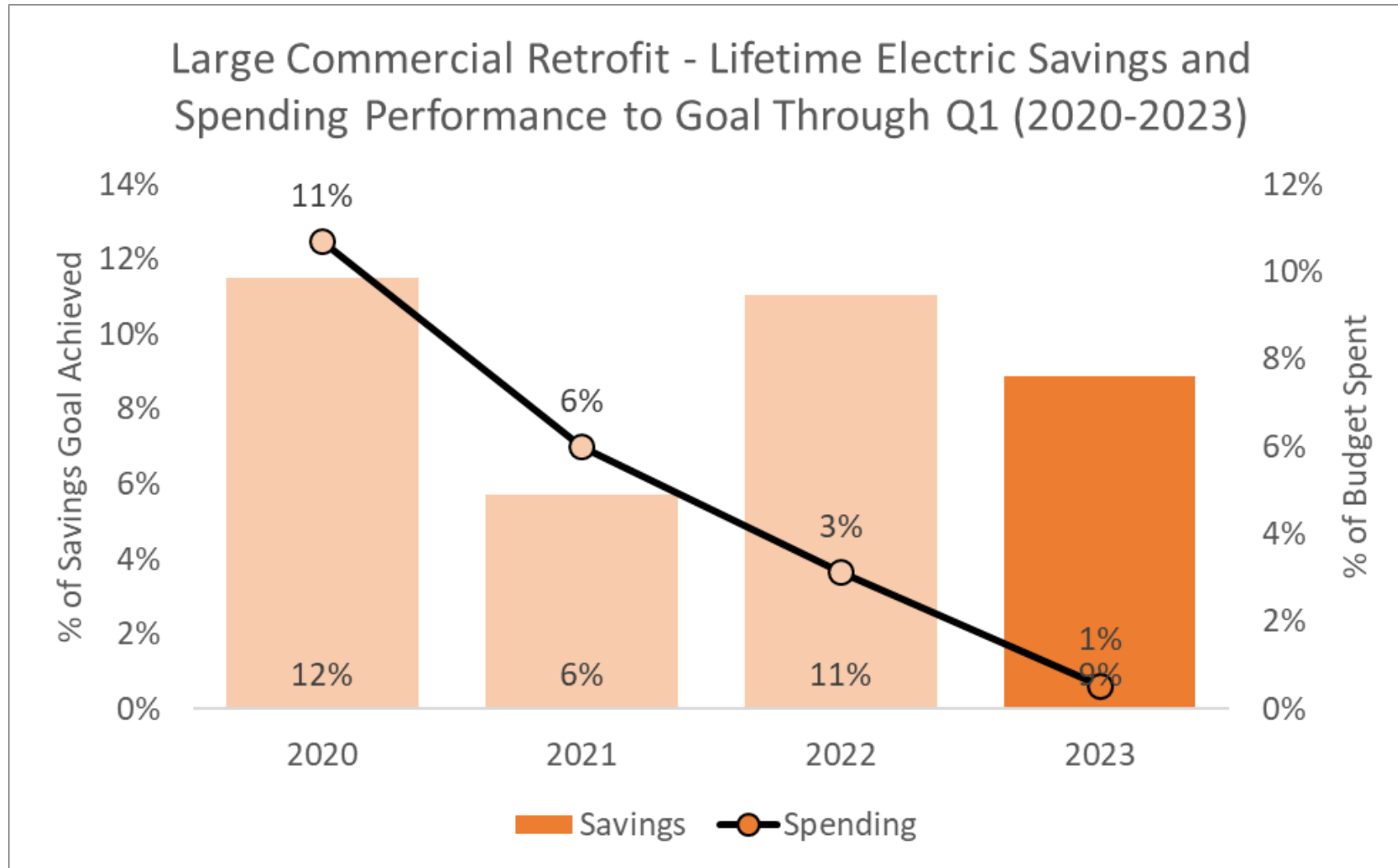


Electric C&I Programs



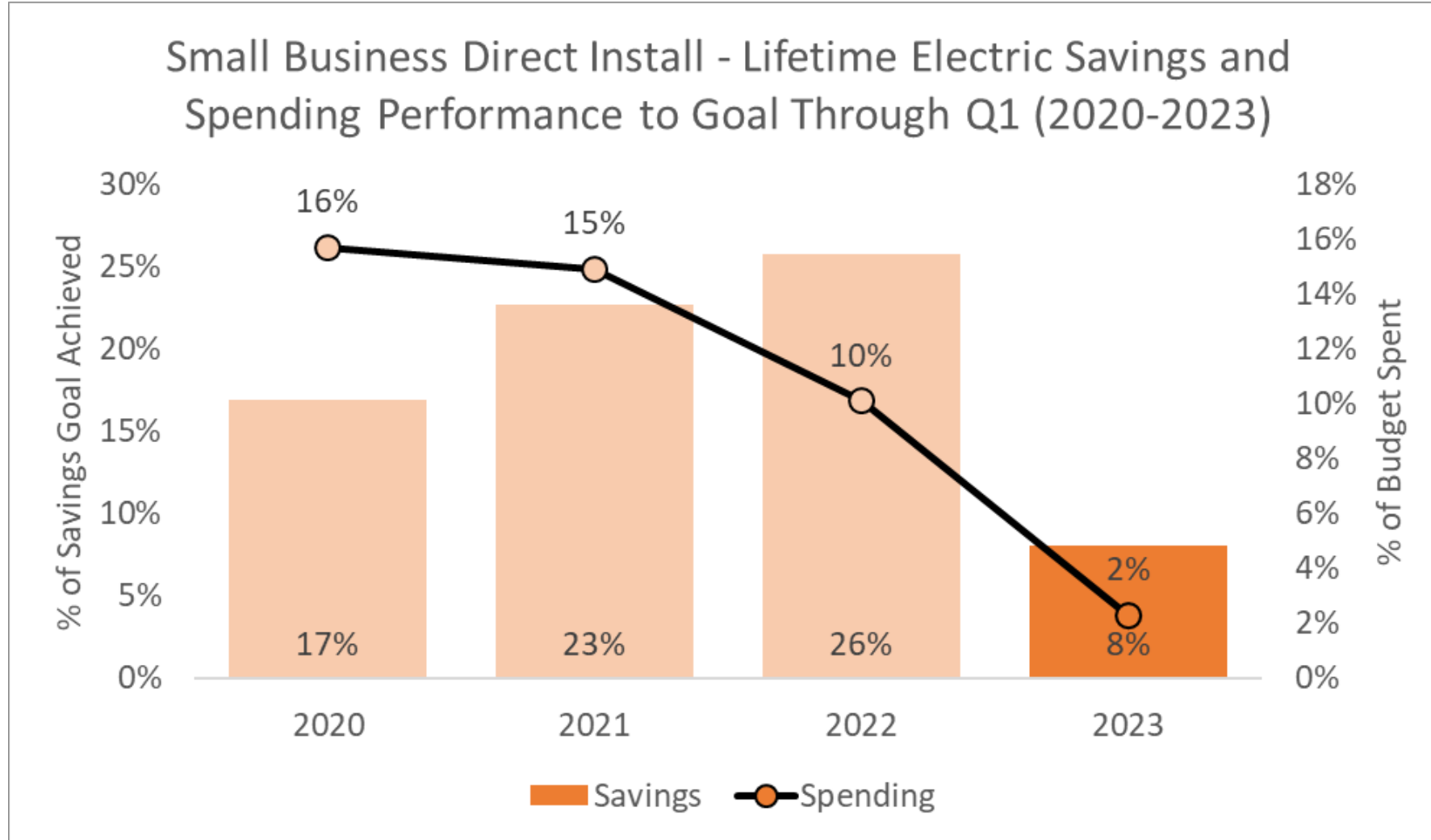


Electric C&I Programs



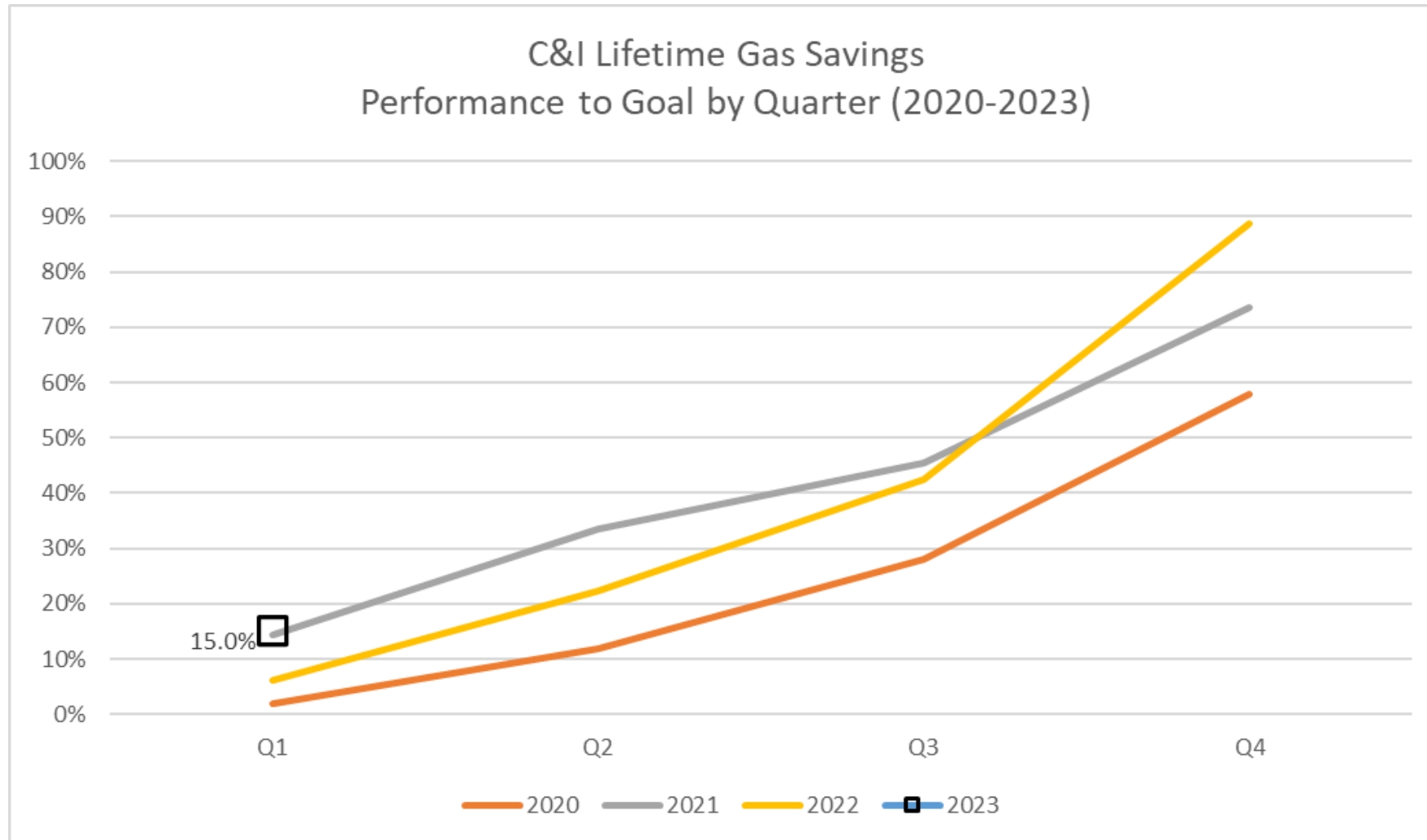


Electric C&I Programs



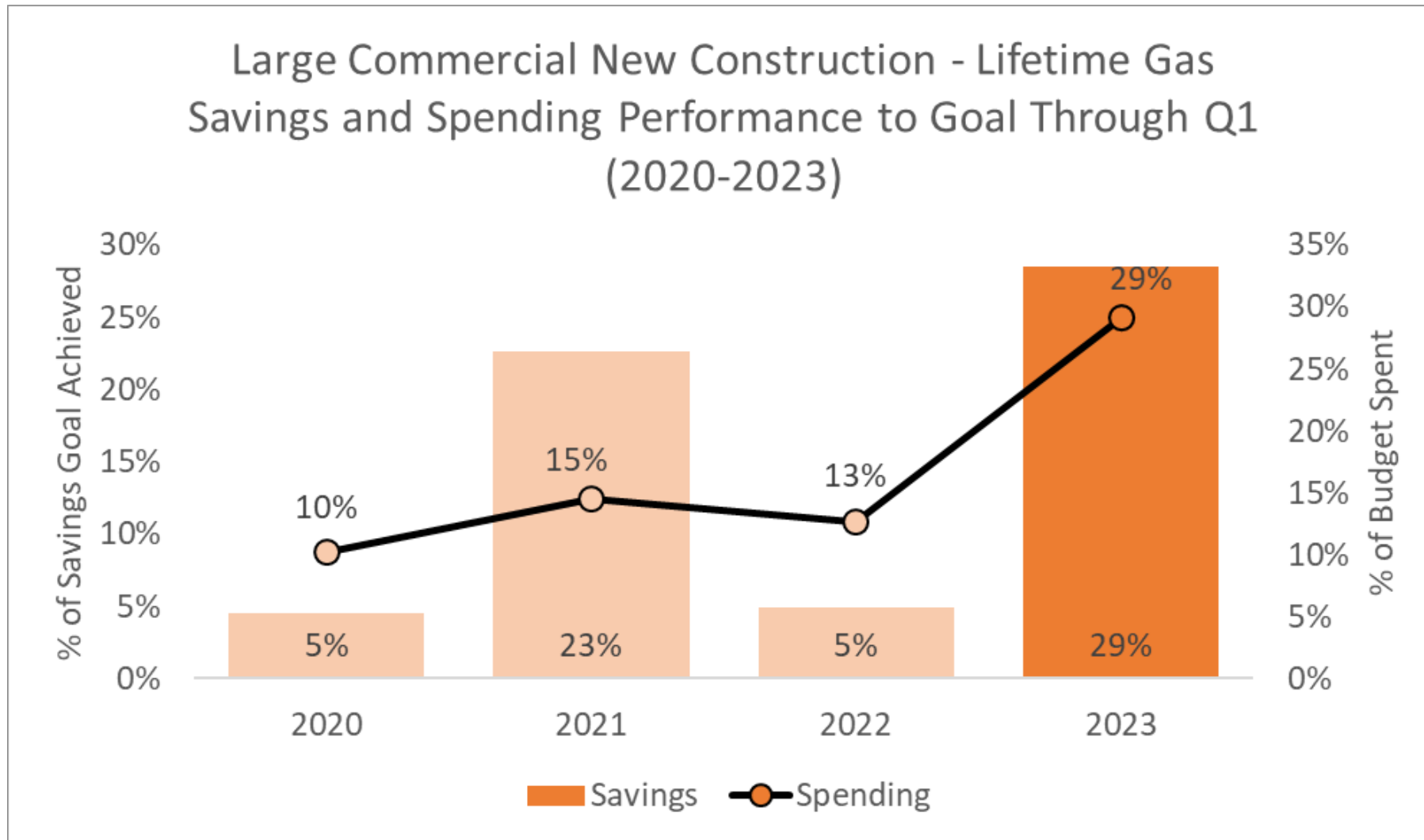


Gas C&I Performance



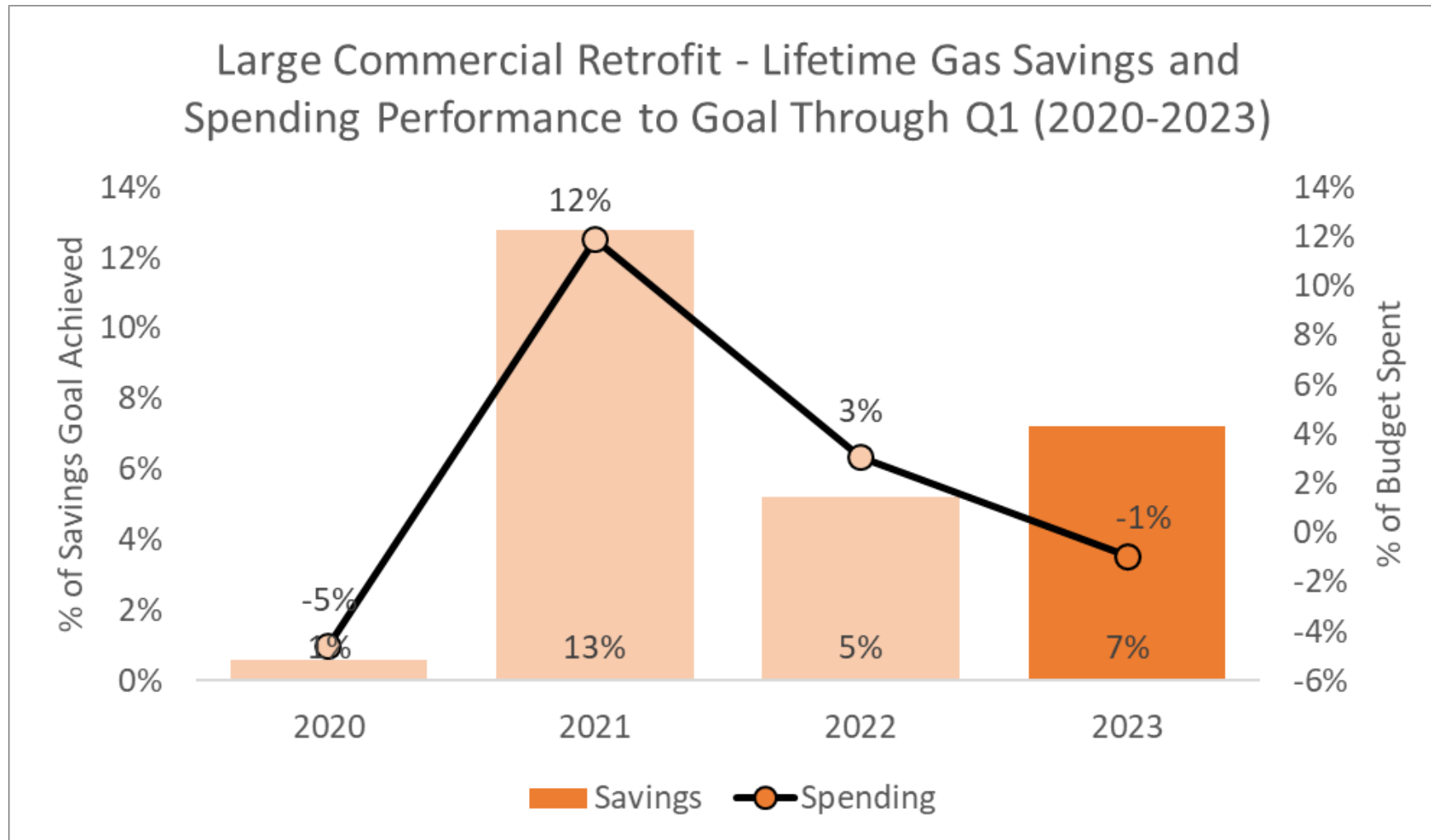


Gas C&I Programs



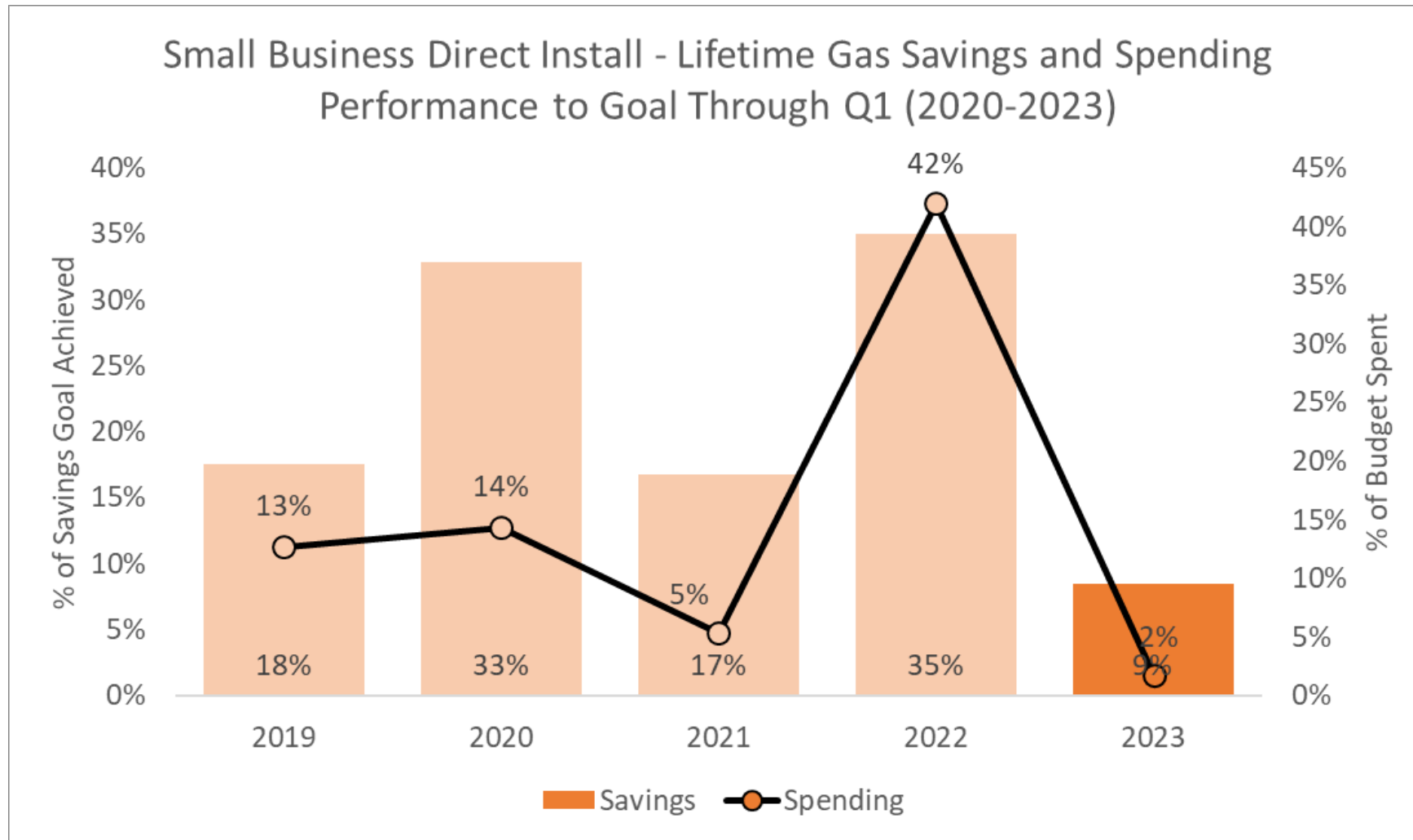


Gas C&I Programs



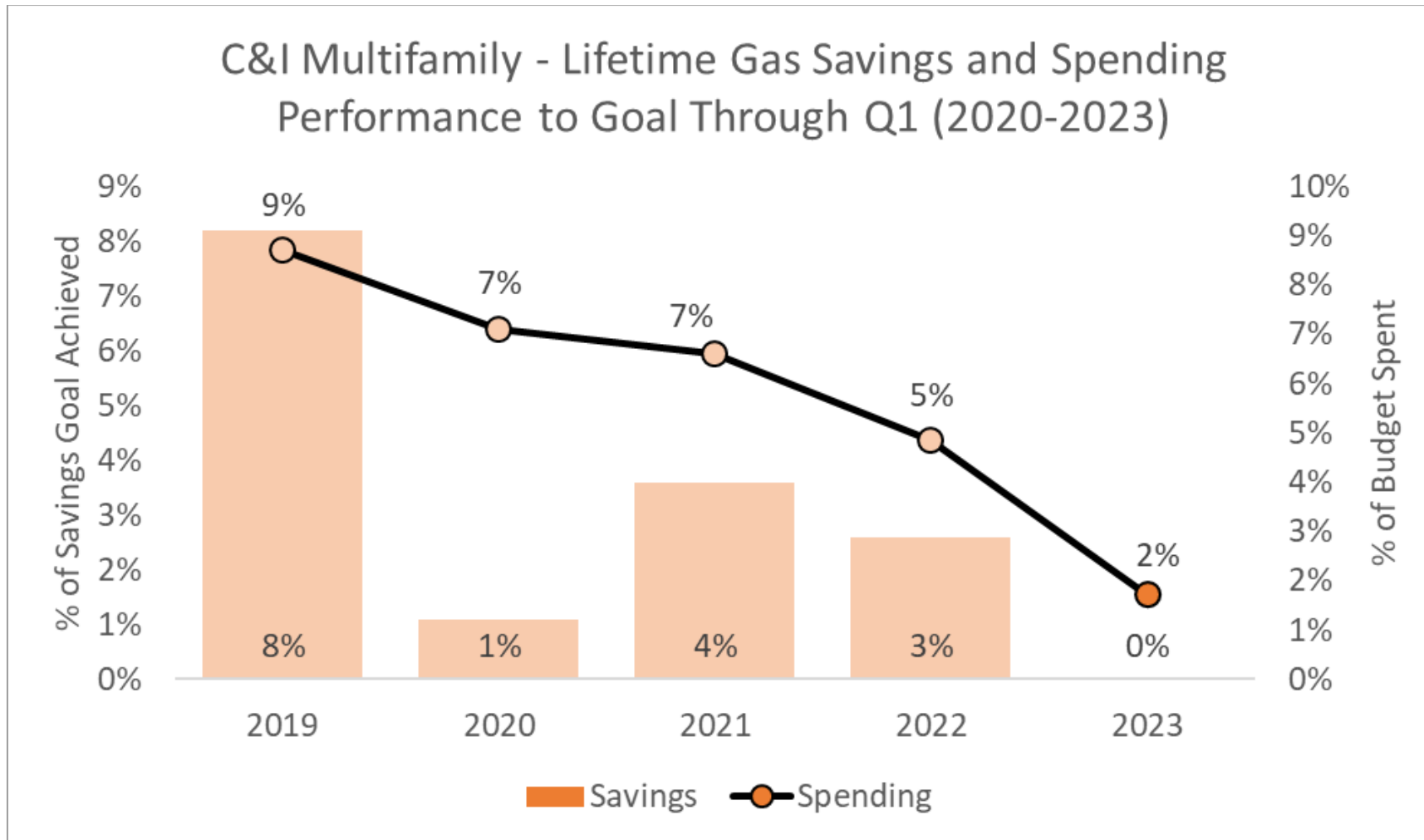


Gas C&I Programs



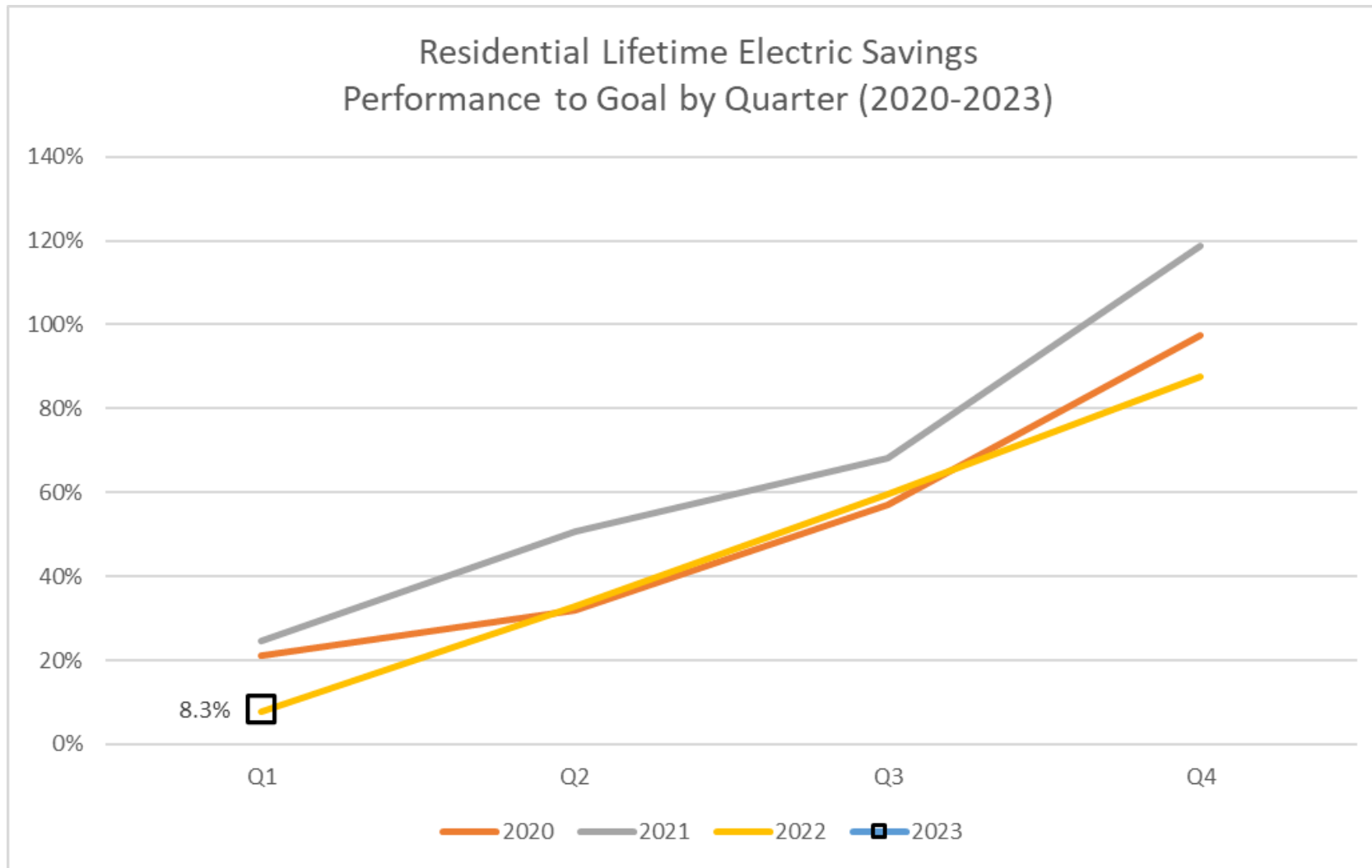


Gas C&I Programs



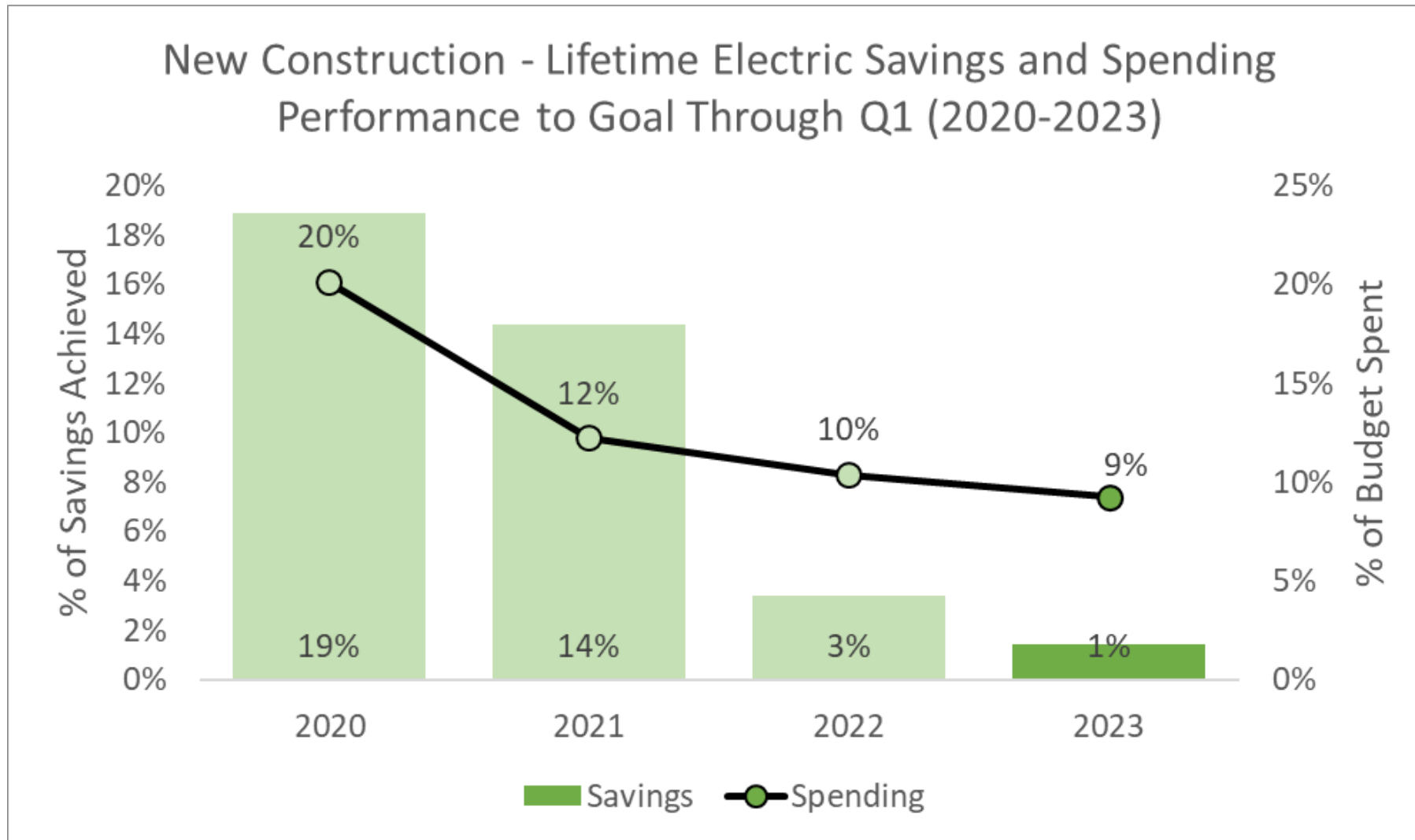


Electric Res Performance



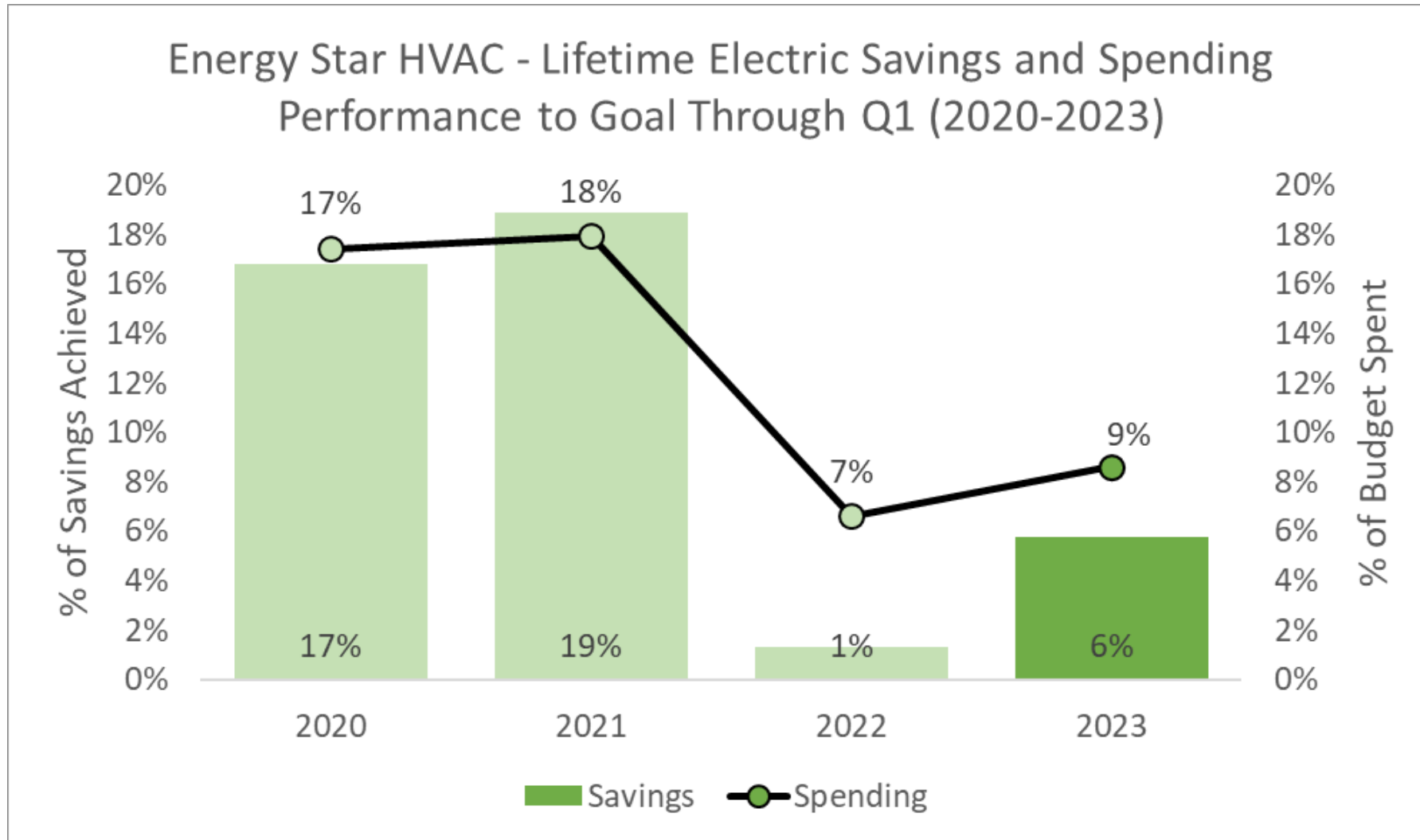


Electric Res Programs



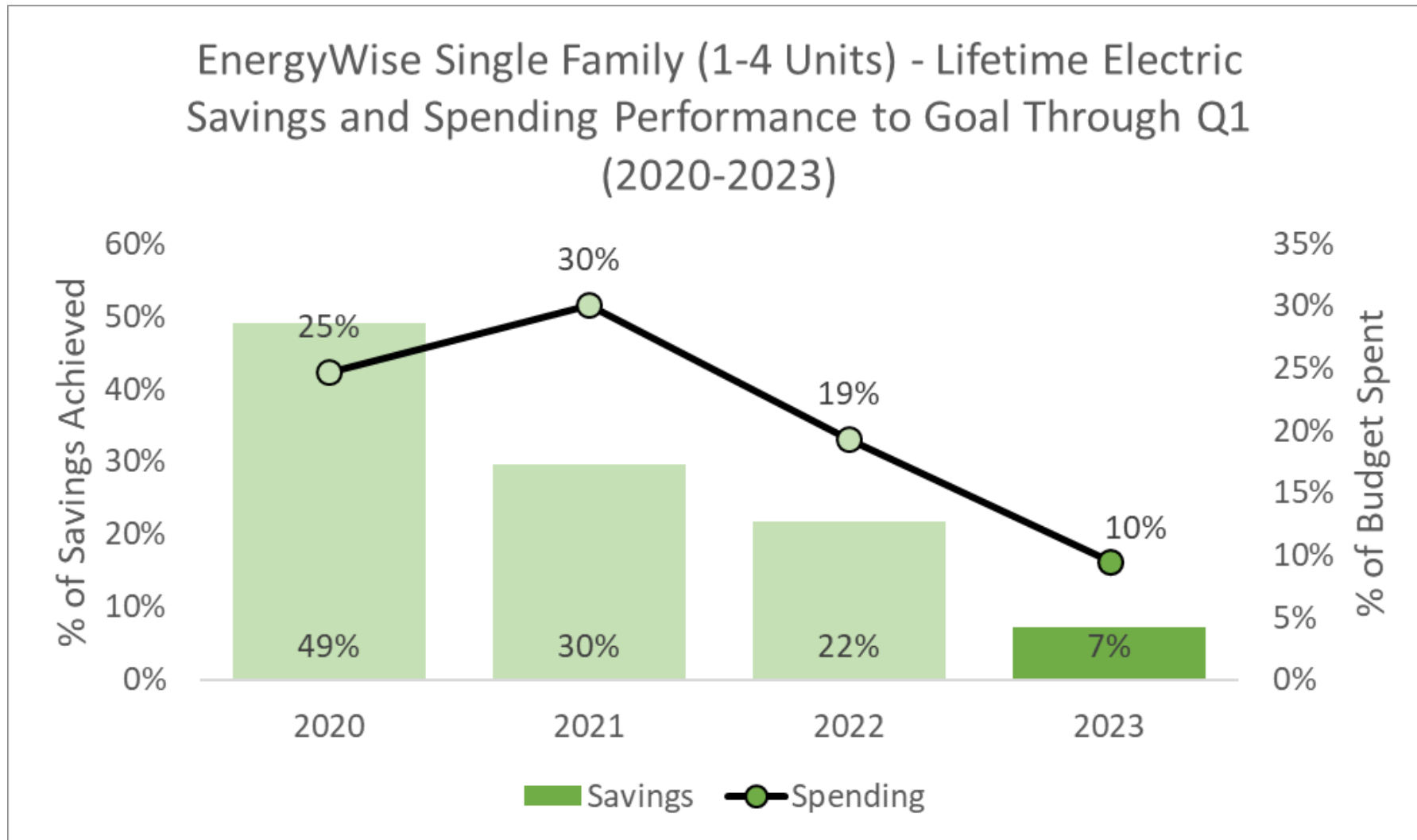


Electric Res Programs



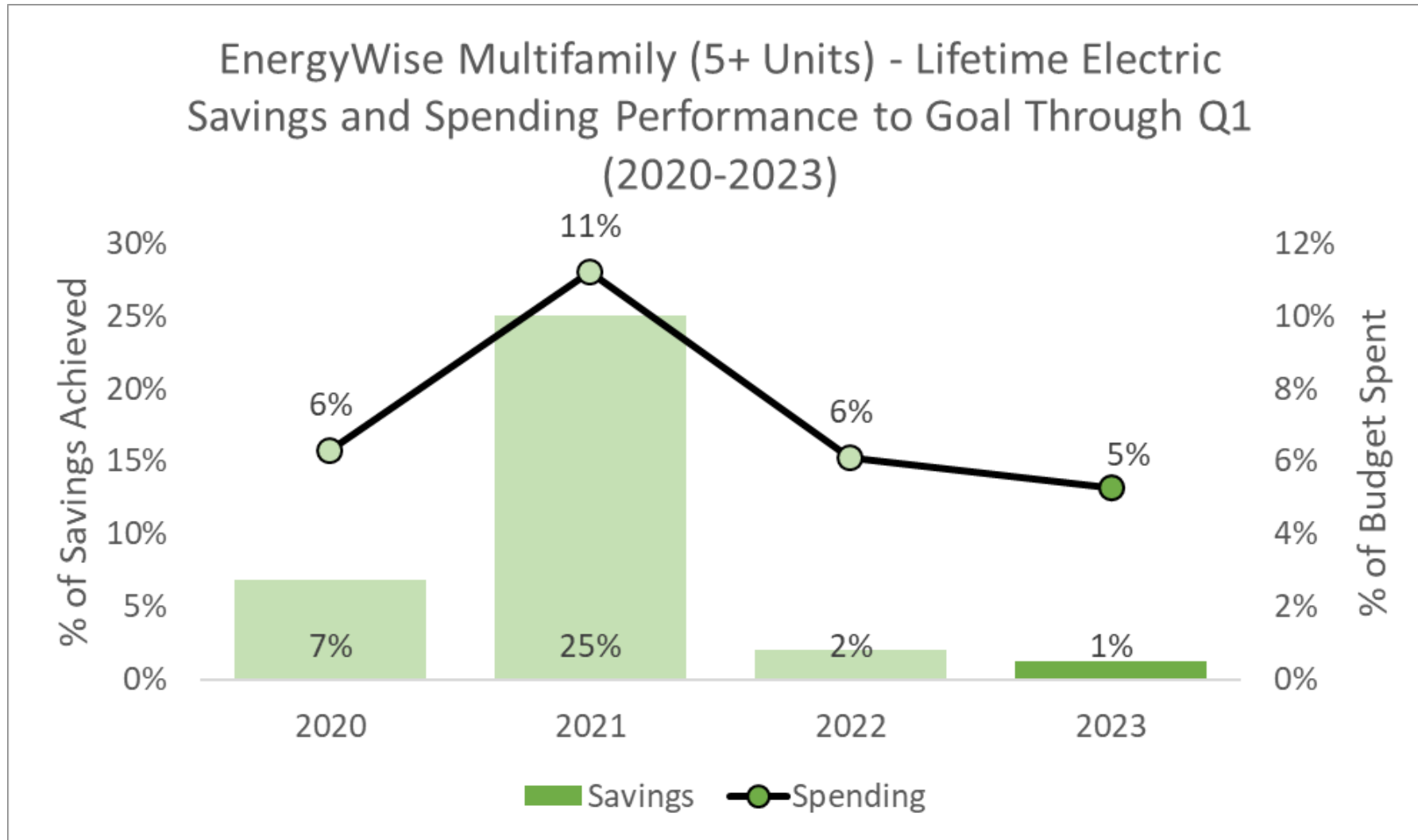


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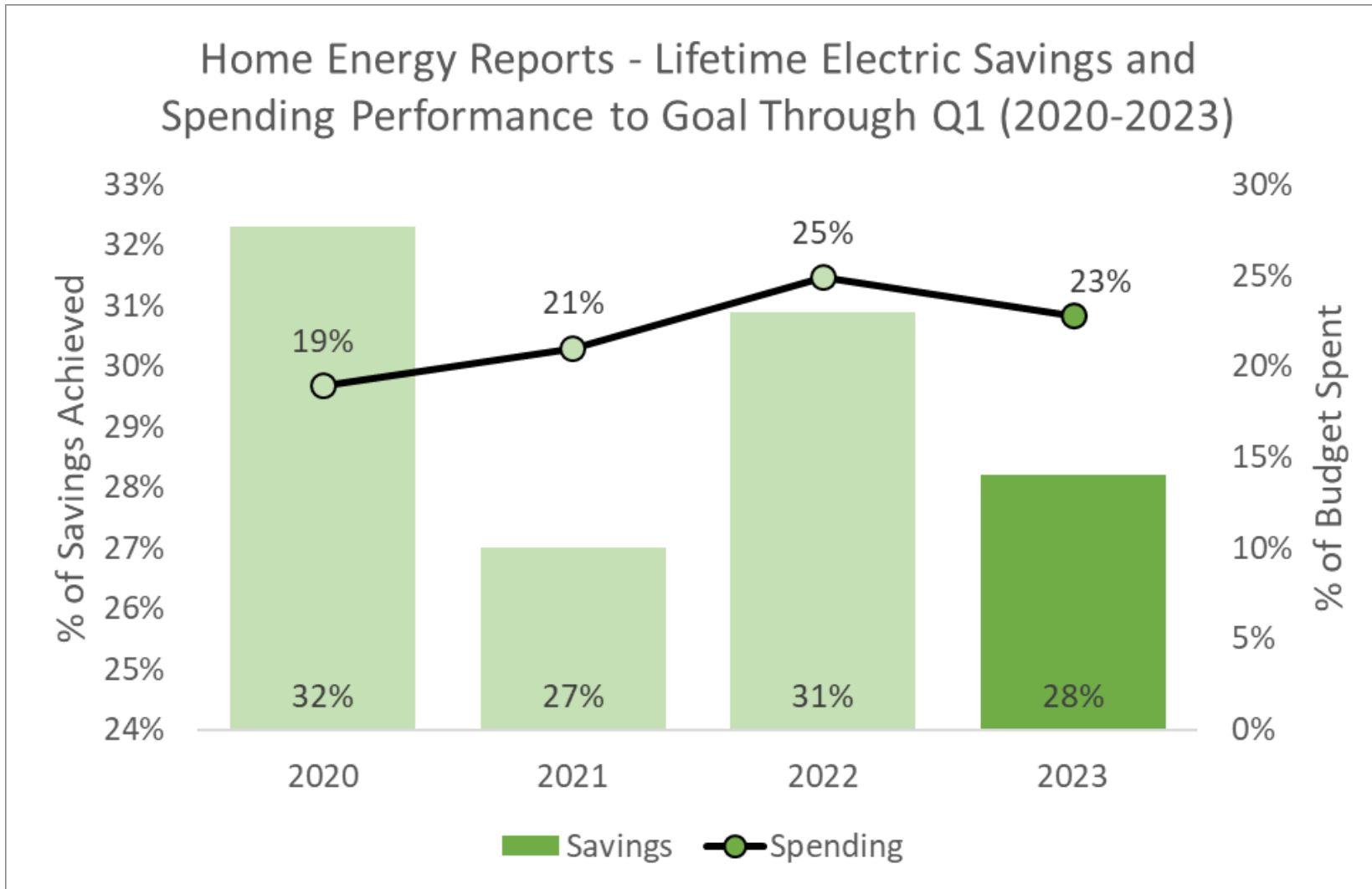


Electric Res Programs





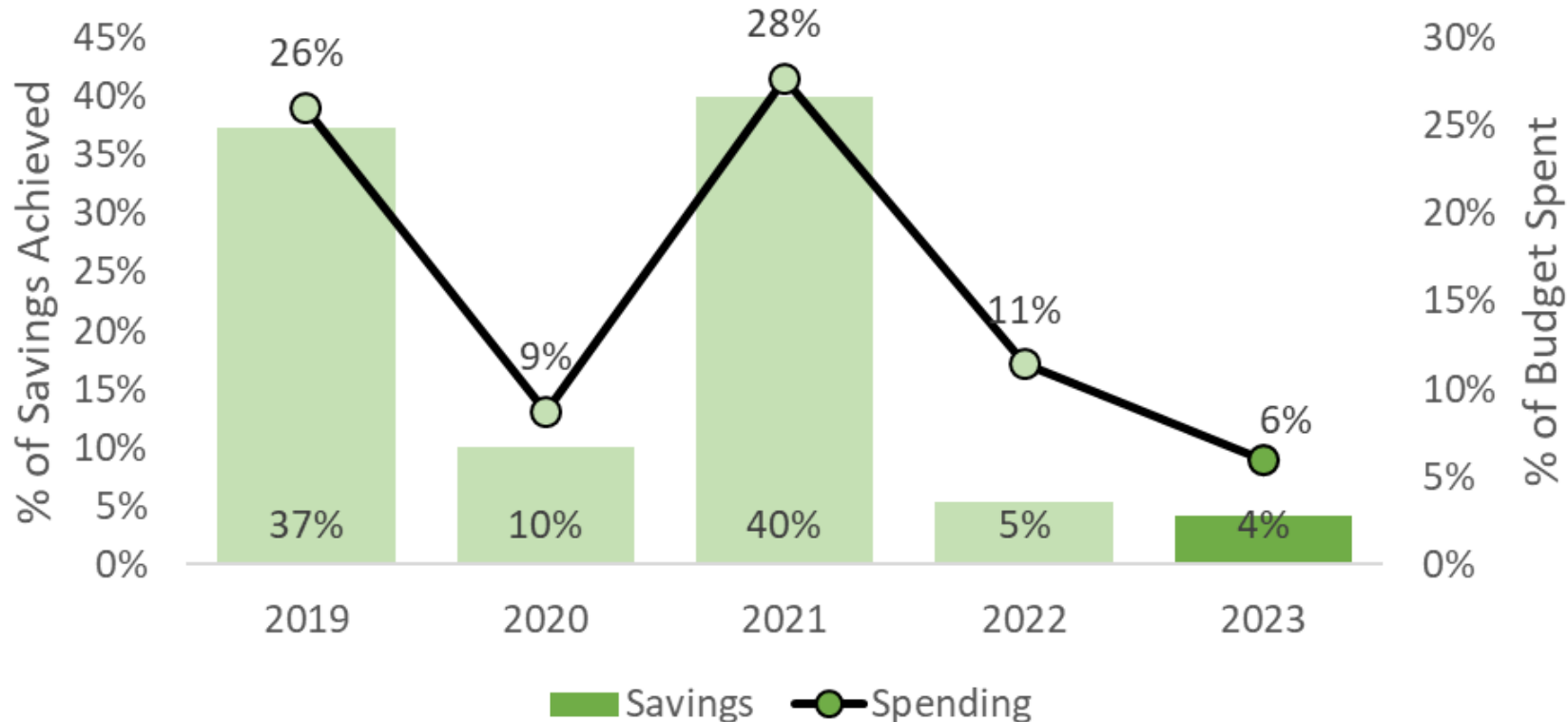
Electric Res Programs





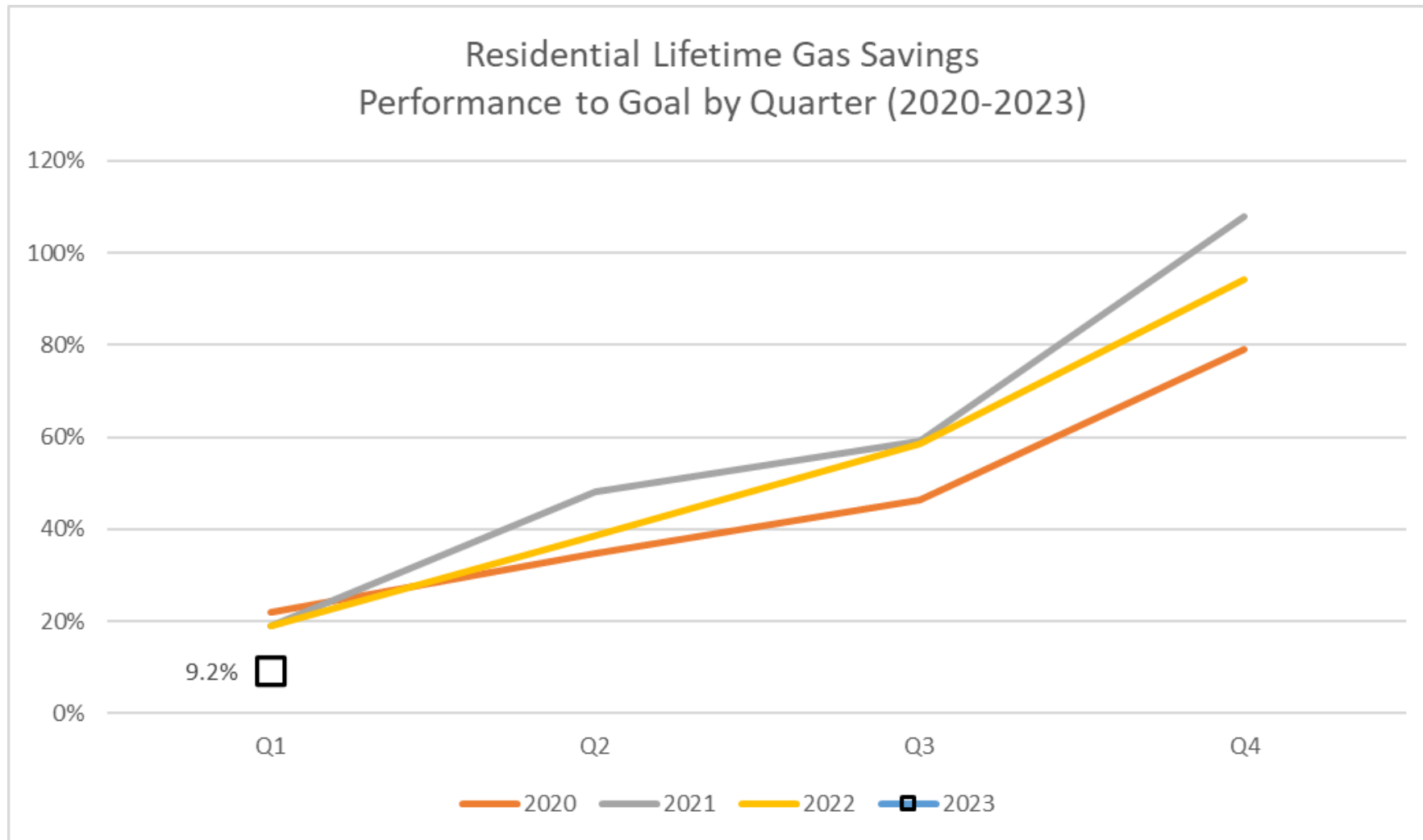
Electric Res Programs

Residential Consumer Products - Lifetime Electric Savings and Spending Performance to Goal Through Q1 (2020-2023)



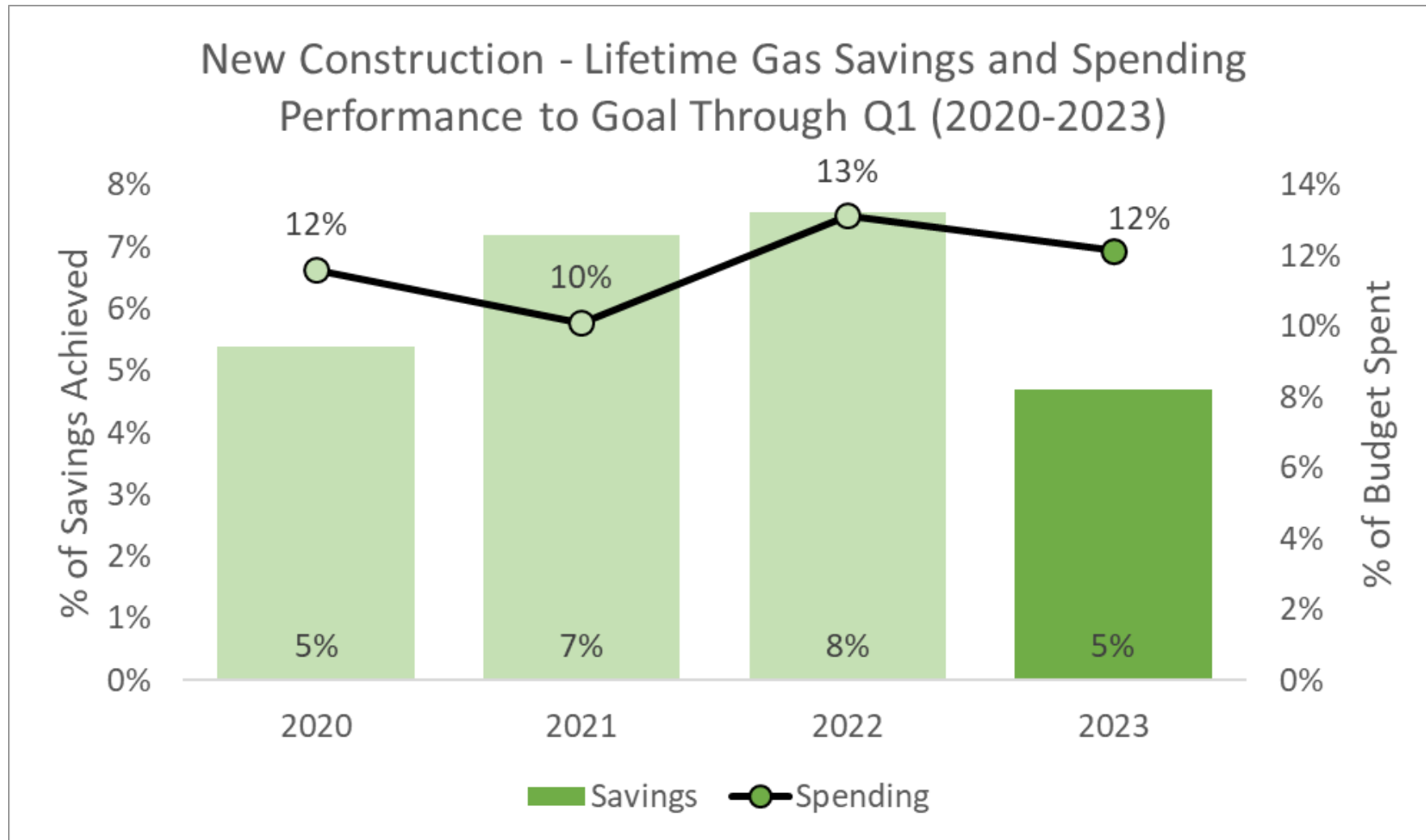


Gas Res Performance



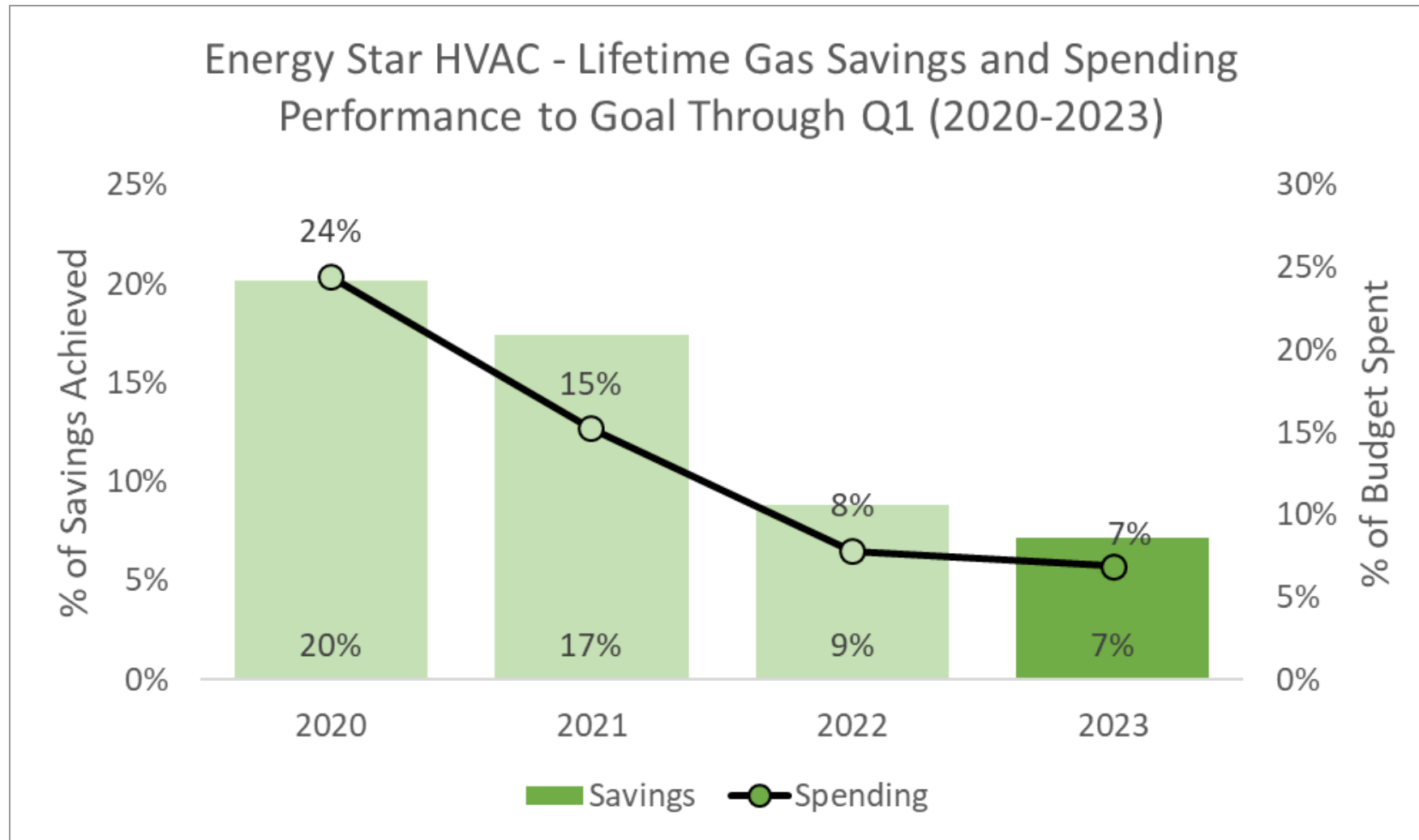


Gas Res Programs





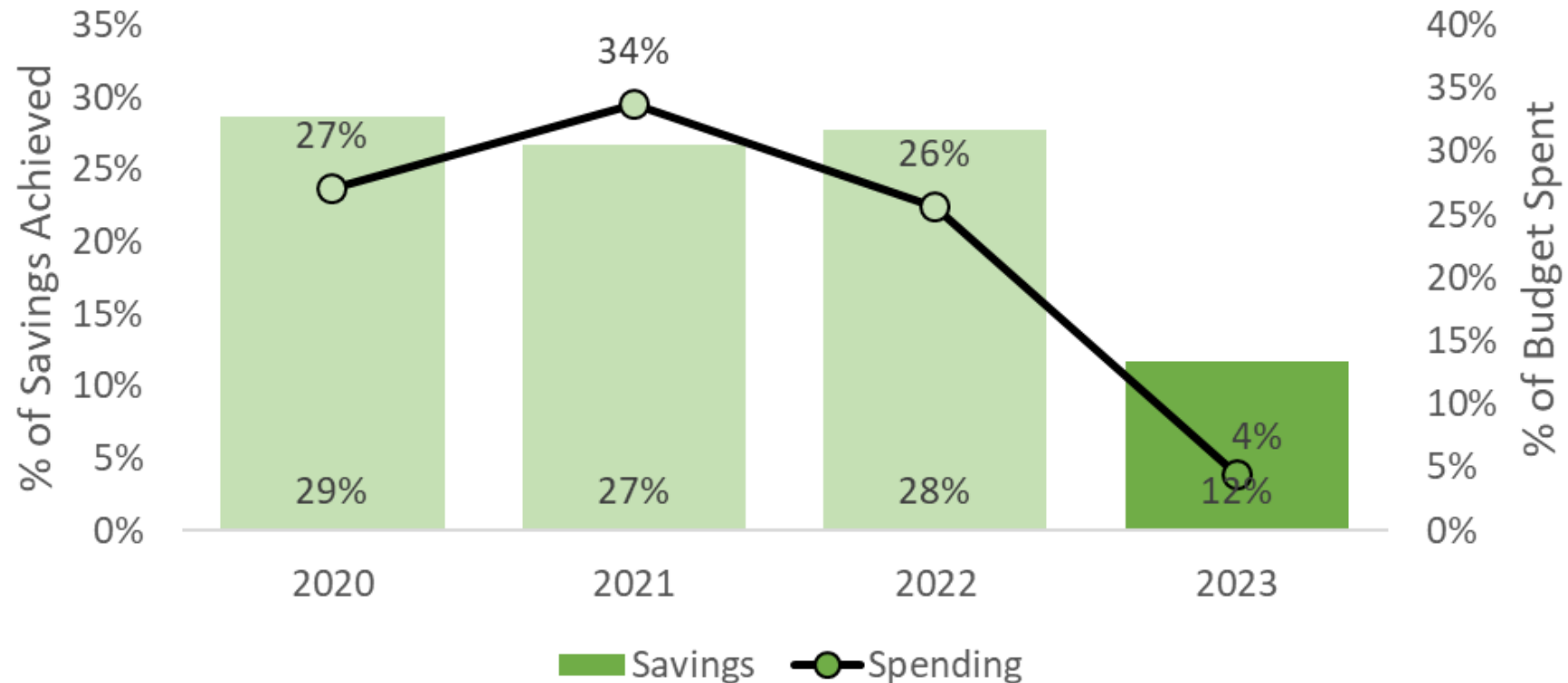
Gas Res Programs





Gas Res Programs

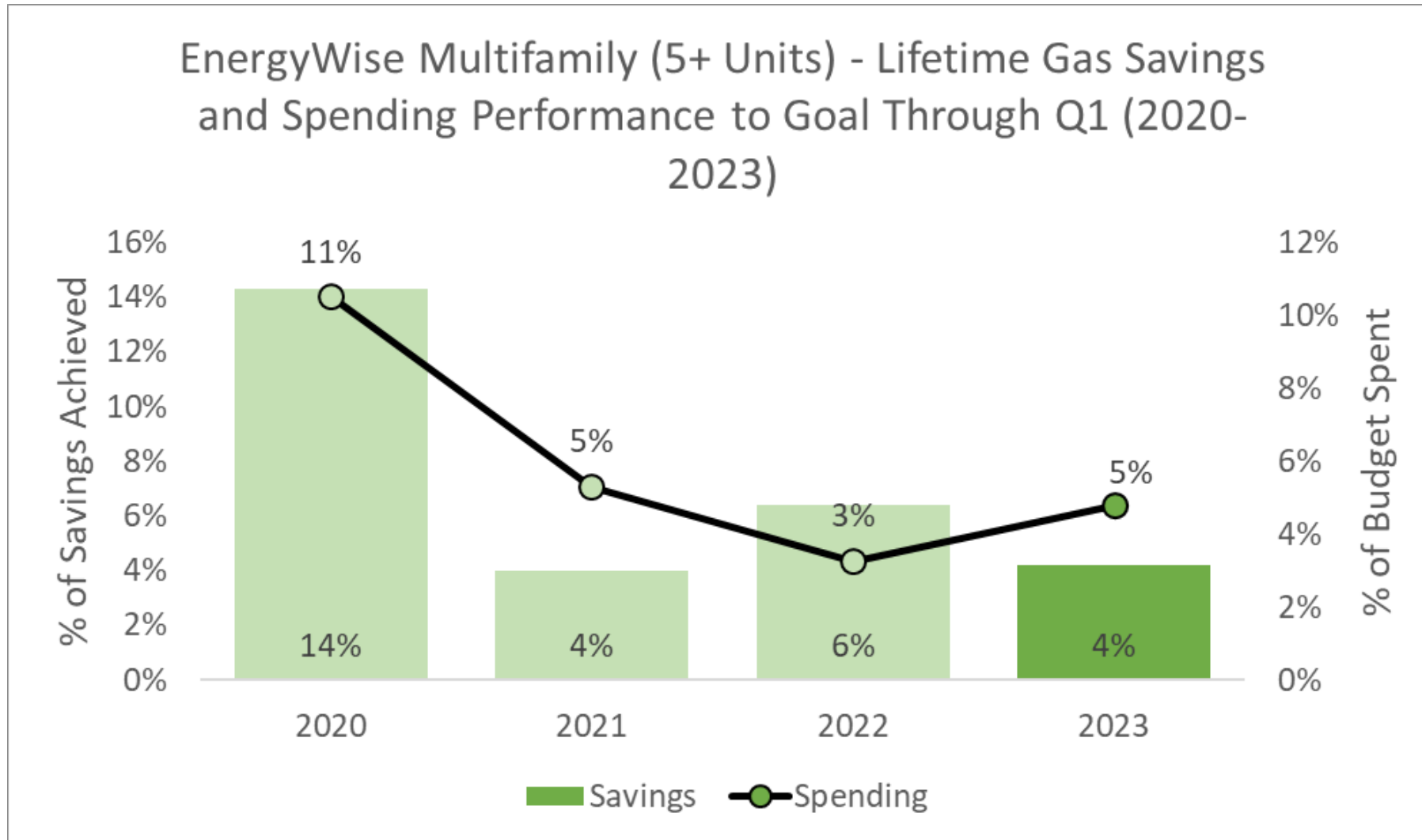
EnergyWise Single Family (1-4 Units) - Lifetime Gas Savings and Spending Performance to Goal Through Q1 (2020-2023)





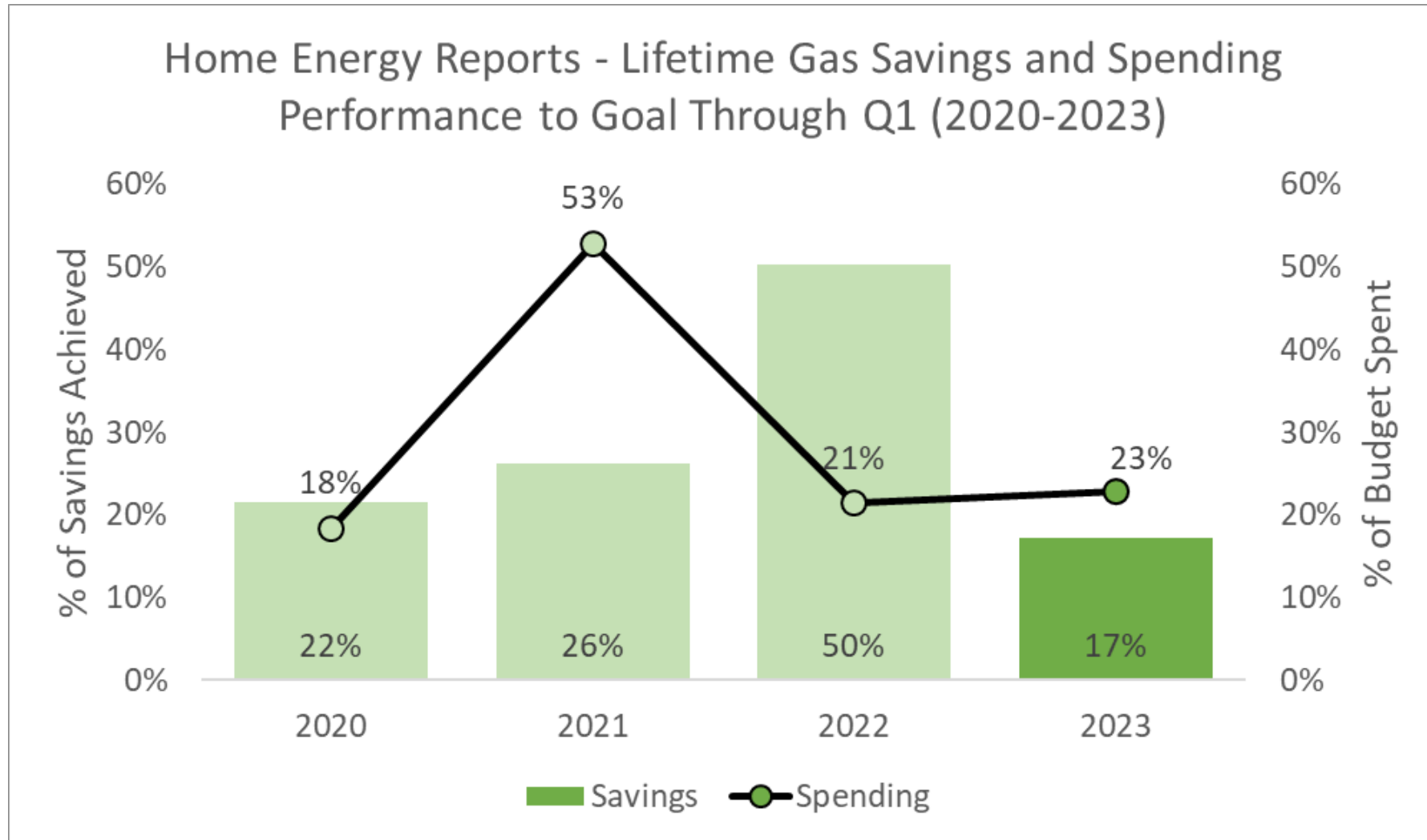
Gas Res Programs

EnergyWise Multifamily (5+ Units) - Lifetime Gas Savings and Spending Performance to Goal Through Q1 (2020-2023)



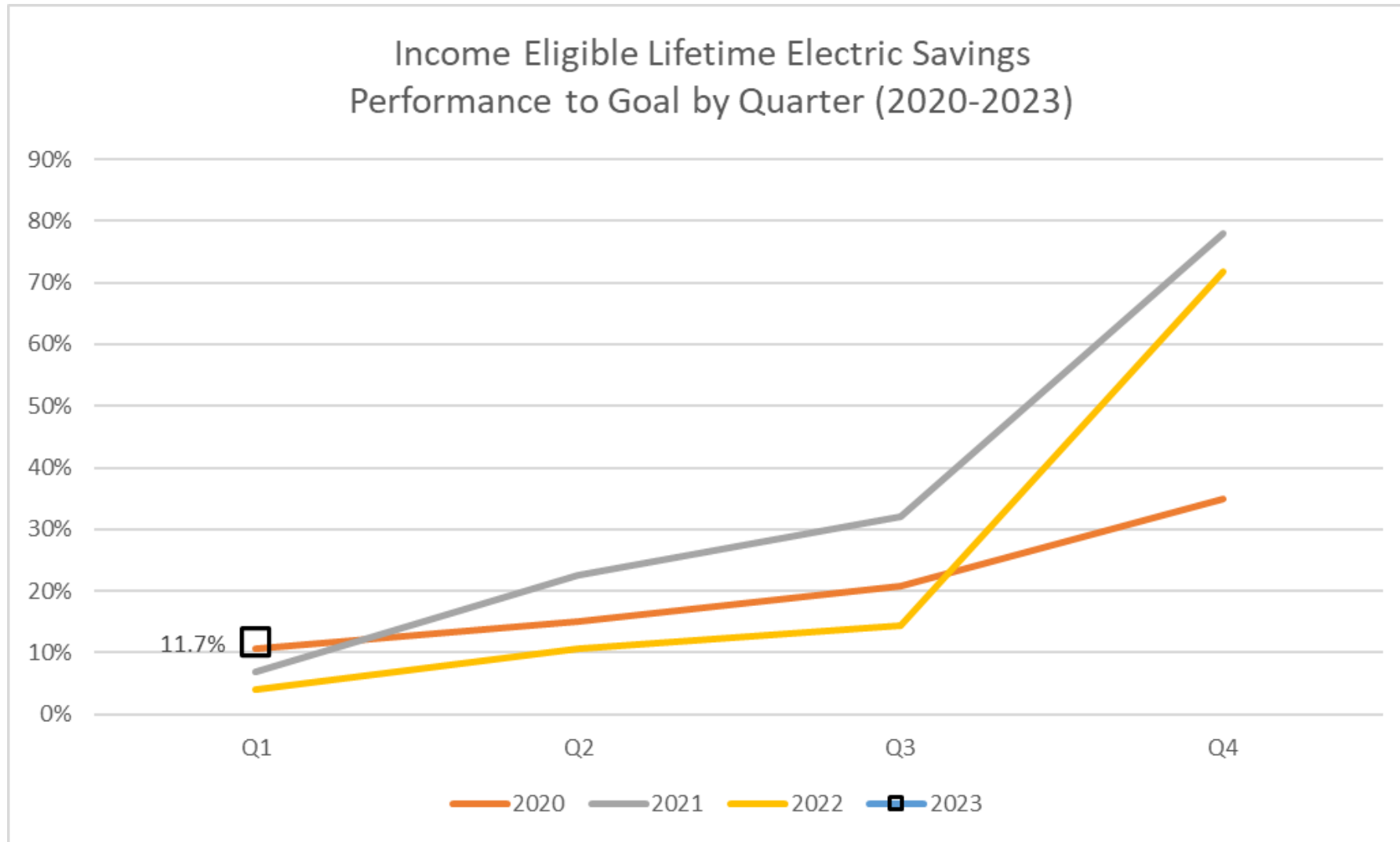


Gas Res Programs



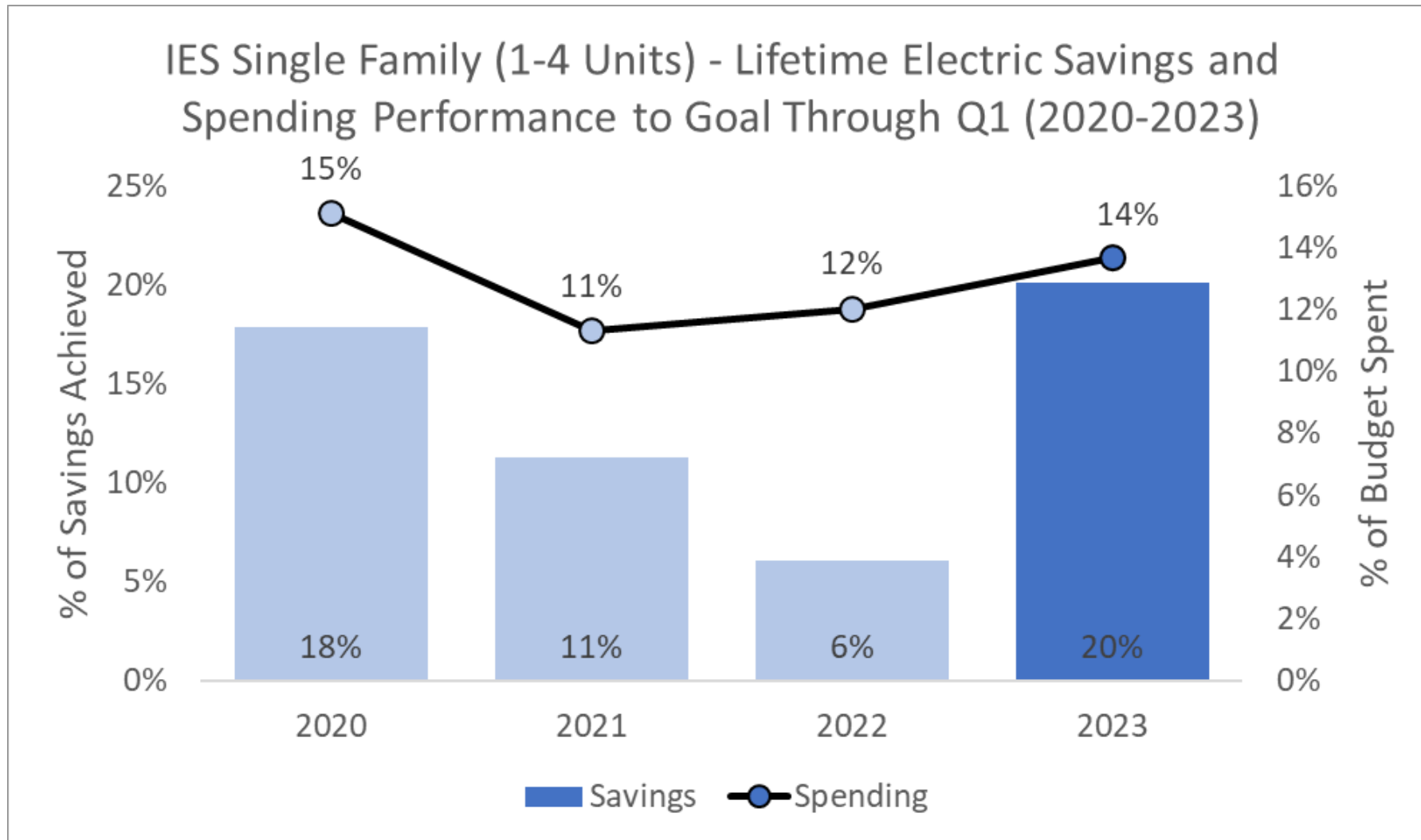


Electric IE Performance



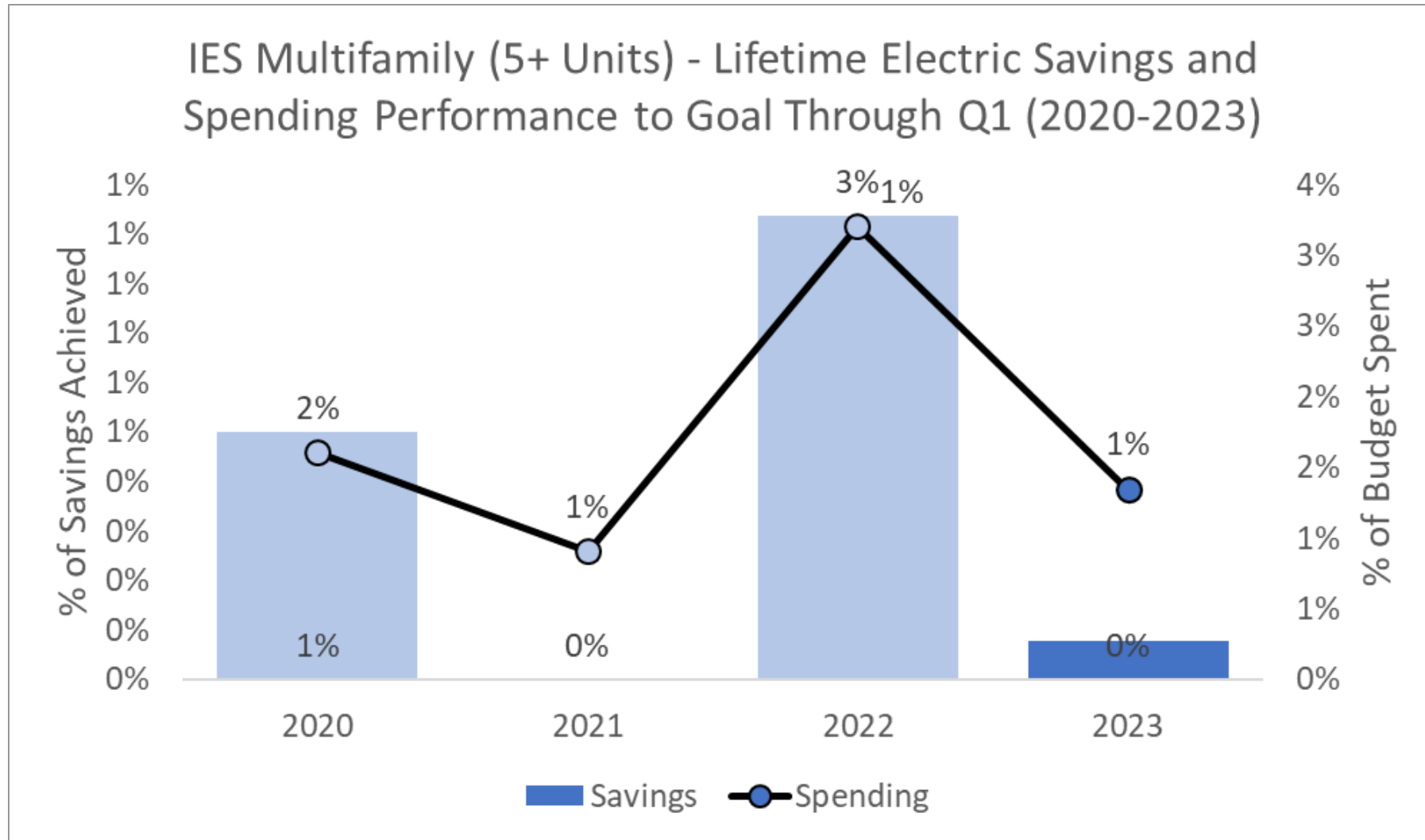


Electric IE Programs



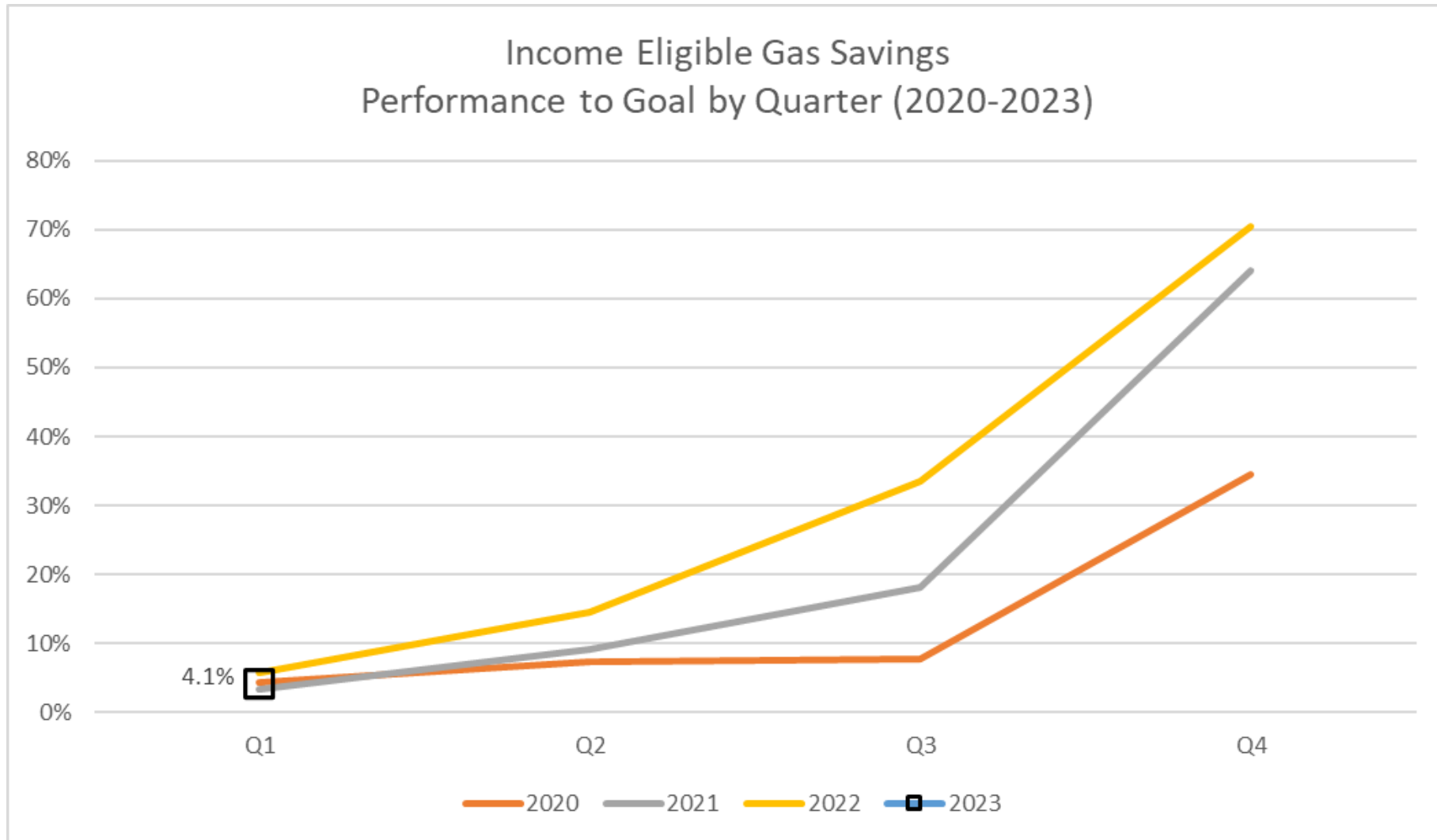


Electric IE Programs



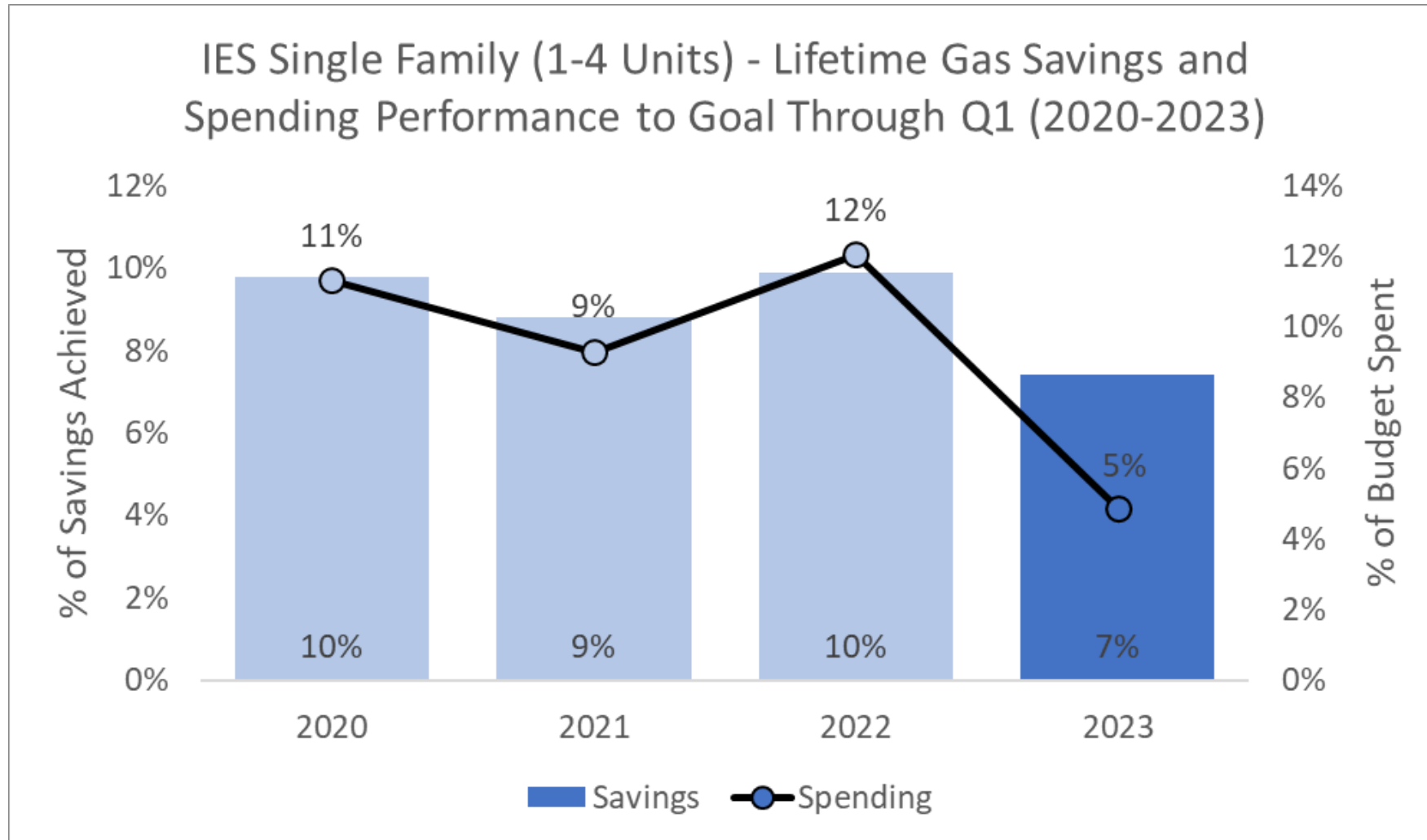


Gas IE Performance



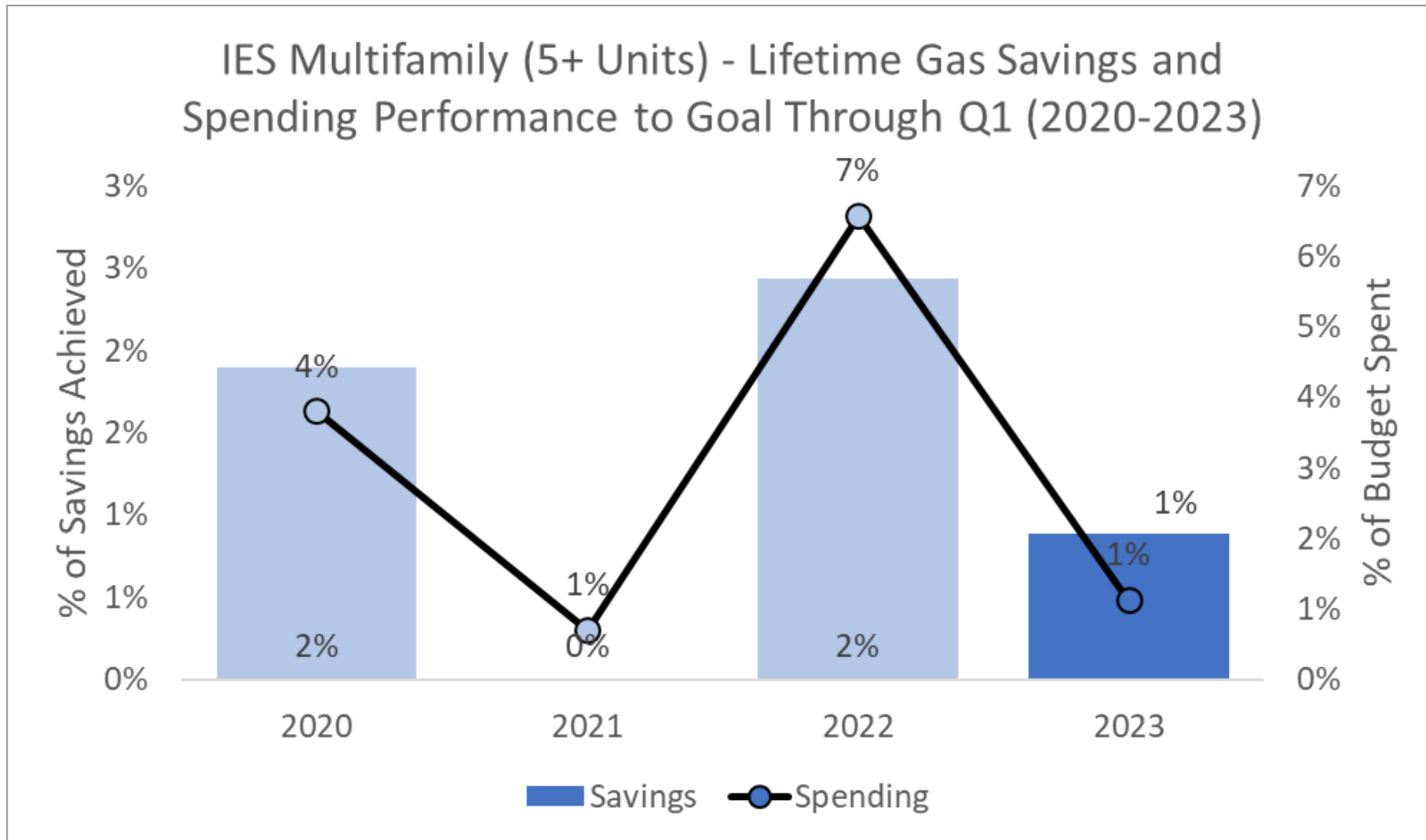


Gas IE Programs





Gas IE Programs





C&I Deep Dive Meetings

HVAC and Building Analytics

Date: Friday, May 19th

Topics:

- Improving HVAC Offerings
- Existing Building Commissioning
- Building Analytics Program
- Energy Management Systems

Equity & Workforce Training

Date: Monday May 22nd

Topics:

- Equity in C&I Programs
- Small Business Program Participation
- Workforce Needs and Training Priorities
- Workforce Diversification Strategies

Lighting Controls Strategy

Date: Friday, May 26th

Topics:

- Improving Performance Lighting Uptake
- Increasing Controllable Lighting Stock



Residential Deep Dive Meetings

Federal Funding

Date: Monday April 24th

Topics:

- Overview of IRA, BIL, IIJA funds
- Income verification
- DOE guidelines

Streamlining Home Services

Date: Tuesday May 9th

Topics:

- Value of streamlining IES and market rate SF/MF programs
- Timeline of RFPs for vendor delivered services
- Strategies to improve IE and MF program performance

New Construction

Date: Thursday May 25th

Topics:

- RNC Baseline/Code Compliance Study
- Program offerings in neighboring states
- Consideration of shifting to an all-electric offering