



# 10 Year Energy Efficiency Goals for 2026-2035

Utilities Advisory Commission

May 7, 2025



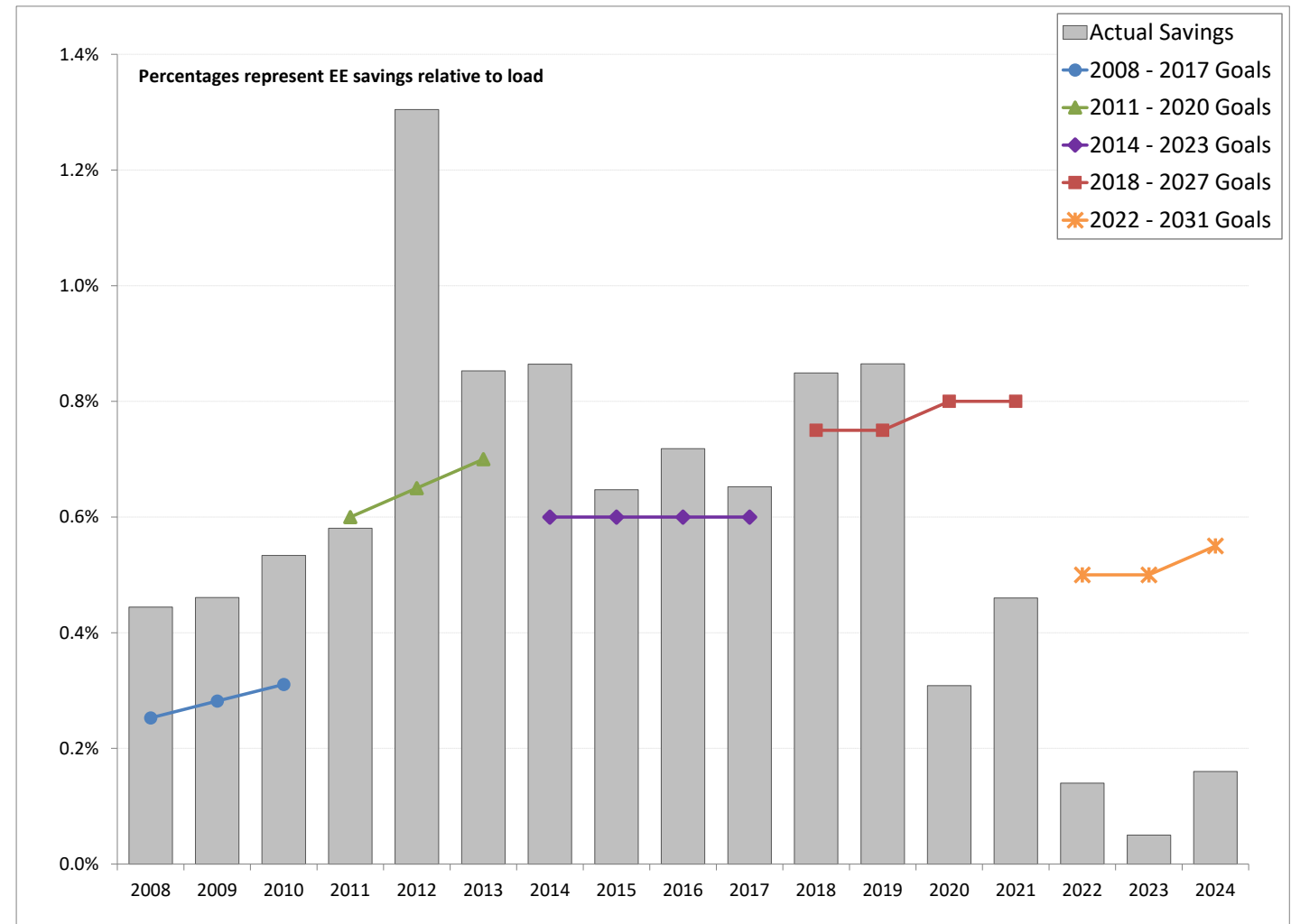


- AB 2021 (2006) required publicly owned electric utilities to adopt annual electric efficiency savings goals over a 10-year period
- Council adopted the City's first 10-year Electric Energy Efficiency (EE) Goals in April 2007
  - These 10-year goals are only set for electric efficiency savings, not gas efficiency
- New 10-year EE targets are established every 4 years
- These goals are used for CPAU's supply resource planning as well as EE program budget planning

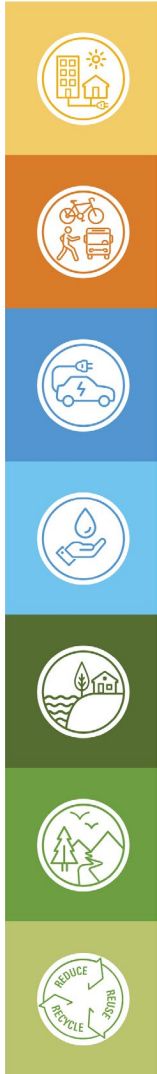
# EE Goals and Achievements for 2008-2024



- CPAU was achieving EE goals until 2020
  - COVID impacted participation rates
- Other limiting factors include:
  - State codes becoming stricter
  - Increased focus on electrification



# Proposed 10 Year EE Targets



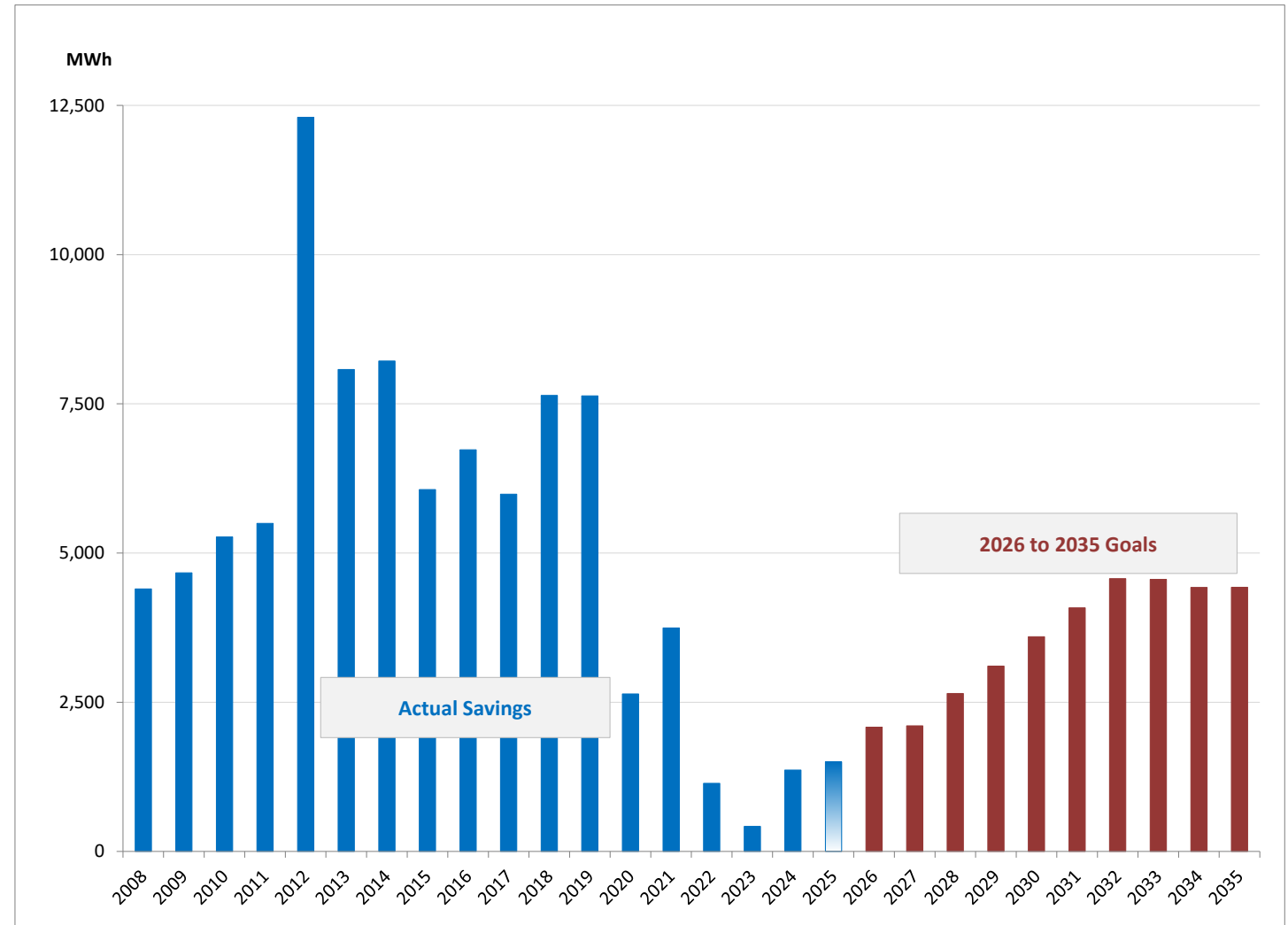
- Targets are set based on achievable EE potential study
- Decreasing EE potential due to:
  - State codes and standards
  - Nonres lighting in particular
  - Market saturation improvements
- Anticipated Conservation Voltage Reduction (CVR) program drives the 2028-2032 increase in savings



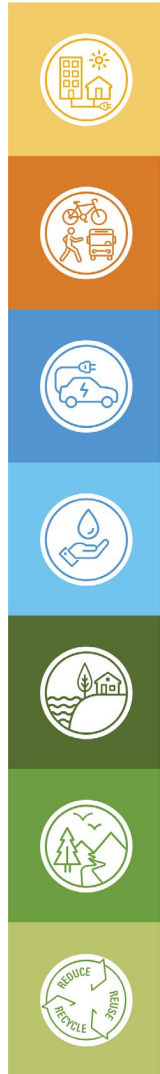
# EE Savings and Goals on an Energy Basis



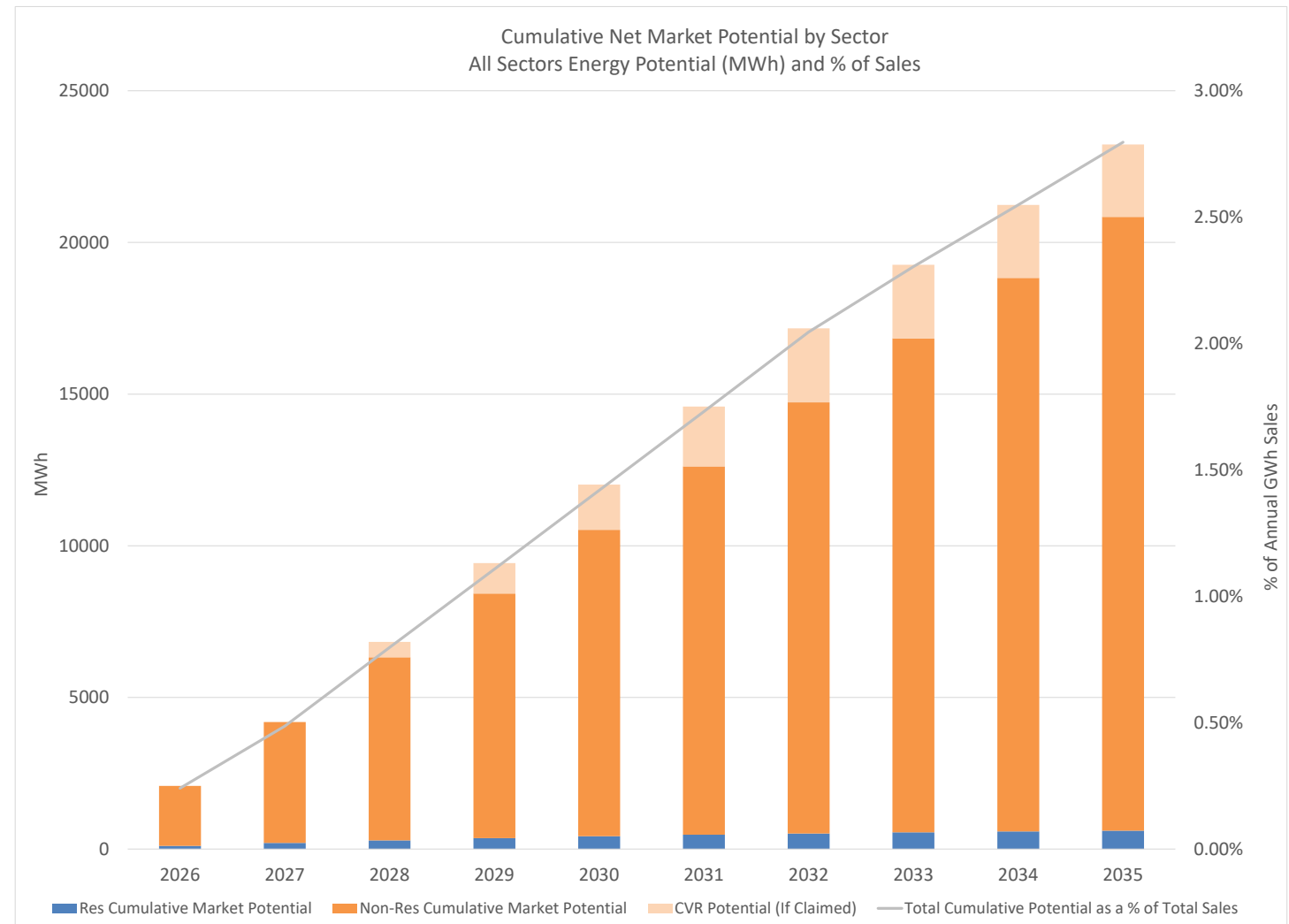
- EE targets are often framed as percent of total load
- Proposed EE targets are equivalent to around 2,000 to 4,500 MWh annually



# Proposed 2026-2035 Cumulative EE Goals



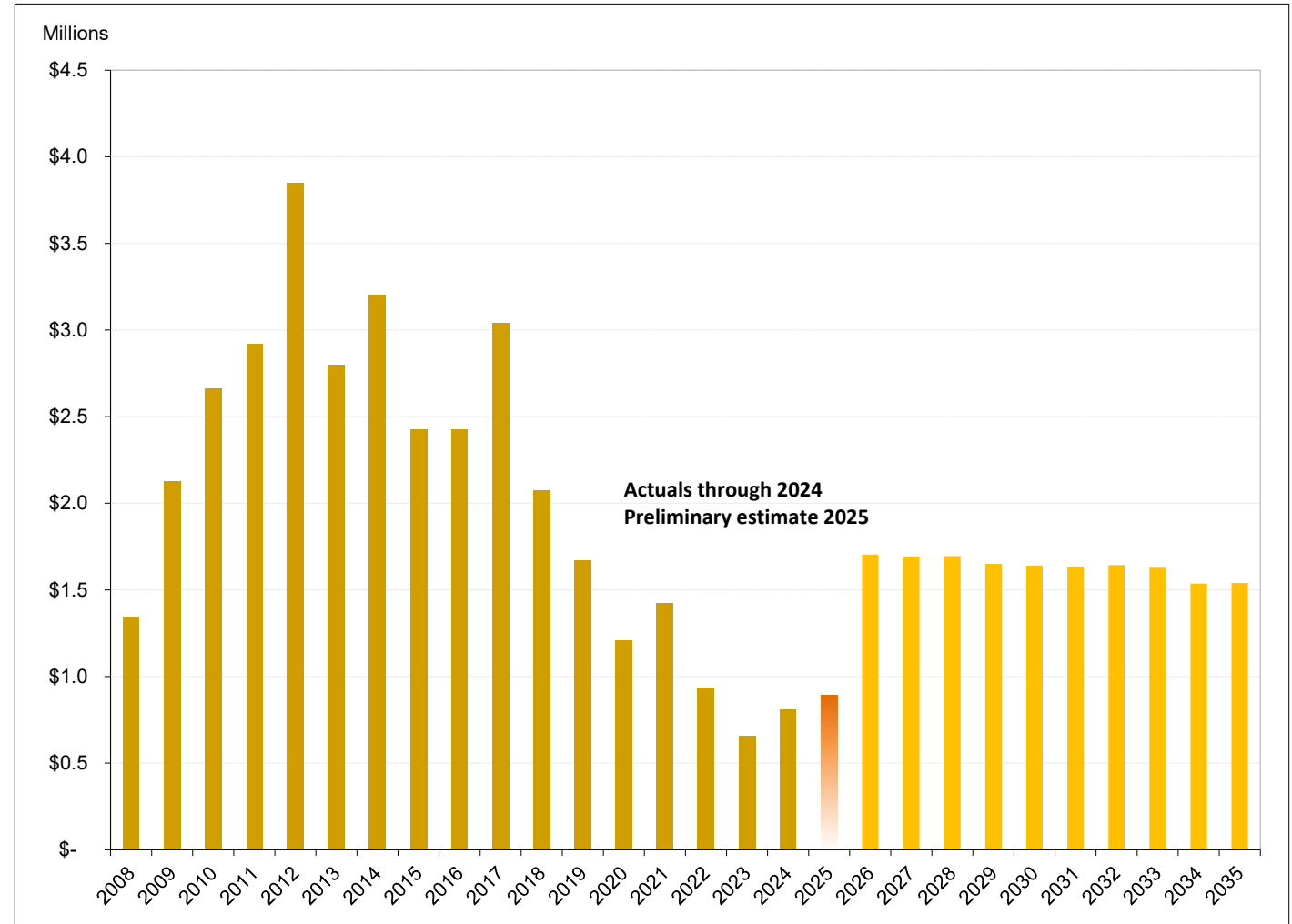
- Total EE savings from the 2026-2035 targets represent 2.8% of the forecasted electric load
- Cumulative savings account for the assumed useful life of savings measures
  - For example, lighting measures could be up to 12 years while retro-commissioning changes only count for a few years
- Nonresidential savings dominate the energy efficiency potential market



# Actual and Projected EE Program Costs



- Future costs represent the expected budget needed to meet our targets
- Based on program cost data including admin, marketing, etc.
- Cost trend does not follow the 10-yr EE target trajectory because the CVR program is expected to be low cost





- UAC feedback and questions
- We are asking that the UAC recommend the proposed 10-year electric energy efficiency goals for council adoption
- We will be bringing the proposed EE goals to city council for adoption in early June
- Adopted EE goals will be shared with the California Energy Commission (CEC)





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