



Committed Energy Efficiency Savings

Cynthia Rogers and Usman Muhammad

August 18, 2025



Acronyms, Initialisms, and Abbreviations

AAEE – Additional Achievable Energy Efficiency

AAFS – Additional Achievable Fuel Substitution

C&S – Codes and Standards

CEC – California Energy Commission

CED – California Energy Demand

CEDARS – California Energy Data and Reporting System

CEDU – California Energy Demand Update

CMUA – California Municipal Utility Association

CPUC – California Public Utilities Commission

EE – Energy Efficiency

IEPR – Integrated Energy Policy Report

IOU – Investor-Owned Utility

POU – Publicly Owned Utility

SB – Senate Bill



Highlights of Committed EE Savings Updates

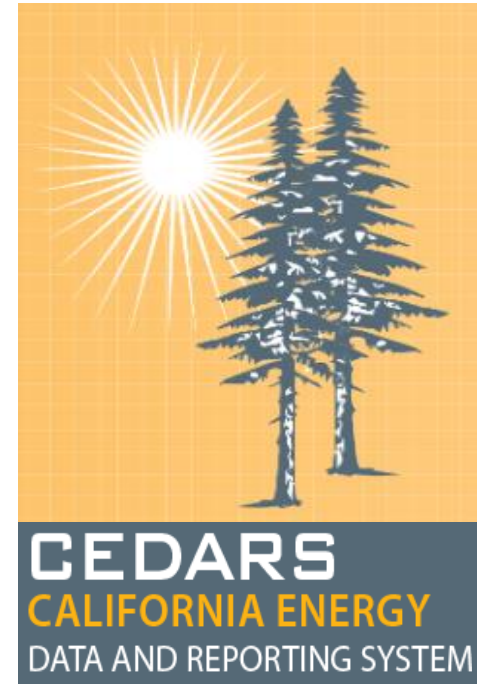
- Corrected C&S Impacts Accounting
 - Removed “codes and standards advocacy programs” reported savings within CEDARS, which are duplicative of CEC modeling efforts
 - Correction reduces incremental EE savings
- Revision slows the rate of EE committed savings decay
 - Exerts downward pressure on the baseline demand forecast
 - Counterintuitively, leads to less demand growth
 - **We will explain this later!!!**



Committed Energy Efficiency Savings Background

“Committed EE Savings” include utility programs, building codes and standards, legislation, and local ordinances

- Backed by firm funding
- Verifiable and evaluable
- Distinct from AAEE and AAFS Scenarios
- Integrated into the baseline demand forecast
 - C&S captured in sector models
 - Other EE captured in “Committed EE Savings” workbooks



Utility	Energy Efficiency Savings Data Sources
IOUs	CPUC: California Energy Data and Reporting System (CEDARS)
POUs	CMUA: SB 1037 (Kehoe, Chapter 366, Statutes of 2005) Annual Reports





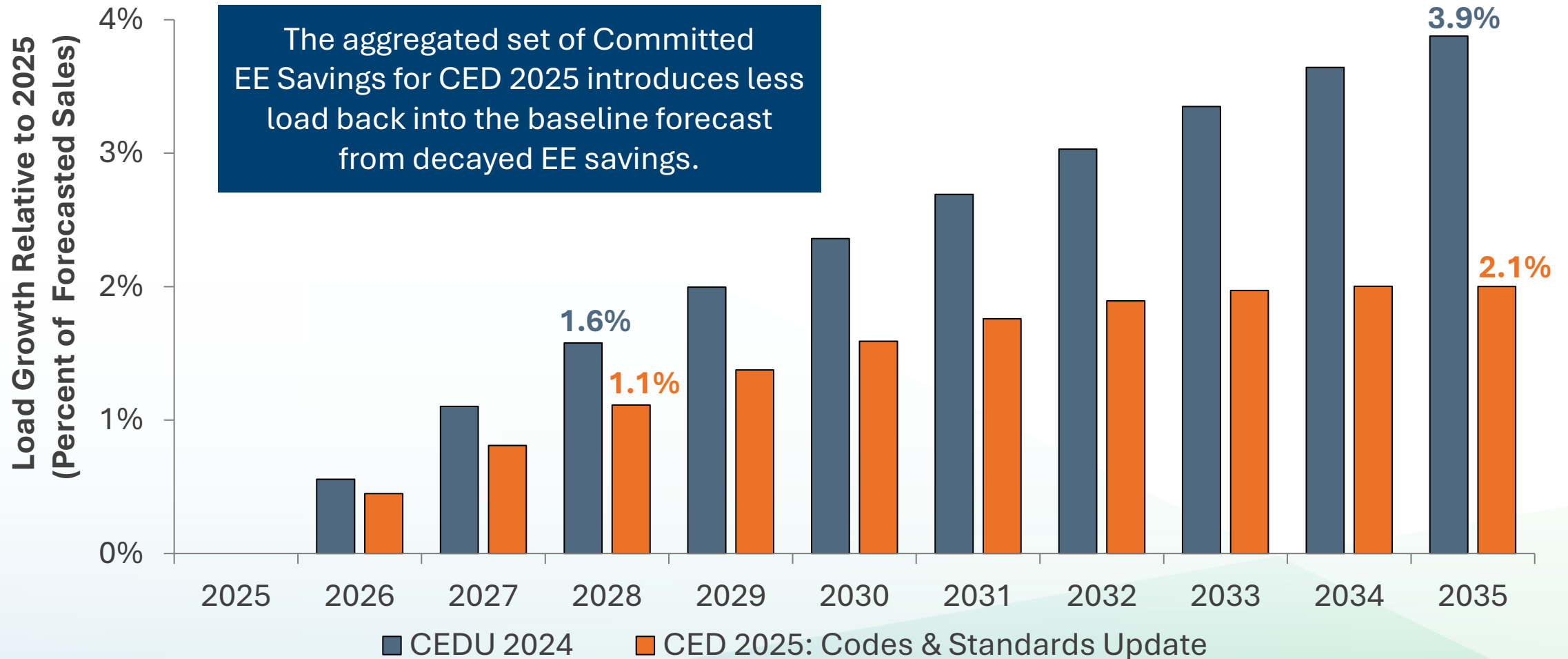
Update to Committed EE Savings Tracking

- Updated C&S accounting process within Committed EE Savings Workbooks
 - Improved process removes any C&S out of Cumulative EE Savings
 - These savings are modeled in sector models
- Update applied retroactively across all program years within CEDARS (2016 – 2024)
- Update results in **lower** cumulative EE savings
 - However, only the incremental annual EE savings percent changes feed into the forecast based on the CEC's calibration process
 - Thus, this year's approach results in slower decaying EE savings and leads to less load growth (relative to the previous process)
 - Although counterintuitive, one should not infer that "less efficiency leads to less load"



Impacts on the Electricity Demand Forecast

Comparison of Load Growth from Decaying Energy Efficiency Savings





Improved CEC-CPUC Coordination

- CEC staff met with the CPUC's CEDARS team to learn more about recent changes and upgrades to the reporting system.
 - CEC and CPUC staff agreed on improved coordination and to establish routine check-in meetings.
 - CEC staff will be more involved in CEDARS updates and will participate in quality control processes in the future.

Thank You!



Cynthia Rogers (Cynthia.Rogers@Energy.ca.gov)

Usman Muhammad (Usman.Muhammad@Energy.ca.gov)

Advanced Electrification Analysis Branch
Energy Assessments Division