



# **Item 5: Resolution Adopting the California Energy Demand 2024-2040 Forecast Update**

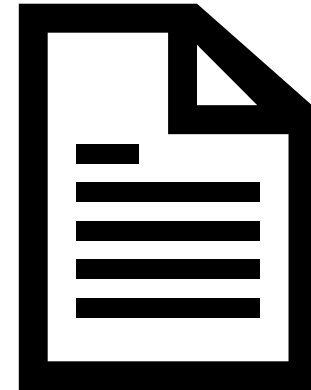
January 21, 2025 Business Meeting

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# Forecast Benefits & Purpose

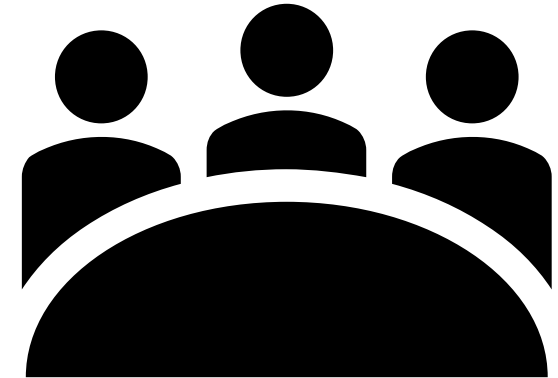
- Electricity system planning
  - Procurement
  - Transmission
  - Distribution
  - Resource adequacy
- Integrated Energy Policy Report (IEPR)
  - Single forecast set agreement





# Public and Stakeholder Process

- 5 IEPR workshops
  - Draft forecast results presented on December 12
- 4 Demand Analysis Working Group meetings
- Regular meetings of the Joint Agency Steering Committee



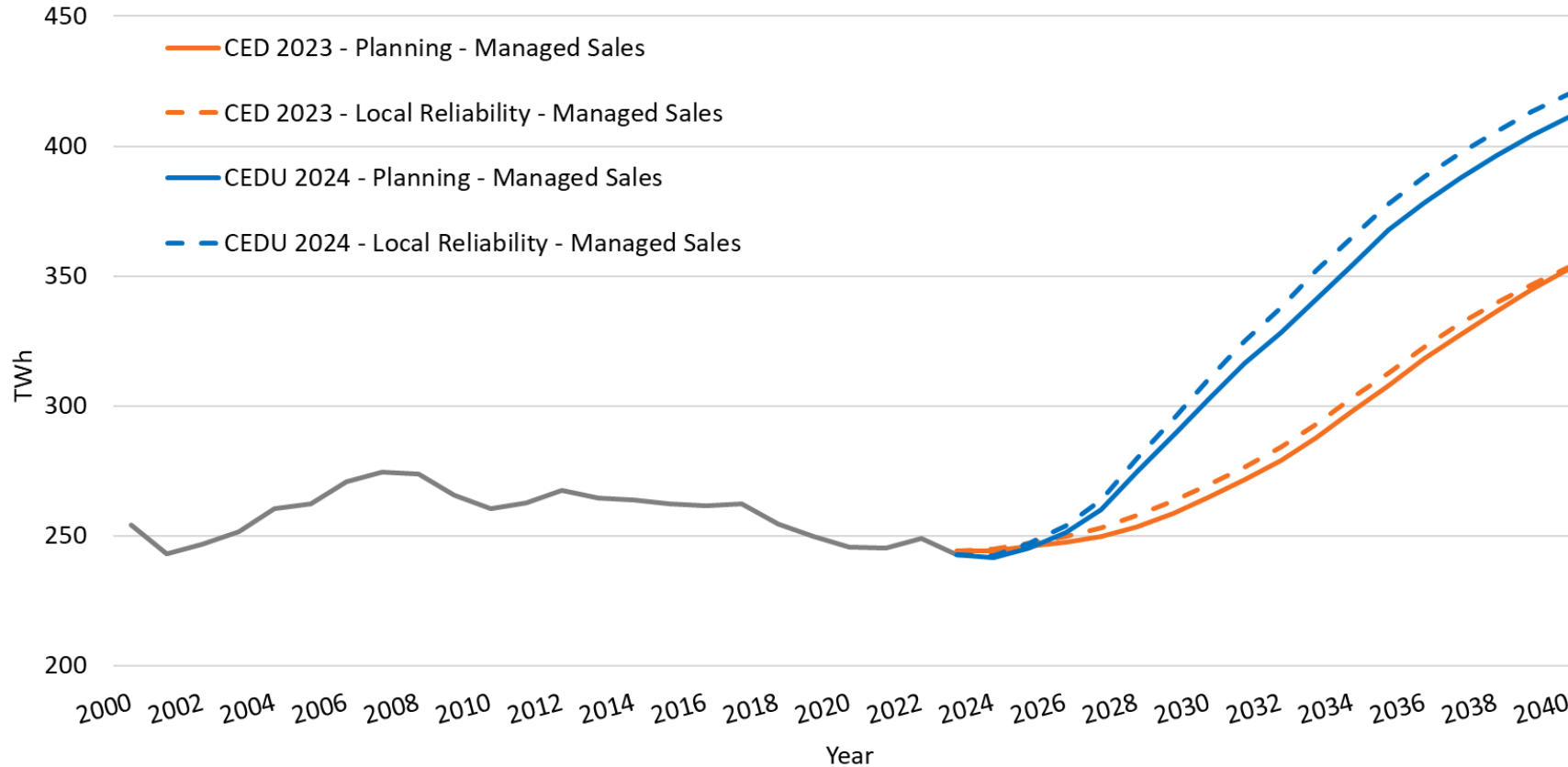


# Updates to Forecast

- **Updated:**
  - Economics and demographics
  - Electricity rates
  - Electrification scenarios
  - Photovoltaic (PV) capacity and generation
  - Hourly consumption
- **New this Cycle:**
  - Data center load growth scenarios
  - PV and storage scenarios
- **Since December 12 Workshop:**
  - More data center information
  - More PV and storage data
  - Corrected Local Reliability scenario



# Statewide Electricity Sales



## Planning Forecast:

- 3.2% annual growth
- 411 TWh by 2040

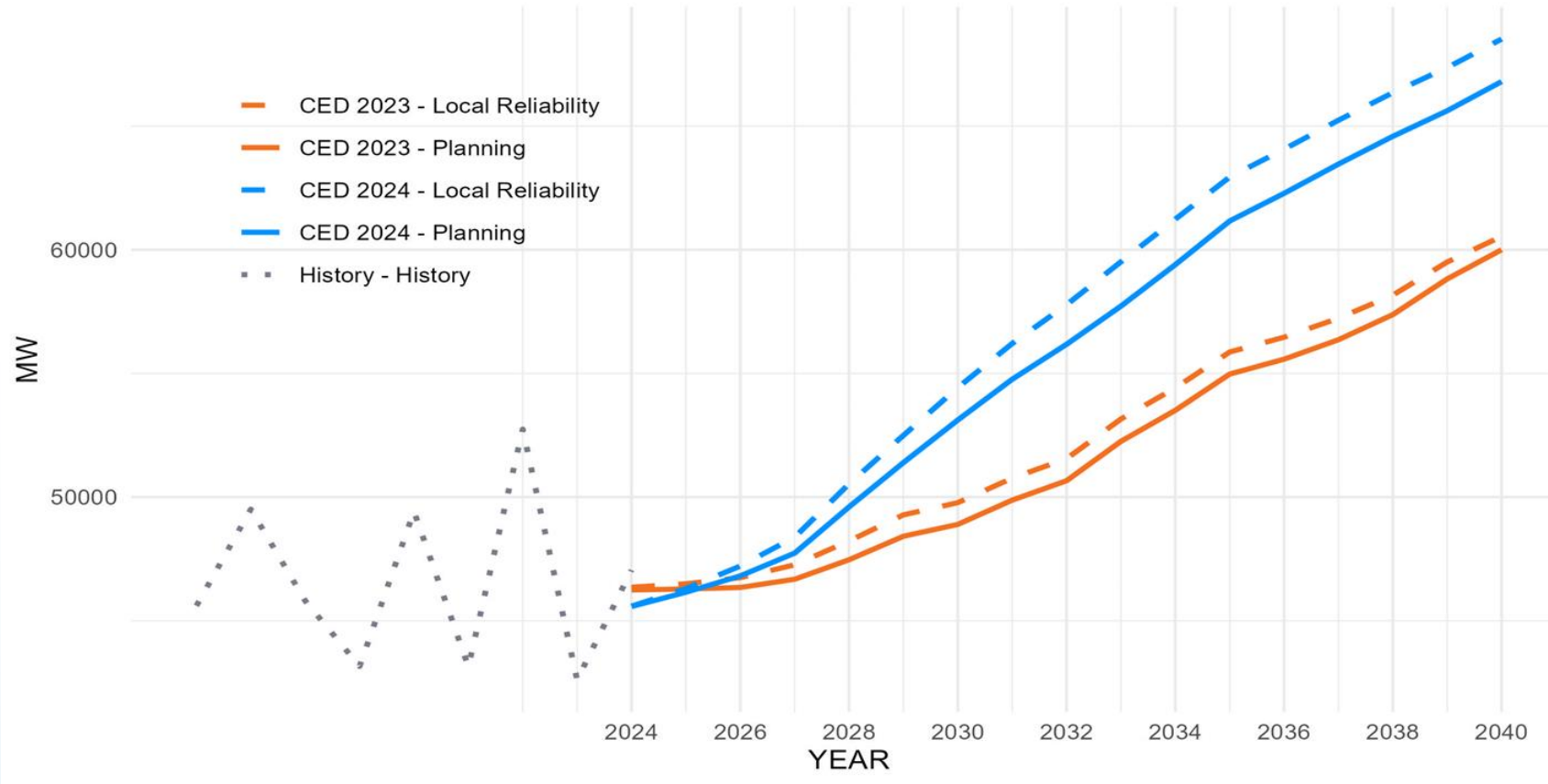
## Local Reliability:

- 3.3% annual growth
- 420 TWh by 2040

Source: CEC



# CAISO Peak Demand



## Planning Forecast:

- 2.3% annual growth
- 66.8 GW by 2040

## Local Reliability:

- 2.4% annual growth
- 68.5 GW by 2040

Source: CEC



# Staff Recommendation

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- Adopt the California Energy Demand 2024-2040 Forecast Update
- Adopt staff recommendation that the forecast is not a project under CEQA, or in the alternative if deemed to be a project that it is exempt