



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

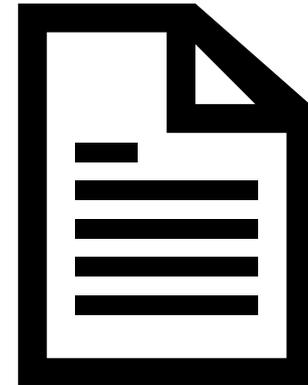
January 21, 2025 Business Meeting

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Energy Assessments Division, Demand Analysis Branch



Forecast Benefits & Purpose

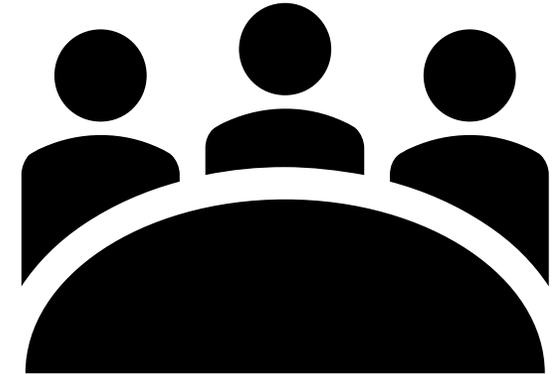
- Electricity system planning
 - Procurement
 - Transmission
 - Distribution
 - Resource adequacy
- Integrated Energy Policy Report (IEPR)
 - Single forecast set agreement





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



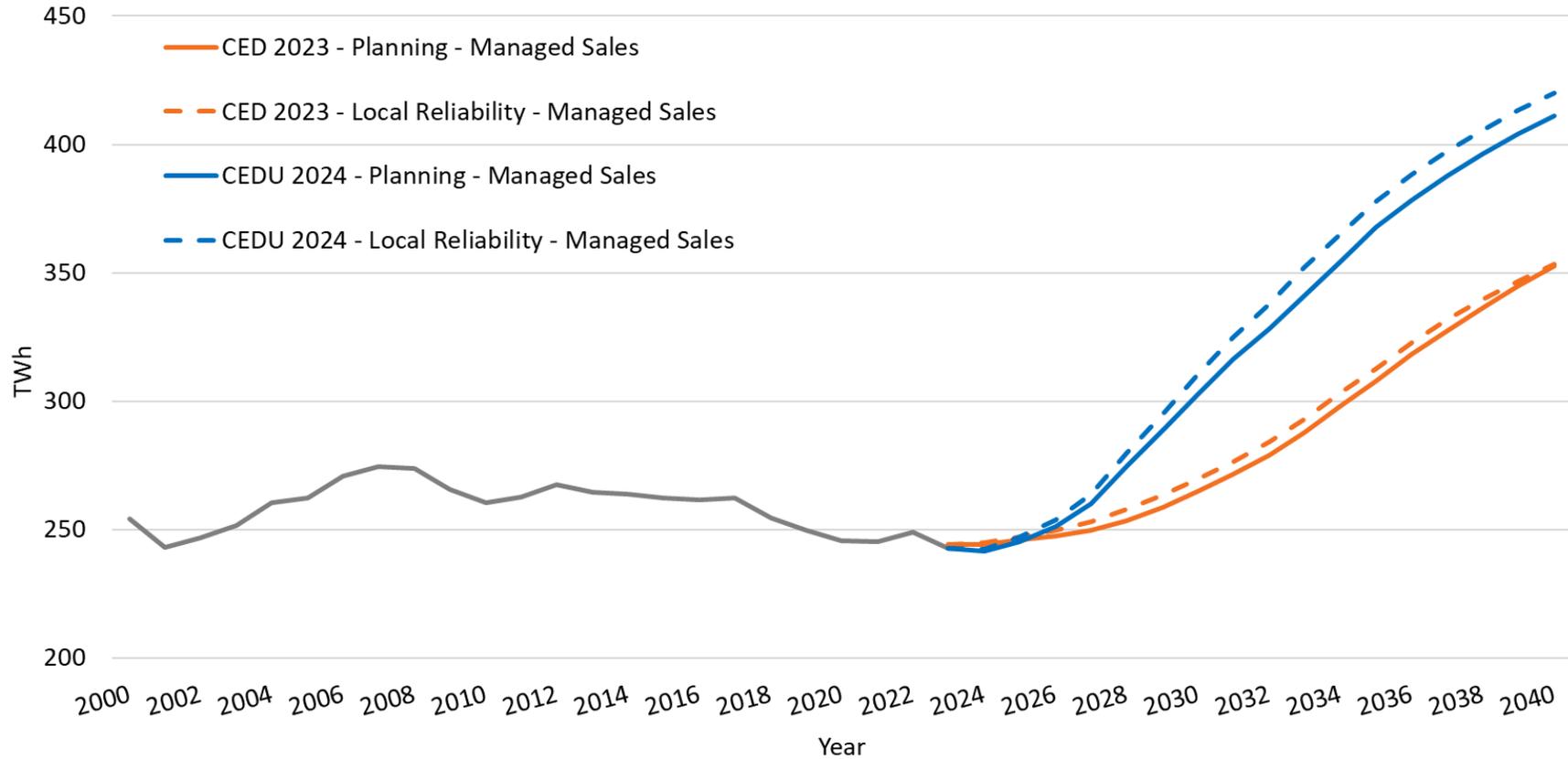


Updates to Forecast

- **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

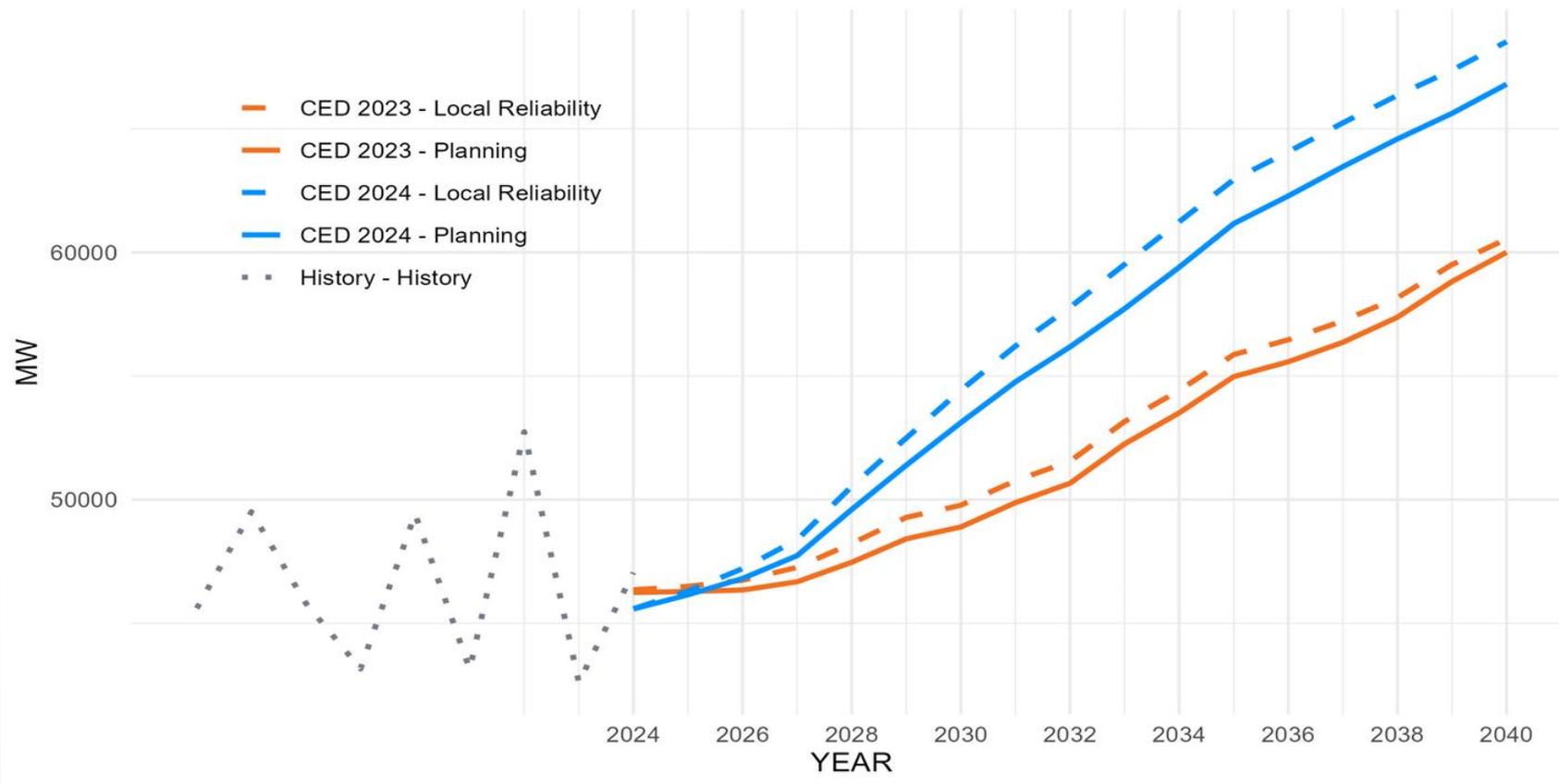
Local Reliability:

- 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

- 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