

CED 2023 Forecast Priorities and Schedule

June 1, 2023 – Presentation to DAWG





General Updates

- Moody's projections – May vintage
- Retain population/household forecasts from CED 2022
- Forecast to 2039
 - Supports CAISO's SB 887 requirement
 - Extrapolate to 2050 for long-term demand scenarios
- Managed forecast scenarios
 - One baseline forecast
 - Planning Forecast (AAEE 3 / AAFS 3 / AATE 3)
 - Local Reliability Scenario (AAEE 2 / AAFS 4 / AATE 3)



Baseline Forecast

- Refurbished residential end-use model
- Self-generation
 - Historical interconnection data
 - Historical/forecast PV generation profiles
 - New PV and storage adoption model
- Climate change
 - Integrate new climate simulation data
 - Recharacterize normal and extreme peak events
- Stochastic hourly profiles



Additional Achievable Modifiers

- Efficiency and Fuel Substitution
 - Refresh Title 24
 - Update program accounting
 - Improve characterization of CARB SIP zero-emission appliance standard
- Transportation Electrification
 - Update travel models
 - Account for Clean Miles Standard (eVMT)
 - VGI scenario analysis



Key Dates

- Demand Forms & Instructions data request
 - Forms 1 through 7 – due July 3
 - Form 8 – due July 31
- IEPR Workshops
 - Inputs and assumptions – August 15 and 18
 - Load modifier results – November 15
 - Overall forecast results – December 6