

DOCKETED

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Filer:	Nicholas Fugate
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Item 6: California Energy Demand 2022-2035 Forecast Update

January 25, 2023 Business Meeting

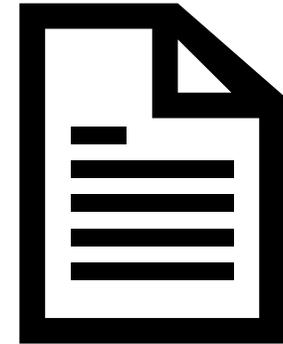
Nick Fugate
Energy Assessments Division



Benefits & Purpose of the Forecast

Procurement and system planning at CPUC and ISO

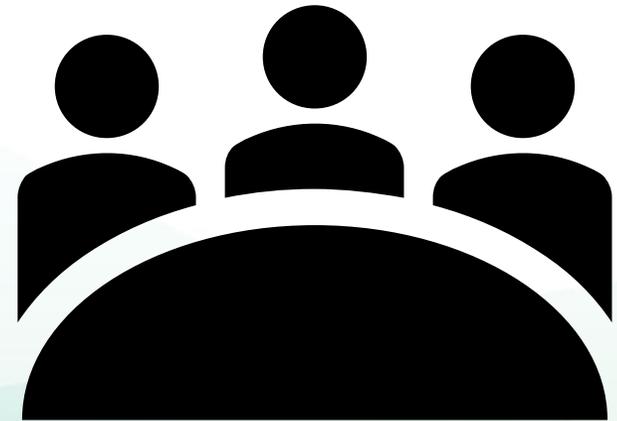
- Integrated Resource Planning
- Distributed Resource Planning
- Resource Adequacy
- Transmission Planning





Stakeholder Process

- IEPR workshops
- Demand Analysis Working Group meetings
- Joint Agency Steering Committee discussion
- Single Forecast Set agreement





Updates to Forecast

- Historical load data
- Economic, demographic, and rate projections
- Additional Achievable Fuel Substitution
 - CARB State Implementation Plan measure
- “Additional Achievable” framework for transportation electrification
- New forecast scenario framework
 - One set of baseline assumptions
 - Descriptive naming convention
 - Additional Achievable framework to capture uncertainties in decarbonization strategies

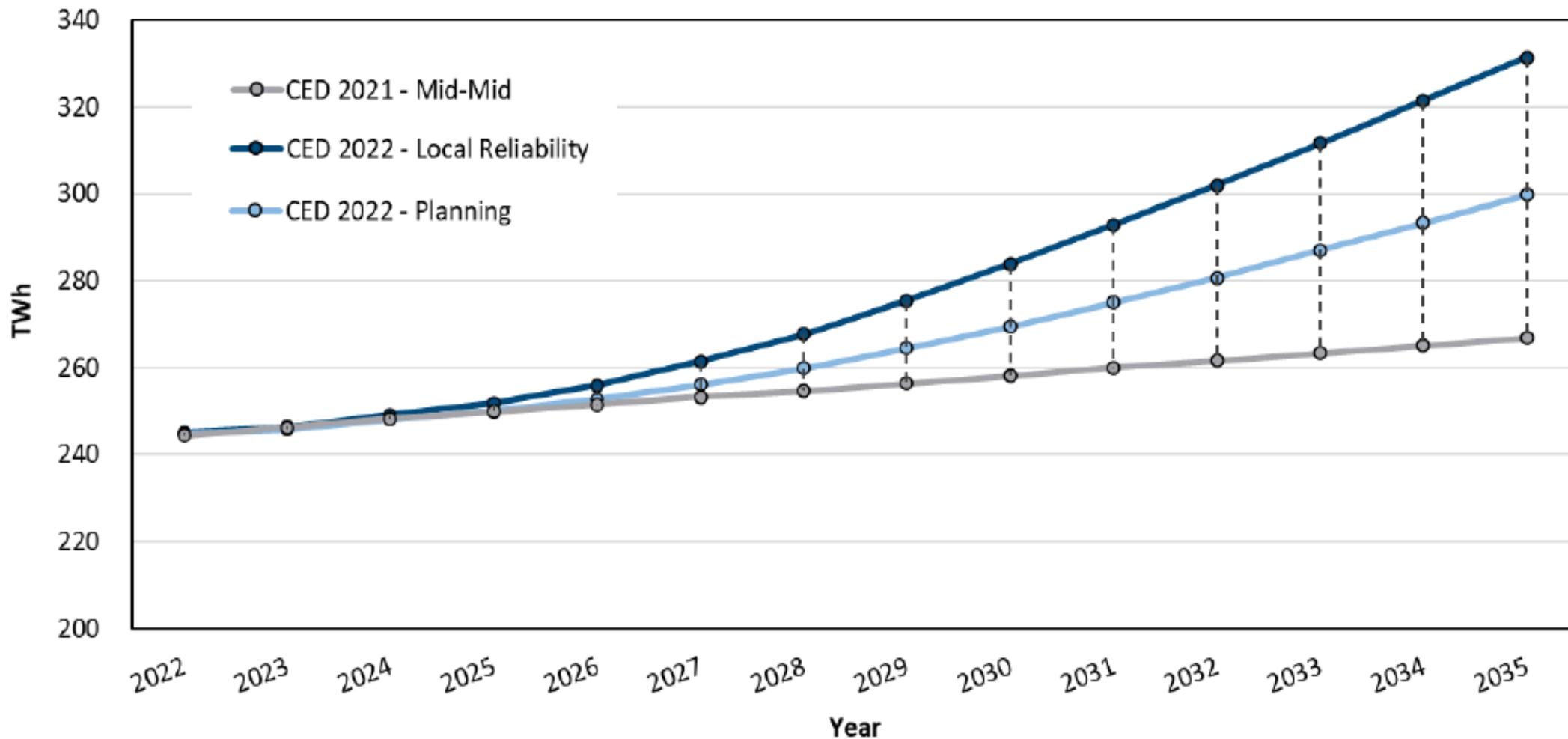


2022 Forecast Framework

New Name →	Planning Forecast	Local Reliability Scenario
Previous Name →	Mid-Mid	Mid-Low
Use Case →	<ul style="list-style-type: none"> Resource Adequacy CPUC IRP 	<ul style="list-style-type: none"> CAISO TPP
Economic, Demographic, and Rate Scenarios	Baseline (Mid)	Baseline (Mid)
Additional Achievable Energy Efficiency	Scenario 3 (Mid)	Scenario 2 (Low)
Additional Achievable Fuel Substitution	Scenario 3 (Mid)	Scenario 4 (High)
Additional Achievable Transportation Electrification	Scenario 3 (Mid)	Scenario 3 (Mid)
CARB SIP zero emission space and water heating equipment sales after 2030	-	Included

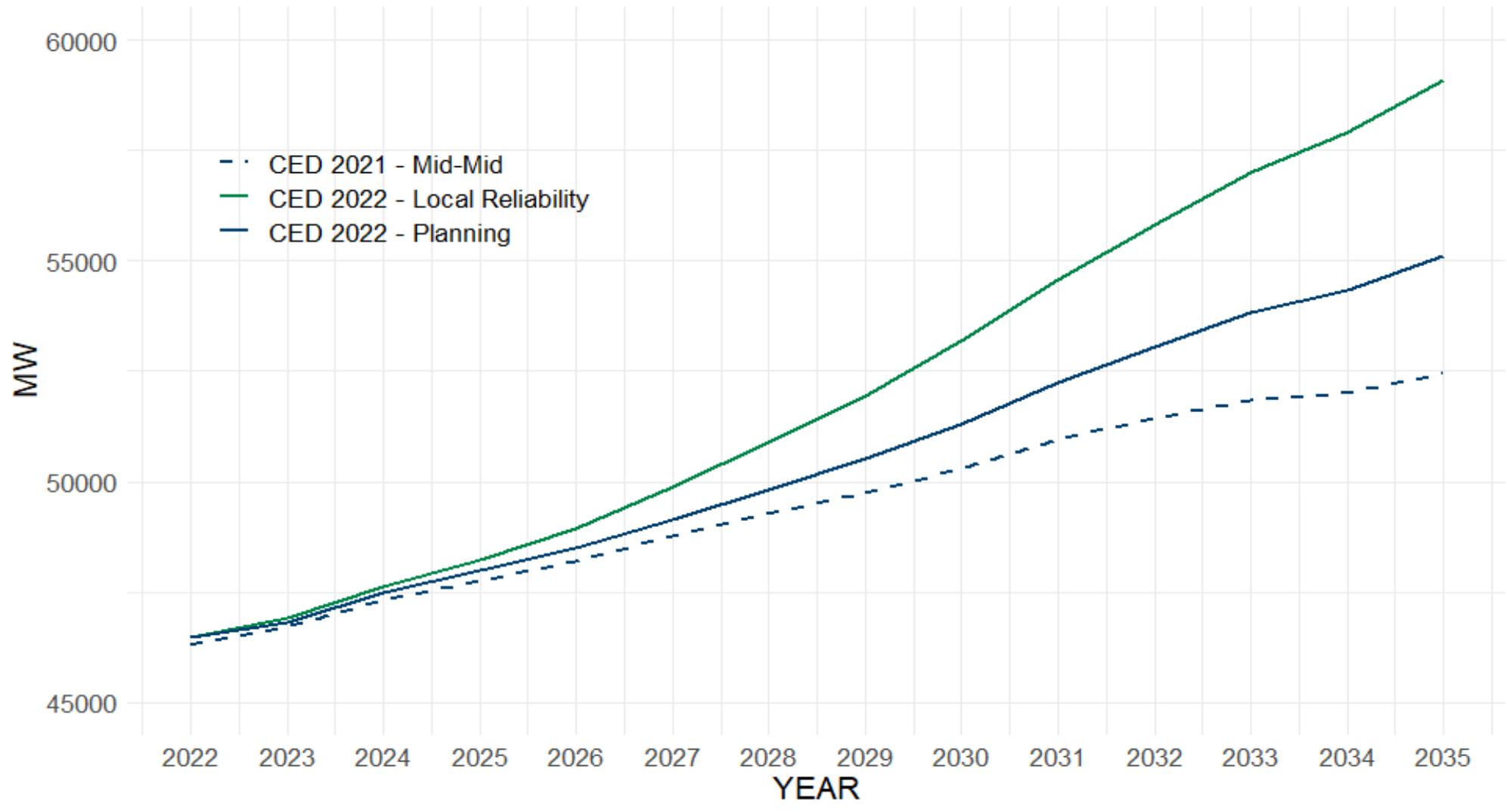


Statewide Electricity Sales





Managed Peak Demand (CAISO)





Staff Recommendation

- Adopt California Energy Demand 2022-2035 Forecast Update