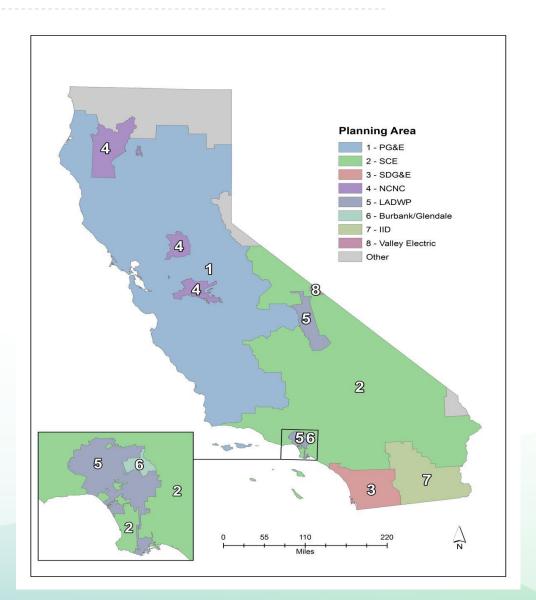


Electrical Distribution Planning

Informational Hearing May 24, 2023

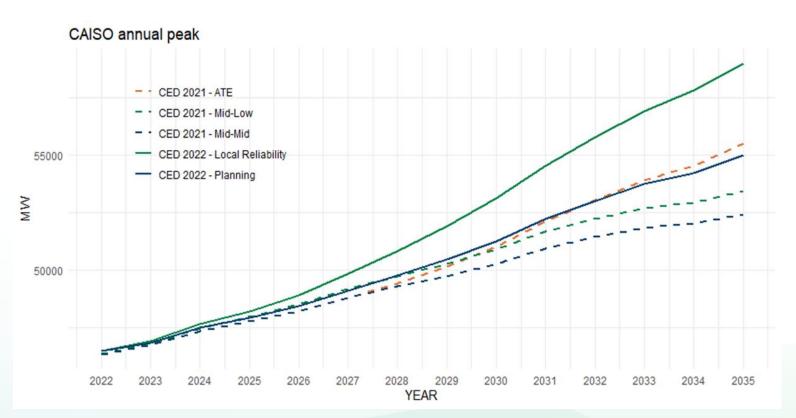
CA Electricity Demand Forecast

- Foundational to procurement and system planning
- 15+ year forecast
- Hourly electricity loads by Planning Area
- Scenarios capture uncertainty with decarbonization policies
- Informs distribution planning
 - IOUs choose the combination of distributed energy resource scenarios and take that to CPUC for approval
 - IOUs make decisions about load growth and distributed energy resource allocations on specific circuits

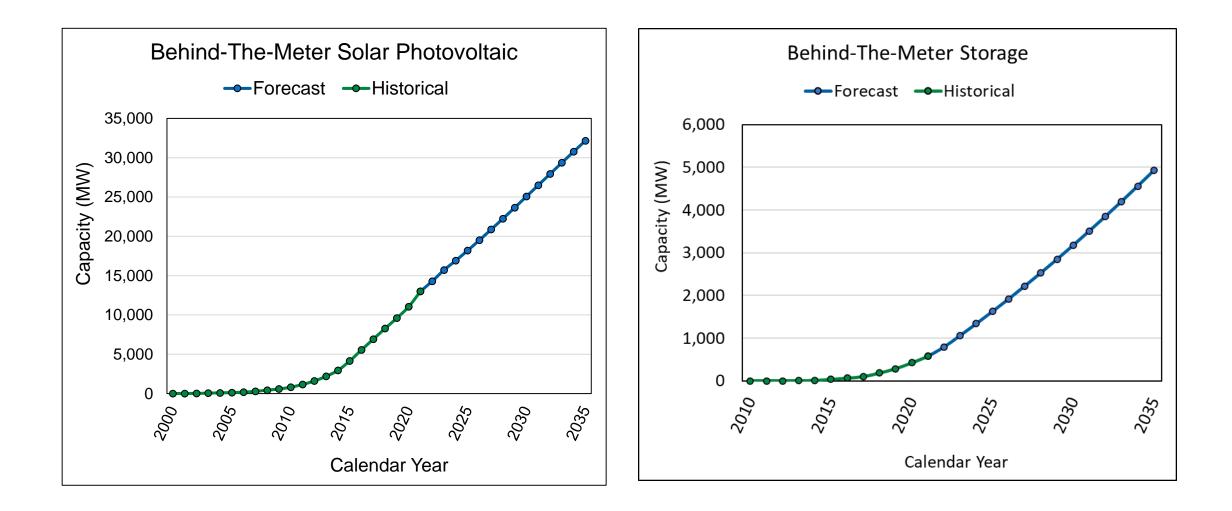




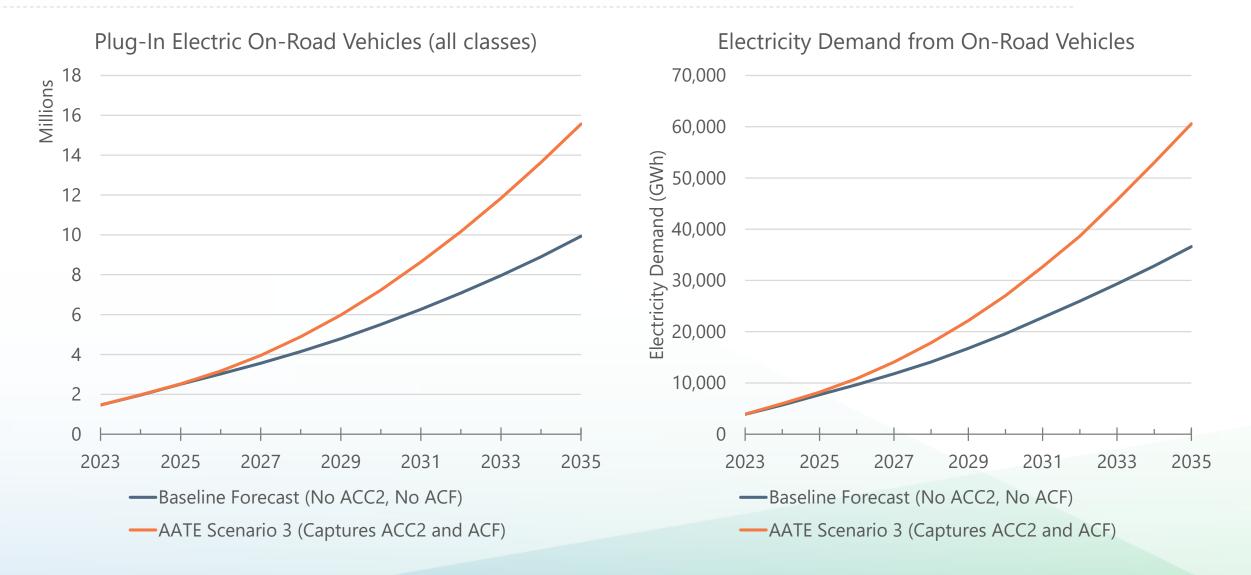
- 2022 IEPR forecast includes:
 - Baseline
 - 6 scenarios for energy efficiency
 - 5 scenarios for building electrification
 - 2 scenarios for transportation electrification
- IOUs requested approval from CPUC to use the Local Reliability Scenario for the 2024/25 GNA/DDOR



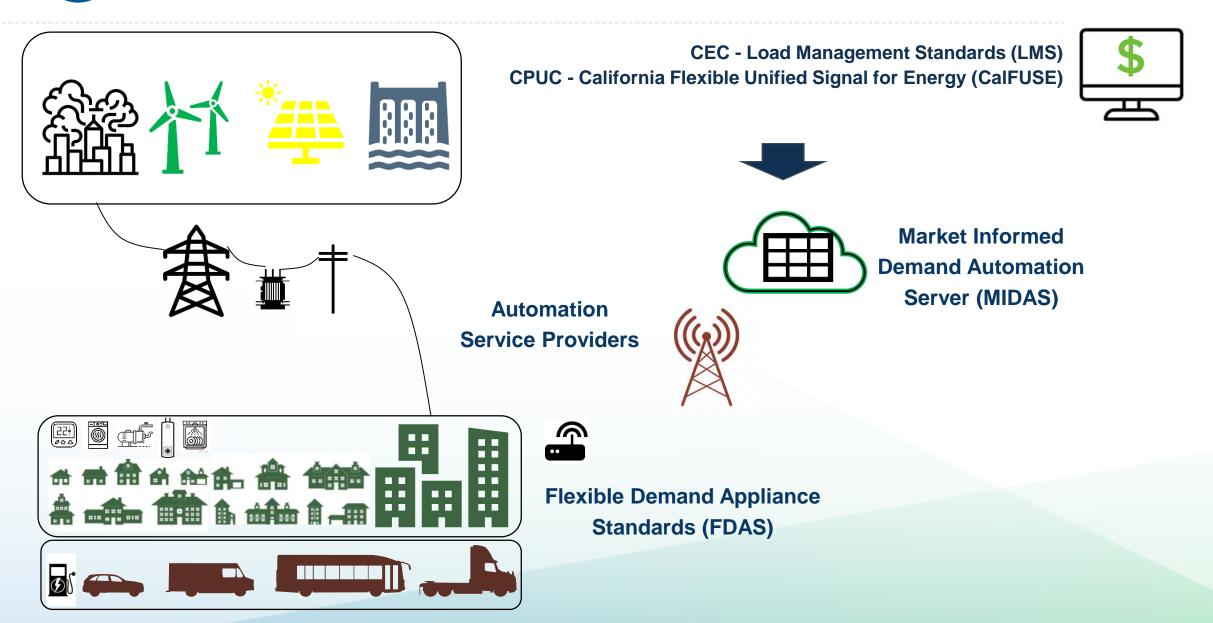




2022 IEPR Transportation Forecast

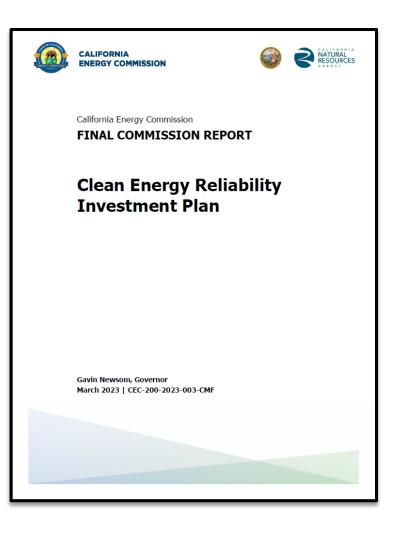






Future Potential – Clean Energy Reliability Investment Plan

- Funding Priorities
 - Enabling Investments
 - Scaling Demand-side Resources
 - Scaling Supply-side Resources
 - Augmenting for Extreme Events





Initiative	2023/24 (\$M)	2024/25 (\$M)	2025/26 (\$M)	Total (\$M)
Enabling Investments	57	5	5	67
Transmission Planning	2	0	0	2
 Support CBO Engagement 	8	5	0	13
Support CPM	32	0	0	32
 Permitting and Interconnection 	15	0	5	20
Scaling Demand-side Clean Resources	0	175	270	445
Scaling Supply-side Clean Resources	0	150	150	300
 Scaling Supply-side Technologies 	0	50	100	150
 Long Duration Energy Storage 	0	50	0	50
Innovation Grants	0	50	50	100
Extreme Event Support	33	50	65.4	148.4
• DSGS	20	30	45.4	95.4
• DEBA	13	20	20	53
Administration	10	20	9.6	39.6
	100	400	500	1000