DOCKETED	
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Project Title:	Accelerating Distribution Grid Connection
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Introduction & Context

David Erne, Deputy Director, Energy Assessments Division

Distribution Grid Interconnection Workshop Overview

- Importance of Timely Grid Connections
- Overview of Distribution Planning
- Interconnection Timelines
- Developer Perspectives
- Recommendations for Improvements

Three Reliability Challenges in California

Planning Processes

- Improve ability to account for climate change-induced weather variability
- Ensure timely and sufficient procurement across all jurisdictions
- Improve processes associated with interconnection and permitting

Scaling Resources

- Expand diversity of resources
  - Demand-side (e.g., more demand flexibility)
  - Supply-side (e.g., long-lead resources)

Extreme Events

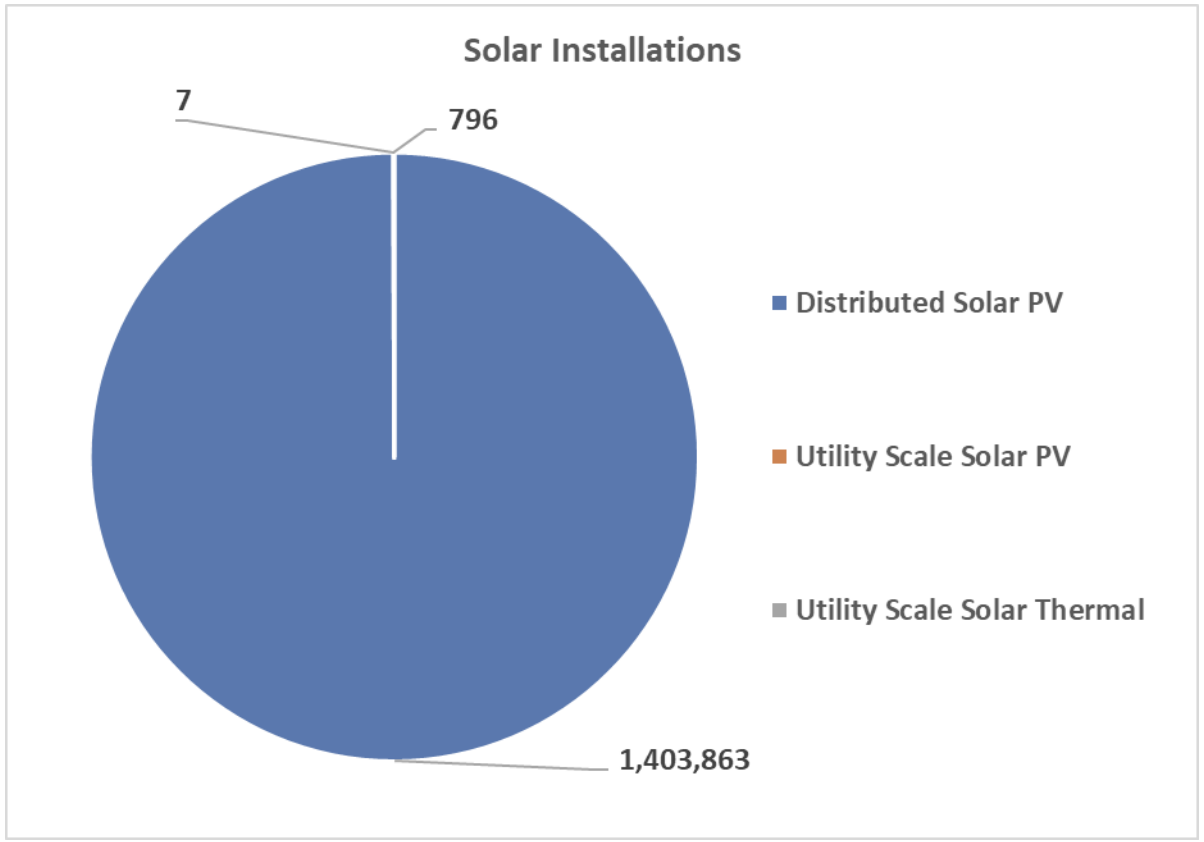
- Augment Strategic Reliability Reserve

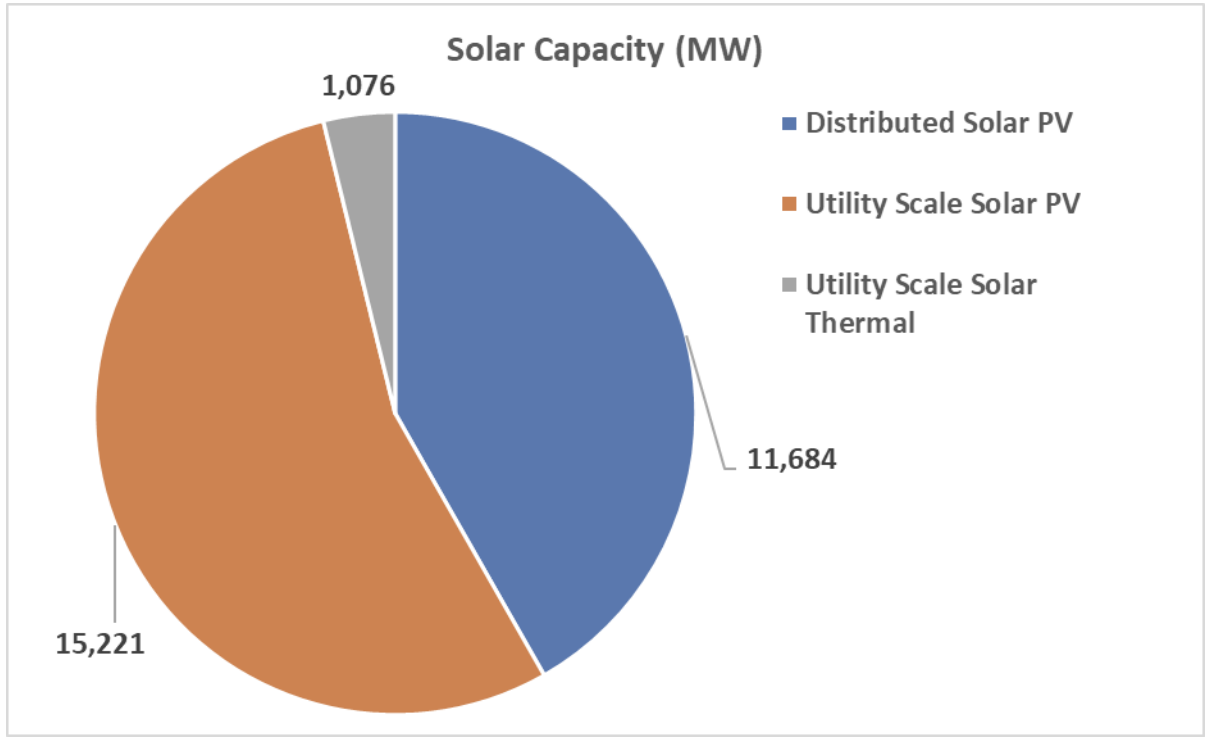
Actions Taken – Expanded Summer Planning

Coordinated activities

- Reliability analyses
- Resource tracking
- Contingency tracking
- Entity-specific emergency actions tied to CAISO System Operations Emergency Plan
- Real-time communication at senior levels

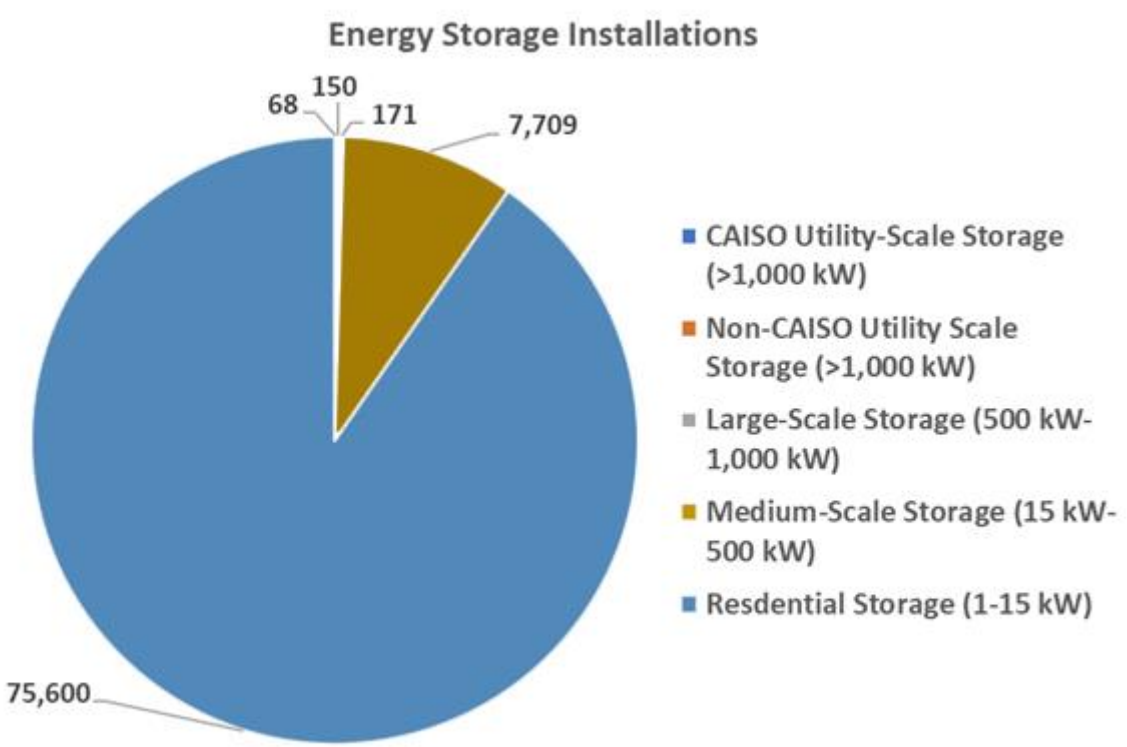
Current Deployment – Energy Storage

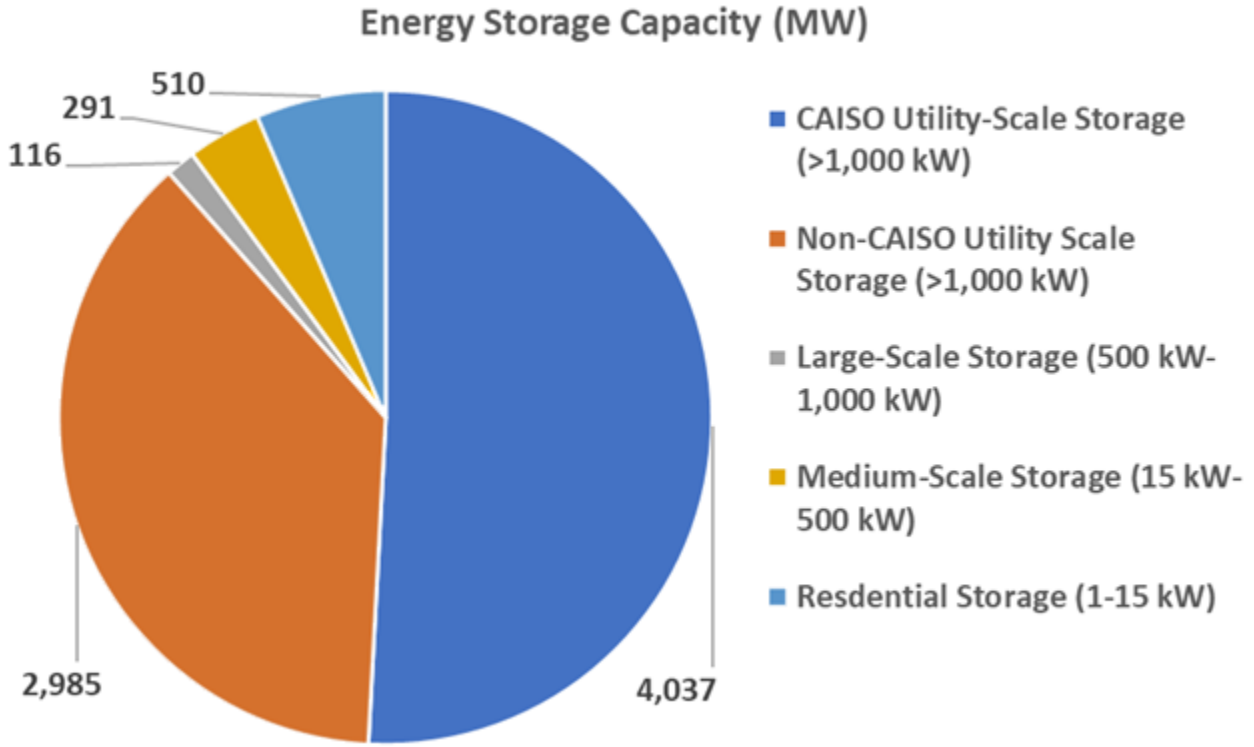




2022 Data

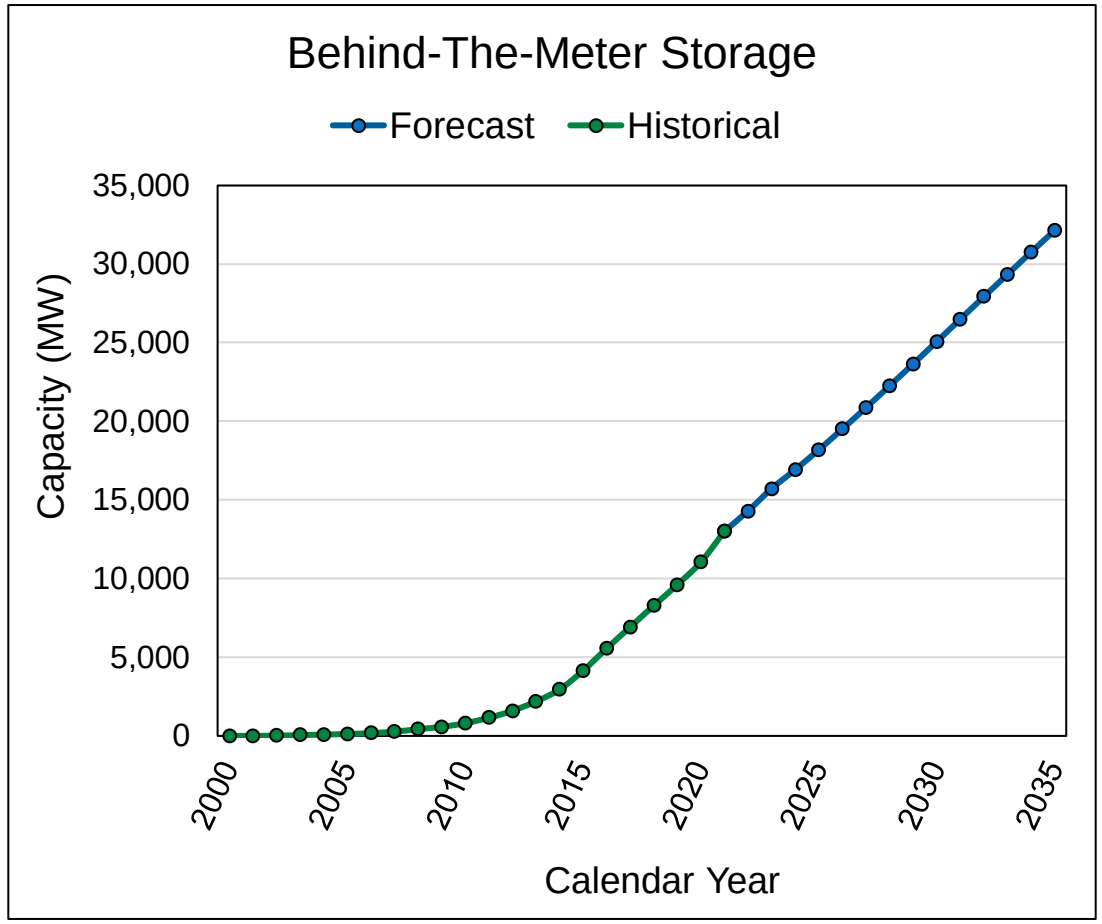
Current Deployment – Energy Storage (cont.)

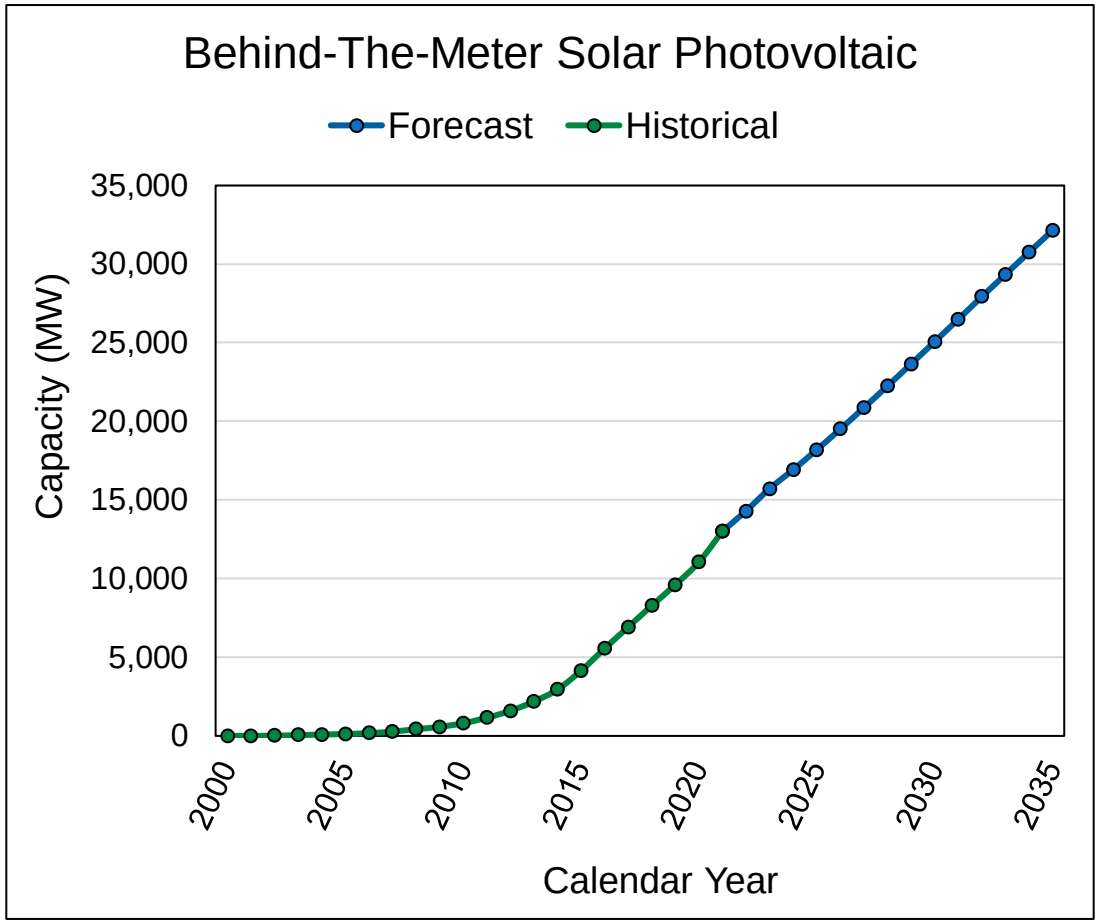




2022 Data

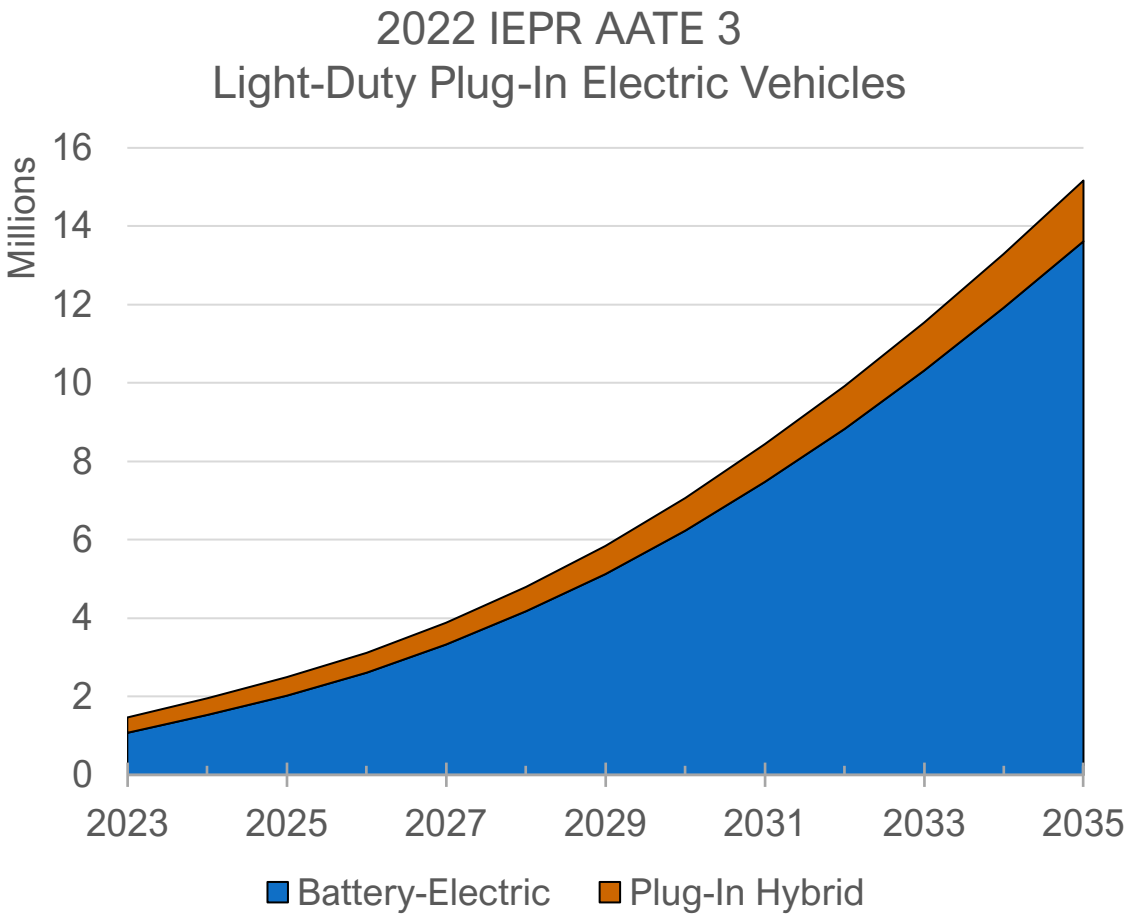
Behind-the-Meter Storage and PV Projections

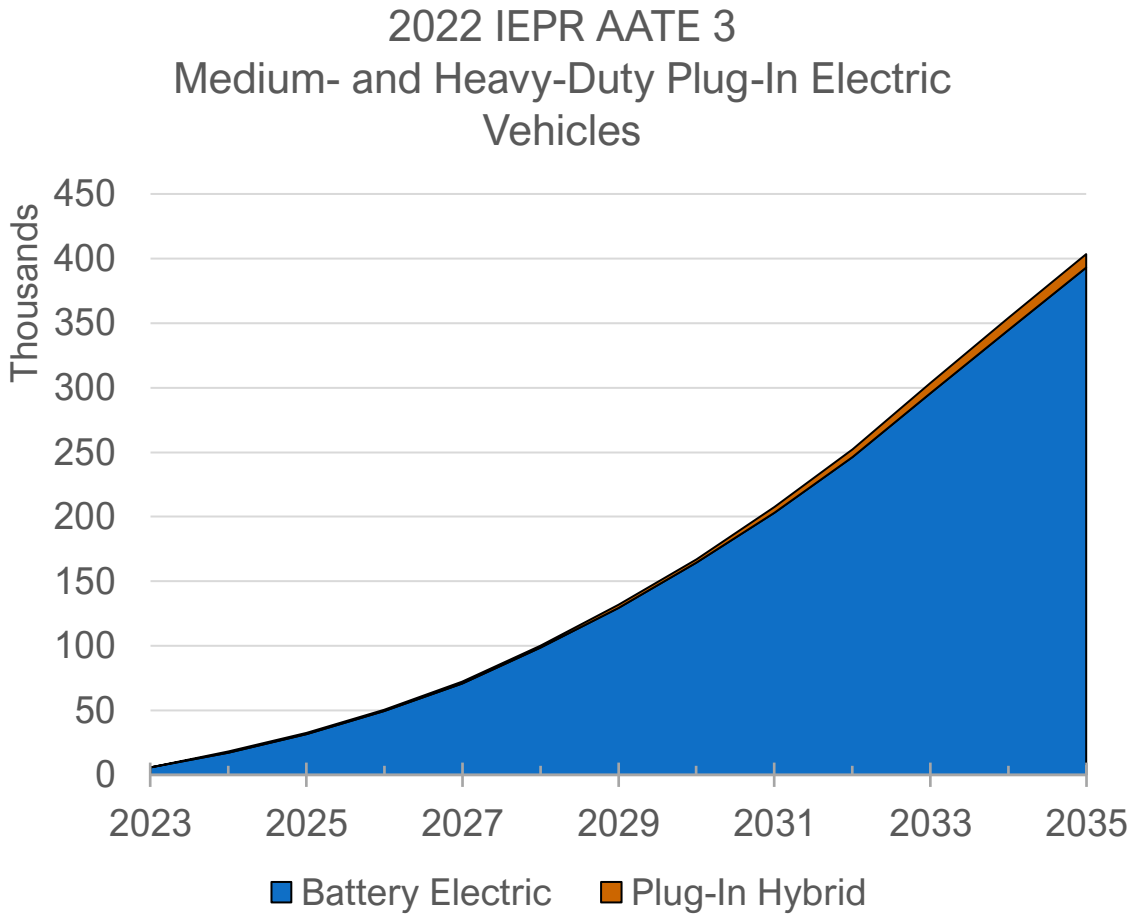




2022 IEPR Baseline Forecast

Electric Vehicle Projections

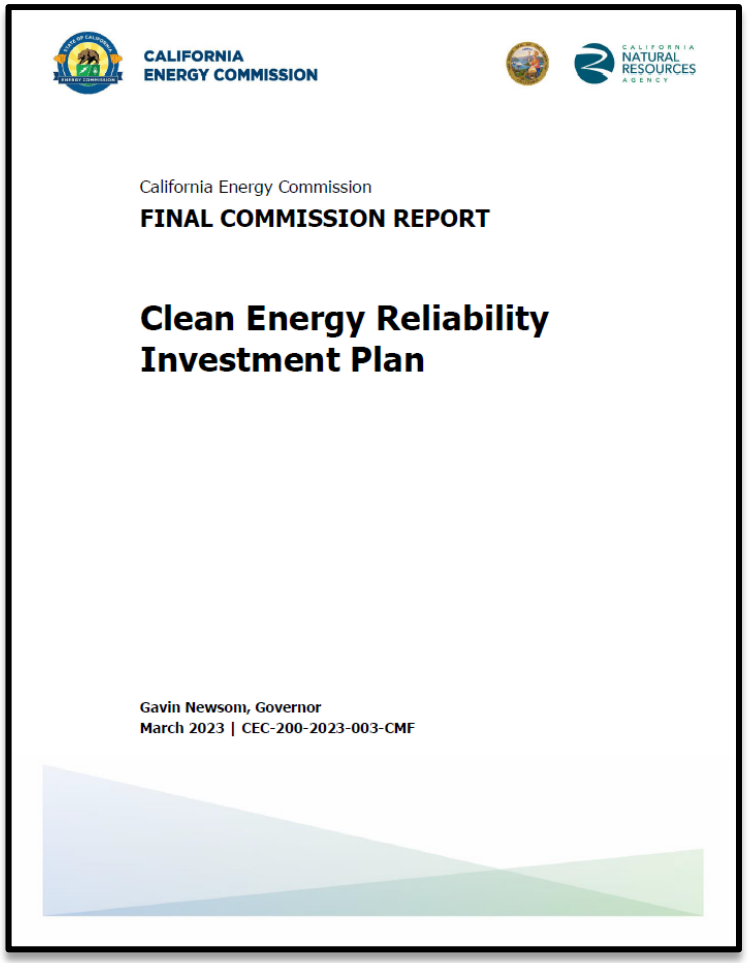




Future Potential – Clean Energy Reliability Investment Plan

Funding Priorities

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



Proposed Funding by Priority

Priority	Proposed Funding			
	23/24	24/25	25/26	Total
Enabling Investments	$57	$5	$5	$67
Scaling Demand-side Resources	$0	$175	$270	$445
Scaling Supply-side Resources	$0	$150	$150	$300
Augmenting for Extreme Events	$33	$50	$50	$133
Administration	$10	$20	$25	$55M
Total	$100	$400	$500	$1,000M

May 17 Summer Reliability Workshop Overview

- Anticipated Summer Situation
- Summer Reliability Assessments
- Strategic Reliability Reserve
- Supply Chain Panel