

DOCKETED	
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Document Title:	Presentation Item 03 - Information Item-Department of Water Resources Electricity Supply Strategic Reliability Reserve Agreement
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Filer:	Mary Dyas
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CALIFORNIA DEPARTMENT OF WATER RESOURCES

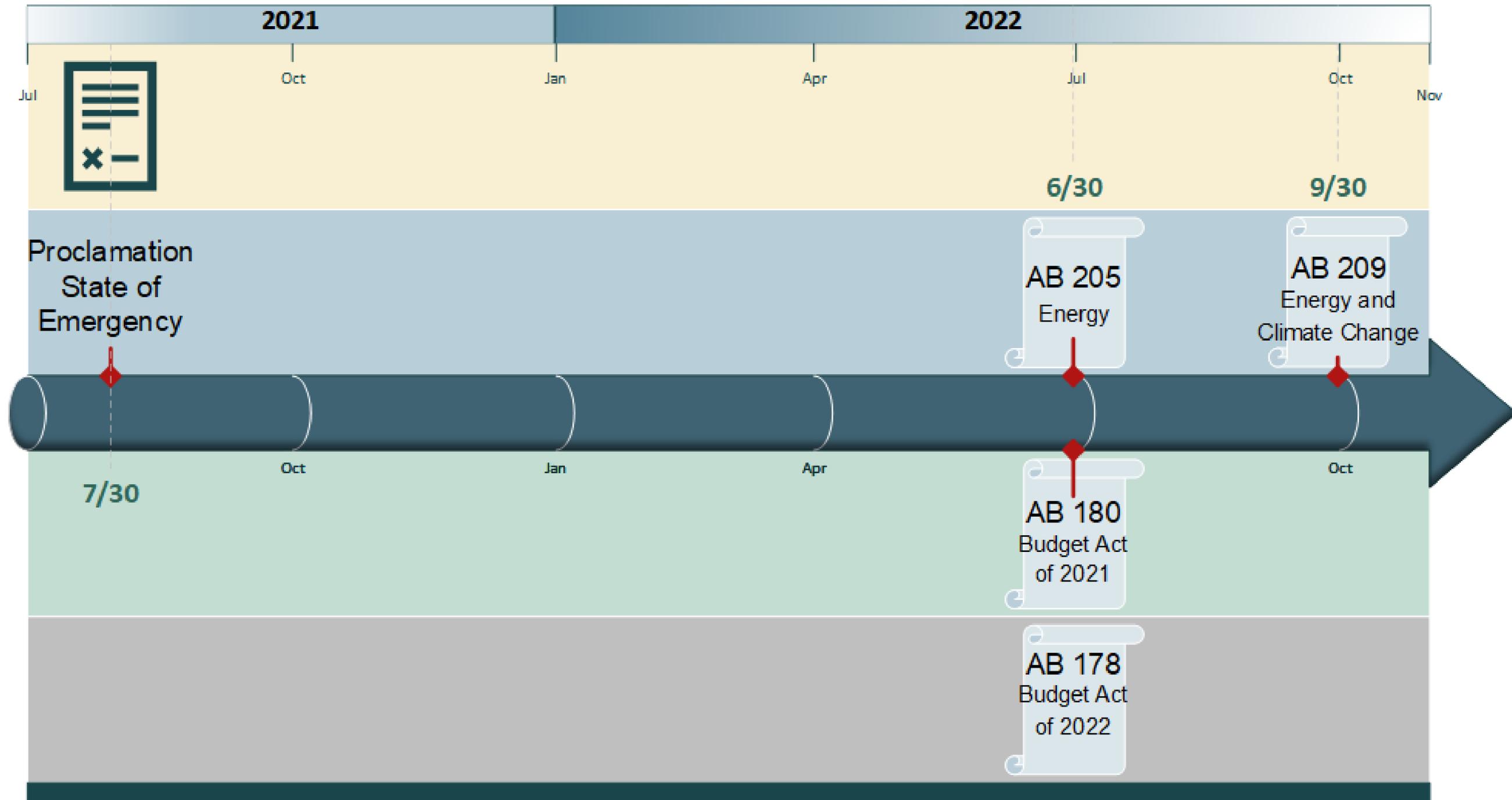
Electricity Supply Strategic Reliability Reserve

CEC Business Meeting, November 16, 2022



Jorge Quintero, P.E.

Legislative Drivers



California Department of Water Resources (DWR)

Tasked to deploy and manage additional energy resources to safeguard the State's energy grid through a newly created **Strategic Reliability Reserve**



CALIFORNIA DEPARTMENT OF
WATER RESOURCES



California Benefits from Electricity Supply Strategic Reliability Reserve

- Acts as insurance policy and safeguards the statewide electrical grid
- Provides additional energy reserves during extreme and combined events (heat waves, wildfires, and droughts)
- Helps to avoid power shortages and outages for millions of Californians
- Supports California's transition to a clean energy future



DWR's Role

- Identify, prioritize and select new generation projects
- Develop/execute contracts and oversee engineering, procurement and construction of projects
- Implement state certification and environmental compliance
- Administer Electricity Supply Strategic Reliability Reserve Fund
- Coordinate with State agencies (CAISO, CARB, CEC, CPUC, SWRCB, etc.) and report progress



Eligible Types of Projects



Extended
Operations of
Retiring Facilities



Emergency &
Temporary Power
Generators > 5MW



Energy storage
 ≥ 20 MW



Zero-Emission
Fuel Technology
Generation



Import Energy
& Import Capacity
Products



2022 Investments

 200 MW of emergency and temporary power generators

 1,400 MW of imported energy / capacity imports



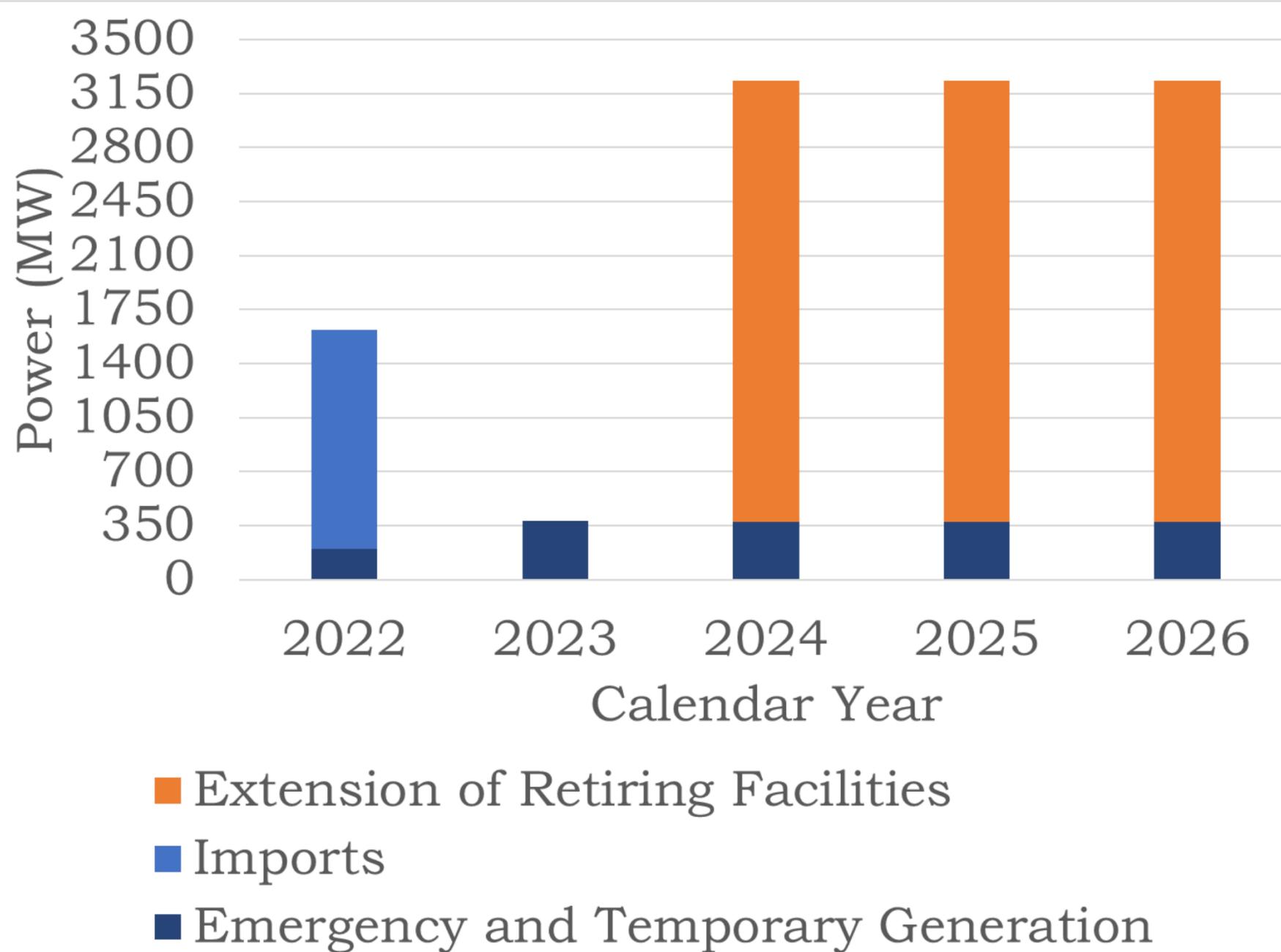
Planned Investments (2023 and beyond)

 360 MW of emergency and temporary power generators

 2,850 MW extended operations of retiring facilities



Electricity Supply Strategic Reliability Reserve MW



Next Reporting Update

- Written report to the Joint Legislative Budget Committee January 31, 2023
- Quarterly Update at the February 2023 CEC Business Meeting



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