Electricity Supply Strategic Reliability Reserve Program Update

CEC Business Meeting, April 10, 2025









Electricity Supply Strategic Reliability Reserve Program (ESSRRP) Overview

- One part of the state's Strategic Reliability Reserve, created by Assembly Bill (AB) 205, focused on grid-connected resources
- Acts as insurance policy and safeguards the statewide electrical grid during extreme and combined events driven by climate change (that is, heat events, wildfires, and drought)
- Supports California's transition to a clean energy future

ESSRRP Update

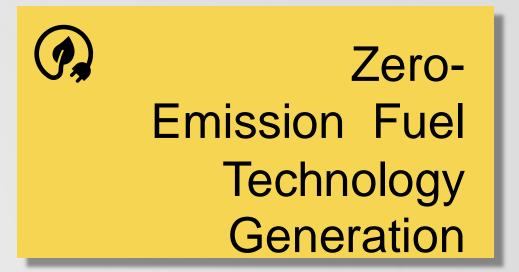
- AB 205 mandates quarterly CEC business meeting updates
 - Investments made and under consideration
 - Requires attendance by CPUC and CAISO
- 11th update to the CEC, including DWR's investment plan
- Next update expected Q3 2025



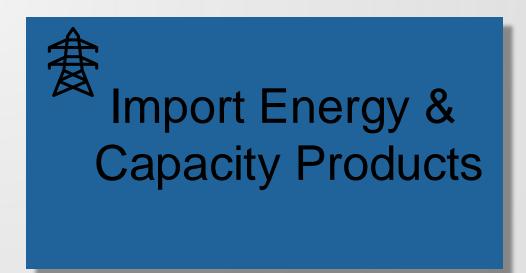
Five Eligible Types of Projects

Extended
Operations of
Retiring Facilities





Energy
Storage ≥ 20
MW





Total Investments

	2022	2023	2024	2025
Emergency & temporary natural gas resources and contracts for extreme events ^{1, 2}	400 8414/	148 MW	Up to 3,100 MW	3,079 MW
Firm energy import contracts ³	3,349 MW (47% low- or GHG-free)	3,391 MW (15% low- or GHG-free)		
Temporary diesel generators ⁴	82.4 MW	0		

⁴AB 205 (2022) only authorized diesel generator procurement until July 31, 2023. DWR closed this program early in favor of lower emission resources.



¹Resource default is "off."

²Includes resources procured through the Governor's July 30, 2021, Emergency Proclamation, extended operations of retiring facilities, and low emitting resources based on similar technology that has achieved California Air Resources Board's Distributed Generation certification. https://ww2.arb.ca.gov/our-work/programs/dgcert

³Authorization for firm energy imports up through October 31, 2023.