### **Electricity Supply Strategic Reliability Reserve Program Update**

CEC Business Meeting, January 21, 2025



### Delphine Hou, Deputy Director, Statewide Energy Office

# **Electricity Supply Strategic Reliability Reserve Program (ESSRRP) overview**

- One part of the state's Strategic Reliability Reserve, created via 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 (e.g., 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
- Tenth update to the CEC, including DWR's investment plan
- Next update expected Q2 2025

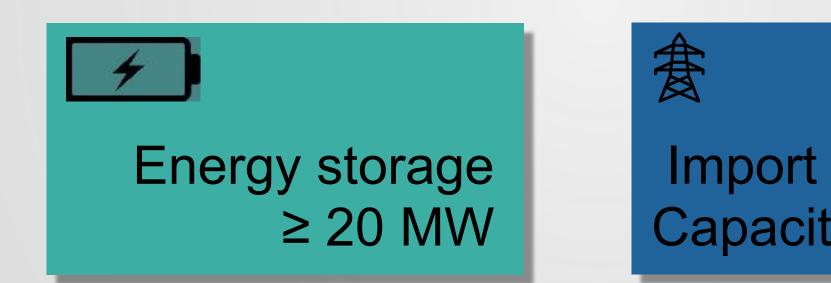


# Five (5) eligible types of projects

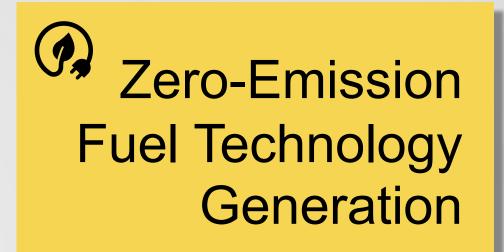
### Extended Operations of Retiring Facilities



Emergency & Temporary Power Generators > 5MW







### Import Energy & Capacity Products

## **Total Investments**

	2022	2023
Emergency & temporary natural gas resources and contracts for extreme events <sup>1, 2</sup>		148 MW
Firm energy import contracts <sup>3</sup>	3,349 MW (47% low- or GHG-free)	<b>3,391 MW</b> (15% low- or GHG-fl
Temporary diesel generators <sup>4</sup>	82.4 MW	0

<sup>1</sup>Resource default is "off."

<sup>2</sup>Includes 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. <u>https://ww2.arb.ca.gov/our-work/programs/dgcert</u>

<sup>3</sup>Authorization for firm energy imports up through October 31, 2023.

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



### WATER RESOURCES

