



# **Item 9: City of Pasadena Water and Power Department**

May 8, 2025 Business Meeting

O'Shea Bennett, Energy Commission Specialist II  
Reliability Reserve Incentives Branch  
Reliability, Renewable Energy, and Decarbonization Incentives (RREDI) Division



# CEC Reliability Reserve Incentive Programs

## Distributed Electricity Backup Assets (DEBA)

- Purchase of cleaner, more efficient distributed energy assets to serve as emergency supply or load reduction

## Demand Side Grid Support (DSGS)

- Use of existing load reduction resources during extreme events



# Benefits to Californians



- Support grid reliability during extreme events
- Increase capacity of existing power plants



# DEBA Bulk Grid Solicitation Overview



Strengthen reliability by funding

- Efficiency upgrades
- Capacity additions



Prioritize feasible, cost-effective:

- Zero-and low-emission resources
- Conventional resources



Notice of Proposed Awards recommended ~\$123 million for 297 MW

- 5 energy storage projects
- 4 conventional resource efficiency projects



# City of Pasadena Water and Power Dept.

## Glenarm Power Plant BESS Project (DBA-24-006)

- \$9.6 million grant award
- 25 MW of capacity
- Improved grid reliability and resiliency
- Meet peak demand, reduce use of natural gas peaker plants
- City of Pasadena – Lead Agency under CEQA



Source: City of Pasadena



# Staff Recommendation

---

- Adopt finding as a Responsible Agency under CEQA that it is the independent judgement of the CEC that there is no substantial evidence that the actions under the agreement will have a significant effect on the environment.
- Approve DEBA grant agreement 24-DBA-006.