



Item 9: Northern California Power Agency

March 17, 2025, Business Meeting

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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



Northern California Power Agency

- \$7 million grant (\$0.47 Million per MW of capacity addition)
- Project will add ~15 MW on hot days
- Project will allow:
 - Higher firing temperature
 - Improved efficiency (1.5 percent)



Source: NCPA



Staff Recommendation

- Adopt findings that the project will not have a significant effect on the environment and that no further environmental review is necessary.
- Approve DEBA grant agreement 24-DBA-005.