

DOCKETED

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Gem Energy Storage Center (21-AFC-02)

August 11, 2022, Informational Hearing, Rosamond, Kern County

Eric Knight, Manager
Siting, Transmission, and Environmental Protection Division
Siting and Environmental Branch



Application for Certification Process

- Applicant files application for certification (AFC)
- Staff reviews for completeness (“data adequacy”)
- Commission determines completeness
- Committee assigned to oversee proceeding
- **Staff conducts discovery**
- Staff prepares preliminary staff assessment



AFC Process (continued)

- Staff holds public workshop
- Staff prepares final staff assessment
- Committee conducts evidentiary hearing
- Committee issues proposed decision
- Commission votes on proposed decision



Staff's Role in an AFC Proceeding

- Staff is an independent party to the proceeding
- Staff issues public notices
- **Staff consults with agencies and tribes**
- Staff prepares environmental assessments
- Staff conducts public workshops
- Staff presents expert witness testimony at hearing



Staff Assessment Topic Areas

Air Quality
Alternatives
Biological Resources
Cultural and Tribal Cultural Resources
Environmental Justice
Geology and Paleontology
Hazardous Materials Management
Land Use
Noise and Vibration
Public Health

Socioeconomics
Soil and Water Resources
Transportation
Transmission Line Safety and Nuisance
Visual Resources
Waste Management
Worker Safety and Fire Protection

Facility Design
Power Plant Efficiency
Power Plant Reliability
Transmission System Engineering



CEC Gem Project Webpage

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Gem Energy Storage Center

This proceeding is for the certification of an energy storage project in Rosamond, Kern County, California.

PROJECT OWNER Hydrostor	TECHNOLOGY A-CAES
DOCKET NUMBER 21-AFC-02	PROJECT STATUS Under Review
CAPACITY 500 MW	PROJECT TYPE Application for Certification
LOCATION 8684 Sweetser Road in Rosamond, Kern County, California	

ORIGINAL PROCEEDING

- [Submit e-Comment](#)
- [Submit e-Filing](#)
- [Docket Log \(21-AFC-02\)](#)
- [Exhibit List](#)
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CONTACTS

PROJECT MANAGER
[Leonidas Payne](#)
916-838-2124

PUBLIC PARTICIPATION

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POWER PLANT CERTIFICATION AND EXEMPTION PROCESSES

As required by the Warren-Alquist Act, the Energy Commission monitors projects under its jurisdiction throughout construction, operation, and closure to ensure compliance with the conditions of certification imposed for approving the projects.

CONTACTS

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PUBLIC PARTICIPATION QUESTIONS
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