

DOCKETED

Docket Number:	21-AFC-02
Project Title:	Gem Energy Storage Center
TN #:	243488
Document Title:	Presentation - Item 3 - Proposed Joint Decision at June 8th Public Hearing
Description:	Presentation to the Commission in support of the Proposed Joint Decision Regarding Exemption from the Notice of Intention Process for Pecho and Gem
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Organization:	California Energy Commission
Submitter Role:	Committee
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Item 3: Proposed Joint Decision for Pecho Energy Storage Center (21-AFC-01) and Gem Energy Storage Center (21-AFC-02)

June 8, 2022

Reneé Webster-Hawkins, Senior Staff Attorney and Hearing Officer
Hearing & Advisory Unit
Chief Counsel's Office



Purpose of Public Hearing

- Public hearing on exemption from notice of intention (NOI) process under Public Resources Code section 25540.6(a)(3)
- The Committees recommend the Commission adopt the Proposed Joint Decision published May 27, 2022



Pecho Energy Storage Center (21-AFC-01)

- Advanced Compressed Air Energy Storage (A-CAES)
- 400 megawatt (MW)
- San Luis Obispo County
- 60 acres
- 3.4 mile interconnect to substation
- Filed November 23, 2021



Photo: Pecho LD Energy Storage, LLC, Project Site Simulation (TN240739, p. 3)



Gem Energy Storage Center (21-AFC-02)

- Advanced Compressed Air Energy Storage (A-CAES)
- 500 megawatt (MW)
- Kern County
- 71 acres
- 10.9 mile interconnect to substation
- Filed December 1, 2021



Photo: Gem A-CAES LLC, Architectural Rendering (TN240751-2, p. 4)



Findings and Conclusions

- The purpose-built underground storage caverns and the grid electrical energy are collectively “the energy source” within the meaning of section 25540.6(a)(3).
- Pecho and Gem are only technologically or economically feasible to site at or near the energy source, due to the totality of combined features and requirements of the technology employed by Pecho and Gem, including the energy sources necessary for the technology to successfully and reliably generate electricity.



Committees' Recommendation & Next Steps

- Admit Docket Nos. 21-AFC-01 and 21-AFC-02 as the hearing record for the Commission Decision in each proceeding, respectively.
- Adopt the Proposed Joint Decision and Adoption Order recommended by the Committee for Pecho, including findings and conclusions that Pecho qualifies for an exemption from the Notice of Intention (NOI) process.
- Adopt the Proposed Joint Decision and Adoption Order recommended by the Committee for Gem, including findings and conclusions that Gem qualifies for an exemption from the Notice of Intention (NOI) process.
- Staff to process each of the applications for Pecho and Gem as an AFC and review the filings for data adequacy pursuant to California Code of Regulations, title 20, section 1704 & Appendix B.
- Possible closed session deliberation on the Proposed Joint Decision.