

**DOCKETED**

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<b>Project Title:</b>	Palomar Energy Project Compliance
<b>TN #:</b>	239684
<b>Document Title:</b>	Notice of Receipt
<b>Description:</b>	Petition for Post Certification Project Change Palomar Energy Center
<b>Filer:</b>	susan fleming
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Public Agency
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<b>Docketed Date:</b>	9/13/2021



## **NOTICE OF RECEIPT**

### **PETITION FOR POST CERTIFICATION PROJECT CHANGE PALOMAR ENERGY CENTER (01-AFC-24C)**

On August 12, 2021, San Diego Gas & Electric Company (SDG&E) filed a petition for a post-certification project change (TN 239299) with the California Energy Commission (CEC) for the Palomar Energy Center (PEC).

The 588-megawatt (MW) combined-cycle, natural gas power plant (which includes two natural gas-fired, combustion turbine generators (CTGs) and a steam turbine generator (STG)) was certified by the CEC on August 6, 2003 and began commercial operation on April 1, 2006. The facility is in the city of Escondido, in San Diego County, California.

#### **SUMMARY OF PROPOSED CHANGES**

The project owner seeks approval for a hydrogen generation and energy storage, clean energy project, at the PEC, installing the following new equipment and facilities at the PEC:

- Hydrogen generation and storage with the use of an electrolyzer and hydrogen storage vessels;
- 300 kilowatts (kW) of photovoltaic (PV) solar panels on canopies over existing parking areas; and
- A hydrogen fueling station for SDG&E on-site maintenance vehicles and off-site fleet vehicles (cars and trucks).

These facilities would be used to produce hydrogen, which would be injected into the natural gas stream used in the CTGs and used for fueling hydrogen fuel-cell electric vehicles (FCEVs). The hydrogen generated on-site would also be used for generator cooling, which is currently provided by purchasing hydrogen in compressed gas cylinders, which are stored on-site.

For additional information, the CEC's webpage for this facility, <https://www.energy.ca.gov/powerplant/combined-cycle/palomar-energy-project>, has a link to the petition accessible through the webpage in the box labeled "Compliance Proceeding." Click on the "Documents for this Proceeding (Docket Log)" option.

## **CEC REVIEW PROCESS**

This petition is reviewed pursuant to Title 20, California Code of Regulations section 1769. The review process includes an evaluation of the effect the change could have on the environment; the project's compliance with applicable laws, ordinances, regulations, or standards; and whether a change to, addition of, or deletion of any condition of certification is required.

After staff has completed its independent review and analysis of this petition, the assessment will be published for public review and comment. Included in the staff analysis, staff will provide written notice of its intent to either process the proposed changes as a staff-approved project change or schedule it for consideration by the CEC at a regularly scheduled business meeting.

## **PUBLIC PARTICIPATION**

This notice of receipt is being mailed to the CEC's facility mailing list of interested agencies, the public, and property owners that requested placement on the mailing list and listserv and to property owners within 1,000 feet of the facility site. The listserv is an automated CEC system by which information about this facility is emailed to parties who have subscribed. To subscribe, go to the CEC's webpage for this facility, cited above, scroll down the right side of the project webpage to the box labeled "Subscribe," and provide the requested contact information.

Any person may comment. The CEC encourages use of its electronic commenting system. To use the CEC's electronic commenting feature, go to the CEC's webpage for this facility, cited above, click on the "Submit e-Comment" link, and follow the instructions in the online form. Be sure to include the facility name in your comments.

Written and oral comments, attachments, and associated contact information (for example, address, phone number, email address) become part of the viewable public record. This information may also become available via any internet search engine.

Written comments may also be mailed to:

California Energy Commission  
Docket Unit, MS-4  
Docket No. 01-AFC-24C  
715 P Street  
Sacramento, CA 95814-5512

If you have questions about this notice, please contact Keith Winstead, compliance project manager, at (916) 208-3849, or via email at [Keith.Winstead@energy.ca.gov](mailto:Keith.Winstead@energy.ca.gov).

For information on public participation, please contact the Public Advisor, at (916) 654-4489 or (800) 822-6228 (toll-free in California) or send your email to [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov).

News media inquiries should be directed to the Media Office at (916) 654-4989, or by email to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov).

Mail List: 7152  
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