

DOCKETED

Docket Number:	01-AFC-19C
Project Title:	SMUD Consumnes River-Compliance
TN #:	224683
Document Title:	Cosumnes Power Plant - Petition to Amend - AGP_Upgrades - Notice of Receipt
Description:	Notice of Receipt for the Cosumnes Power Plant Petition to Amend for Advanced Gas Path Upgrades
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CALIFORNIA ENERGY COMMISSION

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NOTICE OF RECEIPT PETITION TO AMEND the COSUMNES POWER PLANT (01-AFC-19C)

On August 29, 2018, the Sacramento Municipal Utility District Financing Authority (SFA) filed a petition to amend (PTA) with the California Energy Commission requesting modifications to operate the Cosumnes Power Plant (CPP) utilizing the enhanced capabilities of the installed GE "Power FlexEfficiency Package" including Advanced Gas Path (AGP) components and Dry-Low-NOx (DLN) combustors, and an oxidation catalyst emission control system. CPP is a 534 megawatt (MW) combined-cycle natural gas facility at the Rancho Seco Nuclear Plant, 25 miles southeast of the City of Sacramento, in Sacramento County. The project was certified by the Energy Commission on September 9, 2003, and began commercial operation on February 24, 2006.

DESCRIPTION OF PROPOSED MODIFICATIONS

The PTA (TN 224625) is seeking approval of the PTA, which includes the following actions:

- Use of the already installed AGP components, DLN combustors, and oxidation catalyst emission control systems.
- Increase electrical production from each of the two licensed CPP combustion turbine generators (CTG) from 170 MW to 198 MW¹, an increase of 28 MW each and 56 MW total.
- Increase each CT's licensed fuel consumption from 1,865 million British thermal units per hour on a higher heating value (MMBtu/hr-HHV) basis to a heat input of 2,200 MMBtu/hour-HHV.
- The increased fuel consumption would increase the steam turbine generator (STG) output from 194 MW to 207 MW².
- Overall CPP electrical output would increase from 534 MW to 603 MW, an increase of 69 MW.
- Increase air emission limits commensurate with the increased fuel consumption.

¹ At 59 degrees Fahrenheit (F) and 60 percent relative humidity.

² At 59 degrees Fahrenheit (F) and 60 percent relative humidity.

The PTA proposes to change the air quality conditions of certification based on the Sacramento Metropolitan Air Quality Management District's issuance of a Determination of Compliance with revised permit conditions, but concludes that there would be no significant environmental impacts associated with the implementation of the actions specified in the PTA, and that the project, as modified, would comply with all applicable laws, ordinances, regulations, and standards.

For additional information, the Energy Commission's webpage for this facility, <http://www.energy.ca.gov/sitingcases/smud/index.html>, has a link to the petition to the project modifications (TN 224625) accessible through the webpage in the box labeled "Compliance Proceeding." Click on the "Documents for this Proceeding (Docket Log)" option.

ENERGY COMMISSION AMENDMENT REVIEW PROCEDURES

The purpose of the Energy Commission's review process is to assess the impacts of this proposal on environmental quality and on public health and safety. The review process includes an evaluation of the consistency of the proposed changes with the Energy Commission's CPP Decision and a determination on whether the facility, as modified, would remain in compliance with applicable laws, ordinances, regulations and standards (20 Cal. Code of Regs., § 1769). After the staff has completed its independent review and analysis of this petition, it will publish its assessment for public review and comment. Upon completion of its review, the staff will provide written notice of its intent to schedule the PTA for consideration by the Energy Commission at a regularly scheduled Business Meeting.

This Notice of Receipt is being mailed to the Energy Commission's facility mail list of interested parties and property owners adjacent to the facility site. It is also available via the facility listserv. The listserv is an automated Energy Commission system by which information about this facility is emailed to parties who have subscribed. To subscribe, go to the Commission's webpage for this facility, cited above, scroll down the right side of the project's webpage to the box labeled "Subscribe," and provide the requested contact information.

Any person may comment on the petition. To use the Energy Commission's electronic commenting feature, go to the Energy Commission's webpage for this facility, cited above, click on either the "Comment on this Proceeding" or "Submit e-Comment" link, and follow the instructions in the on-line form. Be sure to include the facility name in your comments. Once submitted, the Energy Commission Dockets Unit reviews your comments and posts them when approved. You will receive an email with a link to them.

Written comments may also be mailed or hand-delivered to:

California Energy Commission
Dockets Unit, MS-4
Docket No. 01-AFC-19C
1516 Ninth Street
Sacramento, CA 95814-5512

All comments and materials filed with, and approved by, the Dockets Unit will be added to the facility Docket Log and become publicly accessible on the Energy Commission's webpage for the facility.

If you have questions about this notice, please contact the Project Manager, Mary Dyas, at (916) 651-8891 or via e-mail at mary.dyas@energy.ca.gov.

For information on participating in the Energy Commission's review of the petition, please contact Alana, Mathews, the Public Adviser at (800) 822-6228 (toll-free in California) or send your e-mail to publicadviser@energy.ca.gov.

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

Date: 9/11/18



CHRISTINE ROOT

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