

DOCKETED

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Project Title:	SMUD Cosumnes Power Plant - Compliance
TN #:	262373
Document Title:	Summary of Post Certification Petition - Cosumnes Power Plant Axial Fuel Staging Upgrade
Description:	CPP Summary of Post Certification Petition for the Axial Fuel Staging Upgrade
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SUMMARY OF POST CERTIFICATION PETITION PETITION FOR POST CERTIFICATION CHANGE Cosumnes Power Plant (01-AFC-19C)

On January 23, 2025, the Sacramento Municipal Utility District Financing Authority (SFA) filed a Post-Certification Petition for Changes in Project Design, Operation or Performance and Amendments to the Commission Decision (Petition) ([TN 261258](#)) with the California Energy Commission (CEC) for the Cosumnes Power Plant (CPP) pursuant to California Code of Regulations, title 20, section 1769.

The CPP is a 603-megawatt (MW), combined-cycle, natural gas-fired power facility, certified by the CEC in September 2003 and began commercial operation in February 2006. The facility is located at 14295 Clay East Road in Sacramento County.

SUMMARY OF PROPOSED CHANGES

The project owner seeks approval to upgrade the existing combustion turbine components by adding Axial Fuel Staging (AFS) technology and a carbon monoxide analyzer in each heat recovery steam generator (HRSG).

The AFS Combustor Upgrade Project would allow the turbine to turn down from 40% to 26% of turbine load while maintaining current NO_x and CO emission concentrations. This modification reduces the minimum fuel burn-up to 25% and expands the turbine lower load range by approximately 100-MWs. The change is not expected to result in an increase in either criteria or toxic air emissions.

In addition, CPP's existing Continuous Emissions Monitoring Systems (CEMS) would be upgraded to include a carbon monoxide analyzer in each HRSG to measure upstream of the oxidation catalysts using existing sampling lines. The analyzers are not relied on for regulatory compliance but would be installed to allow for more accurate combustor tuning. The carbon monoxide analyzer upgrade includes the installation of new equipment racks in the existing CEMS buildings and updates to the sample conditioning system and the data acquisition and handling system.

For additional information, please visit the [CEC's project webpage](https://www.energy.ca.gov/powerplant/combined-cycle/cosumnes-power-plant) at, <https://www.energy.ca.gov/powerplant/combined-cycle/cosumnes-power-plant>.

Accessible on the webpage is a link to the petition locate the box labeled "Compliance Proceeding"; select the "Docket Log" option to view.

REVIEW PROCESS

This petition is reviewed pursuant to California Code of Regulations, title 20, 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, or deletion of any condition of certification adopted by the CEC in the final decision or subsequent amendments is required.

After staff completed an independent review and analysis of this petition, the assessment will be published for public review and comment. Included in the staff analysis, will be written notice of staff's 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 summary of the post certification petition is being mailed to the following persons on the CEC's mailing list for the project: interested agencies, members of the public, property owners who requested placement on the mailing list, property owners within 500 feet of linear features (e.g. transmission line) and within 1,000 feet of the facility. The notice is also being sent electronically using the Cosumnes Power Plant electronic subscription service. The electronic subscription service 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 project webpage](#), 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 on the petition or the staff analysis when publicly available. The CEC encourages use of its electronic commenting system. To use the CEC's electronic commenting feature, go to the [CEC's project webpage](#), 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 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-19C
715 P Street
Sacramento, CA 95814

If you have questions about this notice, please contact Compliance Project Manager Ashley Gutierrez, Compliance Monitoring and Enforcement Unit, Safety and Reliability Branch, at (916) 839-0400 or via e-mail at Ashley.Gutierrez@energy.ca.gov.

For information on public participation, please contact the CEC's Office of Public Advisor, Energy Equity, and Tribal Affairs at (916) 957-7910 or email at publicadvisor@energy.ca.gov.

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

Mail List: 7124
Subscription list: Cosumnes Power Plant