

DOCKETED

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Project Title:	High Desert Power Plant (COMPLIANCE)
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Document Title:	Analysis of the proposed installation of ultraviolet treatment and cold lime systems
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CALIFORNIA ENERGY COMMISSION

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DATE: September 26, 2014

TO: Interested Parties

FROM: Joseph Douglas, Compliance Project Manager

SUBJECT: HIGH DESERT POWER PROJECT (97-AFC-01C)
Analysis of the proposed installation of ultraviolet treatment and cold lime systems

On July 21, 2014, High Desert Power Trust, the owner of the High Desert Power Project (HDPP), filed a petition with the California Energy Commission (Energy Commission) requesting to modify the project. The 830-megawatt, combined-cycle power plant was certified by the Energy Commission on May 3, 2000, and began commercial operations in April, 2003. The facility is located in the City of Victorville, in San Bernardino County.

The modifications proposed in the petition would modify the project to allow HDPP to install an ultraviolet treatment system within the existing water treatment facilities, and an enhancement to the existing cold lime softening system. The cold lime system will require a slight alteration to an existing structure and an additional tank to increase system efficiency. All modifications will remain on existing asphalt surfaces surrounding the water treatment facility. According to the petition, these modifications will reduce water consumption and improve overall efficiency and reliability of the HDPP.

ENERGY COMMISSION STAFF REVIEW AND DETERMINATION

Energy Commission technical staff reviewed the petition for potential environmental effects and consistency with applicable laws, ordinances, regulations, and standards (LORS). Staff has determined that the technical or environmental areas of Cultural Resources, Geological Hazards and Resources, Land Use, Noise and Vibration, Paleontological Resources, Public Health, Socioeconomics, Transmission Line Safety and Nuisance, Transmission System Engineering, and Waste Management are not affected by the proposed changes, and no revisions or new conditions of certification are needed to ensure the project remains in compliance with all applicable LORS and existing conditions of certification for these areas.

Air Quality technical staff determined that the modification would not have a significant effect on the environment and would have no adverse effect on air quality.

Biological technical staff determined that the modification would not have a significant effect on the environment and would have no adverse effect on biological resources.

Hazardous Materials Management technical staff determined that the modification would not have a significant effect on the environment and would not result in a change

to or deletion of a condition adopted by the Commission in the Final Decision or make changes that would cause HDPP noncompliance with any applicable Hazardous Materials LORS.

Traffic and Transportation technical staff determined that the modification would not have a significant effect on traffic resources and the project would remain in compliance with all applicable LORS pertaining to traffic and transportation.

Visual Resources technical staff determined that the modification would not have a significant effect on visual resources and the project would remain in compliance with all applicable LORS pertaining to visual resources.

Soil and Water Resources technical staff determined that the modification would not have a significant effect on water quality and the project would remain in compliance with all applicable LORS pertaining to soil and water resources.

Worker Safety technical staff determined that the modification would not have a significant effect on worker safety and the project would remain in compliance with all applicable LORS pertaining to worker safety .

Facility Design staff determined that the modification would not have a significant effect on project design and the project would remain in compliance with all applicable LORS pertaining to facility design.

A summary of staff's conclusions reached in each technical area are summarized in the following table.

Summary of Staff Responses to Petition

TECHNICAL/ENVIRONMENTAL AREAS REVIEWED	STAFF RESPONSE			Revised Conditions of Certification Recommended
	Technical Area Not Affected	No Significant Environmental Impact*	Process As Amendment	
Air Quality		X		
Biological Resources		X		
Cultural Resources	X			
Facility Design		X		
Geological & Paleontological Resources	X			
Hazardous Materials Management		X		

TECHNICAL/ENVIRONMENTAL AREAS REVIEWED	STAFF RESPONSE			Revised Conditions of Certification Recommended
	Technical Area Not Affected	No Significant Environmental Impact*	Process As Amendment	
Land Use	X			
Noise & Vibration	X			
Paleontological Resources	X			
Public Health	X			
Socioeconomics	X			
Soil & Water Resources		X		
Traffic & Transportation		X		
Transmission Line Safety & Nuisance	X			
Transmission System Engineering	X			
Visual Resources		X		
Waste Management	X			
Worker Safety & Fire Protection		X		

The petition has been posted on the Energy Commission’s project docket log webpage at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=97-AFC-01C> . Energy Commission staff intends to recommend approval of the petition at the October 7, 2014, Business Meeting of the Energy Commission. The Energy Commission’s Order (if approved) will also be posted on this webpage.

Agencies and members of the public who wish to provide comments on the amendment petition or staff analysis are asked to submit their comments by 5:00 p.m. October 6, 2014, using the Energy Commission’s e-commenting feature by going to the Energy Commission’s e-filing webpage <http://www.energy.ca.gov/e-filing/index.html>, and clicking on the “Submit e-Comment” link. A full name, e-mail address, comment title, and either a comment or an attached document (in the .doc, .docx, or .pdf format) are mandatory. After entering a challenge-response test used by the system to ensure that

responses are generated by a human user and not a computer, click on the “Agree & Submit Your comment” button to submit the comment to the Energy Commission Dockets Unit. Written comments may also be mailed or hand delivered to:

California Energy Commission
Dockets Unit, MS-4
Docket No. 97-AFC-1C
1516 Ninth Street
Sacramento, CA 95814-5512

All comments and materials filed with the Dockets Unit will become part of the public record of the proceeding.

If you have any questions, please contact Joseph Douglas, Compliance Project Manager, at (916) 653-4677, or by fax to (916) 654-3882, or via e-mail at: joseph.douglas@energy.ca.gov.

If you desire information on participating in the Energy Commission's review process, please contact the Energy Commission's Public Adviser's Office, at (916) 654-4489 or toll free in California, at (800) 822-6228. The Public Adviser's Office can also be contacted via email at publicadviser@energy.ca.gov.

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

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