

**CALIFORNIA ENERGY COMMISSION**

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512



**STATE OF CALIFORNIA  
ENERGY RESOURCES CONSERVATION  
AND DEVELOPMENT COMMISSION**

<b>DOCKET</b>	
<b>99-AFC-1C</b>	
DATE	SEP 08 2010
RECD.	SEP 16 2010

**In the Matter of:** ) **Docket No. 99-AFC-1C**  
 )  
**ELK HILLS POWER PROJECT** ) **Order No. 10-0908-7**  
 )  
**ELK HILLS POWER, LLC** ) **ORDER AMENDING THE ENERGY**  
 ) **COMMISSION DECISION**  
 )

On June 22, 2010, Elk Hills Power, LLC filed a petition with the California Energy Commission (Energy Commission) to amend air quality Conditions of Certification in the Energy Commission Decision for the Elk Hills Power Project (EHPP). The 500 megawatt project, which was certified in 2000, is located in the middle of Occidental's Elk Hills oil and gas field, which is about 25 miles west of Bakersfield, CA, in Kern County, California.

**STAFF RECOMMENDATION**

The Energy Commission staff reviewed the petition and finds that it complies with the requirements of Title 20, Section 1769(a) of the California Code of Regulations. Staff recommends approval of the Elk Hills Power, LLC petition to amend the Energy Commission certificate to change the cooling tower PM10 emission limits in AQ-18, AQ-50, and wording in AQ-57 for consistency with San Joaquin Valley Air Pollution Control District's permits.

**COMMISSION FINDINGS**

As mandated by Title 20, section 1769(a)(3) of the California Code of Regulations, the Energy Commission may only approve project modifications if specific findings are met. Following staff's review of the proposed amendment, Energy Commission staff recommends approval based on the following findings:

- A. There will be no new or additional unmitigated significant environmental impacts associated with the proposed changes.
- B. Adherence to the proposed revisions to Conditions of Certification AQ-18, AQ-50, and AQ-57 will ensure the facility's compliance with all applicable LORS.
- C. The change would be beneficial to the project owner in that it would ensure the EHPP's continuous compliance with the Energy Commission's conditions of certification and the San Joaquin Valley Air Pollution Control District's rules.
- D. There has been a substantial change in circumstances since the Energy Commission certification justifying the changes to the EHPP's cooling tower PM10 emission limits. The change is based on information that was not

available to the parties prior to Energy Commission certification in that the TDS levels have increased over time.

### CONCLUSION AND ORDER

The California Energy Commission hereby adopts staff's recommendations and approves revisions to the Decision, and the following changes to the Elk Hills Power Project Decision. Deleted text is in ~~strike through~~, new text is **bold double-underlined**.

**AQ-18** Annual emissions from both CTGs calculated on a twelve (12) consecutive month rolling basis shall not exceed any of the following:

PM10 - ~~315,360~~**261,960** lb/year,

SOx (as SO<sub>2</sub>) - 57,468 lb/year,

NOx (as NO<sub>2</sub>) - 285,042 lb/year,

VOC - 64,478 lb/year, and

CO - 223,040 lb/year.

[District Rule 2201]

**Verification:** The project owner shall provide records of compliance as part of the quarterly reports of Condition **AQ-35**.

**AQ-50** PM10 emission rate shall not exceed ~~9.4~~**11.7** lb/day. [District Rule 2201]

**Verification:** Please refer to Condition **AQ-51**.

**AQ-57** The ~~is~~ engine shall be equipped with **either** a positive crankcase ventilation (PCV) system **that recirculates crankcase emissions into the air intake system for combustion**, or a crankcase emissions control device of at least 90% control efficiency unless UL certification would be voided. [District Rule 2201]

**Verification:** The project owner shall make the site available for inspection by representatives of the District, CARB and the Commission.

IT IS SO ORDERED.

Date: September 8, 2010

STATE OF CALIFORNIA  
ENERGY RESOURCES CONSERVATION  
AND DEVELOPMENT COMMISSION



KAREN DOUGLAS, Chairman