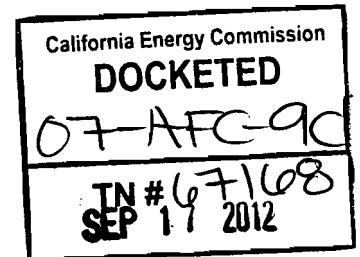


**CALIFORNIA ENERGY COMMISSION**

1516 NINTH STREET  
 SACRAMENTO, CA 95814-5512  
 www.energy.ca.gov



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



In the Matter of: )  
 )  
**CANYON POWER PLANT** ) **Docket No. 07-AFC-9C**  
 )  
 ) **Order No. 12-0912-5**  
 )  
**SOUTHERN CALIFORNIA PUBLIC** ) **ORDER APPROVING the Petition to**  
**POWER AUTHORITY** ) **Amend Condition of Certification AQ-2**  
 )  
 )

On May 8, 2012, the Southern California Public Power Authority (SCPPA), the owner of the Canyon Power Plant Project (CPP), submitted a petition requesting to increase the carbon monoxide (CO) startup limit set in Condition of Certification **AQ-2** from 6.3 pounds per hour (lb/hr) to 11.6 lb/hr. The modification will allow the Project Owner to operate the Canyon Power Plant Project turbines in compliance with applicable air quality regulations and permits.

The modifications were approved by the South Coast Air Quality Management District (SCAQMD) and were determined to comply with their regulations. A revised Temporary Permit to Operate was issued on June 14, 2012.

**STAFF RECOMMENDATION**

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 and recommends approval of SCPPA's petition to modify the Canyon Power Plant Project and amend Condition of Certification **AQ-2**.

**ENERGY COMMISSION FINDINGS**

Based on staff's analysis, the Energy Commission concludes that the proposed changes will not result in any significant impact to public health and safety, or the environment. The Energy Commission finds that:

- The petition meets all the filing criteria of Title 20, section 1769(a) of the California Code of Regulations concerning post-certification project modifications;
- The modification will not change the findings in the Energy Commission's Final Decision pursuant to Title 20, section 1755;

- The project will remain in compliance with all applicable laws, ordinances, regulations, and standards (LORS), subject to the provisions of Public Resources Code section 25525;
- The requested change will conform with the applicable LORS related to air quality and will not result in significant air quality impacts.
- The change is based on information that was not available to the parties prior to Energy Commission certification in that the original limit was based off a vendor estimate during the licensing period; during initial operation, some start-up events resulted in intermittent emission rates exceeding the 6.3 lb/hr limit.

## CONCLUSION AND ORDER

The California Energy Commission hereby adopts Staff's recommendations and approves the following changes to the Commission Decision for the Canyon Power Plant Project. New language is shown as **bold and underlined**, and deleted language is shown in ~~strikeout~~.

## CONDITION OF CERTIFICATION

**AQ-2** The 2.5 ppm NO<sub>x</sub>, 4.0 ppm CO, and 2.0 ppm ROG emission limits shall not apply during turbine commissioning, start-up, and shutdown periods. Commissioning shall not exceed 156 hours total. Each start-up shall not exceed 35 minutes. Each shutdown shall not exceed 10 minutes. Each turbine shall be limited to a maximum of 240 start-ups per year.

NO<sub>x</sub>, CO, and ROG emissions for an hour that includes a ~~full start-up sequence of 35 minutes, followed immediately by a turbine trip, a five minute purge period during which no fuel is burned, and the first 20 minutes of a restart sequence~~ shall not exceed 14.27 lbs for NO<sub>x</sub>, ~~6.3~~**11.6** lbs for CO, and 1.29 lbs for ROG and for the hour ~~which~~ **that** includes a shutdown 4.07 lbs for NO<sub>x</sub>, 4.15 for CO, and 1.27 lbs for ROG. **For the purpose of defining an hour that includes a start-up, the period begins when natural gas is first introduced into the turbine and ends after 60 minutes. The worst case includes a full start-up sequence of 35 minutes, followed immediately by a turbine trip, a five minute purge period during which no fuel is burned, and the first 20 minutes of restart sequence.**

The project owner shall maintain records in a manner approved by the District to demonstrate compliance with this condition and the records shall be made available to District personnel upon request.

For the purposes of this condition, start-up shall be defined as the start-up process to bring the turbine to full successful operation.

[RULE 1703(a)(2) – PSD-BACT, 10-7-1988; RULE 2005, 5-6-2005; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]  
[Devices subject to this condition: D1, D7, D13, D19]

**Verification:** The project owner shall provide start-up and shutdown occurrence and duration data as part as part of the Quarterly Operation Report (**AQ-SC10**). The project owner shall make the site available for inspection of the commissioning and start-up/shutdown records by representatives of the District, ARB and the Commission.

**IT IS SO ORDERED.**

CERTIFICATION

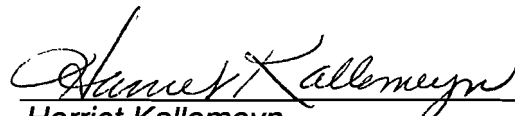
*The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of an Order duly and regularly adopted at a meeting of the California Energy Commission held on September 12, 2012.*

**AYE:** Weisenmiller, Douglas, Peterman, McAllister

**NAY:** None

**ABSENT:** None

**ABSTAIN:** None

  
\_\_\_\_\_  
Harriet Kallemeyn,  
Secretariat