



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

E-mailed: March 9, 2012
falconridge@esassoc.com

March 9, 2012

Mr. John Boccio
Falcon Ridge Substation Project
c/o ESA
225 Bush St. Suite 1700
San Francisco, CA 94104

Review of the Draft Environmental Impact Report (DEIR) for the Falcon Ridge Substation Project

The South Coast Air Quality Management District (AQMD) appreciates the opportunity to comment on the above-mentioned document. The following comments are intended to provide guidance to the lead agency and should be incorporated into the final environmental impact report (Final EIR) document as appropriate.

Construction Air Quality Impacts and Mitigation

Based on the air quality analysis summarized in Section 4.3 of the Draft EIR the proposed project would have significant regional air quality impacts. Specifically, the proposed project would exceed the AQMD's regional construction emissions thresholds for NO_x and PM₁₀. As a result, the lead agency proposed mitigation measure 4.3-1 that requires a 20% NO_x reduction and 45% PM₁₀ reduction from the project's construction equipment compared to the most recent CARB fleet average. However, the proposed project remains significant; therefore, to further reduce air quality impacts from the proposed project the AQMD staff recommends that the lead agency revise mitigation measure 4.3-1a as follows:

During project construction, all internal combustion engines/construction equipment operating on the project site shall meet EPA-Certified Tier 3 emissions standards, or higher according to the following:

- ✓ Project start, to December 31, 2014: All offroad diesel-powered construction equipment greater than 50 hp shall meet Tier 3 offroad emissions standards. In addition, all construction equipment shall be outfitted with BACT devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a

- Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations.
- ✓ Post-January 1, 2015: All offroad diesel-powered construction equipment greater than 50 hp shall meet the Tier 4 emission standards, where available. In addition, all construction equipment shall be outfitted with BACT devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations.
 - ✓ A copy of each unit's certified tier specification, BACT documentation, and CARB or SCAQMD operating permit shall be provided at the time of mobilization of each applicable unit of equipment.
 - ✓ Encourage construction contractors to apply for AQMD "SOON" funds. Incentives could be provided for those construction contractors who apply for AQMD "SOON" funds. The "SOON" program provides funds to accelerate clean up of off-road diesel vehicles, such as heavy duty construction equipment. More information on this program can be found at the following website:
<http://www.aqmd.gov/tao/Implementation/SOONProgram.htm>

For additional measures to reduce off-road construction equipment, refer to the mitigation measure tables located at the following website:
www.aqmd.gov/ceqa/handbook/mitigation/MM_intro.html.

Contact Information

Pursuant to Public Resources Code Section 21092.5, AQMD staff requests that the lead agency provide the AQMD with written responses to all comments contained herein prior to the adoption of the Final EIR. Further, staff is available to work with the lead agency to address these issues and any other questions that may arise. Please contact Dan Garcia, Air Quality Specialist CEQA Section, at (909) 396-3304, if you have any questions regarding the enclosed comments.

Sincerely,



Ian MacMillan
Program Supervisor, CEQA Inter-Governmental Review
Planning, Rule Development & Area Sources

Attachment

[IM:DG](#)

SBC120127-03
Control Number