

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



January 4, 2016

VIA MAIL AND EMAIL

Mr. Jack Horne
Regulatory Affairs, Infrastructure Licensing
Southern California Edison Company
2244 Walnut Grove Avenue, G.O.4, 2nd Floor, 235F
Rosemead, CA 91770

SUBJECT: Data Request #1 for the Southern California Edison Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project

Dear Mr. Horne:

As the California Public Utilities Commission (CPUC) proceeds with our environmental review for Southern California Edison (SCE)'s Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project (Proposed Project), we have identified additional information required in order to adequately conduct the CEQA review. Please provide the information requested below (Data Request #1) by January 19, 2016. Please submit your response in hardcopy and electronic format to me and also directly to our environmental consultant, Environmental Science Associates (ESA), at the physical and e-mail addresses noted below. If you have any questions please direct them to me as soon as possible.

Sincerely,

Connie Chen
CPUC CEQA Project Manager
Energy Division
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102
Connie.chen@cpuc.ca.gov

ESA
Attn: Matthew Fagundes
1425 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
mfagundes@esassoc.com

Data Request #1

Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project

Project Description

Confidential – Regional System Maps – the following response will be confidential because it contains Critical Electrical Infrastructure information.

1. **Confidential – Regional System Maps – the following response will be confidential because it contains Critical Electrical Infrastructure information.** Provide regional system maps showing all relevant information about substations, transmission lines, subtransmission lines and distribution circuits for the area encompassed by both the Mira Loma – Jefferson Study area and the Electrical Needs Area shown on Figure 1-1 of the PEA.
2. **Confidential – Load and Power Flow Data - the following response will be confidential because it contains Critical Electrical Infrastructure information.** Provide relevant load and power flow data for the substations, transmission lines, subtransmission lines and distribution circuits for the area depicted on the regional system maps as described above (DR#1 – 1).

Air Quality

3. Provide the CalEEMod output sheets for the simulation run(s) used to estimate the criteria pollutant and greenhouse gas emission factors for off-road construction equipment.
4. Applicant Proposed Measure (APM)-AIR-02 identified on PEA page 4.3-17 would require off-road diesel construction equipment with ratings between 100 and 750 horsepower to achieve U.S. Environmental Protection Agency (USEPA) Tier 3 non-road engine emissions standards. PEA Attachment 4.3-A, Section 1.1.1, indicates that emissions associated with mitigation to require all pieces of equipment to comply with Tier 3 specifications were estimated. Clarify whether or not the simulated mitigated emissions were estimated assuming all pieces of off-road equipment would adhere to Tier 3 standards, as opposed to only the pieces of equipment with engines of size greater than 100 horsepower, as indicated in APM-AIR-02.

Greenhouse Gas Emissions

5. PEA Section 4.7.4.1 indicates that the circuit breakers that would be installed at Circle City Substation would contain 0.00 metric tons sulfur hexafluoride (SF₆). Please provide the total combined SF₆ capacity of the circuit breakers in pounds and the annual leakage rate.
6. PEA Section 3.2.2.5 indicates that a new circuit breaker would be added to an existing switch rack position at Mira Loma Substation. Confirm whether or not this proposed new circuit breaker at Mira Loma Substation would contain SF₆, and if it would contain SF₆, provide the capacity in pounds.

Public Services

7. Provide in text references for information in the setting section.

Utilities and Service Systems

8. Provide in text references for information in the setting section.
9. Provide diversion rates for waste streams.
10. Provide Title 22 information (if available or applicable). If Title 22 information is not applicable, explain why.

Public Outreach

11. Provide the mailing lists with addresses presented in Appendix E of the Application in Microsoft Excel format.