

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



April 24, 2012

VIA MAIL AND EMAIL

Christine McLeod
Project Manager - Regulatory Affairs
Regulatory Policy & Affairs Dept.
Southern California Edison
2244 Walnut Grove Avenue, Quad 3D, 388L
Rosemead, CA 91770

SUBJECT: Data Request #9 for the Southern California Edison Presidential Substation Project

Dear Ms. McLeod:

As the California Public Utilities Commission (CPUC) proceeds with our environmental review for Southern California Edison (SCE)'s Presidential Substation Project (Proposed Project), we have identified additional information required in order to complete the Final EIR for the Proposed Project. Please provide the information requested below (Data Request #9) by May 11, 2012. Please submit your response in hardcopy and electronic format to me and also directly to our environmental consultant, 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,

Juralynne Mosley
CPUC CEQA Project Manager
Energy Division

Phone: (415) 703-2210
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ESA
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Petaluma, CA 94954
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Data Request #9 Presidential Substation Project

1. Please confirm (or provide corrected information) that existing Potrero Substation transformers are in the process of being replaced and the new units will have transformer ratings of 28 MVA top rating (PLL 36.4 MVA) however, the existing transformer breakers and bank leads will continue to limit the substations capability to the current 128.9 MVA and there are no plans to upgrade the bank leads and breaker.

2. If System Alternative B was revised to include the expansion of the three existing ENA Substations (Potrero, Thousand Oaks, and Royal), discuss the technical feasibility issues/constraints at each substation. Such an alternative would assume that the existing transformer banks would continue to be used but each substation would add a third bank similar in design to existing transformer banks (i.e. two back to back transformers each rated 28 MVA @65C rise OA/FA/FA, PLL rating 36.4MVA). Also assume expansion would be restricted to within existing substation property and would not require all three expansions (if feasible) to occur at the same time. Address changes and work necessary to accommodate third transformer bank, including:
 - Necessary expansion of the 16kV switchrack to accommodate up to an additional five 16kV circuits.
 - Necessary changes/additions to 16kV get away lines and cables.
 - 69kV bus and upstream transmission upgrades required.
 - Any other physical/electrical issues that may need to be addressed to accomplish the expansion.