

STATE OF CALIFORNIA
PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

Edmund G. Brown Jr., *Governor*



June 25, 2015

Susan Nelson, Project Manager
Regulatory Affairs Department
Southern California Edison
8631 Rush Street, General Office 4 – G10Q (Ground Floor)
Rosemead, CA 91770

Re: Data Request No. 1 Follow Up for the Mesa 500-kV Substation Project (CPUC Proceeding A. 15-03-003)

Ms. Nelson:

Upon further review of Southern California Edison's Proponent's Environmental Assessment (PEA) and responses to Data Request #1 for the Mesa 500-kV Substation Project, the Energy Division requests the information contained in Attachment 1 to this letter. In an effort to expedite scheduling per SCE's request, we request that the responses to this item be provided to us within 14 days.

The Energy Division reserves the right to request additional information at any point in the process. Questions relating to the Mesa 500-kV Substation Project should be directed to me at (415) 703-1966 or lisa.orsaba@cpuc.ca.gov.

Sincerely,

MJ Orsaba

Lisa Orsaba,
California Public Utilities Commission
Energy Division

CC: Nicolas Sher, CPUC Legal Division
Claire Hodgkins, Ecology and Environment, Inc.

Attachment 1: Data Request #1 Follow Up

Item #	Reference/ Page #	Title	Request
DR#01 Q.04-01	PEA, 3.0 Project Description, Section 3.5, Page 3-2	Conversion of Street Light Source Line	Describe any lane closures or lane reductions that may be needed in order to complete construction activities associated with the conversion of the street light source line in the City of Bell Gardens.
DR#01 Q.5-01	PEA, 3.0 Project Description, Table 3-7	Helicopter staging	In response to Q. 14 SCE added three additional staging yards that may be used during construction. The PEA states that "helicopters may use the potential staging yard locations, as needed." Please confirm whether SCE may use any of the additional staging areas to stage helicopters for sock line threading.
DR#01 Q.07-01	PEA, 3.0 Project Description, Section 3.7	Backfilling material from Structure Removal	Clarify if backfill material would be stored at the proposed staging areas in addition to the areas identified within the proposed substation boundaries.
DR#1 Q.08-01	PEA, 3.0 Project Description, Section 3.7	Trenchless Techniques	The proposed jacking or receiving pit on the north side of Potrero Grande Dr. would be in the proximity of a medical care facility (Care1st Health Plan 601 Potrero Grande Drive). In addition, the proposed jacking or receiving pit on south side of Potrero Grande Dr. would be in the proximity of the closest residential receptor identified in Response to Question #43 (527 Potrero Grande Drive) and the Best Western Markland Hotel. Provide the anticipated duration for the jack-and-bore activities, the estimated levels of noise and vibration, and the estimated air pollutant emissions associated with trenchless construction (jack-and-bore and HDD activities). Describe any applicant proposed measures to reduce potential impacts on nearest sensitive receptors. Clarify if any of the activities associated with trenchless construction would occur during evening hours.
DR#01 Q.10-01	PEA Table 3-7	Wood Pole removal	Table 3-7 of the PEA lists 46 wood poles as part of the proposed project telecommunication line features, which would involve approximately 6.6 acres of temporary disturbance. However, in comparing Table 3-7 with the GIS data provided by SCE, it is not clear as to whether the disturbance associated with wood poles has been counted as part of the overall pole replacement impacts layer. Clarify if Table 3-7 includes the removal and replacement of 46 wood poles. If the removal of poles was considered as part of the land disturbance estimates, provide a revised version of Table 3-7 and associated set of GIS files that are consistent with SCE's current plan for proposed work on the telecommunication lines.

DR#01 Q.14-01	PEA, 3.0 Project Description, Table 3-7	Staging Yards	Provide the anticipated timeframe for submitting the survey data for the three additional staging yards provided in SCE's response to Q.14.
DR#01 Q.18-01	PEA, 4.1 Aesthetics, p.4.1-64, footnote 2	Coloring of LSTs	In response to Q.18 SCE states that "The use of any stain or powder coating applied to an exterior surface that may be used to modify the color of steel for LSTs prior to tower assembly would result in the same electrical impedance concern as does the use of paint." However, commercially available darkening stains have been used successfully on galvanized transmission structures. Provide information to support your claim that these stains would result in electrical impedance. In addition, provide examples (photos, locations) of the application of the modified galvanizing process resulting in darker shading of steel described in the response to Q.18.
DR#01 Q.19-01	PEA, 4.1 Aesthetics, p.4.1-65	Vegetation Removal and Planting Areas	SCE states that it intends to replace the 15-20 foot tall street trees with low ground cover and smaller shrubs. However, KOPs 1 and 4 show street trees along Potrero Grande Drive rather than ground cover and smaller shrubs. Based on this statement, provide revised visual simulations for KOPs 1 and 4 that show this.
DR#01 Q.36-01	PEA, Appendix Water Study	Water Study	Provide the annual quantity (in acre-feet) of water currently being used for operation of the existing Mesa Substation.
DR#01 Q.39-01	Deficiency Response PD-01	Structures to be constructed per phase	Response to Question Q.40 indicates that 46 wood poles would be constructed during Phase 1 of the Mesa Substation construction and includes a footnote indicating that "the total quantity of telecommunication wood poles to be replaced under this Project is <i>likely</i> to be reduced to zero." This statement is not consistent with Response to Question Q.10. Please clarify any uncertainties in the number of wood poles that may need to be constructed.