

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



December 23, 2009

VIA MAIL AND EMAIL

Mr. Ryan Stevenson  
Regulatory Policy and Affairs Department  
Southern California Edison  
2244 Walnut Grove Avenue, Quad 3D, 388K  
Rosemead, CA 91770

Re: Data Request Number 1 for the Southern California Edison Company (U 338-E) for a Permit to Construct Electrical Facilities with Voltages between 50 kV and 200 kV: Mascot Substation Project

Dear Mr. Stevenson:

As the California Public Utilities Commission (CPUC) proceeds with our review of Southern California Edison's (SCE) Application and Proponent's Environmental Assessment (PEA) for the Mascot Substation Project, we have identified additional information required to complete our analysis of the Proposed Project. Please provide the information requested on the pages attached to this letter.

Due to the holidays, we would appreciate your prompt response to this data request by January 13, 2010 which will help us maintain our schedule for analysis and processing of this application. Please submit your response in hardcopy and electronic format to me and also directly to our environmental consultant, ESA, at the mail and e-mail addresses noted below. If you have any questions please direct them to me as soon as possible at (415) 703-5595.

Sincerely,

Monisha Gangopadhyay  
Project Manager for the Mascot Substation Project  
Energy Division Transmission Permitting Branch

cc: Ken Lewis, CPUC  
Jason Reiger, CPUC Legal Division  
Maryam Ebke, CPUC ALJ  
Michael Manka, ESA

## Data Request #1

### Project Description

#### *Substation*

1. The PEA describes ultimate build out of the substation being 112 MVA, which is double the size of the proposed project. Is this build out in the foreseeable future (i.e., next five years)? Is ultimate build out likely to require any additional 66 kV source lines?

#### *Subtransmission lines and Distribution Circuits*

2. Provide information regarding the routing and location of the four 12 kV distribution circuits. Specifically:
  - a. 12 kV distribution circuit routed north along 7 ½ road
    - i. Where would the ductbank terminate;
    - ii. Would the ductbank be constructed within the existing road, or elsewhere; and
    - iii. Would any vaults be required, if yes, approximately where?
  - b. 12 kV distribution circuit routed east on Grangeville Boulevard
    - i. Where would the ductbank terminate;
    - ii. Would the ductbank be constructed within the existing road, or elsewhere; and
    - iii. Would any vaults be required, if yes, approximately where?
    - iv. If the termination of the ductbank would be west of Route 43, describe construction methods for installing ductbank underneath Route 43.
  - c. Two 12 kV distribution circuit routes west on Grangeville Boulevard
    - i. Confirm that both circuits would be in one ductbank.
    - ii. Where would the ductbank(s) terminate;
    - iii. Would the ductbank(s) be constructed within the existing road, or elsewhere; and
    - iv. Would any vaults be required, if yes, approximately where?

If exact ductbank termination points are not available at this time, the CPUC requests that SCE conservatively estimate the location so that impacts may be assessed for the longest ductbank route likely to occur. In addition to the information bulleted above, provide an updated Table 3.4 of the PEA to include estimated land disturbance associated with ductbank construction, and if necessary update Table 3.5 (Construction Equipment Use Estimates) as it is unclear whether the ductbank construction description includes distribution circuit ductbank construction as well as telecommunications ductbanks.

3. Provide minimum sag height requirements for the proposed 66 kV subtransmission line connecting the substation to the Hanford-Liberty 66 kV subtransmission line.
4. Describe the finish to be used on the TSPs. For example: dulled galvanized finish.

## **Construction**

### *Soil fill and disposal*

5. Provide location, source and character of the new clean fill to be used at the proposed substation site. If exact source locations are not available, provide two to four likely source locations with distances to the substation site.
6. Describe any testing of source soil to be conducted.
7. Define “Off-peak” hours for traffic and transportation purposes.

## **Cumulative Effects**

8. Provide a list of other SCE projects in the Electrical Needs area.