PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

July 25, 2013 VIA MAIL AND EMAIL

Christine McLeod
Principal Advisor - Regulatory Affairs Dept.
Southern California Edison
8631 Rush Street, General Office 4 - G10Q (Ground Floor)
Rosemead, CA 91770

SUBJECT: Data Request #12 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 consider our next actions on the CEQA review for the Proposed Project. Please provide the information requested below (Data Request #12) by August 8, 2013. 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

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ESA
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Data Request #12
Presidential Substation Project

1. In addition to the System Alternative A project components described in the Draft and Final EIR, SCE lists other actions that would be required under this alternative in Data Response #11 and a memo provided by SCE on July 18th, 2013. For each of these additional actions (listed below), please confirm (or refute) and provide the reasoning why this action would be required, and respond to any additional questions posed in this data request.

    a. **Newbury Substation:** Additional distribution circuit in 2022. This work is already identified in SCE's 2013-2020 Peak Demand Forecast but would be needed in the ten year planning horizon for System Alternative A. Provide a description of the work required to establish the circuit.

    b. **Oak Park Substation:** New 16 kV distribution circuit in 2018. The current footprint of the existing substation does not allow for the installation of the wrap-a-round bus without removing trees, grading, and expanding the wall/fence of the substation. This work is already identified in SCE's 2013-2020 Peak Demand Forecast but would be needed in the ten year planning horizon for System Alternative A. No capacity upgrades would be required. Please provide a diagram or other description indicating the area involved in the work.

    c. **Santa Susana Substation:** No work required.

    d. Malibu Substation:

        i. New 66 kV capacitor bank in 2019.
        ii. Bank upgrade in 2020 including a new 28 MVA transformer, capacitor bank, and second 16 kV operating bus.
        iii. Do either of the above actions require substation expansion? If so, provide details as to construction related issues and requirements.

    e. Construct a new **Moorpark - Valdez 66 kV Subtransmission Line** from Moorpark Substation to Valdez Substation in 2020. SCE would likely propose this new 66 kV subtransmission line to follow the route of the existing Moorpark - Royal No. 1 66 kV Subtransmission Line from Moorpark Substation to Royal Substation (approximately 8.5 miles). New conductor and facilities would be installed or existing idle conductor would be reused along the portion of the existing Moorpark - Royal No. 2 66 kV Subtransmission Line from Royal Substation to Royal Avenue (approximately 1 mile). New conductor and facilities would be installed along the existing Moorpark - Shelline - Valdez 66 kV Subtransmission Line (approximately 16 miles) from Royal Avenue to Valdez Substation.

        i. Data Response #11 provides a description of the route for the new Moorpark - Valdez 66 kV Subtransmission Line. However, this description is insufficient for CPUC to fully map out the proposed line. To the extent that it is known, please provide a more detailed description of the exact route this line would follow, and/or a map of the route. If exact routing is unknown at this time provide additional information on the approximate route.

f. Reconductor a portion of the existing **Moorpark – Royal No. 2 66 kV Subtransmission Line** in 2020. The portion of this line to be reconductored is located along First Street from Los Angeles Avenue to Royal Substation and is approximately 3,000 feet in length.

   i. Data Response #11 provides a description of the route for the reconductoring of the Moorpark – Royal No.2 66 kV Subtransmission Line. However, this description is insufficient for CPUC to fully map out the proposed line. To the extent that it is known, please provide a more description of the exact route this line would follow, and/or a map of the route.
   ii. Please provide details about what construction the reconductoring would require.

g. **Valdez Substation:**
   i. New 16 kV distribution circuit in 2020. This work is already identified in SCE's 2013-2020 Peak Demand Forecast but would be needed in the ten year planning horizon for System Alternative A. Please provide details regarding required construction.

   ii. Rearrange existing sections of line of three 16 kV distribution circuits out of Valdez Substation in 2020, to complete the proposed Moorpark - Valdez 66 kV Subtransmission Line:

      1. Rebuild approximately 3/4 mile of existing overhead vertical configuration circuit to horizontal configuration circuit along the south side of the Ventura Freeway (SR-101) approximately west of Ramada Boulevard extended on one circuit.
      2. Rearrange approximately 1.5 miles of existing overhead horizontal configuration circuit as vertical configuration circuit along Calabasas Road from approximately Parkway Calabasas to approximately Crummer Ranch Road on a second circuit.
      3. On a third circuit, rearrange approximately 1 mile of existing overhead vertical configuration circuit as horizontal configuration, and convert approximately 1.5 miles of existing overhead vertical configuration circuit to horizontal configuration, and convert approximately 3/4 miles of existing overhead vertical configuration to horizontal configuration between the Ventura Freeway (SR-101) and Calabasas Road from approximately Park Granada extended to approximately Las Virgenes Road. This work would be performed in Calabasas and Los Angeles County.

   iii. Data Response #11 provides a description of the routes of the three distribution circuits described above. However, these descriptions are insufficient for CPUC to fully map out the proposed routes. To the extent that it is known, please provide a more description of the exact route this line would follow, and/or a map of the route.

h. **Thousand Oaks Substation**: New 16 kV distribution circuit in 2019. To what extent will this effort require work external to the substation? If so please describe such work.

i. **Potrero Substation**: Replace Type U bushings on the No. 1 Transformer Bank and 16 kV switches in 2019, to achieve the approximate ultimate PLL rating.

2. Based on Data Response 11 and recent discussions it is understood that all of the above actions would be required if Presidential Substation were not developed and System Alternative A were adopted in its place. However, in Data Response 11, Q.03A and Q.03E, SCE includes the following disclaimer pertaining to work that would be done at Newbury, Oak Park, and Valdez substations: "*Denotes work already identified in SCE's 2013 – 2022 Peak Demand Forecast but needed in the ten year planning horizon for this System Alternative A scenario (including the additional work identified in this data request set) as well."

   a. Does this mean that these upgrades would occur irrespective of construction of System Alternative A? If so, please indicate which ones, and when each action would be required.

   b. Would any of the other actions described in Question 1, above, occur irrespective of construction of System Alternative A? If so, please indicate which ones, and when each action would be required.

   c. Would any of the actions described in Question 1 be required under an alternative that involves construction of the Presidential substation? If so, please indicate which ones, and when each action would be required.

3. Would any additional upgrades not in SCE Data Responses 10 or 11, or in the Draft or Final EIR, be required under System Alternative A? If so, please provide additional information based on SCE best engineering judgment regarding what physical changes that would be required to implement System Alternative A, within the ENA and outside the ENA.