

Southern California Edison
Lakeview A.10-09-016

DATA REQUEST SET Lakeview ED-02

To: ENERGY DIVISION
Prepared by: Kristin Kelly
Title: Project Manager
Dated: 07/26/2011

Question 01:

The project proposes the use of concrete for multiple purposes and in multiple locations, but there is no mention in the PEA of a concrete batch plant or of another way to supply this material to the site.

- a. Is use of a temporary batch plant proposed? If so, where would it be located? Where would be raw materials come from? How much water would be required?
- b. If no batch plant is proposed, what is the maximum reasonable travel distance that would be required to get concrete to the project site? What travel route(s) are likely to be used? How many trips reasonably would be anticipated?

Response to Question 01:

SCE will not be utilizing a batch plant for Substation, Subtransmission, or Telecommunications Construction for the proposed project. Concrete will be brought in by truck from a commercial supplier within a 30-mile radius of the project site.

Substation Construction: PEA Appendix C- Air Quality Calculations, Table C-1, Motor Vehicle Categories and Numbers, Section Substation Civil, states, *based on total of 445 CY concrete poured (Table 3.1) over 5 days and 10 CY/truck: $445/5/10 = 9$ truck trips per day (round trip).*

Subtransmission Construction: PEA Appendix C-Air Quality Calculations, Table C-1, Motor Vehicle Categories and Numbers, Section Subtransmission TSP Foundations Installation, states, *based on pouring 8' diameter x 40' deep (PEA Table 3.2) = 74.5 CY foundation and 10 CY truck: $74.5 / 10 = 7.5$ truck trips per day (round trip).*

Telecommunications Construction: Estimates 300 CY of concrete and 10 CY Trucks. 4 Trips Per Day for a Duration of 7.5 Days.

Page 4.16-2 of the PEA explains that there are no designated California State Highway truck routes through the community of Lakeview/Nuevo and that Highway 74 is the closest designated truck route. To the extent feasible, SCE would utilize designated truck routes for materials delivery, where such routes are mapped.

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Prepared by: Rosalie Barcinas
Title: Project Manager
Dated: 07/26/2011

Question 02:

The PEA states, “The exact location and routing of each of these proposed 12 kV distribution circuits have yet to be determined.... The detailed design of the initial 12 kV distribution circuits would be completed approximately 12 months prior to the operating date of the Proposed Project.”

- a. Please identify a reasonable study area (e.g., an XX-mile radius) within which distribution circuits could be constructed.

Response to Question 02:

As described in Section 3.1.1.12 of the PEA, SCE's project consists of two distribution getaways. This section also describes how the distribution circuit design is not yet complete, thus the distribution circuits are outside the scope of the project.

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Question 03:

Concerning the proposed access road work, the PEA states, “Any excess excavated material from grading the access roads would be properly disposed of offsite.”

- a. What is the maximum reasonable volume of material that could require off-site disposal?
- b. How many truckloads would be required to transport this amount?

Response to Question 03:

PEA Appendix C-Air Quality Calculations, Table C-3, Estimating Soil Handling and Storage Pile Surface Areas, states the maximum amount of potential soil removal. PEA Appendix C-Air Quality Calculations, Table C-1, Motor Vehicle Categories and Numbers, states maximum number of truck trips per day. PEA Appendix C-Air Quality Calculations, Table C-2, Motor Vehicle Daily Vehicle-Miles-Traveled, states mileage in truck trips.

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Question 04:

The PEA states, “At the time of construction, the aggregate base would be imported from an approved site.”

- a. What is the maximum reasonable distance this material would have to be transported to reach the site?
- b. How many truckloads are anticipated?

Response to Question 04:

PEA Appendix C-Air Quality Calculations included the following information:

- a. Aggregate base will be brought in by truck from a commercial supplier within a 30-mile radius of the project site.
- b. Based on the anticipated 4,000 CY of aggregate base needed for the proposed project and 10 CY truck:
 $4,000 / 10 =$ approximately 400 truck trips.

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Question 05:

Concerning the proposed laydown areas, this information was provided in the PEA on page 3-25 (in the context of TSPs) and page 4.9-9. Please confirm: Up to XX laydown areas would be required, each no larger than 20,000 square feet (typically 200 feet by 100 feet). Soils in the laydown areas would be stabilized as soon as practical after soil disturbing activities have occurred or one day prior to the onset of precipitation.

- a. What maximum reasonable number of laydown areas would be required?
- b. What soil disturbing activities would occur? For example, would site prep, such as vegetation removal or grading, be required?

Response to Question 05:

Up to 90 laydown areas would be required for the approximate 17 Tubular Steel Poles (200' x 100') and 73 Wood Poles (150' x 75') for the proposed project as referenced in the PEA, Land Disturbance Table (Table 3.4 under the 115 kV Subtransmission Source Lines Construction section). For Site Preparation, please see Section 3.2.2.1, Site Preparation of the PEA.

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Question 06:

Abandoned well: The Phase I (PEA Appendix E) recommends proper abandonment of water well located on the Project site. Please confirm whether SCE is proposing to abandon the well as part of the project in accordance with DWR regulations and a well destruction/abandonment permit from the Riverside County Department of Environmental Health. If so, please describe what, if any, ground disturbance and/or equipment use would be required for this purpose.

Response to Question 06:

For safety and liability purposes, the water well located on the proposed substation site was abandoned in August of 2010. A well drilling permit was obtained from the Riverside County Community Health Agency Department of Environmental Health for the purposes of well abandonment.

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Question 07:

Wood pole installation: The PEA provides disturbance estimates associated with the use of an auger for installation of wood poles. The discussion also says that excavation may occur by use of backhoe equipment in lieu of an auger to expedite installation. A backhoe would result in a greater area of disturbance than an auger. Please confirm that a backhoe would not be used for this purpose, or provide disturbance estimates based on backhoe use.

Response to Question 07:

The use of a Backhoe as compared to the use of an Auger when digging for Wood Pole installations would not affect the overall temporary (150' x 75') and permanent (3.7 acres) land disturbance, per the Estimated Land Disturbance (Table 3.4) in the PEA. The temporary land disturbance encompasses all construction activities needed to install Wood Poles; it is not limited to the digging for pole installation only.

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Question 08:

Water use:

- a. The PEA states, “The use of water during construction (for dust suppression) and operation would be minimal, and would not be in volumes or flow rates that would affect water treatment plant capacities.” Please provide a reasonable maximum volume of water that could be required for this purpose. Please estimate the maximum number of water trucks that would be required per day to transport water for this purpose. Please also confirm that well water will not be used to fill the trucks.
- b. The PEA states, “Landscaping and irrigation would be established around the full perimeter of the substation after the perimeter wall is constructed and water service is established.” Is water service expected to be established during the construction period? If not, approximately when is service expected to be installed? Please estimate the maximum reasonable volume that would be required for this purpose and confirm the supply.

Response to Question 08:

Water for this site will be obtained from a local vender. PEA Appendix C-Air Quality Calculations, Table C-1, Motor Vehicle Categories and Numbers, Air Quality Calculations, section Subtransmission Roads and Landing Work, states, *based on 32,000 gal/day and 4,000 gal/truck: $32,000 / 4,000 = 8$ truck trips per day (round trip)*. Well water will not be used for this project.

Depending on the construction schedule for the substation the perimeter wall may be erected at the beginning of the project or later in the overall substation construction schedule. In either case, the landscaping and irrigation would not be installed until the areas to receive landscaping are protected from all other site construction activity. As a normal practice SCE would not install the landscaping at the site until all substation related construction has been completed.

According to the Nuevo Water Company, there is domestic water available at the intersection of Reservoir and 10th Streets adjacent to the proposed substation site. This line should allow for the connection of the substation irrigation system pending approval of a landscaping plan by The County of Riverside. According to “County of Riverside Guide to California Friendly Landscaping” the

landscaping for Lakeview Substation would be in keeping with the Water Budget Formula described in the guide. Estimating the volume of water required per day would depend on the landscaping chosen and on seasonal variations. Without the preparation of formal landscaping plans and consultation of the County it is not possible at this time to determine a maximum volume. SCE would pursue the maximum compliance with the County's landscaping requirements to insure that landscaping can be adequately maintained around the substation while using the minimum amount of water possible.

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To: ENERGY DIVISION
Prepared by: Robert Buniatyan
Title: Engineer
Dated: 07/26/2011

Question 09:

Decommissioning the Model Pole Top: The PEA states, “there may be the need for minimal amounts of dirt to be imported to the site.” Please estimate the maximum volume of material that reasonably could be expected to be imported to the site, and how many truck trips would be associated with its transport.

Response to Question 09:

The total maximum amount of dirt that could be imported to the Model P.T. site is 340 cubic yards. This transport would take approximately 24 truck trips with each truck trip capable of transporting 14 cubic yards.