Alberhill System Project Data Gap Requests 03/22/12

DG#	Resource Area / Topic	Source / PEA Page	Data Gap Question	Request Date	Reply Date	Status	Notes
4.1.1	Project Objectives, Electrical Needs Area	Response to Data Request 4.1 / PEA page 1-13, PEA Figure 1.1	The CPUC finds that the proposed Alberhill Substation could be located outside the Substation Target Area but within the Electrical Needs Area (PEA Figure 1.1) and still reasonably satisfy most of the seven basic project objectives (PEA p. 1-13). SCE's response to Data Request 4.1 states that an "Electrical Needs Area" is a subsection of a "System" or "Systems" that has been identified with electrical needs. SCE states that a "System" is a well-defined, already established portion of SCE's service territory. SCE further states that the proposed Alberhill System has a specific Electrical Needs Area. Therefore, the CPUC assumes that the Electrical Needs Area for the proposed project is a subset of and no larger than the proposed Alberhill 115-kV System service area. Refine the Electrical Needs Area defined in PEA Figure 1.1 to be specific for the proposed Alberhill 115-kV System service area as defined in response to Data Requests 4.2 and 7.4. In addition, define the current Valley South 115-kV System service area (on PEA Figure 1.1 or similar), which the CPUC assumes is larger than the Electrical Needs Area to be served by the proposed Alberhill 115-kV System.	03/22/12		New	Data Responses 4.1, 4.2, 7.4, and 8.1 and PEA Figure 1.1 and basic objectives are attached.
10.2.1	Project Description, Santiago Peak Communications Site	Ch. 3, Data provided by SCE on 3/6/12 by email, Appendix H (Air Calculations)	a. Confirm that the following statement is accurate and specify the length of service interruptions. a. Work on the Santiago Peak communications tower is expected to be completed on 12 days over the course of four weeks and would be scheduled depending on weather. Lowering of the two existing dish antennas and installation of the two new antennas would be performed during off-peak electrical demand periods because electrical service interruptions would occur. The interruptions in service could occur on each of the 12 days and last for up to [ ] hours each. b. Describe the extent of electrical outages that would be expected and the approximate times of day and year that the outages are likeliest to occur. c. Would work on the communications tower only occur during daylight hours?	03/22/12		New	
10.2.2	Project Description, Telecommunications	PEA Appendix H (Air Calculations), Updated	a. In PEA Appendix H, "Air Quality Calculations," do PEA Table 42 (Telecommunications Construction Tower Foundation), PEA Table 43 (Telecommunications Construction Tower Construction), PEA Table 44 (Telecommunications Construction Dish Installation), and PEA Table 45 (Telecommunications Construction Control	03/22/12		New	

Alberhill System Project Data Gap Requests 03/22/12

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		by Data Gap Response 12.09	Building) refer to construction at the proposed Alberhill Substation site or at the Santiago Peak communications site (DG 12.09 Tables 45, 46, 47, 48). b. Does Table 45 refer to the proposed Alberhill Substation control building or a separate control building? c. Does PEA Table 46 (Telecommunications Construction Overhead Communications Installation) refer to overhead telecommunications installations only on the proposed 115-kV line subtransmission segments? If Table 46 also refers to 500-kV line telecommunications installations, create a separate table for the 500-kV telecommunications work.				
10.2.3	Project Description, Santiago Peak Communications Site	Ch. 3, Data provided by SCE on 3/6/12 by email	• A sheet of Santiago Peak communications tower installation options was provided by email on March 6, 2012 (see attached). Confirm that Option 0 (see attached) is currently proposed. • To what extent is it expected that during final engineering Option 1 would be selected (see attached). Option 2? Option 3? Option 4? • If Option 2 may be selected, confirm whether foundation work that would require excavation or grading would be required. Provide further information about the extent of excavation or grading that would be required, if any. • If Options 3 or 4 may be selected, provide information about the extent of ground disturbance, construction methods, tower height, and SCE consultation with the U.S. Forest Service (USFS) regarding permitting processes and survey requirements. Indicate where permitting or survey requirements would differ between Options 3 and 4. • If Option 4 may be selected, and work may not fit within the existing fence line, provide a map showing the Santiago Peak Communications Site boundary and indicate on the map where new tower components would be installed within the boundary and outside the boundary. • The number of dish antennas to be installed or that could be installed appears to vary based on the option selected. The current proposal is to install only two new dishes on one existing communications tower at the Santiago Peak communications site. Explain why seven dishes are listed for Options 1, 2, and 3, ten dishes for Option 3 and 14 dishes for Option 4. b. How many new dishes would be installed as part of the proposed Alberhill System Project and how many new dishes could be installed as part of a future project after the construction of Options 0, 1, 2, 3, or 4?	03/22/12		New	Attachment: Santiago Peak tower install options

Alberhill System Project Data Gap Requests 03/22/12

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10.2.4	Project Description, Santiago Peak Communications Site	Ch. 3, Data provided by SCE on 3/6/12 by email	• Provide the results of USFS consultation for work to be completed at the Santiago Peak Communications site as part of the proposed project. c. If the USFS requires surveys, the survey results may be requested as part of a subsequent data request. Visual simulations may also be requested.				
12.1.2	Purpose and Need, Valley South Demand	Data Response 12.1	• For the Valley South 115-kV System, provide the recorded peak demand in megavolt amperes for 2011 and update the attached table through 2021.	03/22/12		New	Attachment: SCE Load Data 2011-2020
12.9.4	Transportation and Traffic	Section 4.15, Data Response 12.9 and 12.17	a. Provide a Traffic Impact Analysis (TIA) prepared as specified by the County of Riverside Traffic Impact Analysis Preparation Guide (2008). After submittal of the amended PEA in 2011, additional project description data was provided. Data Response 12.9 (December 2011) indicates that 5,000 to 6,000 dump truck loads of soil would be imported to the proposed Alberhill Substation site from Corona, CA. Data Response 12.17 (February 2012) indicates that four additional staging areas may be needed, one of which would be located east of Interstate 215 near Valley Substation. This new data substantially expands the geographical area that would be impacted by construction traffic. The probable routes to be used by construction traffic are not clear and the number of vehicles to access each probable route has not been provided. - According to the County's TIA Preparation Guide, which is also used by the City of Lake Elsinore's Traffic Engineering Department, the Alberhill System Project is not exempt from preparing a TIA for the following reasons: 1. TIAs are required for projects with peak hour trips in excess of 200. Based on the number of vehicles listed in the Air Quality Calculations (PEA Appendix H) and the estimated 100 workers that would commute to the proposed substation site and/or staging areas daily and with the addition of trucks required to import 80,000 cubic yards of soil more than 500 one-way (passenger car equivalent, 2.5 cars = 1 truck) trips could occur during peak hours. 2. TIAs are required for projects that would be constructed in an environmentally or otherwise sensitive area or in an area that is likely to generate public controversy. As stated in the PEA on page 4-46, impacts on air quality are	03/22/12		New	See attached County of Riverside TIA Preparation Guide (2008)

Alberhill System Project Data Gap Requests 03/22/12

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			expected to be significant. In addition, impacts on visual resources may be significant because Interstate 15 is an Eligible State Scenic Highway (Caltrans 2012). 3. TIAs are required when a nearby street operates at a Level of Service (LOS) lower than D. Traffic on segments of Lake Street and Mission Trail Road that would be impacted by the proposed project operate at LOS E or below (County of Riverside 2008, City of Lake Elsinore 2005, 2011). In addition, the County's TIA Preparation Guide notes that traffic impacts are considered "significant" under CEQA when existing traffic conditions exceed the general plan target LOS. For Riverside County, the target LOS is C and for the City of Lake Elsinore, the target LOS is D. b. Include analyses in the TIA for accessing each component of the proposed project including the proposed quarry (Corona Rock and Asphalt, 1709 Sherborn Street, Corona, California [Data Response 12.9]) and/or alternate quarries or combinations of quarries. c. Data Response 12.17 presents three "preferred" and three "alternate" staging areas. Include analyses in the TIA for use of the preferred staging areas and each combination of preferred and alternative staging areas that may be used (e.g., use of the Preferred 500-kV staging area, Preferred 115-kV staging area near Valley Substation, and Alternate 115-kV staging area near Skylark Substation). If more than three or up to all six staging areas may be used, include analyses for these combinations as well. References: - Caltrans (California Department of Transportation). 2012. Riverside County. http://www.dot.ca.gov/hq/LandArch/scenic_highways/index.htm. Accessed March 13, 2012. - City of Lake Elsinore Traffic Engineering. 2005. Existing Average Daily Traffic. http://www.lake-elsinore.org/index.aspx?page=153. Accessed March 13, 2012. - City of Lake Elsinore. 2011. City of Lake Elsinore General Plan Update Final Recirculated Program Environmental Impact Report (SCH# 2005121019). December 13. - County of Riverside. 2008. County of Riverside General Plan: Chapter 4, Circulation Element. December.				