Alberhill System Project Data Gap Requests 03/28/12

DG#	Resource Area / Topic	Source / PEA Page	Data Gap Question	Request Date	Reply Date	Status	Notes
5.4.1	Helicopter Use	Data Responses 5.4, 7.65, 7.67, 9.4, 12.17, PEA Appendix F, PEA Section 3.2.1.3 (Staging Yards), PEA Section 3.2.3.6 (Helicopter Use), PEA Section 3.12 (Project Operation)	a. PEA Appendix F specifies that one helicopter (e.g., a Hughes 500E) would be used for up to 6 hours per day for 2 days. Data Response 7.67 indicates that one or all of the 500-kV structures may require the use of helicopters in their construction. Other data responses indicate that only ground-based construction methods are likely to be used and that helicopters would not likely be required (e.g., Data Responses 5.4 and 9.4). For the purposes of the Alberhill System Project EIR, the CPUC assumes that helicopters would be used for the construction of some components of the proposed project. The concern is that helicopters may be used in proximity to residences, existing powerlines, or other structures, especially along the proposed 115-kV subtransmission line routes. If helicopters may be used for 115-kV subtransmission line construction, describe where, why, when, and how helicopters may be used. If helicopters may only be used for 500-kV transmission line construction or substation construction, please respond accordingly. b. Data Response 12.17 provides a list of six staging areas, and Data Response 1.10 indicates that a staging area would be located near one of the proposed 500-kV towers near the Valley–Serrano 500-kV Transmission Line. The PEA indicates that the proposed Alberhill Substation site would be the primary staging area. 1. Specify which of these eight staging areas may be used for helicopter take offs and landings or for delivery by helicopter. 2. Specify which of the staging areas may be used for helicopter fueling. 3. Specify which of the staging areas would not be accessed by helicopter. c. The PEA states that transmission and subtransmission lines are inspected at least once per year by driving and/or flying the line routes. The Serrano–Valley 500-kV Transmission Line is inspected by helicopter every other year. Describe why, where, and how helicopters may be used for other reasons or for other components of the proposed project during operations. If helicopters may only be used for maintenance of the 500-kV transmission lines and not the 115-kV subtransmission lines, respond accordingly. d. In what ways could helicopters be used for installation of the telecommunications lines along the proposed 500-kV and 115-kV routes.	03/28/12		New	Attachments: Data Responses 1.10, 5.4, 7.65, 7.67, 9.4, and 12.17

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5.4.2	Helicopter Use	Data Responses 5.4, 7.65, 7.67, 9.4, PEA Appendix F	Provide the results of FAA consultation regarding helicopter use for the proposed project.	03/28/12		New	
12.7.3	Project Description, Horse Ranch Demolition	Data Response 12.7.1, BMPs for Alberhill Substation Site	a. The document titled, "Alberhill Substation Site, Recommended Best Management Practices, August 30, 2011," provided by email in response to Data Request 12.7.1 states that during demolition and weed abatement activities, the following best management practices "should" be implemented. Specific timeframes are listed among the biological BMPs that do not appear to apply. For example, biological monitoring was conducted even though weed abatement occurred after August 31st but prior to September 30th, and demolition occurred after September 30th even though one of the BMPs forbids this from occurring because of winter roosting bats. 1. Specify which Best Management Practices (BMPs) identified in the document were implemented and which ones were not during September 2011 weed abatement and demolition activities and during December 2011 demolition activities. 2. Specify which BMPs would be implemented for future demolition activities to be conducted if construction at the proposed substation site is approved. b. Provide documentation that indicates weed abatement was ordered by the county agricultural commissioner or a state, county, or municipal fire department to support the statement that weed abatement activities conducted in September 2011 were exempt from SCAQMD Rule 403. c. Indicate whether an archaeological monitor was present during weed abatement and demolition activities conducted in September and December 2011. If a monitor was present, provide evidence.	03/28/12		New	See Data Response 12.7.1, attached
14.6	Alternatives	Ch. 2	Estimate how many acres would be required to construct the proposed project with all open-air insulated switchgear.	03/28/12		New	
14.7	Alternatives, Electrical Needs Area	Ch. 2, Figure 1.1	a. Pursuant to California Public Utilities Code Section 1002.3, alternatives to transmission facilities must be considered for CPCN applications. Discuss the feasibility of implementing each of the following as alternatives to constructing the proposed project: 1. Energy Conservation Programs (e.g., installation of high-efficiency heating and cooling systems and other appliances, insulation and weatherization, and energy-efficient lighting) within the Valley South Electrical Needs Area (ENA); 2. Distributed Generation: electrical generation	03/28/12		New	

			installations within the Valley South ENA; 3. Renewable and Conventional Generation: electrical generation installations including existing and proposed power plants, peaking generators, solar fields, wind developments, biomass/gas facilities, and geothermal facilities that would connect to the Valley South 115-kV System downstream of Valley Substation (South); or 4. Combination of one or more of the alternatives listed above. b. Discuss the status of SCE's Smart Meter program, Summer Discount Plan (air conditioner cycling), Technical Assistance and Technology Incentives Program (TA & TI), and Solar Rooftop Program in terms of existing and projected participation and effects on electrical demand within the Valley South Electrical Needs Area (ENA). c. Provide SCE's latest data regarding residential and non-residential onsite generation by identifying the megawatt capacity installed in the Valley South ENA from (i) residential self-generation projects, (ii) non-residential self-generation projects, and (iii) any other renewable energy projects that would either provide capacity to or remove demand from the Valley South ENA. d. According to SCE's data, how much electricity in megawatts has been provided by solar, wind, biomass/biogas, or other renewable energy generation facilities in the ENA yearly since 2005 and is projected to be provided from 2012 through 2021? How has SCE considered these resources in its peak demand projections or the Valley South 115-kV System? e. To what extent and in what ways have (i) additional energy efficiency and demand response, (ii) new sources of rooftop solar and other customer-side generation, and (iii) increased distributed generation been considered in SCE's peak demand projections for the Valley South 115-kV System?				