PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

May 23, 2017

Pat Adams, Principal Advisor
Southern California Edison Company
8651 Rush St., 2nd Floor
Rosemead, CA 91770
Email: Patricia.Adams@sce.com

RE: Data Request #5 - Certificate of Public Convenience and Necessity for the Riverside Transmission Reliability Project – Application No. A.15-04-013

Dear Ms. Adams,

The California Public Utilities Commission's (CPUC) Energy Division CEQA Unit has completed its review of Southern California Edison's (SCE's) Application (A. 15-04-013) for a Certificate of Public Convenience and Necessity (CPCN) for the Riverside Transmission Reliability Project (RTRP) and SCE's responses to Data Request #1, #2, and #3.

The CPUC has identified additional data needs that are required to complete the project description and environmental resource assessment for the Subsequent Environmental Impact Report (EIR). These data needs are identified in the attached Request for Additional Data.

Information provided by SCE in response to this Request for Additional Data should be filed as supplements to Application A. 15-04-013. One set of responses should be sent to the Energy Division and one to our consultant, Panorama Environmental, in both hardcopy and electronic format. We request that SCE respond to this request no later than June 22, 2017. Please let us know if you cannot provide the information by this date. Delays in responding to these data needs will result in associated delays in preparation of the Subsequent EIR.

The Energy Division reserves the right to request additional information at any point in the application proceeding and during subsequent construction of the project should SCE's CPCN be approved.

Please direct questions related to this application to me at (415) 703-5484 or Jensen.Uchida@cpuc.ca.gov.

Sincerely,

Jensen Uchida
Project Manager
Energy Division, CEQA Unit

cc: Mary Jo Borak, Supervisor
Jack Mulligan, CPUC Attorney
Jeff Thomas, Panorama Environmental, Inc.

REQUEST FOR ADDITIONAL DATA:
DATA NEEDS #5 FOR THE RIVERSIDE TRANSMISSION RELIABILITY PROJECT - APPLICATION (A. 15-04-013)

REPORT OVERVIEW

The California Public Utilities Commission (CPUC) has identified several areas where more information is needed to prepare a complete and adequate analysis of the proposed project in accordance with the requirements of the California Environmental Quality Act (CEQA), as follows:

Table 1: SCE Riverside Transmission Reliability Project Application 15-04-013 Data Needs #5

Number	Data Need
Project Description	
PD-1	**Provide an updated project schedule breakdown, similar to the schedule sent in response to Deficiency Report #4, Item 9, reflecting the 38-month construction timeline identified by SCE in response to Data Request #3.** The schedule should include the key construction activity categories (below) for each component of the proposed project included in SCE's CPCN Application (i.e., telecommunications, distribution relocations, Wildlife substation, overhead 230-kV, underground 230-kV). Please also identify those construction activities that have the potential to occur concurrently and those activities that cannot occur concurrently due to logistics. • Marshalling Yard Preparation and Mobilization • Construction o LST Foundation Installation o LST Steel Haul o LST Steel Assembly o LST Erection o TSP Foundation Installation o TSP Haul o TSP Assembly o TSP Erection o Riser Pole Preparation o Underground Vault Installation o Underground Duct Bank Installation o Underground Cable Installation o Trench Restoration/Paving

Table 1: SCE Riverside Transmission Reliability Project Application 15-04-013 Data Needs #5	
Number	**Data Need**
	o Cable Splicing o Cable Terminating
PD-2	**Provide a cross section diagram of the underground duct bank that will be installed at Location 7 and Location 8, similar to the diagram provided for the 230-kV double circuit duct bank in response to Deficiency Report #4 (Item 12).**
Aesthetics	
AS-1	**Provide a revised simulation of the riser poles for Viewpoint 5 in the AECOM Visual Resources Technical Report (November 2016) that includes the cable shrouds, which were described in SCE response to Data Request #2, Question PD-13 and depicted in Figure 7 (page 28) of the RTRP Underground Alternatives Desktop Study (T&D Engineering July 2015).** The cable shrouds are not currently depicted and would be a visible component of the riser poles to an approximate height of 30 feet (based on the Desktop Study).
AS-2	**Provide digital base files for each of the simulations listed below in jpg, tiff, or raw format, including all layers for graphic information presented in the simulation. Base photos should be adjusted to mimic a 50-mm focal length.** The simulations listed below were included in the Aesthetics and Visual Resources Technical Report prepared by AECOM (November 2016) and base photos utilized a 35-mm focal length. If simulation data consists of multiple layers, it is acceptable to condense transmission facilities into one layer. • Viewpoint 4: Goose Creek Golf Club from driving range shelter looking southeast by south. RTRP Overhead Option (Image #17) • Viewpoint 4: Goose Creek Golf Club from driving range shelter looking southeast by south. RTRP Underground Option (Image #19) • Viewpoint 5: Intersection of Limonite Avenue and Pats Ranch Road looking west by north. RTRP Overhead Option (Image #21) • Viewpoint 5: Intersection of Limonite Avenue and Pats Ranch Road looking west by north. RTRP Underground Option (Image #23)
Biology	
BIO-1	**Provide a jurisdictional wetland delineation for the underground project alignment within the Goose Creek Golf Course as riparian habitat does occur within the golf course. If jurisdictional wetlands exist and may be temporarily impacted by project construction, provide details regarding how SCE would restore habitat and vegetation within the underground alignment.**
Noise	
NOI-1	**Provide several location options for the collection of additional corona noise measurements. The CPUC will conduct additional corona noise measurements to verify levels of potential corona noise.** Please identify locations of an existing double circuit 220/230-kV transmission line and indicate if corona noise complaints have been received along the transmission line. It is preferred that locations are somewhat isolated from noise-generating land uses, such as schools, freeways, and residences to better isolate the corona noise contribution to measurements.
NOI-2	**Confirm or modify the list of construction equipment provided below.**

Table 1: SCE Riverside Transmission Reliability Project Application 15-04-013 Data Needs #5

Number	Data Need
	Data Request #2 included a request for a list of construction equipment and estimated noise levels that SCE anticipates utilizing during underground construction. SCE's response directed CPUC to Table 2.5-1, as amended in their response to Deficiency Report #4, Item #10, for the list of equipment. SCE further responded that noise levels for equipment provided in Table 2.5-1 were included in the 2016 Noise Technical Report prepared by AECOM. Table 2.5-1 provides a list of heavy equipment but does not include large mechanical tools, such as a concrete saw, jackhammer, or pile driver, which would presumably be necessary for underground construction. These types of equipment generate significant construction noise and will be considered by the CPUC in the noise analysis. The equipment list below includes the equipment CPUC anticipates will be required for overhead pole and tower construction, and for underground construction, pending any final inputs from SCE. • 4x4 Pickup truck • Backhoe • Compaction roller • Concrete mixer truck • Concrete pump • Concrete saw • Crane • Drill rig • Dump truck* • Excavator • Front end loader • Generator (>25 KVA) • Hoe ram • Impact pile driver • Jackhammer • Paver • Puller • Pump • Vacuum Excavator * Note that water trucks, flatbed trucks, lowboy trucks, cable/dolly trucks, and splicing truck are anticipated to be used during construction and would generate similar noise level to a dump truck.
Alternatives	
ALT-1	**Indicate how increasing the underground alignment by the following distances affects the 38-month construction schedule previously provided:** • **0.25 mile** • **1.0 mile** • **2.0 miles**
ALT-2	**Would additional crews operate concurrently to construct the longer underground segments identified above in ALT-1 (1.0 and 2.0 miles) and maintain the same schedule as the proposed project? If so, how many additional crews would be utilized?**