Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A1504013 ED-SCE-01

To: ENERGY DIVISION
Prepared by: John Kao
Title: Senior Civil Engineer
Dated: 03/09/2016

Question 01:

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

Project Description

Provide cut and fill estimates for site preparation and construction of only the Wildlife Substation. The 2013 RTRP FEIR does not provide separate cut and fill estimates for the Wildlife and Wilderness substations. This information is necessary in order to assess impacts specifically associated with the CPCN application.

Response to Question 01:

The Wildlife Substation is a customer dedicated substation. The cut, fill, and grading for the contiguous Wildlife and Wilderness Substations will be designed and executed by the customer (Riverside Public Utilities) and is not part the scope of work included in Southern California Edison Company's (SCE's) Certificate of Public Convenience and Necessity.

Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A1504013 ED-SCE-01

To: ENERGY DIVISION
Prepared by: Tom Diaz
Title: Project Manager
Dated: 03/09/2016

Question 11:

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

Hazardous Materials

Identify the locations or facilities where hazardous waste and removed treated wood poles will be disposed of as part of the proposed project.

Response to Question 11:

Construction of the Riverside Transmission Reliability Project (RTRP) would comply with state and local regulations related to solid and hazardous wastes, including the removal and disposal of treated wood poles. (*See* Final Environmental Impact Report (FEIR) Vol. 2 at 2-87 ("[a]ll hazardous materials would be stored, handled, and used in accordance with applicable regulations")).

As proposed, Southern California Edison Company's (SCE) scope of work in support of RTRP envisions the relocation of "existing distribution lines at eight locations where crossing new, proposed 220 kV lines." (*See Amended Application of Southern California Edison Company (U 338-E) For A Certificate of Public Convenience And Necessity To Construct The Riverside Transmission Reliability Project* , A.15-04-013 (April 30, 2015) (RTRP CPCN Application) at 9; FEIR Vol 2. at 2-33 – 2-35 ("To accommodate the new 230 kV transmission line, these eight locations would require relocation (and in some cases undergrounding) of existing distribution lines" and describing the eight locations)). To the extent such work requires the removal of treated wood poles, such poles would either be disposed of in a Class I hazardous waste landfill, disposed of in the lined portion of an Regional Water Quality Control Board (RWQCB)-certified municipal landfill, reused by SCE, and/or returned to the manufacturer. The final disposition of any such poles will be determined at the time of removal.

Of note, RTRP's construction in the City of Riverside also includes "the removal of chemically treated wood poles associated with existing 69 kV subtransmission lines that would create clearance or reliability issues for the proposed 230 kV transmission line. … All treated wood poles associated with the 69 kV subtransmission lines requiring removal under the Proposed Project would be disposed of as waste by an approved [Riverside Public Utilities (RPU)] vendor

pursuant to RPU waste management and agency requirements." (*See* FEIR Vol. 2 at 3-206).

"Contaminated soils and other hazardous materials removed from a site during construction or remediation may need to be handled as hazardous wastes." (*See* FEIR Vol. 2 at 3-200). "Soils possessing contaminant levels in excess of established thresholds for particular substances (*e.g.*, petroleum products, lead) must be treated as hazardous waste during their excavation, transport, and disposal." (*See* FEIR Vol. 2 at 3-193). Also, the "California Vehicle Code (CVC) and the California Streets and Highway Code outline regulations as pertains to the transportation of hazardous waste within the State." (*See* FEIR Vol. 2 at 3-331).

RTRP mitigation measures (MM) HAZ-01 through HAZ-04 address the handling, onsite management, and disposal of hazardous wastes. (*See* FEIR Vol. 2 at 3-204 – 3-205). RTRP mitigation measure HAZ-01 requires, among other things, the development and implementation of a *Hazardous Materials and Hazardous Waste Management Program* prior to construction, as well as protocols for the transport of hazardous materials. (*See* FEIR Vol. 2 at 3-206).

While local waste management facilities would be used for the typical construction wastes (*i.e.*, wood, soil, vegetation, and sanitation waste), "[t]he disposal of any hazardous waste would be done at an appropriate facility" (FEIR Vol. 2 at 2-86 – 2-87) and would be governed by the various applicable hazardous waste statutes and regulations described in the FEIR. (*See* FEIR Vol. 2 at 3-197 – 3-203 (describing statutes and regulations governing hazards and hazardous materials), 3-206 ("Proposed Project construction practices would be conducted in accordance with applicable federal, State, and local requirements")). RTRP's construction requires that "[h]azardous waste would be picked up and transported by a licensed hauler to a disposal facility permitted to accept such waste." (*See* FEIR Vol. 2 at 3-305). The final destination of any such hazardous wastes generated by SCE will be determined at the time of removal pursuant to the FEIR, *Hazardous Materials and Hazardous Waste Management Program* per RTRP MM HAZ-01, aforementioned regulations and statutes, and any applicable provisions of the CPCN.

Southern California Edison
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To: ENERGY DIVISION
Prepared by: Lionel Olivares
Title: Power System Planner
Dated: 03/09/2016

Question 13:

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

Alternatives and System Analysis

Explain the primary use of RPU generation. Is this generation ever used for merchant purposes? For example, is this generation ever dispatched based on market prices? Is this generation strictly used to meet RPU demand when such demand is expected to approach or exceed SCE Vista transformer limits? A more detailed explanation of how this generation is utilized is needed.

Response to Question 13:

Southern California Edison Company (SCE) does not have first-hand knowledge sufficient to respond to this inquiry: Riverside Public Utilities (RPU) has authority regarding the primary use of their own generation.

However, in an effort to provide potentially relevant information, SCE suggests reference to the following publicly available data from the April 30, 2015 California Independent System Operator (CAISO) 2016 Local Capacity Technical Analysis: Final Report and Study Results (available here: https://www.caiso.com/Documents/Final2016LocalCapacityTechnicalReportApr302015.pdf). The summary table on page 75 suggests that the Springs Unit is used for market purposes, and the other four units are for municipal needs:

Total units and qualifying capacity available in the LA Basin area:

MKT/SCHED RESOURCE ID	BUS #	BUS NAME	kV	NQC	UNIT ID	LCR SUB-AREA NAME	NQC Comments	CAISO Tag
RVSIDE_2_RERCU3	24299	RERC2G3	13.8	48.50	1	Eastern, Eastern Metro		MUNI
RVSIDE_2_RERCU4	24300	RERC2G4	13.8	48.50	1	Eastern, Eastern Metro		MUNI
RVSIDE_6_RERCU1	24242	RERC1G	13.8	48.35	1	Eastern, Eastern Metro		MUNI
RVSIDE_6_RERCU2	24243	RERC2G	13.8	48.50	1	Eastern, Eastern Metro		MUNI
RVSIDE_6_SPRING	24244	SPRINGEN	13.8	36.00	1	Eastern, Eastern Metro		Market

Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A1504013 ED-SCE-01

To: ENERGY DIVISION
Prepared by: Lindsey Sayers
Title: Senior Engineer
Dated: 03/09/2016

Question 15:

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

Alternatives and System Analysis

Provide SCE Drawing #563650 showing Vista 220/66 kV transformers 1A, 2A, 3A, and 4A existing MVA ratings. If not clear in the drawing, please include table showing normal, STELL and LTELL for each of the four A Banks at Vista.

Response to Question 15:

Attached is the requested drawing. Since the drawing does not include the requested transformed information a table showing this information is also attached.