

SDG&E 4/6/11 Response
A.09-08-003 East County Substation (ECO) PTC
Energy Division Data Request 13 Dated March 28, 2011
SDGE-ED-013: Q 1-4

Rough Acres Ranch Right-of-Way Easement for Sunrise Powerlink

Question 1

The Draft EIR/EIS provides an alternative for the Tule Wind project that places the project's substation, operations and maintenance facility, and a portion of the 138 kV line on Rough Acres Ranch. Iberdrola raised a concern that this alternative is not feasible due to the timing of the Sunrise Powerlink construction and the temporary laydown area being used for the Sunrise project. Please provide information about the timing and schedule of the Sunrise project to identify any temporary or permanent easement restrictions associated with the construction and completion of Sunrise Powerlink Project.

SDG&E Response to Question 1:

Rough Acres Ranch will be used for Sunrise Powerlink construction activity through December 7, 2011 when restoration of the yard will be completed.

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Water

Question 2

In addition to the water availability letter provided by Sweetwater Authority in August 2010, please provide additional documentation verifying the source and availability of water and/or will serve letters from water purveyors to meet the proposed use of approximately 30 million gallons of water during construction of the ECO Substation Project.

SDG&E Response to Question 2:

SDG&E is continuing to investigate alternative water sources for the ECO Substation Project. At this time, SDG&E is focusing on potable and reclaimed water sources, and foresees no difficulty in procuring the amount of water needed for the Proposed Project.

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Attachment A - GIS files

Question 3

Please provide the shape files for the February 2011 ECO Substation Design Figure provided in SDG&E's comments on the Draft EIR/EIS dated March 4, 2011 (Attachment A, Figure A-1).

SDG&E Response to Question 3:

SDG&E has attached the file named ECO_Shapes.zip, which contains the shape files that were used to create Figure A-1.

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Question 4

Please provide a description and the shape files for the single southern access road that both Sempra's ESJ project and SDG&E intend to use to access their respective projects.

SDG&E Response to Question 4:

The main access road (southern access road) to the ECO Substation will utilize a combination of existing dirt access roads and newly built access roads. The main access road will originate from Old Highway 80 approximately 500 feet west from the originally proposed access road. It will extend in a southeasterly direction for approximately 1,800 feet and then extend in an easterly direction for approximately 1,700 feet, all of which will be over existing dirt roads that will be widened and improved. From the improved existing dirt road, a new access road will be constructed extending north approximately 300 feet into the construction limits of the substation grading.

Within the construction limits of the substation grading, the main access road will continue north extending directly into the 230/138 kV pad of the substation. This will be the primary entrance into the 230/138 kV yard.

Also within the construction limits of the substation grading, newly built access roads will branch off of the main access road in the east and west directions just south of the substation pads. The east access road will provide two access points into the 500 kV yard of the substation, and the west access road will provide a secondary entrance into the 230/138 kV yard of the substation.

As shown in Figure C-3 of the Draft EIR/EIS, SDG&E and ESJ do not intend to use a single southern access road; rather, the two projects would use two separate roads that converge. If consistent with affiliate compliance rules and not subject to additional Commission approval, SDG&E would explore shared use of a single access road.

As for the description of SDG&E's southern access road, the existing dirt roads and newly built access roads will be widened and improved with a structural road section comprised of asphalt concrete over an aggregate base. The paved section of the road will be 30 feet wide with one foot shoulders on either side. Concrete-lined swales may be located at various locations along the access road to facilitate storm water runoff. Culvert water crossings will be implemented where required. To maintain SDG&E required vertical and horizontal grades, the access road will be graded creating various sections of permanent cut and fill slopes along the access road route.

The shape files submitted in response to Question #3 above also include the access road files.