



Rebecca Giles
Regulatory Case Manager
San Diego Gas and Electric Company
8330 Century Park Court
San Diego, CA 92123-1530

January 23, 2015

Reg.12-10/A.14-04-011
SDG&E Sycamore-Penasquitos
230kV Transmission Line CPCN

Sent Via Sempra EDT System Only

Billie Blanchard
Project Manager
Energy Division, CEQA Unit
505 Van Ness Avenue
San Francisco, CA 94102-3298

Re: SXPQ ED05-SDGE Partial Response 1 – Questions 1-4, 5 (partial), 6-10 and 12.

Dear Ms. Blanchard:

Attached please find SDG&E's Partial Response to ED's Data Request 5 issued on January 8, 2015. Included in this submittal are responses to Questions 1-10 and 12. The response to Q11 is expected to be provided by January 30, 2015.

Per your request, the Project Description document is provided in redline version. Note that Section 2.3.5 includes a discussion of minor tower modifications on Segment C. The tower modifications would not change the appearance or footprint of the existing towers.

Please note that attachments to DR5 Question 8 contains information considered confidential under the provisions of PUC Section 583 and General Order 66-C as well as under the North American Electric Reliability Corporation's Rules of Procedure, Section 1500 et seq. and other applicable Federal and State Laws and Regulations. These documents were appropriately marked confidential and should be treated as such.

If you have any questions or require additional information, please feel free to contact me by phone at (858) 636-6876 or e-mail: RGiles@semprautilities.com.

Sincerely,

Signed

Rebecca Giles
Regulatory Case Manager

Enclosures

cc:

Allen Trial – SDG&E

Elizabeth Cason – SDG&E

Bradley Carter – SDG&E

Central Files – SDG&E

Peter Allen – CPUC

Christopher Myers - ORA

Jeff Thomas – Panorama Environmental Consulting

Susanne Heim – Panorama Environmental Consulting

Mary Jo Borak – CPUC Infrastructure Permitting and CEQA

Molly Sterkel - CPUC Infrastructure Planning and Permitting

Darryl Gruen - ORA

William Stephenson – CPUC Consultant

ED05-SDGE 01/23/2015 Partial Response 1
A.14-04-011 SXPQ 230kV Transmission Line CPCN Project
Energy Division Additional Data Gap 5 (ED05) Dated January 9, 2015
PROJECT DESCRIPTION Questions 1-4, 5 (partial), 6-10 & 12

Q#	Summary of SDG&E Response Submittals
1-12	1/23/15 Submittal: Q1-Q4, Q5 (partial), Q6-Q10, Q12

Pending Responses: Q5 (partial) and Q11

CONFIDENTIAL ATTACHMENTS: Attachment ED05 – Q8_DPR Forms

Table 1: Application No. 14-04-011 Data Needs #5			
#	Reference Source, Page #	Data Need	SDG&E Response
Project Description			
1	N/A	Review the attached administrative draft EIR project description (Attachment A) and detailed mapbook (Attachment B) and provide track change edits and comments as necessary to address identified data needs, verify information is accurately presented, and approve these documents for use in the EIR analysis.	Refer to Attachment ED05 – Q1(a)_EIR Project Description, ED05 – Q1(b)_Trench Diagram, ED05 – Q1(c)_Map Comments, and ED05 – Q1(d) – GIS Data.
2	N/A	Identify the location of structures that would trigger notification of FAA under Title 14 CFR Part 77. The FAA may require lighting on structures that trigger notification under Title 14 CFR Part 77. This lighting should be considered as a visual impact in the EIR to avoid future petition for modification. To be conservative, the CPUC will consider that any structure that requires notification under 14 CFR Part 77 would require lighting.	Nine project structures trigger FAA notification related to exceedance of obstruction standards (CFR Part 77.19) and could therefore require lighting (P1, P2, P3, P4, P35, P36, P37, E2, and E3). The FAA will make the final determination if lighting is required.
3	Deficiency Report #1, Item 15	Provide SDG&E’s methodology for defining the locations of marker balls on powerline catenaries.	All project catenaries are evaluated to determine maximum ground clearance. Any span containing a catenary that exceeds 200 feet above ground level (AGL) at any point between support structures will be submitted to the FAA for evaluation and will be marked with spherical markers in accordance with FAA standards. Catenaries in spans that do not exceed 200 feet AGL but cross major roadways, or are designed in parallel with existing transmission lines that are currently marked, will be evaluated for voluntary marking depending on the conditions. Any marking

ED05-SDGE 01/23/2015 Partial Response 1
A.14-04-011 SXPQ 230kV Transmission Line CPCN Project
Energy Division Additional Data Gap 5 (ED05) Dated January 9, 2015
PROJECT DESCRIPTION Questions 1-4, 5 (partial), 6-10 & 12

Table 1: Application No. 14-04-011 Data Needs #5			
#	Reference Source, Page #	Data Need	SDG&E Response
			requests from MCAS Miramar will be accommodated.
4	N/A	Provide a preliminary helicopter use plan using the template provided in Attachment C.	See attachment ED05 – Q4_Helicopter Use Plan.
5	Data Request #3, Item 1	Provide location, GIS data, and supporting survey documentation for any additional staging yards that SDG&E would like included in the EIR. This information must be submitted by January 31, 2015 in order to be considered in the EIR.	See attachment ED05 – Q1(d)_GIS Data. See also attachment ED05 – Q5_Evergreen Nursery Email for background on the newly proposed Evergreen Nursery Staging Yard. Survey information for the two newly proposed staging yards will be provided by January 31, 2015.
6	Data Request #3, Item 1	Will fuels be stored onsite or delivered on trucks to individual sites when needed. If stored at staging yards, what quantities are we talking about? What type of storage containers? What type of secondary containment for leaks and spills will be provided?	Fuel storage and vehicle fueling is anticipated at all staging yards except for yards located within existing substations. Fuels and other hazardous materials will be stored in designated hazardous material storage areas (HMSAs) at staging yards. Hazardous materials will be stored in signed designated areas located away from drainage areas and hazards, such as electrical outlets or overhead hazards, as feasible. Fuels would be stored in 55-gallon drums, aboveground storage tanks and mobile refuelers that would travel to individual sites to refuel equipment. Aboveground storage tanks could hold up to 10,000-gallons of fuel and no more than approximately 10,000-gallons of fuel would likely be held in storage containers at any staging area. Secondary containment will be used for storage tanks containing 55-gallons or more of oil. Types of secondary containment may include, but would not be limited to, spill trays or other containment devices, lined basins or double-walled tanks. Deposited material would be removed from containment areas and from containment systems to maintain the integrity of these systems. Requirements for secondary containment would be coordinated on site with the Qualified Storm Water Practitioner (QSP) for the Project to protect water resources.

ED05-SDGE 01/23/2015 Partial Response 1
A.14-04-011 SXPQ 230kV Transmission Line CPCN Project
Energy Division Additional Data Gap 5 (ED05) Dated January 9, 2015
PROJECT DESCRIPTION Questions 1-4, 5 (partial), 6-10 & 12

Table 1: Application No. 14-04-011 Data Needs #5			
#	Reference Source, Page #	Data Need	SDG&E Response
7	Data Request #3, Item 26	<p>Provide vegetation mapping for an access road in the north portion of the GIS data shown on Maps 23 and 24 of Attachment #2 to DR #3.</p> <p>SDG&E did not provide GIS data for an access road located in the BSA.</p>	The access road north of Structure P41A was shortened as part of responses to ED Data Request 3 (Q8). Vegetation data submitted within Attachment ED03 – Q26_biologyGIS should cover the extent of the now shortened access road. The shortened access road is shown on Map page 22 of Attachment B to DR # 5.
8	Data Request #3, Item 31	<p>Provide updated DPR forms for previously recorded and newly recorded resources including:</p> <ul style="list-style-type: none"> • P-37-018908 • CA-SDI-6133 • CA-SDI-6912 • Prehistoric isolates 1, 2, and 3 	Refer to attachment ED05 – Q8_DPR Forms (CONFIDENTIAL).
9	Data Request #3, Item 24	<p>Revise the equation in the paved-road fugitive dust emission calculation worksheets.</p> <p>SDG&E’s revised emission calculations are still based on a wrong equation both in the text and in cells of the revised spreadsheets. The following shows the comparison of EPA AP-42 equation and the wrong equation used by SDG&E. Note that the errors are shown in the highlighted areas.</p> <p>a. The correct equation in EPA AP-42 is $E = k(sL)^{0.91} \times (W)^{1.02}$</p> <p>b. SDG&E uses: $E = k(sL/2)^{0.91} \times (W/3)^{1.02}$</p> <p>Therefore; the calculations were not correctly performed for both PM₁₀ and PM_{2.5} emissions. These errors occur in all paved-road fugitive dust emission calculation worksheets. Please review EPA AP-42 Section 13.2.1 Paved Roads published in 2011 and make sure the correct equation is used in the next revision.</p>	Refer to attachments ED05 – Q9(a)_Replacement Tables and Attachment ED05 – Q9(b)_Construction Emissions.
10	Data Request #3, Item 36	<p>Provide the following information to supplement the October 20, 2014, KOA Traffic Study:</p> <p>1. Pages or Maps from the City or County General Plan</p>	Refer to Attachment ED05 – Q10_SX-PQ Carmel Valley Road TIS.

ED05-SDGE 01/23/2015 Partial Response 1
A.14-04-011 SXPQ 230kV Transmission Line CPCN Project
Energy Division Additional Data Gap 5 (ED05) Dated January 9, 2015
PROJECT DESCRIPTION Questions 1-4, 5 (partial), 6-10 & 12

Table 1: Application No. 14-04-011 Data Needs #5			
#	Reference Source, Page #	Data Need	SDG&E Response
		<p>showing the classification of the roads (major arterial, collector, etc.), description of the road or at least a description of the classification and the typical cross-section of each classification.</p> <p>2. The basis of the capacity calculation shown in “Capacity” in Table 2.</p> <p>3. Definition of LOS A, B, C, etc. from the latest Highway Capacity Manual or the City and County Traffic Standards.</p> <p>4. Count sheets for the traffic, bike and pedestrian counts, peak hour and ADT. These might not be available for all locations presented but all of the counts SDG&E paid for should be available.</p>	
11	N/A	<p>Provide a cumulative projects list of all SDG&E and Southern California Gas projects located within 10 miles of the project alignment including the following information:</p> <p>1. Summary description of each project</p> <p>2. Scheduled timeframe implementation of each project</p> <p>3. GIS files for each project location and/or alignment.</p>	SDG&E will provide the requested information by January 30, 2015.
12	N/A	<p>Provide the EDR Radius Map report that accompanies the EDR DataMap Corridor Study in PEA Appendix 4.7-A. The EDR Radius Map report was not included in the PEA.</p>	The Radius Map has been included as Attachment ED05 – Q12.