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

December 12, 2014

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

Sent via email

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

Re: SXPQ ED03-SDGE Partial Response No. 3

Dear Ms. Blanchard:

Attached please find SDG&E's Partial Response number 3 to ED's Data Request 3 issued on November 17, 2014.

Included in this submittal are responses to **Questions 4, 9, 12, 18 and 21** which are being provided in advance of the requested response date of December 16. Still pending are the response to Questions 1, 2, 7, 8, 11, 19, 20, 22-26, 28, 31, & 38.

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
Chris Myers - ORA
Jeff Thomas – Panorama Environmental Consulting
Susanne Heim – Panorama Environmental Consulting
May Jo Borak – CPUC Infrastructure Permitting and CEQA
Molly Sterkel - CPUC Infrastructure Planning and Permitting
Darryl Gruen - ORA

ED03-SDGE 12/12/14 Partial Response No. 3
A.14-04-011 SXPQ 230 kV Transmission Line Project
ED Data Request #3 Issued on November 17, 2014
ED03 Questions 4, 9, 12, 18, 21

Q#	Data Needs Sections	**Summary of SDG&E Response Submittals**
1-21	Project Description	11/25/14 Submittal: **Q5, 6, & 16** 12/5/14 Submittal: **Q3, 10, 13, 14, 17** 12/12/14 Submittal: **Q4, 9, 12, 18, 21**
22-25	Air Quality/GHG Emissions	
26-30	Biological Resources	11/25/14 Submittal: **Q29 & 30** 12/5/14 Submittal: **Q27**
31-33	Cultural Resources	11/25/14 Submittal: **Q32 & 33**
34	Hazards	12/5/14 Submittal: **Q34**
35	Noise	12/5/14 Submittal: **Q35**
36-38	Traffic	11/25/14 Submittal: **Q36 & 37**

Pending Responses: Q1, 2, 7, 8, 11, 15, 19, 20, 22-26, 28, 31, & 38.

CONFIDENTIAL ATTACHMENTS: None for partial Submittal No. 3

Question #	Question Description	SDG&E Response
4	**Provide additional details on the amount of cut-and-fill required for staging yards.** SDG&E's response to Data Request #2 was incomplete. Provide the amount of estimated cut-and-fill in cubic yards for staging yards.	It is estimated that approximately 2,500 cubic yards of cut and fill may be required for staging yard preparation.
9	**Define the activities that would be conducted by helicopter and the duration of helicopter use (hours per day and total number of days).** SDG&E's response to Data Request #2 was incomplete. Provide the maximum number of days (total duration) that helicopters could be used, and identify if multiple helicopters would be operating at any given time during	Based on the current anticipated construction schedule (approximately one year of construction), the project could potentially use multiple helicopters. At a minimum, one helicopter could be used for approximately seven to 10 months during the construction period. Additional helicopter(s), if needed, could be used for up to approximately four months during the construction period. Depending upon the final sequencing of construction, the two helicopters described above may be operated simultaneously at a given time for up to four months. Conversely, multiple helicopters may not be required at all. Multiple helicopters will be used if multiple types of activities requiring helicopter

<table>
<tr><th>Question #</th><th>Question Description</th><th>SDG&E Response</th></tr>
<tr><td></td><td>project construction.</td><td>operation (such as stringing conductor and flying materials) occur simultaneously or if one type of activity requiring helicopter operation (such as stringing conductor) occur at two separate locations along the project alignment (e.g. Segments A and C) and one helicopter is not sufficient.</td></tr>
<tr><td>12</td><td>Provide additional clarification regarding the Cable Pole P41 relocation in Black Mountain Ranch Community Park.
Clarify the proposed topping and structure installation activities for the referenced structures in Black Mountain Ranch Community Park. No data was provided for the existing structure labeled R47B; however the PRR states that the pole will be replaced with a 65-foot tall steel dead end H-Frame structure. Provide the coordinates, geographic coordinate system, and structure attributes for R47B.
Please also clarify if it is SDG&E’s intent to modify the PEA description to eliminate the original cable pole location and propose the new location as the proposed Project component, or if the original location proposed is now an alternative.</td><td>It is SDG&E’s intent to modify the PEA description to eliminate the original pole location and propose the new location as the proposed Project component.

North of the Proposed new Cable pole (P41) in Black Mountain Ranch Community Park, one existing wood structure will be topped above existing distribution (Structure T7 – refer to GIS data provided as part of Partial Response 2 [Attachment ED03 – Q3]) and one existing steel structure will be replaced. The existing steel tangent (TNG) structure (now labeled as R44 [refer to Attachment ED03 – Q3 from partial response No. 2]) will be replaced by a new steel deadend (DE) structure (P41A). Attributes for these two structures are included below and within GIS data provided previously (removed and topped structure GIS was provided as Attachment ED03 – Q3 and the proposed Structure GIS will be provided as part of the Response to Question 15).

<table>
<tr><th>Structure</th><th>Type</th><th>Material</th><th>Height (AGL)*</th><th>Scope</th></tr>
<tr><td>R44</td><td>138 kV H-frame</td><td>Steel (TNG)</td><td>55 feet</td><td>remove</td></tr>
<tr><td>P41A</td><td>138 kV H-frame</td><td>Steel (DE)</td><td>65 feet</td><td>install</td></tr>
<tr><td colspan="5">*Above Ground Level</td></tr>
</table>
</td></tr>
<tr><td>18</td><td>Verify retaining wall dimensions at P2 and P53.
Proposed retaining walls at P2 and P53 still extend past the proposed structure pads. Provide revised GIS data for these locations and verify the retaining walls are contained within the pad limits (Attachment 1).</td><td>Proposed retaining walls at Structures P2 and P53 have been confirmed to be located within the proposed structure pads. Updated GIS data will be provided as part of the response to Question 15.</td></tr>
<tr><td>21</td><td>Provide new pole refinement details to support addition of All-Dielectric Self-Supporting (ADSS)</td><td>Segment A: All-Dielectric Self-Supporting (ADSS) cable owned by NextLink (XO Communications) is currently supported on 13 spans of existing TL13820 wood H-Frames</td></tr>
</table>

Question #	Question Description	SDG&E Response
	Cable in Segments A and D. Identify all existing and new poles that modifications are proposed to including any revisions to final pole heights. Provide schematics for all revised pole types indicating the positions of existing and proposed conductor, as well as the positions open for ADSS cable.	in Segment A. SDG&E will design the new 230-kV steel poles to accommodate the transfer of the ADSS cable on to the new poles in these spans from P11 to P24. Exhibits indicating the position of the ADSS cable are provided separately (see Attachment ED03 – Q21(a)_ADSS Exhibits). SDG&E is currently coordinating with NextLink to determine the specifications of the ADSS cable to be installed in this segment. Any impacts to the current design will be determined upon receipt of this information which SDG&E anticipates to have completed in the first quarter of 2015. To be proactive, SDG&E has performed a preliminary analysis utilizing the standard ADSS cable (DNA 26604) proposed on Project Segment D and it appears that no structure height increases will be required. The list of refinements in Segment A based on field reviews conducted in September, 2014 was provided separately as part of the previous data request response (Project Refinement Report). **Segment D:** All the 69kV steel poles (from P44 thru P60) on Segment D are being designed to accommodate two levels of ADSS cable as underbuild (below the phase conductors) for future use. Exhibits indicating the position of the ADSS cables are provided separately (see Attachment ED03 – Q21(a)). The structure height increases in Segment D were due to a combination of factors including relocation of poles to minimize impacts within Coastal Zone, removal of a pole, or addition of ADSS cables. These refinements were already provided in the previous response submitted to CPUC. The table of refinements specific to Segment D has been included as Attachment ED03 – Q21(b) for reference.