



Rebecca Giles
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San Diego Gas and Electric Company
8330 Century Park Court
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October 24, 2014

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

Sent Via Electronic Mail Only

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

Re: SXPQ ED02-SDGE Partial Response No. 1

Dear Ms. Blanchard:

Attached please find SDG&E's partial response to ED's Data Request 2 issued on October 6, 2014.

Included in this submittal are responses to **Questions 4, 5, 8, 18, 24, 28, 64, 88, 89 (updated), and 90.**

The surveys and/or other field work required to respond to questions 104, 113, 117, and 119 are underway (or will be underway shortly) but may not be completed by the due date of November 3. SDG&E will submit responses to these questions upon completion. The remaining responses to ED Data Request 2 are expected to be submitted by November 3.

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
Adriana Kripke – SDG&E
Bradley Carter – SDG&E
Central Files - SDG&E
Peter Allen – CPUC
Jeff Thomas – Panorama Environmental Consulting
Christine Hammond – Advisor to Commissioner Picker – CPUC
May Jo Borak – CPUC Infrastructure Permitting and CEQA
Molly Sterkel - CPUC Infrastructure Planning and Permitting
Charlotte Terkeurst – CPUC Inter Chief of Staff

ED02-SDGE 10/24/14 Partial Response No. 1
A.14-04-011 SXPQ 230 kV Transmission Line Project
ED Data Request #2 Issued on October 6, 2014
ED02 Questions 4, 5, 18, 24, 28, 64, 88, 89 & 90

Q#	Data Needs Sections	SDG&E Partial Response 1	Q#	Data Needs Sections	SDG&E Partial Response 1
Q1-28	Project Description	Q4, 5, 8, 18, 24 & 28	Q102-108	Biological Resources	
Q29-81	Detailed Route Maps	Q64	Q109-112	Cultural Resources	
Q82-86	Overview Maps		Q113-115	Noise	
Q87-90	Aesthetics	Q88, 89 (Updated) & 90	Q116	Recreation	
Q91-101	Air Quality/GHG Emissions		Q117-121	Traffic	

#	Ref	Question Description	SDGE Response
4	N/A	Provide representative photographs of the concrete pier and concrete micropile foundations proposed for the Project. The representative photographs need to be taken at close range to visually depict the types of foundation that SDG&E has proposed for this Project.	See attachment “ED-02 – Q4” for representative photographs. Please note that these photographs are typical in nature. Anchor bolt quantities and foundation diameters are subject to change based on final geotechnical information, tubular steel pole and foundation designs.
5	N/A	Provide a representative photograph of a bundled 230-kV line. The representative photograph need to be taken at close range to visually depict a bundled line with parallel wires spaced approximately 18 inches apart.	Representative photographs of an existing bundled 230 kV transmission line have been attached (Attachment ED02 – Q5).
8	N/A	Confirm that the existing 230-kV transmission line is being moved from E3 to P1 and P2 near Sycamore Canyon Substation.	Yes. Based on engineering completed to date, it is confirmed that the existing 230-kV circuit will be transferred to new poles P1 and P2 to re-route this line to its terminating position within the substation.
18	N/A	Identify the locations of overland access routes and describe the activities to be performed within overland	No overland access is currently anticipated. All access will utilize existing and improved roads or other identified work areas such as structure work locations, stringing sites, and staging yards.

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		<p>routes.</p> <p>No overland access routes are defined in the GIS; however, the Project Description in the PEA discusses the use of overland access. Please define where these overland access routes will be located, their dimensions, and the activities (e.g., vegetation removal) that would be conducted within the overland access routes.</p>	
24	EMF Management Plan	<p>Provide existing EMF data at the edge of the right-of-way by transmission line segment (e.g., Segment A West).</p> <p>SDG&E's EMF Management Plan only includes data for the Proposed Project condition and does not provide the existing EMF or change in EMF.</p>	<p>SDG&E's EMF Services has been proactively conducting EMF measurements by request for residents along the Proposed Project's alignment. To date, all 6 measurement requests have been completed and SDG&E will continue to conduct measurements as requested.</p> <p>Providing existing EMF data at the edge of right of way by transmission line segment for the entire Proposed Project is not required. Per GO 131.D, SDG&E must describe the measures taken or proposed to reduce the potential exposure to electric and magnetic fields generated by the proposed facilities, in compliance with Commission orders. CPUC EMF Policy Decision 06-01-042 states that health risks have not been demonstrated and that numeric exposure limits are inappropriate and further directed CA utilities to continue to use no-cost and low-cost mitigation measures.</p>
28	GIS	<p>Clarify if direct access connections from the work areas to the Stonebridge Staging Yard would be needed.</p> <p>There are currently no proposed direct access roads to and from the work areas at P2, P3, or P4. If direct access connections are necessary, provide the revised access route data.</p>	<p>Direct access from the Stonebridge staging yard to work areas at P2, P3, and P4 is not currently planned as part of the Project.</p>

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64	GIS	C-2: Identify the drainage features that appear to intersect with the SR-56 Staging Yard. Explain whether or not they could affect use of the area as a staging yard.	Following consultation with the Property Owner of the SR-56 Staging Yard, the Project will not utilize the SR-56 Staging Yard as shown. Data Request Question No. 64 is therefore no longer applicable. SDG&E is currently working with the Property Owner, and an alternative site has been identified for SDG&E's potential use in place of the previously identified SR-56 Staging Yard. SDG&E will provide the specifics of the alternative staging yard site with the response to Data Request Question No. 1, which is still pending.
88	Deficiency Report #1, Item 15	Clarify the location of proposed marker balls within Segment D. From our current GIS data set, Segment D east of tower structure E24 shows several spans with marker balls. Will the marker balls be on the shield (guard) wires of the new monopole or the higher shield wires of the existing steel lattice towers?	There are no shield wires being proposed on the new 69-kV double-circuit monopoles proposed in Segment D. Therefore, any marker balls required after final FAA determinations will be installed on the new optical ground wire (OPGW) that replaces the existing shield wire on existing towers in Segment C and D.
89	Data Request #1, Item 21	Please provide a CD of the baseline photos and simulations included in the PEA. The CPUC requested a CD of the baseline photos and simulation in Data Request #1, Item 21. The response said a CD would be shipped; however, it was never received.	A compact disc of the baseline photographs and visual simulations was sent to the CPUC via Fed Ex on October 17th. Updated baseline photographs and corresponding simulations are being prepared for the proposed new eastern cable pole location. These files will be provided once the new simulations are complete.
90	N/A	There is a large cable strung on the H-frame between the poles just south of Poway Road to the Scripps Summit Business Park (refer to Attachment 4). Its line's catenary is well below the conductor's catenary. What does SDG&E plan to do with this line when the H-frames are removed? Will the line be	This cable is an All-Dielectric Self-Supporting (ADSS) cable owned by NextLink (XO Communications). SDG&E is designing the new 230-kV steel poles to accommodate the transfer of the ADSS cable on to the new poles. Discussions will occur with the cable owner to confirm/coordinate relocation of the cable to the new poles or alternatively completely removing this cable from the right-of-way.

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		removed?	<p>During construction and H-Frame removals, the leg of the wood poles supporting this cable will be topped one (1) foot above the ADSS attachment location in order to remove all other parts of these structures. NextLink will have a specified period of time to either relocate their cable to the new 230-kV poles or remove the cable. Ideally, the ADSS cable will be transferred during the SX-PQ construction period. Once relocated, the remaining vacated pole would be removed which would complete the full removal of these H-Frames.</p>