

**ED12-SDGE 05/14/15 Partial Response #2**  
**A.14-04-011 SXPQ 230kV Transmission Line CPCN Project**  
**Energy Division Data Request 12 Dated April 30, 2015**  
**ED12-SDG&E Questions 1-5 & 7**

Q#	Summary of SDG&E Response Submittals	Confidential	PENDING Status
1-8	<b>05/05/15 – Submittal 1: Q6 &amp; Q8</b>	None.	Pending: <b>Q1 – 5, Q7</b>
1-8	<b>05/14/15 – Submittal 2: Q1 – Q5, Q7</b>	None.	None.

**REPORT OVERVIEW**

The California Public Utilities Commission (CPUC) has identified several areas where more information is needed to prepare a complete and adequate analysis of the potential environmental effects of a range of alternatives in accordance with the requirements of the California Environmental Quality Act (CEQA). Data needs are identified in bold. Clarifying information is provided below the data need.

Table 1: Application No. 14-04-011 Data Needs #12			
#	Reference Source, Page #	Data Need	SDG&E Response
1	PEA , Page 5-23	<p><b>Provide Preliminary Engineering for the Alternative East Cable Pole (Structure P41A) considered in the PEA.</b></p> <p>The PEA describes a three structure alternative eastern cable pole located immediately south of Carmel Valley Road within SDG&amp;E ROW. Preliminary engineering is needed evaluate the feasibility of this alternative, including all required work areas to construct this alternative.</p>	<p>Refer to Attachments ED12 – Q1(a)_P41A Preliminary Work Areas Map, Attachment ED12 – Q1(b)_P41 Preliminary Design, Attachment ED12 – Q1(c)_GIS Data for preliminary design and work areas information and Attachment ED12-Q1(d) Alternative Cable Pole Simulations. In addition, SDG&amp;E has identified the following design and constructability factors that remain unresolved by preliminary design engineering completed to date:</p> <ul style="list-style-type: none"> <li>• Specialized phasing would be required to maintain clearance between the 138kV and 230kV conductors. The specialized phasing would require 138kV delta configuration to cross over the 230kV phases which would create a non-standard and potentially not feasible maintenance configuration.</li> <li>• Based upon available design, SDG&amp;E evaluated potential stringing sites and determined that the location identified on the attached map (see attachment ED12 – Q1(a)) was the best location to potentially string from. However, SDG&amp;E believes that stringing from this site may not be feasible due to the fact that it is at a higher elevation relative to the 3 pole structure (P41A).</li> <li>• SDG&amp;E’s operation and maintenance division identified potential concerns during maintenance activities at Structure P41A, and anticipate maintenance activities could potentially require lane closure(s) on Carmel Valley Road.</li> <li>• Preliminary design of Alternative Cable Pole Structure P41A has resulted in concerns from</li> </ul>

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			SDG&E, including its public outreach department, on the potential visual impact it would create given the size and location of the 3 pole structure directly adjacent to Carmel Valley Road. Refer to the photo simulations in Attachment ED12 – Q1(d).
2	Data Request #8, Item#9	<b>Provide the locations of any additional work areas that would be required to construct a cable pole south of Carmel Valley Road including the locations of stringing sites. Describe and provide the locations of any work that would be required on existing structures in Black Mountain Ranch Community Park in order to install the transmission line on an alternative cable pole south of Carmel Valley Road.</b>	Attachments ED12 – Q2(a)_Work Areas Map and ED12 – Q1(c)_GIS Data contain work areas for the south of Carmel Valley Road Cable Pole Alternative.
3	N/A	<p><b>Describe approach to construction and impacts to parking in Black Mountain Community Ranch Park.</b></p> <ul style="list-style-type: none"> <li>• What hours of the day and days of the week is SDG&amp;E proposing to construct within the park?</li> <li>• Will SDG&amp;E be able to maintain access to the back parking area throughout the duration of construction?</li> <li>• How will SDG&amp;E manage traffic into and out of the Black Mountain Ranch Community Park?</li> </ul> <p>Will there be temporary loss of parking within the park during construction, and if so, how many spaces and how long would there be loss of parking?</p>	<p>For the Proposed Project, the following text and attachments provide response for anticipated effects to the Black Mountain Ranch Community Park. Effects may differ for alternative cable pole locations.</p> <p><b>Anticipated Parking Impacts During Underground Trench Construction and Cable Pulling:</b>  Working hours will be established by the City of San Diego as part of the traffic control permit. SDG&amp;E anticipates the work hours will be between 7AM and 6PM weekdays. Trenching in the in Black Mountain Community Ranch Park will take 9 days total. Access to the back parking area will be impacted during construction of the trench between stations 161+00 and 162+00, which will require one full day and could impact approximately 68 parking spaces. The back area parking will be impacted again trenching from station 163+00 to the cable pole, at approximately station 167+50. This portion of trenching will take 5 days including setting the vault. During 2 days, approximately 68 parking spaces will be unavailable, and more than half (41 spaces) can be reopened for the remaining 3 days. The back parking area will also be impacted during cabling. Cabling will take approximately 25 days and will require closing the Northern Parking lot with the cul de sac (approximately 20 parking spaces).</p>

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			<p>During underground construction, traffic control will be used to maintain access to the Black Mountain Ranch Community Park. A specific traffic control plan will be developed and submitted to the City of San Diego for review and approval.  Refer to Attachment ED12 – Q3 for a map depicting these locations.</p> <p><b>Anticipated Closures For Overhead Construction and Wire Stringing:</b>  Due to proximity of pole P40A to the path providing access to the baseball field, the path will need to be closed during foundation construction for approximately 3 days during the hours of 7 AM To 7PM. The park can still remain open during these activities.  For installation of the cable pole P41, the Northern Parking lot with the Cul-De-Sac will need to be shut down for approximately 2 days.  In addition, the park is anticipated to be temporarily shut down for the following activities and durations during week days between the hours of 7AM to 7PM:</p> <table border="1" data-bbox="852 865 2011 1203"> <thead> <tr> <th data-bbox="852 865 1562 959">Activity</th> <th data-bbox="1562 865 1766 959">Park Closure</th> <th data-bbox="1766 865 2011 959">Approximate Duration (days)</th> </tr> </thead> <tbody> <tr> <td data-bbox="852 959 1562 1019">Existing H-Frame Removal and Topping off inside the park</td> <td data-bbox="1562 959 1766 1019">Yes</td> <td data-bbox="1766 959 2011 1019">1</td> </tr> <tr> <td data-bbox="852 1019 1562 1079">Installation of tangent pole (P40A)</td> <td data-bbox="1562 1019 1766 1079">Yes</td> <td data-bbox="1766 1019 2011 1079">2</td> </tr> <tr> <td data-bbox="852 1079 1562 1140">Existing Wire Removal</td> <td data-bbox="1562 1079 1766 1140">Yes</td> <td data-bbox="1766 1079 2011 1140">2</td> </tr> <tr> <td data-bbox="852 1140 1562 1203">Wire Stringing Operations (per circuit)</td> <td data-bbox="1562 1140 1766 1203">Yes</td> <td data-bbox="1766 1140 2011 1203">6</td> </tr> </tbody> </table> <p><b>SDG&amp;E Coordination:</b>  SDG&amp;E will coordinate with the authorized officer for Black Mountain Park to maintain safe working conditions and to maintain access to the park in a manner acceptable to the City of San Diego. Work within the access road to Black Mountain Park will be part of the Traffic Control Permit issued by the City of San Diego and SDG&amp;E will comply with the conditions of the Traffic</p>	Activity	Park Closure	Approximate Duration (days)	Existing H-Frame Removal and Topping off inside the park	Yes	1	Installation of tangent pole (P40A)	Yes	2	Existing Wire Removal	Yes	2	Wire Stringing Operations (per circuit)	Yes	6
Activity	Park Closure	Approximate Duration (days)																
Existing H-Frame Removal and Topping off inside the park	Yes	1																
Installation of tangent pole (P40A)	Yes	2																
Existing Wire Removal	Yes	2																
Wire Stringing Operations (per circuit)	Yes	6																

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			Control Permit. SDG&E will coordinate any park closures as needed in advance.
4	N/A	<b>Will a fence be required around the proposed cable pole in Black Mountain Ranch Community Park? If so, provide the location of the fence.</b>	A fence will be required around the new 230kV cable pole structure proposed to be located at the north edge of the Black Mountain Ranch Community Park. The preliminary fence location is depicted in the attached map (Attachment ED12 – Q4) and is included with the provided GIS data (Attachment ED12 – Q1(c)).
5	Data Request #10, Response #4	<b>Verify the structural adequacy of the existing double-circuit 230kV structures within the Segment C overhead alignment adjacent to I-805. Were the 230-kV structures along the alignment designed to support two 230kV transmission lines?</b>	The existing double circuit structures on Alternatives “Segment C” were designed to support bundled 1033.5 MCM ACSR “Ortolan” conductor on both circuits. However, the feasibility of installing new 48 count fiber OPGW (per CAISO specifications for the project) will still need to be evaluated once current LiDAR data is gathered for this segment during detailed design. The 48 count fiber is heavier and larger in diameter than the existing shield wire currently installed on the structures (One 10M-AW7 shield wire). Therefore, modification or replacement of existing structures may be required for Segment C of this alternative.
7	PEA Appendix 1-A	<b>Provide documentation of any additional agency outreach or follow-up conversations conducted by SDG&amp;E since submittal of the PEA to the CPUC.</b>	<p>The project team has developed and is implementing a comprehensive Public Involvement and Outreach Plan to support and enhance the project’s goals of ensuring that information about all aspects of the project are proactively and accurately disseminated on a timely and regular basis to residents, business owners and other interested stakeholders along the proposed route. Attachment ED12 – Q7 includes details of SDG&amp;E’s public outreach activities for the Project.</p> <p>Below is a summary of SDG&amp;E’s outreach activities since SDG&amp;E submitted the PEA to the CPUC in April 2014:</p> <ul style="list-style-type: none"> <li>• SDG&amp;E has been communicating with local elected officials who have jurisdiction within the project area, and other governmental, cultural and federal agencies. This communication includes four separate email notifications to introduce the project, requests for a statement of position, and notification that SDG&amp;E had been selected as the Project Sponsor and notification that our CPCN application had been filed.</li> <li>• Additionally, SDG&amp;E project staff have met with eight elected officials’ offices and had a</li> </ul>

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			<p>conference call with one other elected official's office.</p> <ul style="list-style-type: none"> <li>• On Thursday, April 17, 2014, SDG&amp;E project staff met with the newly elected Mayor of the City of San Diego Kevin Faulconer's staff, along with other City departments, including the Departments of Development Services, Transportation and Stormwater, Public Works, and Parks and Recreation. As a follow up to this meeting, SDG&amp;E staff met with additional Parks &amp; Recreation and Open Space Department employees on May 5, 2014.</li> <li>• The SDG&amp;E project team recently conducted a follow up meeting with Mayor Faulconer's staff and key city department personnel on April 13, 2015 to discuss specific engineering and construction activities within the Del Mar Mesa area and the Black Mountain Ranch Community Park.</li> <li>• SDG&amp;E has received letters acknowledging our meetings and requesting to be kept informed about the project from the following elected officials' offices: <ul style="list-style-type: none"> <li>o California State Assembly, District 77 - Assembly Member Brian Maienshein</li> <li>o City of San Diego Mayor's Office – Mayor Kevin Faulconer</li> <li>o City of San Diego Council President and former interim Mayor - Todd Gloria</li> <li>o San Diego City Council, District 5 - Council Member Mark Kersey</li> <li>o San Diego City Council, District 7 - Council Member Scott Sherman</li> <li>o City of Poway, Mayor's Office - Mayor Don Higginson</li> </ul> </li> <li>• SDG&amp;E conducted an Open House at the Hilltop Recreation Center, which is located along the proposed transmission line route, on June 4, 2014. The Open House hours were from 2:00 pm – 7:00 p.m. and the open house was attended by 32 people. A majority of the comments from attendees focused on EMF, aesthetics and property value concerns, or individual property map requests. An invitation to the Open House was sent via US Mail to</li> </ul>

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			<p>all customers within 300' of the Proposed Project.</p> <ul style="list-style-type: none"> <li>• On October 21, 2014, the SDG&amp;E project team provided a project overview to the Torrey Hills Community Planning Group. The group asked to be kept informed as approvals and activities unfold. Project public affairs staff will provide the group an additional update once the DEIR has been issued.</li> <li>• On November 14, 2014 SDG&amp;E sent out a geotechnical work notification to 90 property owners within 300 feet of all work activities.</li> <li>• On December 12, 2014 an application for a Coastal Development Permit (CDP) Waiver was submitted to the California Coastal Commission Energy Division in San Francisco for the geotechnical work located within the Coastal Zone. The Notice of CDP De Minimis Waiver (Permit No. 9-14-1912-W) was issued on December 22, 2014 and became effective on January 7, 2015.</li> <li>• SDG&amp;E coordinated with staff at the City of San Diego to obtain their concurrence for a consolidated review of the geotechnical CDP Waiver, resulting in a letter from Gary Geiler dated December 18, 2014 authorizing the consolidate review on behalf of the City of San Diego.</li> <li>• On January 30, 2015, SDG&amp;E engineering consultants met with City of San Diego engineering staff to review and discuss the underground portion of the project (Segment B) and the bridge attachment plans.</li> <li>• A dedicated toll free hotline, email and web page have been established and Regional Public Affairs Manager, Todd Voorhees has been identified as the primary public outreach point of contact. The email address is <a href="mailto:sxpq@semprautilities.com">sxpq@semprautilities.com</a> and the hotline number is 866-382-0886. A project-specific website has also been created to provide information to</li> </ul>

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			interested parties. The web site address is <a href="http://www.sdge.com/key-initiatives/sycamore-penasquitos-230kv-transmission-line-project">http://www.sdge.com/key-initiatives/sycamore-penasquitos-230kv-transmission-line-project</a> .