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October 18, 2013

Reg.12-10/A.13-09-014
SDG&E Salt Creek PTC

SENT VIA ELECTRONIC MAIL ONLY

CPUC-Energy Division
Attn: Mr. Jason Coontz
505 Van Ness Avenue
San Francisco, CA 94102

Panorama Environmental, Inc.
Attn: Laurie Hietter and Susanne Heim
One Embarcadero Center, Suite 740
San Francisco, CA 94111

Re: A.13-09-014 ED-SDG&E Preliminary Data Request 001 (Complete Data Response)

Dear Mr. Coontz and Ms. Hietter:

Attached please find SDG&E's complete response to Energy Division's Preliminary Data Request 001 dated October 4, 2013 ("Data Request"). **Please note that this response contains information considered confidential pursuant to PUC Section 583, General Order 66-C and any applicable Non-Disclosure Agreements.** The Data Request response has been marked confidential where relevant and should be treated as such.

Copies of this data request will be provided to Selena Huang, Public Utilities Regulatory Analyst, with the Division of Ratepayer Advocates per a data request (DRA-A.13-09-014-SDG&E 01) dated October 1, 2013. Information on Cultural Resources is not being provided to DRA at this time.

If you have any questions or require additional information, please feel free to contact me.

Sincerely,

Signed

Jennifer Pierce
Regulatory Case Administrator

Enclosures

cc: Allen Trial – SDG&E
Central Files - SDG&E
Estella De Llanos – SDG&E
Selena Huang - DRA

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The CPUC requests additional data related to the Salt Creek Substation Project (A. 13-09-014). These additional data will aid us in reviewing the Proponent's Environmental Assessment for completeness. The specific data needs and reports that are required are identified by resource area below.

Question 1: General

Please provide the MS Word files and GIS files used to prepare the PEA.

SDG&E Response to Q1:

The MS Word files of the PEA were transmitted to Jason Coontz via the CPUC's secure FTP website on Friday, October 11, 2013.

The following GIS shape files for the proposed project features were transmitted to Jason Coontz via the CPUC's secure FTP website on Friday, October 11, 2013. These shape files were used to create the Detailed Route Maps included in Appendix 3-B of the PEA, to create the figures included in Chapter 3 of the Project Description and in the environmental analysis. These shape files include:

- Existing wood pole structures (2)
- Proposed TL 6965 pole structures
- Proposed TL 6965 alignment
- Work pads
- Access
- Guard structures
- Stringing sites
- Staging yards
- Point locations for proposed potential Olympic Training Center staging yards
- New access road – near Miguel storage area
- Disturbed area at proposed Salt Creek Substation site
- Proposed Salt Creek Substation site property line
- Project related rack locations at Miguel Substation
- Existing transmission corridor Right-of-Way.

SDG&E has omitted certain shape files for the existing power line structures in the transmission corridor on the grounds that is not essential to preparation of the PEA and is protected by under North American Electric Reliability Corporation's Rules of Procedure, Section 1500 et seq. and other applicable Federal and State Laws and Regulations. SDG&E will make shape files for the existing transmission facilities available to the CPUC for inspection and copying upon specific request and reasonable necessity.

In addition, the following shape files were transmitted to Jason Coontz via the CPUC's secure FTP website on Friday, October 11, 2013:

- Biological resources

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- Habitat
- Species
- Waters
- Planning
- Other Project Related Data

The shape files for the Cultural Resource data are **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

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Question 2: Air Quality

Provide the input files used to conduct the air quality modeling.

SDG&E Response to Q2:

The Excel input files for Air Quality and Greenhouse Gas emissions modeling are attached below.



Salt Creek Maximum
Construction Emission:



Salt Creek
Simultaneous Constru

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Non-Disclosure Agreements; Confidential Non-Public Information exempted from
disclosure under federal and state law**

Question 3: Cultural Resources

Provide cultural resource survey reports covering the project area, including:

Question 3.1:

Bowden Renna, Cheryl. 2012a. Cultural Resources Survey for a Proponents Environmental Assessment (PEA) for the Salt Creek Substation and Transmission Line Improvement Project in the Otay Mesa Area of Southwestern San Diego County, California. Prepared by AECOM. Prepared for SDG&E.

SDG&E Response to Q3.1:

The Cheryl Bowden Renna Cultural Resources Survey Report is **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

Question 3.2:

Bowden Renna, Cheryl. 2012b. Revised Cultural Resources Survey for a Proponents Environmental Assessment (PEA) for the Salt Creek Substation and Transmission Line Improvement Project in the Otay Mesa Area of Southwestern San Diego County, California. Prepared by AECOM. Prepared for SDG&E.

SDG&E Response to Q3.2:

The Cheryl Bowden Renna Revised Cultural Resources Survey Report is **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

Question 3.3:

Bowden-Renna, Cheryl. 2013. Addendum 1: Revised Cultural Resources Survey for a Proponents Environmental Assessment (PEA) for the Salt Creek Substation and Transmission Line Improvement Project in the Otay Mesa Area of Southwestern San Diego County, California. Prepared by AECOM. Prepared for SDG&E. Bowden-Renna 2012b

SDG&E Response to Q3.3:

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The Cheryl Bowden Renna Addendum 1: Revised Cultural Resources Survey Report is **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

Question 3.4:

Clowery, Sara C., and Nicole Blotner. 2012. eTS #8360: TL 6910 Wood to Steel, Miguel to Pole 139635, Cultural Resources Inventory Report (HDR #137257). Prepared by HDR. Prepared for SDG&E. Report on file at SDG&E.

SDG&E Response to Q3.4:

The Sara Clowery and Nicole Blotner TL 6910 Cultural Resources Inventory Report is **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

Question 3.5:

Whittaker, James E. 2011. eTS #3845, Cultural Resources Results for Constraints Study for the Proposed Otay Ranch Substation, Chula Vista, San Diego County, California (DHR #143298-001). Prepared by HDR. Prepared for SDG&E. Report on file at SDG&E.

SDG&E Response to Q3.5:

The James Whittaker Cultural Resources Constraints Study is **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

SDG&E is also providing an additional cultural resource report referenced in the PEA that was not specifically requested in the Data Request. The HDR report prepared by Nicole Morgan dated January 26, 2011 eTS #20500: TL 13826 Miguel to Proctor Valley, W-S Pole Replacement Phase II Testing Report (HDR #139956) is **confidential** and were transmitted on Friday, October 11, 2013, by SDG&E's cultural resource consultant (AECOM) directly to the CPUC's cultural resource consultant Dale Schneeberger at Panorama Environmental, Inc. since cultural resource data is Confidential Non-Public Information exempted from disclosure under federal and state law.

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Question 4: Greenhouse Gases

Provide the input files used to conduct the greenhouse gas emissions modeling.

SDG&E Response to Q4:

The Excel input files for Air Quality and Greenhouse Gas emissions modeling are attached above in SDG&E's Response to Question 2: Air Quality.

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Question 5: Traffic and Transportation

Specify the method that was used to calculate the traffic volume and estimate trip generation during construction. Provide traffic calculations by trip type (e.g., import of aggregate, other truck trips, worker vehicles, etc.) and by phase (peak and non-peak periods of construction). Identify the level of service (LOS) on area roadways (i.e., A through F) for existing conditions and construction.

SDG&E Response to Q5:

The method that was used to calculate the traffic volume and estimate trip generation during construction was a qualitative method based upon input and guidance from the City of Chula Vista and consistent with prior SDG&E and CPUC projects of a similar nature. Based on conversations with the City of Chula Vista Traffic Engineer (Dave Kaplan, August 27, 2012 phone conversation) and the City's traffic study guidelines (see attached Traffic Impact Study Guidelines Section II), modeling of traffic patterns and LOS calculations were not necessary due to the short duration of the project construction, low volume of traffic anticipated (less than 2,400 daily or 200 peak hour trips), and the fact that even a worst case scenario (i.e. all construction traffic traveling down one roadway) would not result in an unacceptable LOS (below LOS C) on a given roadway segment. This qualitative analysis is consistent with the analysis in the recent PEAs for the Mira Sorrento Substation (City of San Diego) and the South Bay Substation (City of Chula Vista).

Traffic estimates by trip type (e.g. haul truck, delivery truck, foreman pickup truck, etc) and broken out by each project component and by week of construction (e.g. phase) are provided in the attached Excel document below. Truck trips specifically for aggregate were not distinguished from other large haul/dump vehicles in the table. However, as reflected in each table for the Salt Creek Substation construction in the attached Excel document, dump/haul truck trips for "Site Access Road and Grading" were estimated and include the structural fill and aggregate import trips.

Upon further review of the information outlined in the traffic section of the PEA when compared to the traffic estimates provided herein, the grading estimate of 27 trucks daily for the Salt Creek Substation project (page 4.16-9) is considered to be an average over the six month site development period rather than a maximum. The maximum number of haul truck trips during peak hauling periods of the grading operations could be up to approximately 120 trips.

Per your request, Table 4.16-1 in the PEA has been updated to show existing level of service (LOS) on area roadways, and is attached below. As seen in the revised table, all area roadways are operating at the best possible of service (LOS A) with the exception of 2 roadways, which are operating at LOS B.



sigCRITERIAAdraft2-12
cls.doc



Salt Creek Traffic
Trips 101713.xlsx



Salt Creek Traffic
Revised 4 16 1 A table

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Additional Biological Survey Information:

The 2013 protocol surveys reports for Quino checkerspot butterfly and western burrowing owl were not included in the PEA document and are attached below as part of this Data Request Response. These reports include:

- 2013 Western Burrowing Owl Summary Report for Salt Creek Substation and Power Line Project, Chula Vista, California prepared by AECOM dated September 13, 2013
- 45-Day Summary Report of 2013 Focused Surveys for the Quino Checkerspot Butterfly for the Proposed Salt Creek Substation Project for SDG&E prepared by AECOM dated August 30, 2013

The shape files for the 2013 protocol surveys for Quino checkerspot butterfly and western burrowing owl are also attached below.



2012-60248948 Salt
Creek WBO Report_2C



60248948
Salt_Creek_2013_QCE



WBO_2013.zip



QCB_2013.zip