

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



March 1, 2017

VIA MAIL AND EMAIL

Ms. Rebecca Giles
Regulatory Case Administrator
San Diego Gas & Electric Company
8330 Century Park Court
San Diego, CA 92123-1530
SUBJECT: Data Request #1 for the Artesian Substation Expansion Project

Dear Ms. Giles:

As the California Public Utilities Commission (CPUC) proceeds with our environmental review for San Diego Gas & Electric Company's (SDG&E)'s Artesian Substation Expansion Project (Proposed Project), we have identified additional information required in order to adequately conduct the CEQA review. Please provide the information requested below (Data Request #1) by March 17, 2017.

In addition to the aforementioned information, the Energy Division may request additional data, as necessary, to prepare a complete an adequate analysis of the potential environmental effects of the Project in accordance with the requirements of CEQA.

Please do not hesitate to call me at (415) 703-3221 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Barnsdale".

Andrew Barnsdale
Project Manager for the Artesian 230kV Substation Expansion Project
Energy Division

cc: Mary Jo Borak, CPUC Energy Division
Julie Watson, ESA

Attachment:

- 1) Data Request No. 1

Data Request #1 Artesian 230kV Substation Expansion Project

1. For 2016, SDG&E forecasted that approximately 82 percent of the Poway Area Load Pocket load would be supplied by the three 69kV power lines out of the Sycamore Canyon Substation (TL6920, TL6915, and TL6924)". If available please provide actual power supply numbers or advise when 2017 estimates will be available.
2. Confirm the total area of proposed permanent and temporary project disturbance for each project component, in one table with all components listed, including:
 - a. project components (Artesian, Bernardo, Rancho Carmel, detention basin)
 - b. substation getaways
 - c. reconductoring route
 - d. all permanent and temporary staging and working areas
 - e. stringing and pulling sites
 - f. poles installation work areas
 - g. guard structure locations
 - h. underground power lines
 - i. roads (temporary and permanent)
 - j. splice vault man holes
 - k. any other areas that will be disturbed by the project. Please provide maximums if precise area is unknown

Provide final maximum built project footprint for the expanded Artesian site including impervious surface area. (Although PEA Appendix 3A design was provided, the public version does not provide adequate detail to allow reader to understand specifics.)

3. Provide a substation layout figure or plot plan to show approximate location, dimensions and layout of main substation components.
4. Explain which "different light types" would be used for wall/control shelters and deadend structures and why (PEA page 3-20).
5. Text refers to "the ultimate Artesian 230/69kV construction". Is this part of the proposed project or some future phase that is not being considered now? We request clarification regarding proposed construction phases. (Text in PEA says four phases for construction of expanded Artesian substation, PEA Appendix 3-F shows a different proposed schedule, consisting of 10 phases) (PEA page 3-20).
6. In order to be included in the project and the CEQA analysis at minimum staging yards must be identified by potential proposed location on project route map (Figure 2-7/PEA Appendix 3-B). Confirm if the 5-acre portion of Carmel Valley Road Staging Yard (PEA page 3-23) will be used.
7. Clarify what BMPs would be used for staging yard surfacing (PEA 3-22)
8. Clarify or detail roles and providers of (construction) bio monitor and (post construction) habitat restoration specialist.
9. PEA Page 3-25 Clarify why the expanded Artesian substation is described as "an exception"- this is within SDG&E property. Is a new ROW or zoning change required for the adjacent parcel? Provide more details as to what each of

the tables (PEA Table 3-4 and 3-5) are intended to illustrate and explain details, eg what the two different acreages given for the Artesian Substation expansion represent.

10. Descriptions of work areas for roads, roads in general, and in the data provided in the PEA are unclear and somewhat confusing e.g.. Distances given for access (PEA page 3-27) "Foot paths (0.07 mile), overland travel (0.12 mile), and existing access roads (4.0 miles)" cannot be reconciled with data provided in Table 3-6. Clarify acreage and distance numbers in Tables 3-5 and 3-6 and associated text. It is also not clear which roads are described in each section and/or table and whether these are new or existing and if the roads listed in one table are different from those listed in the other. Provide one table that lists all roads created/ impacted by the project and which includes relevant details for each road such as road type, size, area of disturbance, existing or new etc. If available please provided GIS data for temporary and permanent road impact areas. If this is not available provide instructions on how to calculate the areas to match the values in Table 3-5.
11. Please confirm if helicopter use is part of the project. If so provide details of location and hours of use. Confirm if helicopters would be used at night.
12. Is there an existing NPDES permit or link to appropriate permit for stormwater discharges associated with construction? If so, please provide this. Is there an applicable current, or likely application for a solid waste disposal permit.
13. Please advise the likely locations for soil disposal?
14. What are the specific fire break clearance requirements referred to in post construction section?
15. Describe what pole top removal activities would involve.
16. Provide more details on what concrete piers are used for and which project components these relate to.
17. Confirm any potential locations where blasting could be used.
18. Provide more details about the construction of Artesian getaways. Specifically construction method and sequences and road/lane closure with respect to Camino Del Sur.
19. Provide splice vault dimensions.
20. PEA Appendix 3-D contains structure details including approximate heights of all proposed project features, please confirm that heights (listed as approximate) are maximum.
21. Traffic Data. There is an inconsistency in Table 5.16-9 for Rancho Bernardo from Camino San Bernardo to Matinal Road. Existing conditions in this table show LOS C, whereas it's noted as LOS B in the text and also in Table 5.16-2.
22. Traffic: Table 5.16-9 (Impacts, p. 19): Camino Del Sur between Four Gee Road and Rancho Bernardo Road is shown to be operating at LOS B for existing conditions and LOS C for Existing Plus Project conditions. This is inconsistent with the description in the text, where it is stated that the roadway segment operates at LOS A for existing conditions and LOS B for Existing Plus Project. Table 5.16-2 (Setting, p. 7) also states that this roadway segment operates at LOS A for existing conditions.