

July 16, 2014

Mr. Matthew Fogelson
Attorney
Pacific Gas and Electric Company
77 Beale Street
P.O. Box 7442, B30A
San Francisco, CA 94120-7442

RE: Data Request #10 for Pacific Gas and Electric Company's Application for a Permit to Construct the Santa Cruz 115-kilovolt Reinforcement Project (A. 12-01-012)

Dear Mr. Fogelson:

The California Public Utilities Commission (CPUC) requests additional data related to the Santa Cruz 115-kV Reinforcement Project (A.12-01-012), as described below.

General

1. In PG&E's comment letter on the project's Draft IS/MND, PG&E stated that a formal wetland delineation has been completed (bottom of page 5). Please provide the updated Wetlands Delineation Report and related GIS files.
2. Please provide any meeting notes between PG&E and the Central Water District concerning potential impacts on CWD water lines. Please provide notes on meetings with Santa Cruz County Public Works Department, and any other agencies for consultations that have occurred since the Draft IS/MND circulation.
3. Please provide the final FAA determinations for the project poles.
4. Please provide a Magnetic Field Management Plan for the project that addresses PG&E's EMF Utility Guidelines and the specific measures that have been incorporated into this project.

Alternatives

5. Under the No Project Alternative, the project would not be implemented. In this case, would PG&E implement some type of system alternative as a temporary fix as demand increases? Please provide a description of what this system alternative would be, if applicable. If PG&E could/would not make any other changes, please explain why and the consequences of not making any changes to reliability, growth, etc.
6. For Alternative 1 (Southern Alignment Overhead Line), please provide the number of new corten steel poles to be installed, the average height of the corten steel poles, how many existing wooden pole structures would be replaced, and the average height of the wooden pole structures to be replaced.
7. Please provide a description of an additional alternative or alternatives along the Southern Alignment. An option may include undergrounding the portion of the alignment near the

gas pipeline to avoid installation of the overhead lines in a new alignment that requires substantial tree removal and impacts to homes/extensive new easements. Were other alignments along the southern route that reduce visual impacts considered, and if so, can you describe these alignments?

8. For Alternative 4D (Undergrounding Cox Road, Day Valley Road, and McDonald Road Segments), please provide the following information:
 - a. Provide a detailed description of the purpose of the retaining walls around the riser pole locations, including a justification for the material and height of the walls.
 - b. Provide a rationale for the location of the underground vaults – can the vaults be moved to a location where fewer trees would be impacted?
 - c. Describe how access to properties would be maintained during construction (e.g., how steel plates would be used and the time it takes to plate trenches to allow residential access).
 - d. Describe the potential road closure scenarios on along East Cox Road, McDonald Road, and Day Valley Road during construction – what is the maximum amount of time that the road could be closed?
 - e. Describe the safety/access measures that PG&E will implement to ensure emergency services during road closures, including measures for residences and the coordination with the local emergency service providers.
 - f. Describe the safety/access measures that PG&E will implement for school children traveling to school or returning home after the start and/or before the end of the construction work day.
 - g. Clarify whether the underground work would be simultaneous with the overhead work and whether the 17 months within a 22-month window construction schedule applies only to the undergrounding portion or the entire alternative (including the overhead).
 - h. Describe the potential road closure scenarios for operation/maintenance activities such as inspections; specifically, frequency, duration, and access/safety impacts from road closures
 - i. Please provide GIS files of the underground alignment section – specifically the location of the riser poles, retaining walls, and vaults located off of the roadway.
9. For Alternative 4C (West Cox Road), please provide the length of the alignment that would be located outside of existing ROW.
10. For Alternative 4E (White Road), please provide confirm that this alternative may displace one residence on Bens Way and two residences on White Road as a result of the new ROW required but the line could be located to avoid direct impacts to these residences. Please provide information on whether these residences would be impacted.
11. For Alternative 4F (power corridor west of Highway 1), please provide the length of the alignment that would be located outside of existing ROW.

Please contact me if you have any questions regarding this data request.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tania Treis".

Tania Treis, Principal
Panorama Environmental, Inc.

cc: Matthew Fogelson, PG&E
Lisa Orsaba, CPUC