

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



Robert Donovan
Pacific Gas and Electric
77 Beale Street
San Francisco, California 94105
(Email: RJDt@pge.com)

August 21, 2018

Subject: Pacific Gas and Electric Company Martin Substation Extension/Egbert Switching Station Project (Application No. 17-12-021) - Data Request No. 4

Dear Mr. Donovan:

The California Public Utilities Commission (CPUC), with technical assistance from Dudek, has reviewed Pacific Gas and Electric's responses to the Data Request (DR) 3.0, dated June 7, 2018, and the Health Risk Assessment (HRA) (DR #3, Question 2.b) on July 24, 2018 (date CD received with all files). Based on review of the responses provided, further clarification on the HRA is required before the application and supporting documentation is determined to be complete. Attachment A identifies the required additional clarification needed.

We would appreciate your response to the requested information in Attachment A in support of the analysis for the Egbert Switching Station Project (Martin Substation Extension) be provided to Eric Chiang (CPUC Energy Division) and Wendy Worthey (Dudek) by September 7, 2018. Within 14 days of receipt of the information requested in Attachment A, the CPUC will review and determine if it is adequate to accept the Certificate of Public Convenience and Necessity application and supporting documentation as complete. At any point in this process, the CPUC reserves the right to ask for additional information.

If you have any questions regarding this letter or need additional information, please contact me at 415.703.1956 or eric.chiang@cpuc.ca.gov.

Sincerely,

Eric Chiang, CPUC Project Manager

cc: Brandon Liddell (PG&E: via email)
Wendy Worthey and Rica Nitka (Dudek: via email)

Att.: Attachment A: Certificate of Public Convenience and Necessity – A.17-12-021 Egbert Switching Station Project (Martin Substation Extension) Data Request No. 4

ATTACHMENT A

*Certificate of Public Convenience and Necessity –
A.17-12-021 Egbert Switching Station Project (Martin
Substation Extension) Data Request No. 4*

ATTACHMENT A
Certificate of Public Convenience and Necessity – A.17-12-021
Egbert Switching Station Project (Martin Substation Extension)
Data Request No. 4

1. Health Risk Assessment

- a. The HRA analysis assumes a horizontal stack release that reduces the vertical plume rise, but assumes point sources with exit velocity and temperature that result in greater plume rise (and thus greater dispersion and less exposure). If this approach is taken, rather than the volume sources methodology recommended by multiple air districts,¹ please provide the following:
1. Consult with the Bay Area Air Quality Management District on this approach to document support for this approach/source assumptions.
 2. Provide citation for the stack release parameters: “Stack release parameters consisted of a stack release temperature of 533 degrees Kelvin (K; 500 degrees Fahrenheit [°F]), a stack diameter of 0.127 meters (5 inches), and a release height of 4.6 meters (15 feet) based on data for typical construction equipment.”

¹ For instance, the Sacramento Metropolitan Air Quality Management District has included this recommendation in its guidance for particulate matter dispersion modeling (<http://www.airquality.org/LandUseTransportation/Documents/Ch3PMDispersionModelingGuidanceFINAL7-2013.pdf>).

ATTACHMENT A (Continued)

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