



## PROJECT OVERVIEW

# Cabrillo-Santa Ynez 115kV Reconductoring Project

Pacific Gas and Electric Company (PG&E) is planning the Cabrillo-Santa Ynez 115kV Reconductoring Project to improve line reliability for the Lompoc, Solvang, Buellton, and Santa Ynez area. The power line has deteriorated and corroded and the power line is now brittle and prone to repeated failures.

- **Reconductoring:** This project would reconductor 14.1 miles of an existing 14.6 mile power line. The 115kV power line runs from Cabrillo Substation on the east side of Lompoc, CA to Santa Ynez Switching Station, north of Buellton, CA. The existing conductor would be replaced with a new, heavier conductor.
- **Pole Replacement:** Of the existing 133 poles throughout the project route, 125 wood poles would be replaced with light duty, direct buried steel poles. The new poles would have a surface treatment designed to render the appearance of natural weathering. New poles would approximately the same height as existing poles, except at the SR 246 crossing and in the proximity of the residential development on the east end of the project. The poles at these locations would be up to 5 to 12 feet taller on average than the existing poles to provide adequate ground clearance for the new conductor.
- **Access Roads:** Several of PG&E's existing access roads would need to be re-established to perform reconductoring work and maintain the power line. Vegetation along these access roads would be trimmed or cleared using equipment that typically would not result in ground disturbance. No major grading or slope alteration would be necessary to re-establish access roads.
- **Construction and Schedule:** Construction is scheduled to start in April 2010, with a projected completion date around June 2011. No summer outages would occur; therefore, not all reconductoring and pole replacement activities could be scheduled to occur within a single "dry" season. Activities would be sequenced to avoid potential impacts to the environment.

Comments or questions regarding the proposed project are welcome and can be submitted until 5p.m. February 8, 2010. Comments and questions can be submitted tonight in writing or at a later date via mail, email, or fax. Contact information is provided below:

**Ms. Billie Blanchard**

California Public Utilities Commission

c/o RMT, Inc.

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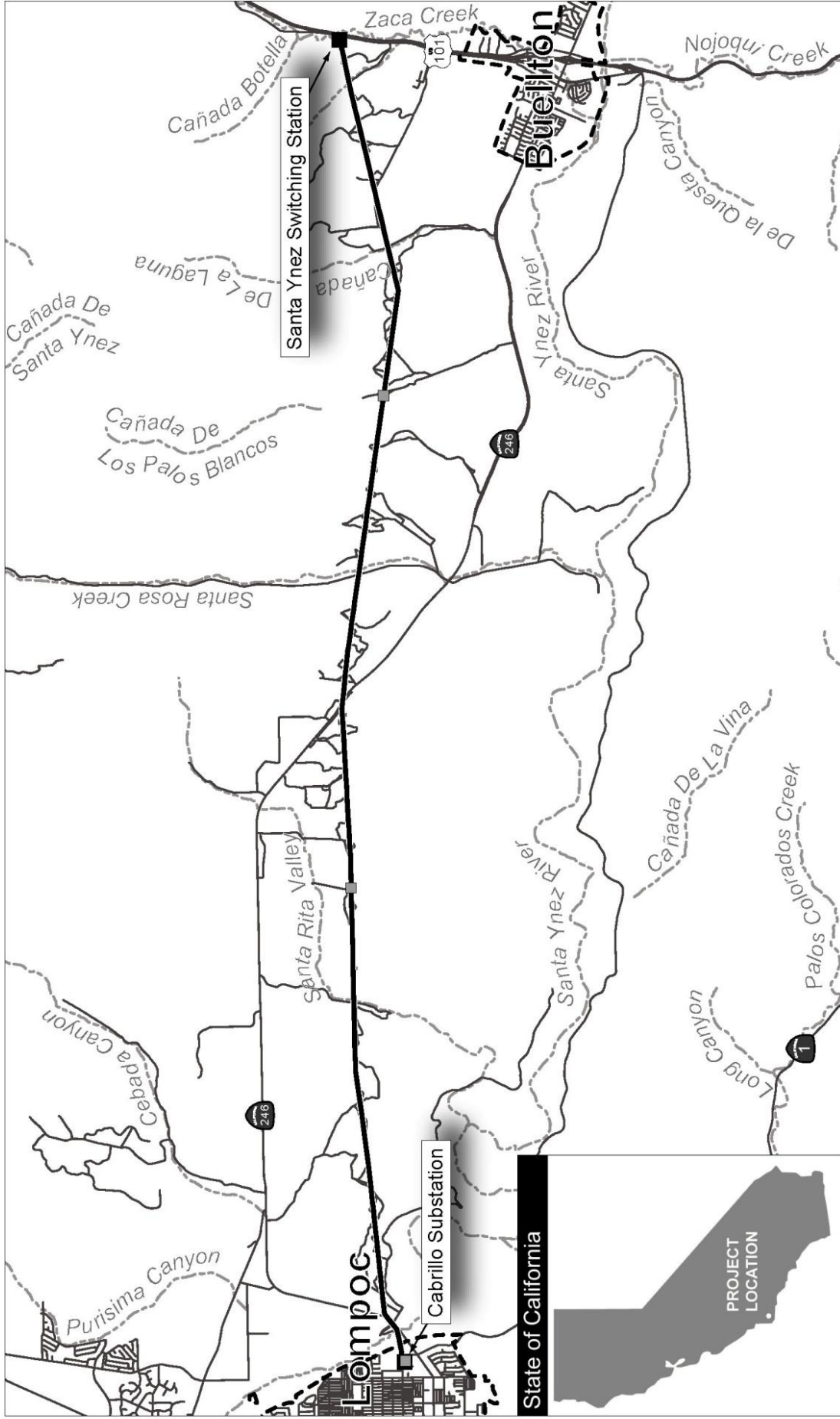
Voicemail: (650) 340-4870

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For more information regarding this project or to view a copy of the Initial Study/Mitigated Negative Declaration (IS/MND), please visit our website.

<http://www.cpuc.ca.gov/Environment/info/mha/cabrillosantaynez/CabrilloSantaYnez.htm>

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SOURCE: PG&E 2009 and RMT Inc. 2010

**LEGEND**

- U.S. Highway
- State Route
- N  
W E S

- Powerline
- Creeks and Rivers
- Road
- Substation
- Staging Area

Note: symbols not to scale

