

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298

Tel. No. (415) 703-1691



August 17, 2004

Advice Letter 2529-E

Rose de la Torre  
Pacific Gas & Electric  
77 Beale Street, Room 1088  
Mail Code B10C  
San Francisco, CA 94105

Subject: Ravenswood – Ames #1 and #2 115 kilovolt transmission reinforcement project

Dear Ms Smith:

Advice Letter 2529-E is effective August 15, 2004. A copy of the advice letter is returned herewith for your records.

Sincerely,

A handwritten signature in cursive script that reads "Paul Clanon".

Paul Clanon, Director  
Energy Division



**Pacific Gas and  
Electric Company**

**Brian K. Cherry**  
Director  
Regulatory Relations

77 Beale Street, Room 1087  
San Francisco, CA 94105

*Mailing Address*  
Mail Code B10C  
P.O. Box 770000  
San Francisco, CA 94177

415.973.4977  
Internal: 223.4977  
Fax: 415.973.7226  
Cellular: 415.517.5067  
Internet: BKC7@pge.com

July 6, 2004

**Advice 2529-E  
(Pacific Gas and Electric Company ID U39 E)**

Public Utilities Commission of the State of California

**Subject: Submits Notice of Construction, Pursuant to General Order  
131-D, for the Construction of the Ravenswood – Ames #1 and  
#2 115 Kilovolt (KV) Transmission Reinforcement Project**

Pacific Gas and Electric Company hereby submits notice pursuant to General Order (G.O.) 131-D, Section XI, Subsection B.4, of the construction of facilities that are exempt from a Permit to Construct.

**Purpose**

This advice letter provides a copy of the Notice of Proposed Construction (Attachment I) and the Notice Distribution List, which comply with the noticing requirements found in G.O. 131-D, Section XI.

**Background**

Pacific Gas and Electric Company (PG&E) is proposing to replace existing wires (conductor) on approximately seven miles of the Ravenswood – Ames #1 and 2 115 kilovolt (kV) Transmission Lines in San Mateo and Santa Clara Counties in order to improve electric system reliability and meet the California Independent System Operator's (CAISO) requirements. The seven-mile section of line to be reconducted begins at the Ravenswood Substation, located along Highway 84 near the west end of the Dumbarton Bridge in San Mateo County, and continues south along the western edge of the San Francisco Bay to the Ames Substation, located within the perimeter of the Moffett Federal Airfield in Santa Clara County. In order to accommodate the new conductor, twelve towers will be raised approximately ten-feet to maintain the required clearances over water and ground. Construction is expected to begin on September 1, 2004, or as soon thereafter as possible, and to be completed by January 31, 2005, or as soon thereafter as possible.

This project qualifies as exempt from Certificate of Public Convenience and Necessity filing requirements, pursuant to G.O. 131-D, Section III, Subsection B, which exempts, "the replacement of existing power line facilities or supporting structures with equivalent facilities or structures", "the placing of new or

additional conductors, insulators, or their accessories on supporting structures already built", and "power line facilities or substations to be located in an existing franchise, road-widening setback, easement, or public utility easement."

Additionally, G.O. 131-D requires utilities to employ "no cost" and specified "low cost" measures to reduce public exposure to electric and magnetic fields (EMFs). The following measures are proposed for this project:

- Because there are no EMF mitigation measures available on this project that would meet the CPUC's benchmark of 4% or less of the total project cost, no "no cost" or "low cost" measures will be employed.

This filing will not increase any rate or charge, cause the withdrawal of service, or conflict with any other rate schedule or rule.

### Protests

Anyone wishing to protest this filing may do so by filing a protest with the CPUC and the Company by **July 26, 2004**, at the following address:

Director, Energy Division  
California Public Utilities Commission  
505 Van Ness Avenue, Fourth Floor  
San Francisco, California 94102  
Facsimile: (415) 703-2200

In addition, protests and all other correspondence regarding this advice letter should also be sent by letter and transmitted via facsimile to the attention of:

David T. Kraska  
Attorney, Law Department  
Pacific Gas and Electric Company  
P.O. Box 7442  
San Francisco, California 94120  
Facsimile (415) 973-0516

Brian K. Cherry  
Director, Regulatory Relations  
Pacific Gas and Electric Company  
P.O. Box 770000, Mail Code B10C  
San Francisco, California 94177  
Facsimile (415) 973-7226  
E-Mail: RXDd@pge.com

Persons or groups may protest the proposed construction if they believe that the Company has incorrectly applied for an exemption or that the conditions set out in G.O. 131-D, Section III.B.2 exist.

**Effective Date**

PG&E requests that this advice filing become effective on **August 15, 2004**, which is 40 days after the date of filing. (In accordance with G.O. 131-D, construction will not begin until 45 days after notice is first published.)

**Notice**

In accordance with G.O. 96-A, Section III, Paragraph G, PG&E is electronically and postal mailing copies of this advice letter to the utilities and interested parties shown on the attached list, including the parties listed in G.O. 131-D, Section XI, Paragraphs B.1 and B.2. These parties are identified in the "Notice Distribution List" included in Attachment I. Address change requests should be directed to Sharon K. Tatai (415) 973-2788. Advice letter filings can also be accessed electronically at

<http://www.pge.com/tariffs/>

  
Director -- Regulatory Relations

Attachments

cc: Parties Listed in G.O. 131-D, Paragraphs B.1 and B.2

## NOTICE OF PROPOSED CONSTRUCTION

**PROJECT NAME: RAVENSWOOD – AMES #1 AND 2 115 KILOVOLT (KV) TRANSMISSION REINFORCEMENT PROJECT**  
**ADVICE LETTER NUMBER: 2529-E**

**Proposed Project:** Pacific Gas and Electric Company (PG&E) is proposing to replace existing wires (conductor) on approximately seven miles of the Ravenswood – Ames #1 and 2 115 kilovolt (kV) Transmission Lines in San Mateo and Santa Clara Counties in order to improve electric system reliability and meet the California Independent System Operator's (CAISO) requirements. The seven-mile section of line to be reconducted begins at the Ravenswood Substation, located along Highway 84 near the west end of the Dumbarton Bridge in San Mateo County, and continues south along the western edge of the San Francisco Bay to the Ames Substation, located within the perimeter of the Moffett Federal Airfield in Santa Clara County. In order to accommodate the new conductor, twelve towers will be raised approximately ten-feet to maintain the required clearances over water and ground. Construction is expected to begin on September 1, 2004, or as soon thereafter as possible, and to be completed by January 31, 2005, or as soon thereafter as possible.

**Electric and Magnetic Fields (EMF):** Pacific Gas and Electric Company will employ "no cost" and specified "low cost" measures to reduce public exposure to EMF in accordance with California Public Utilities Commission (CPUC) Decision 93-11-013 and Pacific Gas and Electric Company's "EMF Design Guidelines of New Electrical Facilities: Transmission, Substation, and Distribution." The following measure(s) is proposed for this project:

- Because there are no EMF mitigation measures available on this project that would meet the CPUC's benchmark of 4% or less of the total project cost, no "no cost" or "low cost" measures will be employed.

**Exemption from CPUC Authority:** CPUC General Order 131-D, Section III, B exempts projects meeting specific conditions from the CPUC's requirement to file an application requesting authority to construct. Pacific Gas and Electric Company believes this project qualifies for the following exemption(s):

- the replacement of existing power line facilities or supporting structures with equivalent facilities or structures,
- the placing of new or additional conductors, insulators, or their accessories on or replacement of supporting structures already built,
- power line facilities or substations to be located in an existing franchise, road-widening setback, easement, or public utility easement.

**Public Review Process:** Persons or groups may protest the proposed construction if they believe that Pacific Gas and Electric Company has incorrectly applied for an exemption or that the conditions set out in Section III.B.2 of General Order 131-D exist;

- a. There is reasonable possibility that the activity may have an impact on an environmental resource of hazardous or critical concern where designated, precisely mapped and officially adopted pursuant to law by federal, state, or local agencies; or
- b. The cumulative impact of successive projects of the same type in the same place, over time, is significant; or
- c. There is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.

Protests should include the following:

1. Your name, mailing address and daytime telephone number.
2. Reference to the CPUC Advice Letter Number and Project Name.
3. A clear description of the reason for the protest.
4. Whether you believe that evidentiary hearings are necessary to resolve factual disputes.

***Protests for this project must be filed by July 26, 2004, at the following address:***

Director, Energy Division  
 California Public Utilities Commission  
 505 Van Ness Avenue, Fourth Floor  
 San Francisco, California 94102

With a copy mailed to:

David Kraska, Law Department  
 Pacific Gas and Electric Company  
 P.O. Box 7442  
 San Francisco, California 94120

Pacific Gas and Electric Company must respond within five business days of receipt and serve copies of its response on each protestant and the Energy Division. Within 30 days after Pacific Gas and Electric Company has submitted its response, the Executive Director of the CPUC will send you a copy of an Executive Resolution granting or denying the request and stating the reasons for the decision.

**Assistance in Filing a Protest:** For assistance in filing a protest, contact the CPUC Public Advisor in San Francisco at (415) 703-2074 or 1-866-849-8390 (toll-free) or TTY (415) 703.5258 or [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)

**Additional Project Information:** To obtain further information on the proposed project, please call Pacific Gas and Electric Company's Project Information Line at (415) 973-5530.

**Notice Distribution List**

**RAVENSWOOD – AMES #1 AND 2 115 KILOVOLT (kV) TRANSMISSION  
REINFORCEMENT PROJECT  
COUNTIES OF SAN MATEO AND SANTA CLARA**

**Advice 2529-E**

**Energy Commission**

Mr. Bob Therleksen, Executive Director  
California Energy Commission  
1516 Ninth Street, Mail Stop 39  
Sacramento, California 95814

Mr. Terry O'Brien, Deputy Director  
California Energy Commission  
1516 Ninth Street, Mail Stop 39  
Sacramento, California 95814

Ms. Arlinda Heineck, Community Development Director  
City of Menlo Park  
701 Laurel Street  
Menlo Park, California 94025

Ms. Maria Banico, Planning Division Manager  
East Palo Alto Community Development Department  
2200 University Avenue  
East Palo Alto, CA 94303

Mr. Steve Emslie, Director of Planning and Community Environment  
City of Palo Alto  
250 Hamilton Avenue, 5th Floor  
Palo Alto, California 94301

Ms. Elaine Costello, Director  
Mountain View Community Development Department  
500 Castro Street  
Mountain View, California 94039 - 7540

Ann Draper, Planning Director  
Santa Clara County  
70 West Hedding Street, 7<sup>th</sup> Floor  
San Jose, California 95110

**Newspaper**  
**San Mateo County Times**  
**San Jose Mercury News**

**PG&E Electric Advice Filing List  
General Order 96-A, Section III(G)**

ABAG Power Pool  
Aglet Consumer Alliance  
Agnews Developmental Center  
Ahmed, Ali  
Alcantar & Elsesser  
Anderson Donovan & Poole P.C.  
Applied Power Technologies  
APS Energy Services Co Inc  
Arter & Hadden LLP  
Avista Corp  
Barkovich & Yap, Inc.  
BART  
Bartle Wells Associates  
Blue Ridge Gas  
Bohannon Development Co  
BP Energy Company  
Braun & Associates  
C & H Sugar Co.  
CA Bldg Industry Association  
CA Cotton Ginners & Growers Assoc.  
CA League of Food Processors  
CA Water Service Group  
California Energy Commission  
California Farm Bureau Federation  
California ISO  
Calpine  
Calpine Corp  
Calpine Gilroy Cogen  
Cambridge Energy Research Assoc  
Cameron McKenna  
Cardinal Cogen  
Cellnet Data Systems  
Childress, David A.  
City of Glendale  
City of Healdsburg  
City of Palo Alto  
City of Redding  
CLECA Law Office  
Constellation New Energy  
CPUC  
Creative Technology  
Crossborder Inc  
CSC Energy Services  
Davis, Wright Tremaine LLP  
Davis, Wright, Tremaine, LLP  
Defense Fuel Support Center  
Department of the Army  
Department of Water & Power City  
Dept of the Air Force  
DGS Natural Gas Services  
DMM Customer Services  
Downey, Brand, Seymour & Rohwer  
Duke Energy  
Duke Energy North America

Duncan, Virgil E.  
Dutcher, John  
Dynegy Inc.  
Ellison Schneider  
Energy Law Group LLP  
Enron Energy Services  
Exeter Associates  
Foster, Wheeler, Martinez  
Franciscan Mobilehome  
Future Resources Associates, Inc  
GLJ Energy Publications  
Goodin, MacBride, Squeri, Schlotz &  
Gruneich Resource Advocates  
Hanna & Morton  
Heeg, Peggy A.  
Hogan Manufacturing, Inc  
House, Lon  
Imperial Irrigation District  
Integrated Utility Consulting Group  
International Power Technology  
J. R. Wood, Inc  
JTM, Inc  
Kaiser Cement Corp  
Korea Elec Power Corp  
Marcus, David  
Masonite Corporation  
Matthew V. Brady & Associates  
Maynor, Donald H.  
McKenzie & Assoc  
McKenzie & Associates  
Meek, Daniel W.  
Mirant California, LLC  
Modesto Irrigation Dist  
Morrison & Foerster  
Morse Richard Weisenmiller & Assoc.  
New United Motor Mfg, Inc  
Norris & Wong Associates  
North Coast Solar Resources  
Northern California Power Agency  
PG&E National Energy Group  
Pinnacle CNG Company  
PPL EnergyPlus, LLC  
Price, Roy  
Product Development Dept  
Provost Pritchard  
R. M. Hairston & Company  
R. W. Beck & Associates  
Recon Research  
Regional Cogeneration Service  
RMC Lonestar  
Sacramento Municipal Utility District  
SCD Energy Solutions  
Seattle City Light  
Sempra

Sempra Energy  
Sequoia Union HS Dist  
SESCO  
Sierra Pacific Power Company  
Silicon Valley Power  
Simpson Paper Company  
Smurfit Stone Container Corp  
Southern California Edison  
SPURR  
St. Paul Assoc  
Stanford University  
Sutherland, Asbill & Brennan  
Tabors Caramanis & Associates  
Tansev and Associates  
Tecogen, Inc  
TFS Energy  
TJ Cross Engineers  
Transwestern Pipeline Co  
Turlock Irrigation District  
United Cogen Inc.  
URM Groups  
Utility Cost Management LLC  
Utility Resource Network  
Wellhead Electric Company  
Western Hub Properties, LLC  
White & Case  
WMA