

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

Tel. No. (415) 703-1691



May 23, 2005

Advice Letter 2641-E

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

Subject: Shiloh I – 230 kV interconnection, Montezuma Hills

Dear Ms de la Torre:

Advice Letter 2641-E is effective May 2, 2005. A copy of the advice letter is returned herewith for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "S H Gallagher".

Sean H. Gallagher, Director
Energy Division



**Pacific Gas and
Electric Company®**

Brian K. Cherry
Director
Regulatory Relations

77 Beale Street, Room 1087
San Francisco, CA 94105

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Mail Code B10C
Pacific Gas and Electric Company
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March 23, 2005

**Advice 2641-E
(Pacific Gas and Electric Company ID U39 E)**

Public Utilities Commission of the State of California

**Subject: Notice of Proposed Construction of Facilities Pursuant to
General Order 131-D, Shiloh I - 230 kV Interconnection,
Montezuma Hills**

Pacific Gas and Electric Company (the 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

Proposed Project:

Pacific Gas and Electric Company (PG&E Co.) has been requested by EnXco Company to connect their proposed Shiloh I Substation and related wind-generation facilities east of Birds Landing in the Montezuma Hills, Solano County, to PG&E's Peabody to Contra Costa 230 Kilovolt (kV) Transmission Line and greater electric system. In order to accomplish the connection, PG&E proposes two minor relocations of existing lines. First, PG&E will relocate the Peabody to Contra Costa 230 kV Transmission Line by looping it approximately 530 feet into and out of a proposed PG&E-owned Birds Landing Switch Station located adjacent to the line. The Shiloh I Substation will connect into the Birds Landing Switch Station. Second, PG&E will also relocate the termination point of the existing line extending from the High Winds Substation (owned by High Winds LLC) to the Peabody to Contra Costa 230 kV Transmission Line approximately 1020 feet so that it extends from the High Winds Substation to the Birds Landing Switch Station. Supporting structures varying in height from between 35 feet and 155 feet will be used to make the electrical connections. The project is located approximately 2 ½ miles east of Birds Landing and is north of the Montezuma Hills Road and south of the Birds Landing Road. Construction

is expected to begin in the summer or fall of 2005 or as soon thereafter as possible, with the connections to be energized in March 2006 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, A, Section A states that a Certificate of Public Convenience and Necessity is not required for ...“the minor relocation of existing power line facilities,” .

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 measure is proposed for this project:

- Install taller poles than otherwise required in order to reduce EMF strength at ground level.

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 **April 12, 2005**, 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 G.O. 131-D, Section III.A exist.

Effective Date

The Company requests that this advice filing become effective on **May 2, 2005**, 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, the Company 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 Rose de la Torre at (415) 973-4716. Advice letter filings can also be accessed electronically at:

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

Handwritten signature of Brian Cherry in cursive script.

Director -- Regulatory Relations

Attachments

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

NOTICE OF PROPOSED CONSTRUCTION

PROJECT NAME: Shiloh I - 230 kV Interconnection, Montezuma Hills
ADVICE LETTER NUMBER: 2641-E

Proposed Project. Pacific Gas and Electric Company (PG&E Co.) has been requested by EnXco Company to connect their proposed Shiloh I Substation and related wind-generation facilities east of Birds Landing in the Montezuma Hills, Solano County, to PG&E's Peabody to Contra Costa 230 Kilovolt (kV) Transmission Line and greater electric system. In order to accomplish the connection, PG&E proposes two minor relocations of existing lines. First, PG&E will relocate the Peabody to Contra Costa 230 kV Transmission Line by looping it approximately 530 feet into and out of a proposed PG&E-owned Birds Landing Switch Station located adjacent to the line. The Shiloh I Substation will connect into the Birds Landing Switch Station. Second, PG&E will also relocate the termination point of the existing line extending from the High Winds Substation (owned by High Winds LLC) to the Peabody to Contra Costa 230 kV Transmission Line approximately 1020 feet so that it extends from the High Winds Substation to the Birds Landing Switch Station. Supporting structures varying in height from between 35 feet and 155 feet will be used to make the electrical connections. The project is located approximately 2 ½ miles east of Birds Landing and is north of the Montezuma Hills Road and south of the Birds Landing Road. Construction is expected to begin in the summer or fall of 2005 or as soon thereafter as possible, with the connections to be energized in March 2006 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 is proposed for this project:

- Install taller poles than otherwise required in order to reduce EMF strength at ground level.

Exemption from CPUC Authority: CPUC General Order 131-D, Section III, A, 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:

- ..."the minor relocation of existing power line facilities,"

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, A 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 April 12, 2005, 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

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

Shiloh I - 230 kV Interconnection, Montezuma Hills

Advice 2641-E

Energy Commission

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

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

Mr. Mike Yankovich
Planning Program Manager
Solano County Department of Resource Management
675 Texas Street, Suite 5500
Fairfield, CA 94533

Newspaper
Daily Republic

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

ABAG Power Pool
Accent Energy
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 Gas Acquisition Svcs
California ISO
Calpine
Calpine Corp
Calpine Gilroy Cogen
Cambridge Energy Research Assoc
Cameron McKenna
Cardinal Cogen
Cellnet Data Systems
Chevron USA Production Co.
Childress, David A.
City of Glendale
City of Healdsburg
City of Palo Alto
City of Redding
CLECA Law Office
Constellation New Energy
Cooperative Community Energy
CPUC
Creative Technology
Cross Border Inc
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

DGS Natural Gas Services
DMM Customer Services
Douglass & Liddell
Downey, Brand, Seymour & Rohwer
Duke Energy
Duke Energy North America
Duncan, Virgil E.
Dutcher, John
Dynergy Inc.
Ellison Schneider
Energy Law Group LLP
Energy Management Services, LLC
Enron Energy Services
Exelon Energy Ohio, Inc
Exeter Associates
Foster Farms
Foster, Wheeler, Martinez
Franciscan Mobilehome
Future Resources Associates, Inc
G. A. Krause & Assoc
Gas Transmission Northwest Corporation
GLJ Energy Publications
Goodin, MacBride, Squeri, Schlotz &
Hanna & Morton
Heeg, Peggy A.
Hitachi Global Storage Technologies
Hogan Manufacturing, Inc
House, Lon
Imperial Irrigation District
Integrated Utility Consulting Group
International Power Technology
Interstate Gas Services, Inc.
J. R. Wood, Inc
JTM, Inc
Kaiser Cement Corp
Korea Elec Power Corp
Luce, Forward, Hamilton & Scripps
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.
Navigant Consulting
New United Motor Mfg, Inc
Norris & Wong Associates
North Coast Solar Resources
Northern California Power Agency

Office of Energy Assessments
Palo Alto Muni Utilities
PG&E National Energy Group
Pinnacle CNG Company
PITCO
Plurimi, Inc.
PPL EnergyPlus, LLC
Praxair, Inc.
Price, Roy
Product Development Dept
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
Transwestern Pipeline Co
Turlock Irrigation District
U S Borax, Inc
United Cogen Inc.
URM Groups
Utility Cost Management LLC
Utility Resource Network
Wellhead Electric Company
Western Hub Properties, LLC
White & Case
WMA