

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

Tel. No. (415) 703-1691



October 27, 2006

Advice Letter 2744-E

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

Subject: Construction of the Fulton 230kV transmission line project

Dear Ms de la Torre:

Advice Letter 2744-E is effective January 4 2006. A copy of the advice letter is returned herewith for your records.

Sincerely,

Sean H. Gallagher, Director
Energy Division

REGULATORY RELATIONS	
Tariffs Section	
M Brown	D Poster
R Dela Torre	S Ramalya
B Lam	
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_____ Records _____	
Return to _____ File _____	
cc to _____	



**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
Pacific Gas and Electric Company
P.O. Box 770000
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Internet: BKC7@pge.com

December 5, 2005

**Advice 2744-E
(Pacific Gas and Electric Company ID U39 E)**

Public Utilities Commission of the State of California

**Subject: Notice of Construction, Pursuant to General Order 131-D, for the
Construction of the Fulton 230kV Transmission Line Project**

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

PG&E proposes to reconfigure three transmission lines and replace existing wires on a fourth in order to provide an additional source of electricity to Fulton Substation, located at 605 River Road in the Town of Fulton. The reconfiguration will result in a new 230kV line, the Lakeville-Fulton-Ignacio 230kV line, which will accommodate increases in electric demand in the area serviced by Fulton Substation. Construction activities will occur at four locations within Sonoma County. At the north end of Fulton Substation, the existing Eagle-Rock-Fulton 115kV line will be relocated to terminate in a 230kV position by installing one "H" frame structure and one tubular steel pole, relocating an existing tubular steel pole approximately ten feet to the north, and removing seven tubular steel poles. At Castle Rock Junction, located in Middletown near the junction of Pine Flat Road and McKinley Road, the existing Geysers #12-Fulton 230kV line will be exchanged with the Eagle Rock-Fulton 115kV line by adding three new tubular steel poles and approximately 200 feet of new transmission line. This exchange is possible because the 115kV line formally operated at 230kV voltage. At Los Alamos Junction, located at 1925 Los Alamos Road approximately one mile southwest of the town of Calistoga, the converted Eagle Rock - Fulton 115kV line will drop from the existing transmission line across four new 115kV tubular steel poles on approximately 300 feet of new transmission line to tap the existing Fulton-Fulton Junction 115kV line. Just off of Cougar Lane in Sonoma County,

overhead conductor will be rearranged between two adjacent towers. Finally, the existing wires will be replaced on a 3.5-mile section of the existing Fulton-Fulton Junction 115kV transmission line between Rincon Junction and Los Alamos Junction. These modifications to the Geysers #12-Fulton 230kV line, the Eagle Rock-Fulton 115kV line, and the Lakeville-Ignacio 230kV line will result in a configuration consisting of the Geysers #12-Fulton 230kV line, the Lakeville-Fulton-Ignacio 230kV line and the Eagle Rock-Silverado-Fulton 115kV line.

Construction is expected to begin in January, 2006, or as soon as possible thereafter, and to be completed by the end of April, 2006, or as soon as possible thereafter.

- This project qualifies as exempt from Permit to Construct filing requirements, pursuant to G.O. 131-D, Section III, Subsection B.1 which exempts, "the minor relocation of existing power line facilities up to 2,000 feet in length, or the intersetting of additional support structures between existing support structures," "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 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 **December 26, 2005**, which is 21 days after the filing date, at the following address:

CPUC Energy Division
Attn: Tariff Unit, 4th Floor
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, California 94102
Facsimile: (415) 703-2200
E-Mail: jjr@cpuc.ca.gov and jjn@cpuc.ca.gov

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: PGETariffs@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 Section III.B.2 of G.O. 131-D exist.

Effective Date

The Company requests that this advice filing become effective on **January 4, 2006**, which is 30 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>

Brian K. Cherry / BKS

Director -- Regulatory Relations

Attachments

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

CALIFORNIA PUBLIC UTILITIES COMMISSION

**ADVICE LETTER FILING SUMMARY
ENERGY UTILITY**

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. Pacific Gas and Electric Company (ID U39)	
Utility type: <input checked="" type="checkbox"/> ELC <input type="checkbox"/> GAS <input type="checkbox"/> PLC <input type="checkbox"/> HEAT <input type="checkbox"/> WATER	Contact Person: <u>Michelle Brown</u> Phone #: <u>(415) 973-4662</u> E-mail: <u>mtt3@pge.com</u>

EXPLANATION OF UTILITY TYPE	(Date Filed/ Received Stamp by CPUC)
ELC = Electric GAS = Gas PLC = Pipeline HEAT = Heat WATER = Water	

Advice Letter (AL) #: **2744-E**

Subject of AL: General Order 131-D, Fulton 230kV Transmission Line Project

Keywords (choose from CPUC listing): **Transmission Lines**

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: N/A

Summarize differences between the AL and the prior withdrawn or rejected AL¹: _____

Resolution Required? Yes No

Requested effective date: **January 4, 2006** No. of tariff sheets: N/A

Estimated system annual revenue effect (%): _____

Estimated system average rate effect (%): _____

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed¹: _____

Pending advice letters that revise the same tariff sheets: N/A

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC Energy Division Attention: Tariff Unit, 4th Floor 505 Van Ness Avenue San Francisco, CA 94102 jjr@cpuc.ca.gov and jnj@cpuc.ca.gov	Pacific Gas and Electric Company Attn: Brian K. Cherry Director, Regulatory Relations 77 Beale Street, Mail Code B10C P.O. Box 770000 San Francisco, CA 94177 E-mail: PGETariffs@pge.com
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¹ Discuss in AL if more space is needed.

NOTICE OF PROPOSED CONSTRUCTION

PROJECT NAME: Fulton 230kV Transmission Line Project
ADVICE LETTER NUMBER: 2744-E

Proposed Project: PG&E proposes to reconfigure three transmission lines and replace existing wires on a fourth in order to provide an additional source of electricity to Fulton Substation, located at 605 River Road in the Town of Fulton. The reconfiguration will result in a new 230kV line, the Lakeville-Fulton-Ignacio 230kV line, which will accommodate increases in electric demand in the area serviced by Fulton Substation. Construction activities will occur at four locations within Sonoma County. At the north end of Fulton Substation, the existing Eagle-Rock-Fulton 115kV line will be relocated to terminate in a 230kV position by installing one "H" frame structure and one tubular steel pole, relocating an existing tubular steel pole approximately ten feet to the north, and removing seven tubular steel poles. At Castle Rock Junction, located in Middletown near the junction of Pine Flat Road and McKinley Road, the existing Geysers #12-Fulton 230kV line will be exchanged with the Eagle Rock-Fulton 115kV line by adding three new tubular steel poles and approximately 200 feet of new transmission line. This exchange is possible because the 115kV line formally operated at 230kV voltage. At Los Alamos Junction, located at 1925 Los Alamos Road approximately one mile southwest of the town of Calistoga, the converted Eagle Rock - Fulton 115kV line will drop from the existing transmission line across four new 115kV tubular steel poles on approximately 300 feet of new transmission line to tap the existing Fulton-Fulton Junction 115kV line. Just off of Cougar Lane in Sonoma County, overhead conductor will be rearranged between two adjacent towers. Finally, the existing wires will be replaced on a 3.5-mile section of the existing Fulton-Fulton Junction 115kV transmission line between Rincon Junction and Los Alamos Junction. These modifications to the Geysers #12-Fulton 230kV line, the Eagle Rock-Fulton 115kV line, and the Lakeville-Ignacio 230kV line will result in a configuration consisting of the Geysers #12-Fulton 230kV line, the Lakeville-Fulton-Ignacio 230kV line and the Eagle Rock-Silverado-Fulton 115kV line.

Construction is expected to begin in January, 2006, or as soon possible thereafter, and to be completed by the end of April, 2006, or as soon as possible thereafter.

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, A&B, exempt 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,
- 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 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 December 26, 2005, at the following address:

CPUC Energy Division
 Attn: Tariff Unit, 4th Floor
 California Public Utilities Commission
 505 Van Ness Avenue
 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); 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

Fulton 230kV Transmission Line Project

Advice 2744-E

Energy Commission

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

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

County of Sonoma

Peter Parkinson, Planning Director
2550 Ventura Ave.
Santa Rosa, CA 95403

City of Santa Rosa

Chuck Regalia, Deputy Director-Planning
100 Santa Rosa Ave, Room #3
Santa Rosa, CA 95404

Newspaper

Santa Rosa Press Democrat

**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 Texaco
Chevron USA Production Co.
Childress, David A.
City of Glendale
City of Healdsburg
City of Palo Alto
City of Redding
CLECA Law Office
Commerce Energy
Constellation New Energy
Cooperative Community Energy
CPUC
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
Luce, Forward, Hamilton & Scripps
Manatt, Phelps & Phillips
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
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
Transcanada
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