

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



May 3, 2007

Advice Letter 2778-E

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

Subject: General Order 131-D, Martin to Hunters Point 115 kV Underground Cable Project

Dear Ms. de la Torre:

Advice Letter 2778-E is effective March 08, 2006. A copy of the advice letter is returned herewith for your records.

Sincerely,

Sean H. Gallagher, Director
Energy Division

REGULATORY RELATIONS	
M Brown	Tariffs Section
R Dela Torre	D Poster
B Lam	M Hughes
MAY 7 2007	
Return to _____	Records _____
cc to _____	File _____

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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
San Francisco, CA 94177

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

February 6, 2006

**Advice 2778-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, Martin to Hunters Point 115kV
Underground Cable 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

Pacific Gas and Electric Company (PG&E Co.) plans to construct the Martin to Hunters Point 115kV Underground Cable Project, (Project) which consists of an all-underground 115kV electric transmission circuit between PG&E's Martin Substation located within the City of Brisbane near Geneva Avenue and Bayshore Boulevard and PG&E's Hunters Point Switchyard located at 1000 Evans Avenue in southeastern San Francisco. The proposed Project will provide necessary upgrades to the electrical transmission system serving San Francisco to improve reliability and increase capacity. The project will also provide a critical component needed to meet the goal of closing generation units within San Francisco. PG&E proposes to construct the Project along a route beginning at the Martin Substation near the intersection of Geneva Avenue and Bayshore Boulevard in the City of Brisbane and proceeding westerly within the limits of Daly City along Geneva Avenue to Calgary Street near the Cow Palace. At the

intersection of Calgary Street with Geneva Avenue, the route turns northerly along Calgary Street and crosses the Daly City/San Francisco city limit line. The route continues northerly along Calgary Street to its intersection with Velasco Avenue, then continues in a northerly direction along Sawyer Street to Visitation Avenue. From Visitation Avenue, the route turns westerly and continues westerly, and northerly along Visitation Avenue through the John McLaren Park to Mansell Street. At Mansell Street, the route turns northeasterly and continues to Girard Street where the route turns northerly and follows Girard Street to Burrows Street. From the Girard Street intersection with Burrows Street, the route turns easterly and follows Burrows Street and continues easterly two blocks to the westerly end of the Getchell Tunnel. The route continues easterly under U.S. 101 along the Getchell tunnel alignment to Bayshore Boulevard and turns northerly along Bayshore Boulevard continuing northerly to Silver Avenue. At Silver Avenue, the route turns northeasterly and follows Silver Avenue to Quint Street where it continues northerly along Quint Street to Jerrold Avenue. From the Jerrold Avenue intersection with Quint Street, the route turns southeasterly and follows Jerrold Street to Phelps Street where it turns northeasterly and follows Phelps Street for three blocks to Galvez Avenue. At Galvez Avenue, the route turns southeasterly again and follows Galvez Avenue, crosses Third Street and continues to Newhall Street. At the intersection of Galvez Avenue with Newhall Street, the route turns northeasterly and follows Newhall Street for two blocks to Evans Avenue. At the intersection of Newhall Street with Evans Avenue, the route turns southeasterly and follows Evans Avenue to PG&E's Hunters Point Switchyard. Total length of the route is approximately five miles. PG&E Co. construction activities are scheduled to begin in late 2006, or as soon as possible thereafter, and project completion is scheduled for the winter of 2007, 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, B, Section 1 (g). Section III, B, Section 1 (g) states that a Permit to Construct is not required for "power line facilities or substations to be located in an existing franchise, road-widening setback easement, or public utility easement; or in a utility corridor designated, precisely mapped and officially adopted pursuant to law by federal, state, or local agencies for which a final Negative Declaration or EIR finds no significant unavoidable environmental impacts."

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:

- Maintain, where possible, at least a 25 foot distance between the line and residences or schools.
- Increase line depth to reduce magnetic field 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 **February 27, 2006**, 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 jnj@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 G.O. 131-D, Section III.B.2, exist.

Effective Date

The Company requests that this advice filing become effective on **March 8, 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>

Handwritten signature of Brian K. Cherry in cursive.

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:

ELC GAS
 PLC HEAT WATER

Contact Person: Michelle Brown

Phone #: (415) 973-4662

E-mail: mtt3@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **2778-E**

Subject of AL: General Order 131-D, Martin to Hunters Point 115kV Underground Cable 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: **March 8, 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

¹ Discuss in AL if more space is needed.

NOTICE OF PROPOSED CONSTRUCTION

PROJECT NAME: Martin to Hunters Point 115kV Underground Cable Project
ADVICE LETTER NUMBER: 2778-E

Proposed Project: Pacific Gas and Electric Company (PG&E Co.) plans to construct the Martin to Hunters Point 115kV Underground Cable Project, (Project) which consists of an all-underground 115kV electric transmission circuit between PG&E's Martin Substation located within the City of Brisbane near Geneva Avenue and Bayshore Boulevard and PG&E's Hunters Point Switchyard located at 1000 Evans Avenue in southeastern San Francisco. The proposed Project will provide necessary upgrades to the electrical transmission system serving San Francisco to improve reliability and increase capacity. The project will also provide a critical component needed to meet the goal of closing generation units within San Francisco. PG&E proposes to construct the Project along a route beginning at the Martin Substation near the intersection of Geneva Avenue and Bayshore Boulevard in the City of Brisbane and proceeding westerly within the limits of Daly City along Geneva Avenue to Calgary Street near the Cow Palace. At the intersection of Calgary Street with Geneva Avenue, the route turns northerly along Calgary Street and crosses the Daly City/San Francisco city limit line. The route continues northerly along Calgary Street to its intersection with Velasco Avenue, then continues in a northerly direction along Sawyer Street to Visitation Avenue. From Visitation Avenue, the route turns westerly and continues westerly, and northerly along Visitation Avenue through the John McLaren Park to Mansell Street. At Mansell Street, the route turns northeasterly and continues to Girard Street where the route turns northerly and follows Girard Street to Burrows Street. From the Girard Street intersection with Burrows Street, the route turns easterly and follows Burrows Street and continues easterly two blocks to the westerly end of the Getchell Tunnel. The route continues easterly under U.S. 101 along the Getchell tunnel alignment to Bayshore Boulevard and turns northerly along Bayshore Boulevard continuing northerly to Silver Avenue. At Silver Avenue, the route turns northeasterly and follows Silver Avenue to Quint Street where it continues northerly along Quint Street to Jerrold Avenue. From the Jerrold Avenue intersection with Quint Street, the route turns southeasterly and follows Jerrold Street to Phelps Street where it turns northeasterly and follows Phelps Street for three blocks to Galvez Avenue. At Galvez Avenue, the route turns southeasterly again and follows Galvez Avenue, crosses Third Street and continues to Newhall Street. At the intersection of Galvez Avenue with Newhall Street, the route turns northeasterly and follows Newhall Street for two blocks to Evans Avenue. At the intersection of Newhall Street with Evans Avenue, the route turns southeasterly and follows Evans Avenue to PG&E's Hunters Point Switchyard. Total length of the route is approximately five miles. PG&E Co. construction activities are scheduled to begin in late 2006, or as soon as possible thereafter, and project completion is scheduled for the winter of 2007, 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 measures are proposed for this project:

- The typical configuration for this project will be a triangular placement of the three cables in a 2 feet X 2 feet duct bank.
- The trench will be placed within the public right of way to reduce magnetic field exposure to buildings, except where the location of existing underground utilities prevent strategic line placement.
- Move the conductor further from the edge of the public right of way near high priority groups including school, day care, and residential land uses along the proposed route by lowering the depth of the duct bank five feet deeper than otherwise required where this would lower magnetic fields by at least 15%.

Exemption from CPUC Permit Requirement: CPUC General Order 131-D, Section III, B.1, 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:

- "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.1 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 February 27, 2006, 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) 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

Martin to Hunters Point 115kV Underground Cable Project

Advice 2778-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. Dean Macris
Acting Director
Planning Department
City and County of San Francisco
1660 Mission Street, 5th Floor
San Francisco, CA 94103

Mr. Terry Sedik
Director
Economic and Community Development Department
City of Daly City
333 90th Street
Daly City, CA 94015

Ms. Tatum Mothershead
Senior Planner
Planning Division
City of Daly City
333 90th Street
Daly City, CA 94015

Mr. Bill Prince
Director,
Community Development Department
City of Brisbane
50 Park Place
Brisbane, CA 94005

Newspaper

San Francisco Chronicle

**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
Defense Fuel Support Center
Department of the Army
Department of Water & Power City
DGS Natural Gas Services
Douglass & Liddell
Downey, Brand, Seymour & Rohwer
Duke Energy
Duke Energy North America
Duncan, Virgil E.
Dutcher, John
Dynegy 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.
IUCG/Sunshine Design LLC
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