

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 17, 2012

Advice Letter 3930-E

Brian K. Cherry
Vice President, Regulation and Rates
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

**Subject: Submits Notice of Construction, Pursuant to G.O. 131-D, for the
Construction of San Mateo-Bay Meadows 115 kV Reconductoring Project**

in

**The Cities of San Mateo, Foster City, and Redwood City, County of San
Mateo**

Dear Mr. Cherry:

Advice Letter 3930-E is effective November 7, 2011.

Sincerely,

A handwritten signature in cursive script that reads "Edward F. Randolph".

Edward F. Randolph, Director
Energy Division



Brian K. Cherry
Vice President
Regulation and Rates

Pacific Gas and Electric Company
77 Beale St., Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-6520

October 18, 2011

Advice 3930-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 San Mateo-Bay Meadows 115 kV Reconductoring Project in the Cities of San Mateo, Foster City, and Redwood City, County of San Mateo

Pacific Gas and Electric Company ("PG&E" or "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

In order to provide safe and reliable electric service to customers in San Mateo County and to avoid projected emergency overloads, Pacific Gas and Electric Company (PG&E) is proposing to replace the wires (reconductor) on existing towers along the 4.6 mile long San Mateo-Bay Meadows 115 kV Power Line (existing easement and franchise, replacement of existing facilities). Suspended by lattice steel towers, the power line begins at San Mateo Substation (1600 East Poplar Street, San Mateo) and heads southeast along the edge of the bay for approximately 1 mile. Six towers along this section of line will be raised 5 feet (5 cage extensions on top and 1 vertical extension) in order to meet California Public Utilities Commission (CPUC) General Order 95 minimum ground-to-conductor clearance requirements. The line then continues on the north side of East 3rd Avenue for approximately 1 mile and then crosses to the south side of the road for approximately $\frac{3}{4}$ of a mile as it enters Foster City. In Foster City the line runs south, crossing Highway 92. One tower, located just east of Gateway Drive in San Mateo, will be raised 10 feet in order to maintain compliance with CPUC General Order 95. The line then travels southwest along the south side of

Highway 92 for approximately 1.6 miles until it reaches Bay Meadows Substation (1900 South Norfolk Street, San Mateo). One new tubular steel pole (TSP) will be installed inside Bay Meadows Substation.

In order to maintain electric service while working on the power line, electricity will need to be rerouted (shoo-flyed) to Bay Meadows Substation along an existing power line originating from Bair Substation (255 Seaport Blvd, Redwood City). The approximately 9.8 mile-long shoo-fly will extend west from Bair Substation approximately 0.8 mile along the Ravenswood-Bair 115 kV Power Line. This tower line turns northeast and extends for approximately 2.9 miles through the easterly side of Bair Island Ecological Reserve, then turns northwest following the San Francisco #2 115 kV Power Line for approximately 6.1 miles through Bair Island, then parallel to Genoa Drive in Redwood City before crossing the Belmont Channel to run along Foster City Blvd and ending southwest of the Foster City Boulevard and Bounty Drive intersection in Foster City.

Construction is expected to begin November 2011 or as soon as possible thereafter, and be completed in January 2013 or as soon as possible thereafter.

CPUC General Order 131-D, Section III, Subsection B.1, exempts projects meeting specific conditions from the CPUC's requirement to file an application requesting authority to construct. The Company believes this project qualifies for the following exemption(s):

- b. The replacement of existing power line facilities or supporting structures with equivalent facilities or structures.
- g. Power line facilities or substation 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) in accordance with CPUC Decision 06-01-042 and the "EMF Guidelines for Electrical Facilities." The following measures are proposed for this project:

- The two San Mateo-Bay Meadows circuits will be cross-phased 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 **November 7, 2011**, which is 20 days after the date of this filing. Protests should be mailed to the following address:

CPUC Energy Division
Tariff Files, Room 4005
DMS Branch
505 Van Ness Avenue
San Francisco, California 94102

Facsimile: (415) 703-2200
E-Mail: jjj@cpuc.ca.gov and mas@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address show above.

The protest also should be sent via U.S. mail (and by facsimile and electronically, if possible) to PG&E at the address shown below on the same date it is mailed or delivered to the Commission:

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
Vice President, Regulation and Rates
Pacific Gas and Electric Company
P.O. Box 770000, Mail Code B10C
San Francisco, California 94177

Facsimile: (415) 973-6520
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 **November 17, 2011**, 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

A copy of this advice letter is being sent electronically and via U.S. Mail to 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. All electronic approvals should be sent to e-mail PGETariffs@pge.com. Advice letter filings can also be accessed electronically at <http://www.pge.com/tariffs/>.

A handwritten signature in cursive script that reads "Brian Cherry".

Vice President - Regulation and Rates

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

Attachments

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 M)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Linda Tom-Martinez

Phone #: (415) 973-4612

E-mail: lmt1@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) #: **3930-E**

Tier: N/A

Subject of AL: **Submits Notice of Construction, Pursuant to General Order 131-D, for the Construction of San Mateo-Bay Meadows 115 kV Reconductoring Project in the Cities of San Mateo, Foster City, and Redwood City, County of San Mateo**

Keywords (choose from CPUC listing): Power 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: No

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

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for:

Confidential information will be made available to those who have executed a nondisclosure agreement: Yes No

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: _____

Resolution Required? Yes No

Requested effective date: **November 17, 2011**

No. of tariff sheets: N/A

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

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: N/A

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

Protests, dispositions, 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

Tariff Files, Room 4005

DMS Branch

505 Van Ness Ave.,

San Francisco, CA 94102

jnj@cpuc.ca.gov and mas@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Brian K. Cherry

Vice President, Regulation and Rates

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

NOTICE OF PROPOSED CONSTRUCTION

PROJECT NAME: San Mateo-Bay Meadows 115 kV Reconductoring Project (Cities of San Mateo, Foster City and Redwood City)
ADVICE LETTER NUMBER: 3930-E

Proposed Project: In order to provide safe and reliable electric service to customers in San Mateo County and to avoid projected emergency overloads, Pacific Gas and Electric Company (PG&E) is proposing to replace the wires (reconductor) on existing towers along the 4.6 mile long San Mateo-Bay Meadows 115 kV Power Line (existing easement and franchise, replacement of existing facilities). Suspended by lattice steel towers, the power line begins at San Mateo Substation (1600 East Poplar Street, San Mateo) and heads southeast along the edge of the bay for approximately 1 mile. Six towers along this section of line will be raised 5 feet (5 cage extensions on top and 1 vertical extension) in order to meet California Public Utilities Commission (CPUC) General Order 95 minimum ground-to-conductor clearance requirements. The line then continues on the north side of East 3rd Avenue for approximately 1 mile and then crosses to the south side of the road for approximately ¾ of a mile as it enters Foster City. In Foster City the line runs south, crossing Highway 92. One tower, located just east of Gateway Drive in San Mateo, will be raised 10 feet in order to maintain compliance with CPUC General Order 95. The line then travels southwest along the south side of Highway 92 for approximately 1.6 miles until it reaches Bay Meadows Substation (1900 South Norfolk Street, San Mateo). One new tubular steel pole (TSP) will be installed inside Bay Meadows Substation.

In order to maintain electric service while working on the power line, electricity will need to be rerouted (shoo-flyed) to Bay Meadows Substation along an existing power line originating from Bair Substation (255 Seaport Blvd, Redwood City). The approximately 9.8 mile-long shoo-fly will extend west from Bair Substation approximately 0.8 mile along the Ravenswood-Bair 115 kV Power Line. This tower line turns northeast and extends for approximately 2.9 miles through the easterly side of Bair Island Ecological Reserve, then turns northwest following the San Francisco #2 115 kV Power Line for approximately 6.1 miles through Bair Island, then parallel to Genoa Drive in Redwood City before crossing the Belmont Channel to run along Foster City Blvd and ending southwest of the Foster City Boulevard and Bounty Drive intersection in Foster City.

Construction is expected to begin November 2011 or as soon as possible thereafter, and be completed in January 2013 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 06-01-042 and Pacific Gas and Electric Company's "EMF Design Guidelines for Electrical Facilities." The following measure is proposed for this project:

The two San Mateo-Bay Meadows circuits will be cross-phased to reduce EMF strength at ground level.

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:

- b. The replacement of existing power line facilities or supporting structures with equivalent facilities or structures.
- g. Power line facilities or substation 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.

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 November 7, 2011, 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

San Mateo-Bay Meadows 115kV Reconductoring Project Cities of San Mateo, Foster City and Redwood City

Advice 3930-E

Energy Commission

Ms. Melissa Jones, 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

City of San Mateo

Mr. Ron Munekawa, Chief of Planning
Planning Division
City of San Mateo
330 West 20th Ave
San Mateo, CA 94403

City of Foster City

Mr. Richard Marks, Director
Community Development Department
City of Foster City
610 Foster City Blvd.
Foster City, CA 94404

City of Redwood City

Ms. Jill Dever Ekas, Director
Planning Department
1017 Middlefield Road
Redwood City, CA 94062

Newspaper

San Mateo Times

PG&E Gas and Electric Advice Filing List

AT&T	Dept of General Services	Northern California Power Association
Alcantar & Kahl LLP	Douglass & Liddell	Occidental Energy Marketing, Inc.
Ameresco	Downey & Brand	OnGrid Solar
Anderson & Poole	Duke Energy	Praxair
Arizona Public Service Company	Economic Sciences Corporation	R. W. Beck & Associates
BART	Ellison Schneider & Harris LLP	RCS, Inc.
Barkovich & Yap, Inc.	Foster Farms	Recurrent Energy
Bartle Wells Associates	G. A. Krause & Assoc.	SCD Energy Solutions
Bloomberg	GLJ Publications	SCE
Bloomberg New Energy Finance	GenOn Energy, Inc.	SMUD
Boston Properties	Goodin, MacBride, Squeri, Schlotz & Ritchie	SPURR
Braun Blaising McLaughlin, P.C.	Green Power Institute	San Francisco Public Utilities Commission
Brookfield Renewable Power	Hanna & Morton	Seattle City Light
CA Bldg Industry Association	Hitachi	Sempra Utilities
CLECA Law Office	In House Energy	Sierra Pacific Power Company
CSC Energy Services	International Power Technology	Silicon Valley Power
California Cotton Ginners & Growers Assn	Intestate Gas Services, Inc.	Silo Energy LLC
California Energy Commission	Lawrence Berkeley National Lab	Southern California Edison Company
California League of Food Processors	Los Angeles Dept of Water & Power	Spark Energy, L.P.
California Public Utilities Commission	Luce, Forward, Hamilton & Scripps LLP	Sun Light & Power
Calpine	MAC Lighting Consulting	Sunshine Design
Cardinal Cogen	MBMC, Inc.	Sutherland, Asbill & Brennan
Casner, Steve	MRW & Associates	Tabors Caramanis & Associates
Chris, King	Manatt Phelps Phillips	Tecogen, Inc.
City of Palo Alto	McKenzie & Associates	Tiger Natural Gas, Inc.
City of Palo Alto Utilities	Merced Irrigation District	TransCanada
City of San Jose	Modesto Irrigation District	Turlock Irrigation District
Clean Energy Fuels	Morgan Stanley	United Cogen
Coast Economic Consulting	Morrison & Foerster	Utility Cost Management
Commercial Energy	NLine Energy, Inc.	Utility Specialists
Consumer Federation of California	NRG West	Verizon
Crossborder Energy	NaturEner	Wellhead Electric Company
Davis Wright Tremaine LLP	Navigant Consulting	Western Manufactured Housing Communities Association (WMA)
Day Carter Murphy	Norris & Wong Associates	eMeter Corporation
Defense Energy Support Center	North America Power Partners	
Department of Water Resources	North Coast SolarResources	