

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



June 21, 2010

**Advice Letter 3648-E**

Jane K. Yura  
Vice President, Regulation and Rates  
Pacific Gas and Electric Company  
77 Beale Street, Mail Code B10B  
P.O. Box 770000  
San Francisco, CA 94177

**Subject: Submits Notice of Construction, Pursuant to G.O. 131-D, for  
the Construction of Plainfield Tap 60 kV Capacity Project in  
the City of Woodland and County of Yolo**

Dear Ms. Yura:

Advice Letter 3648-E is effective May 6, 2010.

Sincerely,

A handwritten signature in blue ink, appearing to read "Julie A. Fitch".

Julie A. Fitch, Director  
Energy Division



**Jane K. Yura**  
Vice President  
Regulation and Rates

Pacific Gas and Electric Company  
77 Beale St., Mail Code B10B  
P.O. Box 770000  
San Francisco, CA 94177

Fax: 415-973-6520

April 6, 2010

**Advice 3648-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 Plainfield Tap 60 kV Capacity Project in the City of Woodland and County of Yolo**

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 maintain service reliability and meet increasing electric load demands in the City of Woodland and surrounding area, Pacific Gas and Electric Company (PG&E) is proposing to replace the existing wires (conductors) with new wires and install a second 60kV circuit on a roughly three-mile portion of the existing Plainfield 60kV Power Line (existing easement) between Plainfield Substation and the City of Woodland. The project begins at the Plainfield Substation, located on County Road 27 in Yolo County approximately 1.3 miles west of Highway 113 and approximately 3 miles south of the City of Woodland. The line extends approximately 3 miles north from the Plainfield Substation through agricultural fields to the City of Woodland. In order to maintain legal distances between conductors and above ground level, and to provide EMF mitigation, 31 existing wood poles will be replaced with new taller wood poles, two additional wood poles will be installed in the same alignment to maintain legal ground clearances, and three wood poles will be replaced with taller tubular steel poles (TSPs) in the City

of Woodland. The existing wood poles are approximately 47-57 feet tall; new wood poles will be 59-82 feet tall and the three TSPs will be approximately 69-85 feet tall. Construction is scheduled to begin in May 2010 or as soon thereafter as possible, with completion in approximately 8 months or as soon as possible after construction begins.

CPUC General Order 131-D, Section III, Subsection B.1.g, 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),

- "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) in accordance with CPUC Decision 06-01-042 and the "EMF Guidelines for Electrical Facilities." The following measures are proposed for this project:

- Increase the height of overhead lines by 10' more than otherwise required to reduce EMF strength at ground level;
- Optimize phase configuration by "cross-phasing" individual circuits to cancel magnetic fields.

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 26, 2010**, 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: [jnj@cpuc.ca.gov](mailto:jnj@cpuc.ca.gov) and [mas@cpuc.ca.gov](mailto: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

Jane K. Yura  
Vice President, Regulation and Rates  
Pacific Gas and Electric Company  
P.O. Box 770000, Mail Code B10B  
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 **May 6, 2010**, 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-B, Section IV, 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. Address changes to the General Order 96-B service list and all electronic approvals should

be sent to e-mail [PGETariffs@pge.com](mailto: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 "Jane Yura /emt". The signature is written in black ink and is positioned above the typed name.

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) #: **3648-E**

Tier: **N/A**

Subject of AL: **Plainfield Tap 60kV Capacity Project (Yolo County and City of Woodland)**

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 AL<sup>1</sup>: \_\_\_\_\_

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: **May 6, 2010**

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 proposed<sup>1</sup>: 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: Jane K. Yura**

**Vice President, Regulation and Rates**

**77 Beale Street, Mail Code B10B**

**P.O. Box 770000**

**San Francisco, CA 94177**

**E-mail: PGETariffs@pge.com**

## NOTICE OF PROPOSED CONSTRUCTION

**PROJECT NAME: PLAINFIELD TAP 60KV CAPACITY PROJECT (YOLO COUNTY AND CITY OF WOODLAND)**  
**ADVICE LETTER NUMBER: 3648-E**

**Proposed Project:** In order to maintain service reliability and meet increasing electric load demands in the City of Woodland and surrounding area, Pacific Gas and Electric Company (PG&E) is proposing to replace the existing wires (conductors) with new wires and install a second 60kV circuit on a roughly three-mile portion of the existing Plainfield 60kV Power Line (existing easement) between Plainfield Substation and the City of Woodland. The project begins at the Plainfield Substation, located on County Road 27 in Yolo County approximately 1.3 miles west of Highway 113 and approximately 3 miles south of the City of Woodland. The line extends approximately 3 miles north from the Plainfield Substation through agricultural fields to the City of Woodland. In order to maintain legal distances between conductors and above ground level, and to provide EMF mitigation, 31 existing wood poles will be replaced with new taller wood poles, two additional wood poles will be installed in the same alignment to maintain legal ground clearances, and three wood poles will be replaced with taller tubular steel poles (TSPs) in the City of Woodland. The existing wood poles are approximately 47-57 feet tall; new wood poles will be 59-82 feet tall and the three TSPs will be approximately 69-85 feet tall. Construction is scheduled to begin in April 2010 or as soon thereafter as possible, with completion in approximately 8 months or as soon as possible after construction begins.

**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 measures are proposed for this project:

- Increase the height of overhead lines by 10' more than otherwise required to reduce EMF strength at ground level;
- Optimize phase configuration by "cross-phasing" individual circuits to cancel magnetic fields.

**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; 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 April 26, 2010, 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**

### **PLAINFIELD TAP 60KV CAPACITY PROJECT**

Advice 3648-E

#### **Energy Commission**

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

#### **County of Yolo**

John Bencomo  
Director of Planning and Public Works  
292 West Beamer Street  
Woodland, CA 95695

#### **City of Woodland**

Barry Munowitch  
Community Development Director  
520 Court Street  
Woodland, CA 95695

#### **Newspaper**

Sacramento Bee

**PG&E Gas and Electric  
Advice Filing List  
General Order 96-B, Section IV**

Alcantar & Kahl	Day Carter Murphy	North Coast SolarResources
Ameresco	Defense Energy Support Center	Northern California Power Association
Anderson & Poole	Department of Water Resources	Occidental Energy Marketing, Inc.
Arizona Public Service Company	Department of the Army	OnGrid Solar
BART	Dept of General Services	Praxair
BP Energy Company	Division of Business Advisory Services	R. W. Beck & Associates
Barkovich & Yap, Inc.	Douglass & Liddell	RCS, Inc.
Bartle Wells Associates	Downey & Brand	Recon Research
Bloomberg New Energy Finance	Duke Energy	SCD Energy Solutions
Boston Properties	Dutcher, John	SCE
C & H Sugar Co.	Economic Sciences Corporation	SMUD
CA Bldg Industry Association	Ellison Schneider & Harris LLP	SPURR
CAISO	Foster Farms	Santa Fe Jets
CLECA Law Office	G. A. Krause & Assoc.	Seattle City Light
CSC Energy Services	GLJ Publications	Sempra Utilities
	Goodin, MacBride, Squeri, Schlotz & Ritchie	Sierra Pacific Power Company
California Cotton Ginners & Growers Assn	Green Power Institute	Silicon Valley Power
California Energy Commission	Hanna & Morton	Silo Energy LLC
California League of Food Processors	Hitachi	Southern California Edison Company
California Public Utilities Commission	International Power Technology	Sunshine Design
Calpine	Intestate Gas Services, Inc.	Sutherland, Asbill & Brennan
Cameron McKenna	Los Angeles Dept of Water & Power	Tabors Caramanis & Associates
Cardinal Cogen	Luce, Forward, Hamilton & Scripps LLP	Tecogen, Inc.
Casner, Steve	MBMC, Inc.	Tiger Natural Gas, Inc.
Chamberlain, Eric	MRW & Associates	Tioga Energy
Chris, King	Manatt Phelps Phillips	TransCanada
City of Glendale	McKenzie & Associates	Turlock Irrigation District
City of Palo Alto	Merced Irrigation District	U S Borax, Inc.
Clean Energy Fuels	Mirant	United Cogen
Coast Economic Consulting	Modesto Irrigation District	Utility Cost Management
Commerce Energy	Morgan Stanley	Utility Specialists
Commercial Energy	Morrison & Foerster	Verizon
Consumer Federation of California	NRG West	Wellhead Electric Company
Crossborder Energy	New United Motor Mfg., Inc.	Western Manufactured Housing Communities Association (WMA)
		eMeter Corporation
Davis Wright Tremaine LLP	Norris & Wong Associates	