

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



January 31, 2007

Advice Letter 2879-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, Shiloh II/Montezuma Wind 230 kV Reconductoring Project

Dear Ms. de la Torre:

Advice Letter 2879-E is effective September 9, 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 Ramaiya
B Lam	
FEB - 2 2007	
_____ Records _____	
Return to _____	File _____
cc to _____	



**Pacific Gas and
Electric Company®**

Brian K. Cherry
Vice President
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

August 10, 2006

**Advice 2879-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 II/Montezuma Wind 230kV Reconductoring
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

In order to accommodate additional wind-generated power including two new wind energy facilities – Shiloh II and Montezuma Wind – in the Montezuma Hills, Solano County, Pacific Gas and Electric Company (PG&E Co.) plans to perform upgrades to its facilities necessary to connect the projects to its electrical system. This will require reconductoring (replacing electric wires) on PG&E Co.'s 230 kilovolt (kV), double-circuit tower line between the Montezuma Hills in Solano County and the Contra Costa Substation in the City of Antioch and the Contra Costa Power Plant Switchyard in Contra Costa County. The electric line to be reconducted is approximately 11 miles long. Its northerly terminus is located at the Birds Landing Switchyard in the Montezuma Hills, Solano County, where approximately 6 new support structures will be added just outside of the switchyard in order to connect circuits into the switchyard. From the Birds Landing Switchyard, the line runs southeasterly across the Montezuma Hills, crosses the Sacramento River onto the western end of Sherman Island in Sacramento County. On Sherman Island, the line turns southerly, continues

across Sherman Island and crosses the San Joaquin River into Contra Costa County and the City of Antioch. One end of the line terminates at the Contra Costa Substation located north of Highway 4 and east of Hillcrest Avenue in the City of Antioch. The easterly circuit of the line splits from the westerly circuit at an existing tower located near Trembath Lane in Contra Costa County near the City of Antioch, and runs easterly and northerly approximately 1 1/3 miles, terminating at the Contra Costa Power Plant Switchyard located north of Wilbur Avenue and west of Highway 160. One tower located in an agricultural field in Contra Costa County near the City of Antioch, southwest of Jasmine Court, will be raised up to approximately 15 feet to maintain proper wire to ground clearance. While other minor tower modifications will not require raises, it is possible (depending upon final engineering) that the four towers at the river crossings may need to be raised approximately 25 feet to maintain proper clearance above the water. The project has been designed to avoid impacts to listed species, and seasonal restrictions have been incorporated into the construction schedule. Construction activities are scheduled to begin in January, 2007, or as soon as possible thereafter, and project completion is scheduled for late March, 2008, 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, A. Section III, A states that a Certificate of Public Convenience and Necessity is not required for:

- “the placing of new or additional conductors, insulators, or their accessories on or replacement of supporting structures already built,” and
- “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 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 letter sent via U.S. mail, by facsimile or electronically, any of which must be received no later than 20 days after the date of this filing, which is **August 30, 2006**, at the following address:

CPUC Energy Division
Attention: Tariff Unit, 4th Floor
505 Van Ness Avenue
San Francisco, California 94102
Facsimile: (415) 703-2200
E-mail: jjr@cpuc.ca.gov and jnj@cpuc.ca.gov

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

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

Pacific Gas and Electric Company
Attention: David T. Kraska
Attorney, Law Department
P.O. Box 7442
San Francisco, California 94120
Facsimile: (415) 973-0516

Pacific Gas and Electric Company
Attention: Brian K. Cherry
Vice President, Regulatory Relations
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 **September 9, 2006**, which is 30 calendar 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, a copy of this advice letter is being sent electronically and via U.S. mail to 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 changes 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>



Vice President -- 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) #: **2879-E**

Subject of AL: General Order 131-D, Shiloh II/Montezuma Wind 230kV Reconductoring 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: **September 9, 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
Vice President, 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: Shiloh II/Montezuma Wind 230kV Reconductoring Project
(Montezuma Hills to Contra Costa Substation and Contra Costa Power Plant)
ADVICE LETTER NUMBER: 2879-E

Proposed Project: In order to accommodate additional wind-generated power including two new wind energy facilities – Shiloh II and Montezuma Wind – in the Montezuma Hills, Solano County, Pacific Gas and Electric Company (PG&E Co.) plans to perform upgrades to its facilities necessary to connect the projects to its electrical system. This will require reconductoring (replacing electric wires) on PG&E Co.'s 230 kilovolt (kV), double-circuit tower line between the Montezuma Hills in Solano County and the Contra Costa Substation in the City of Antioch and the Contra Costa Power Plant Switchyard in Contra Costa County. The electric line to be reconducted is approximately 11 miles long. Its northerly terminus is located at the Birds Landing Switchyard in the Montezuma Hills, Solano County, where approximately 6 new support structures will be added just outside of the switchyard in order to connect circuits into the switchyard. From the Birds Landing Switchyard, the line runs southeasterly across the Montezuma Hills, crosses the Sacramento River onto the western end of Sherman Island in Sacramento County. On Sherman Island, the line turns southerly, continues across Sherman Island and crosses the San Joaquin River into Contra Costa County and the City of Antioch. One end of the line terminates at the Contra Costa Substation located north of Highway 4 and east of Hillcrest Avenue in the City of Antioch. The easterly circuit of the line splits from the westerly circuit at an existing tower located near Trembath Lane in Contra Costa County near the City of Antioch, and runs easterly and northerly approximately 1 1/3 miles, terminating at the Contra Costa Power Plant Switchyard located north of Wilbur Avenue and west of Highway 160. One tower located in an agricultural field in Contra Costa County near the City of Antioch, southwest of Jasmine Court, will be raised up to approximately 15 feet to maintain proper wire to ground clearance. While other minor tower modifications will not require raises, it is possible (depending upon final engineering) that the four towers at the river crossings may need to be raised approximately 25 feet to maintain proper clearance above the water. The project has been designed to avoid impacts to listed species, and seasonal restrictions have been incorporated into the construction schedule. Construction activities are scheduled to begin in January, 2007, or as soon as possible thereafter, and project completion is scheduled for late March, 2008, 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

- 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 Permit Requirement: 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 exemptions:

- "the placing of new or additional conductors, insulators, or their accessories on supporting structures already built."
- "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.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
- c.b. The cumulative impact of successive projects of the same type in the same place, over time, is significant; or
- d.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.
- 5.4. Whether you believe that evidentiary hearings are necessary to resolve factual disputes.

Protests for this project must be filed by August 30, 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

**Shiloh II/High Winds III 230kV Reconductoring Project – Montezuma Hills to Contra Costa Substation
and Contra Costa Power Plant**

Advice 2879-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

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

Mr. Robert Sherry, Director
Sacramento County
Planning and Community Development Department
827 7th Street
Sacramento, CA 95814

Mr. Dennis M. Barry, Director
Community Development Department
Contra Costa County
651 Pine Street, Fourth Floor – North Wing
Martinez, CA 94553

Mr. Joseph Brandt, Director
Community Development Department
City of Antioch
P.O. Box 5007
Antioch, CA 94531

Newspapers

Fairfield Daily Republic
Sacramento Bee
Contra Costa Times

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

ABAG Power Pool	DGS Natural Gas Services	PG&E National Energy Group
Accent Energy	Douglass & Liddell	Pinnacle CNG Company
Aglet Consumer Alliance	Downey, Brand, Seymour & Rohwer	PITCO
Agnews Developmental Center	Duke Energy	Plurimi, Inc.
Ahmed, Ali	Duke Energy North America	PPL EnergyPlus, LLC
Alcantar & Elsesser	Duncan, Virgil E.	Praxair, Inc.
Ancillary Services Coalition	Dutcher, John	Price, Roy
Anderson Donovan & Poole P.C.	Dynegy Inc.	Product Development Dept
Applied Power Technologies	Ellison Schneider	R. M. Hairston & Company
APS Energy Services Co Inc	Energy Law Group LLP	R. W. Beck & Associates
Arter & Hadden LLP	Energy Management Services, LLC	Recon Research
Avista Corp	Exelon Energy Ohio, Inc	Regional Cogeneration Service
Barkovich & Yap, Inc.	Exeter Associates	RMC Lonestar
BART	Foster Farms	Sacramento Municipal Utility District
Bartle Wells Associates	Foster, Wheeler, Martinez	SCD Energy Solutions
Blue Ridge Gas	Franciscan Mobilehome	Seattle City Light
Bohannon Development Co	Future Resources Associates, Inc	Sempra
BP Energy Company	G. A. Krause & Assoc	Sempra Energy
Braun & Associates	Gas Transmission Northwest Corporation	Sequoia Union HS Dist
C & H Sugar Co.	GLJ Energy Publications	SESCO
CA Bldg Industry Association	Goodin, MacBride, Squeri, Schlotz &	Sierra Pacific Power Company
CA Cotton Ginners & Growers Assoc.	Hanna & Morton	Silicon Valley Power
CA League of Food Processors	Heeg, Peggy A.	Smurfit Stone Container Corp
CA Water Service Group	Hitachi Global Storage Technologies	Southern California Edison
California Energy Commission	Hogan Manufacturing, Inc	SPURR
California Farm Bureau Federation	House, Lon	St. Paul Assoc
California Gas Acquisition Svcs	Imperial Irrigation District	Stanford University
California ISO	Integrated Utility Consulting Group	Sutherland, Asbill & Brennan
Calpine	International Power Technology	Tabors Caramanis & Associates
Calpine Corp	Interstate Gas Services, Inc.	Tecogen, Inc
Calpine Gilroy Cogen	IUCG/Sunshine Design LLC	TFS Energy
Cambridge Energy Research Assoc	J. R. Wood, Inc	Transcanada
Cameron McKenna	JTM, Inc	Turlock Irrigation District
Cardinal Cogen	Luce, Forward, Hamilton & Scripps	U S Borax, Inc
Cellnet Data Systems	Manatt, Phelps & Phillips	United Cogen Inc.
Chevron Texaco	Marcus, David	URM Groups
Chevron USA Production Co.	Matthew V. Brady & Associates	Utility Cost Management LLC
Childress, David A.	Maynor, Donald H.	Utility Resource Network
City of Glendale	McKenzie & Assoc	Wellhead Electric Company
City of Healdsburg	McKenzie & Associates	Western Hub Properties, LLC
City of Palo Alto	Meek, Daniel W.	White & Case
City of Redding	Mirant California, LLC	WMA
CLECA Law Office	Modesto Irrigation Dist	
Commerce Energy	Morrison & Foerster	
Constellation New Energy	Morse Richard Weisenmiller & Assoc.	
CPUC	Navigant Consulting	
Cross Border Inc	New United Motor Mfg, Inc	
Crossborder Inc	Norris & Wong Associates	
CSC Energy Services	North Coast Solar Resources	
Davis, Wright, Tremaine LLP	Northern California Power Agency	
Defense Fuel Support Center	Office of Energy Assessments	
Department of the Army	OnGrid Solar	
Department of Water & Power City	Palo Alto Muni Utilities	