

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



November 25, 2013

Advice Letter 4269-E

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

SUBJECT: Notice of Construction, Pursuant to GO 131-D, for the Construction of Kern-Old River No.1 and No.2 70 kV in the City of Bakersfield, County of Kern

Dear Mr. Cherry,

Advice Letter 4269-E is effective as of September 12, 2013.

Sincerely,

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

Edward F. Randolph, Director
Energy Division



Brian K. Cherry
Vice President
Regulatory Relations

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

Fax: 415-973-7226

August 13, 2013

Advice 4269-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 Kern-Old River No.1 and No.2 70 kV in the City of Bakersfield, County of Kern

Pacific Gas and Electric Company ("PG&E" or "the Company") hereby submits notice pursuant to California Public Utilities Commission ("CPUC" or "Commission") 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

To continue to maintain safe and reliable electric service, and to meet future electricity demands in Kern County, PG&E is proposing to replace wires on (reconductor) two 70 kilovolt (kV) power lines in a 12-mile corridor that extends due south between Kern Substation, located at 2401 Coffee Road in Bakersfield, and Old River Substation, located at the corner of Bear Mountain Boulevard and Progress Road in Bakersfield. In this corridor, PG&E will reconductor the entire approximately 12 miles of the existing Kern–Old River #1 70 Kilovolt (kV) Power Line (existing easement) and the first approximately 5.5 miles of Kern–Old River #2 70 kV Power Line (existing easement). Heading due south from Kern Substation, the first approximately 4 miles of both power lines are co-located on the same lattice steel towers, which are in the middle of three tower lines in an existing utility corridor through an urban area of Bakersfield. Along this segment, approximately 5 towers will require approximately 10-foot extensions. After the project crosses White Lane, for the next approximately 1.5 miles until Panama Lane, the two existing power lines continue south on two separate parallel wood pole lines through commercial and residential areas. Along this segment, PG&E

will replace approximately 41 wood poles with a single set of approximately 25 light-duty steel poles, which weather to resemble wood. The new poles will be approximately 20 to 40 feet taller than the existing 45- to 60-foot-tall poles to combine both power lines and an existing distribution line on one set of steel poles, and to reduce electric and magnetic fields at ground level in residential areas. South of Panama Lane, the Kern–Old River #1 70 kV Power Line continues south on wood poles for approximately 7.25 miles through mostly agricultural and open lands to Old River Substation. Along this segment, PG&E will replace the existing approximately 47- to 57-foot-tall poles with a combination of wood and light-duty steel poles approximately 55 to 71 feet tall. At both Kern and Old River substations, PG&E will also replace one existing lattice steel structure with a slightly taller tubular steel pole. Finally, to provide sufficient spacing between the conductors where the two Kern–Old River lines cross an existing 115 kV power line, PG&E will also replace a single approximately 100-foot-tall tubular steel pole on the existing 115 kV line with a new approximately 10-foot-taller tubular steel pole located within the railroad corridor just north of Pacheco Road. Construction is scheduled to begin in October 2013, or as soon as possible thereafter, with completion in May 2014, or as soon as possible after construction begins.

CPUC G.O. 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:

- g. 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, more than otherwise required, 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 letter sent via U.S. mail, by facsimile or electronically, any of which must be received no later than September 2, 2013, which is 20 days after the date of this filing. Protests should be mailed to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102
Facsimile: (415) 703-2200
E-mail: EDTariffUnit@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, 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 September 12, 2013, 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/>.



Vice President – Regulatory Relations

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 E)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Igor Grinberg

Phone #: 415-973-8580

E-mail: ixg8@pge.com and PGETariffs@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) #: **4269-E**

Tier: N/A

Subject of AL: **Submits Notice of Construction, Pursuant to General Order 131-D, for the Construction of Kern-Old River No.1 and No.2 70 kV in the City of Bakersfield, County of Kern**

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: N/A

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

Confidential information will be made available to those who have executed a nondisclosure agreement: N/A

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

Resolution Required? Yes No

Requested effective date: **September 12, 2013**

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: 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:

Director, Energy Division
California Public Utilities Commission
505 Van Ness Avenue, Fourth Floor
San Francisco, CA 94102
E-mail: EDTariffUnit@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

NOTICE OF PROPOSED CONSTRUCTION

PROJECT NAME: KERN-OLD RIVER #1 AND #2 70 KV POWER LINE RECONDUCTORING PROJECT - (City of Bakersfield and Kern County)

ADVICE LETTER NUMBER: 4269-E

Proposed Project: To continue to maintain safe and reliable electric service, and to meet future electricity demands in Kern County, Pacific Gas and Electric Company (PG&E) is proposing to replace wires on (reconductor) two 70 kilovolt (kV) power lines in a 12-mile corridor that extends due south between Kern Substation, located at 2401 Coffee Road in Bakersfield, and Old River Substation, located at the corner of Bear Mountain Boulevard and Progress Road in Bakersfield. In this corridor, PG&E will reconductor the entire approximately 12 miles of the existing Kern-Old River #1 70 Kilovolt (kV) Power Line (existing easement) and the first approximately 5.5 miles of Kern-Old River #2 70 kV Power Line (existing easement). Heading due south from Kern Substation, the first approximately 4 miles of both power lines are co-located on the same lattice steel towers, which are in the middle of three tower lines in an existing utility corridor through an urban area of Bakersfield. Along this segment, approximately 5 towers will require approximately 10-foot extensions. After the project crosses White Lane, for the next approximately 1.5 miles until Panama Lane, the two existing power lines continue south on two separate parallel wood pole lines through commercial and residential areas. Along this segment, PG&E will replace approximately 41 wood poles with a single set of approximately 25 light-duty steel poles, which weather to resemble wood. The new poles will be approximately 20 to 40 feet taller than the existing 45- to 60-foot-tall poles to combine both power lines and an existing distribution line on one set of steel poles, and to reduce electric and magnetic fields at ground level in residential areas. South of Panama Lane, the Kern-Old River #1 70 kV Power Line continues south on wood poles for approximately 7.25 miles through mostly agricultural and open lands to Old River Substation. Along this segment, PG&E will replace the existing approximately 47- to 57-foot-tall poles with a combination of wood and light-duty steel poles approximately 55 to 71 feet tall. At both Kern and Old River substations, PG&E will also replace one existing lattice steel structure with a slightly taller tubular steel pole. Finally, to provide sufficient spacing between the conductors where the two Kern-Old River lines cross an existing 115 kV power line, PG&E will also replace a single approximately 100-foot-tall tubular steel pole on the existing 115 kV line with a new approximately 10-foot-taller tubular steel pole located within the railroad corridor just north of Pacheco Road. Construction is scheduled to begin in October 2013, or as soon as possible thereafter, with completion in May 2014, 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:

- Optimize phase configuration by “cross-phasing” individual circuits to cancel magnetic fields.
- Increase the height of overhead lines, more than otherwise required, 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:

- g. 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 September 2, 2013 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

KERN-OLD RIVER #1 and #2 70 kV POWER LINE RECONDUCTORING PROJECT

Advice 4269-E

Energy Commission

Mr. Robert Oglesby, Executive Director
California Energy Commission
1516 Ninth Street, Mail Stop 39
Sacramento, California 95814

Mr. Drew Bohan, Chief Deputy Director
California Energy Commission
1516 Ninth Street, Mail Stop 39
Sacramento, California 95814

California Department of Fish and Wildlife

Ms. Sarah Bahm
Environmental Scientist
California Department of Fish and Wildlife, Central Region
1234 E. Shaw Avenue
Fresno, CA 93710

City of Bakersfield

Mr. Jim Eggert
Planning Director
1600 Truxtun Ave
Bakersfield, CA 93301

County of Kern

Ms. Lorelei Oviatt
Planning Director
2700 M Street, Suite 100
Bakersfield, CA 93301

Newspaper

The Bakersfield Californian

**PG&E Gas and Electric
Advice Filing List**

1st Light Energy	Division of Ratepayer Advocates	Occidental Energy Marketing, Inc.
AT&T	Douglass & Liddell	OnGrid Solar
Alcantar & Kahl LLP	Downey & Brand	Pacific Gas and Electric Company
Anderson & Poole	Ellison Schneider & Harris LLP	Praxair
BART	G. A. Krause & Assoc.	Regulatory & Cogeneration Service, Inc.
Barkovich & Yap, Inc.	GenOn Energy Inc.	SCD Energy Solutions
Bartle Wells Associates	GenOn Energy, Inc.	SCE
Bear Valley Electric Service	Goodin, MacBride, Squeri, Schlotz & Ritchie	SDG&E and SoCalGas
Braun Blaising McLaughlin, P.C.	Green Power Institute	SPURR
CENERGY POWER	Hanna & Morton	San Francisco Public Utilities Commission
California Cotton Ginners & Growers Assn	In House Energy	Seattle City Light
California Energy Commission	International Power Technology	Sempra Utilities
California Public Utilities Commission	Intestate Gas Services, Inc.	SoCalGas
California State Association of Counties	Kelly Group	Southern California Edison Company
Calpine	Linde	Spark Energy
Casner, Steve	Los Angeles Dept of Water & Power	Sun Light & Power
Center for Biological Diversity	MAC Lighting Consulting	Sunshine Design
City of Palo Alto	MRW & Associates	Tecogen, Inc.
City of San Jose	Manatt Phelps Phillips	Tiger Natural Gas, Inc.
Clean Power	Marin Energy Authority	TransCanada
Coast Economic Consulting	McKenna Long & Aldridge LLP	Utility Cost Management
Commercial Energy	McKenzie & Associates	Utility Power Solutions
County of Tehama - Department of Public Works	Modesto Irrigation District	Utility Specialists
Crossborder Energy	Morgan Stanley	Verizon
Davis Wright Tremaine LLP	NLine Energy, Inc.	Water and Energy Consulting
Day Carter Murphy	NRG Solar	Wellhead Electric Company
Defense Energy Support Center	Nexant, Inc.	Western Manufactured Housing Communities Association (WMA)
Dept of General Services	North America Power Partners	