

December 14, 2012

**Advice 4058-E-A**  
(Pacific Gas and Electric Company ID U39 E)

Public Utilities Commission of the State of California

**Subject: Supplemental: Notice of Construction, Pursuant to General Order 131-D, for the Construction of the Contra Costa-Moraga No. 1 and No. 2, 230kV Transmission Line – Cities of Antioch, Clayton, Concord, Orinda, Walnut Creek, and the County of Contra Costa**

Pacific Gas and Electric Company (“PG&E” or “the Company”) hereby submits to the California Public Utilities Commission (“Commission” or “CPUC”) a supplement to Advice 4058-E “Advice Letter”, dated June 8, 2012.

**Purpose**

The purpose of this supplement is to clarify the information provided in Advice Letter 4058-E filed in June 2012. The Advice Letter explained that the proposed projects covered by the Advice Letter are needed to comply with CPUC General Order 95 “and accommodate new Federal Energy Regulatory Commission (FERC) ground-to-conductor clearance requirements, which are regulated by the North American Electric Reliability Corporation (NERC)...”. This supplement provides a clarification of what was meant by PG&E’s reference to “new” FERC/NERC requirements and a fuller explanation of the genesis of and methodology used for these projects as set forth below.

In October 2010, NERC issued an alert to all transmission entities (“NERC Alert”). The NERC Alert identified a reliability concern associated with what NERC characterized as possible “significant and widespread” discrepancies between the design and actual field conditions of transmission facilities nationwide. The NERC Alert recommended that transmission entities: 1) perform an assessment, over a three-year period, of all applicable transmission facilities; 2) report to NERC on any findings; and 3) take prompt corrective action to mitigate any identified discrepancies. Transmission entities all across the country are in the midst of doing the requested assessments, reporting on identified discrepancies and performing mitigations. This is the “new”

FERC/NERC requirement to which the Advice Letters were referring.

NERC Reliability Standards FAC-008-1 and FAC-009-1 require each transmission owner to have a documented Facility Rating Methodology (FRM) and to establish ratings for its transmission facilities consistent with its rating methodology. PG&E's FRM is contained in PG&E Utility Standards TD1004S and TD1004P-01 as well as Utility Work Procedure WP1004-04. In part, PG&E's FRM requires conductor clearances to "meet General Order (GO) 95 clearance requirements". (WP1004-04, p.1.)

In response to the NERC Alert, PG&E has been assessing its transmission facilities to determine whether actual field conditions conform to design criteria (including conductor clearance requirements) in accordance with its FRM. Following its ratings methodology, PG&E uses current<sup>1</sup> GO 95 minimum clearance requirements based on GO 95, Table 1 (as further explained in GO 95, Rules 37 and 43) to assess its transmission facilities for correct ratings. If PG&E discovers a discrepancy, PG&E will review the facility further for appropriate mitigation. Its findings and planned mitigations for any identified discrepancies are reported to NERC. NERC expects that the discrepancies will be remediated within one year or on a schedule approved by the Regional Entity if longer than a year. In addition, consistent with NERC's expectations, PG&E is consulting with its regional Reliability Coordinator (WECC RC) and Transmission Operator (CAISO) to coordinate any mitigation plans while maintaining the bulk electric system stability and reliability.

As to AL 4058-E, PG&E has identified discrepancies along the Contra Costa-Moraga 230 kilovolt (kV) Transmission Line in Contra Costa County. PG&E plans to raise the height of 14 lattice steel towers and do one dead end conversion along this Transmission Line to address these discrepancies.

### **Protests**

Pursuant to General Order 96-B, Section 7.5.1, due to the limited nature of this supplemental advice letter, PG&E is requesting the protest period not be re-opened by the filing of this supplement.

### **Effective Date**

The Company requests that this advice filing become effective concurrent with Advice Letter 4058-E on July 8, 2012.

---

<sup>1</sup> The use of current GO 95 minimum clearance requirements when assessing facilities for correct ratings is consistent with industry and good engineering practices.

**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](mailto:PGETariffs@pge.com). Advice letter filings can also be accessed electronically at <http://www.pge.com/tariffs/>.

Handwritten signature of Brian Cherry / IG in cursive script.

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: Redacted

Phone #: Redacted

E-mail: Redacted

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **4058-E-A**

Tier: n/a

Subject of AL: Supplemental: Submits Notice of Construction, Pursuant to General Order 131-D, for the Construction of the Contra Costa-Moraga No. 1 and No. 2, 230kV Transmission Line - Cities of Antioch, Clayton, Concord, Orinda, Walnut Creek, and the County of Contra Costa

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: No

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: **July 8, 2012 (concurrent with 4058-E)**      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:

California Public Utilities Commission

Energy Division  
EDTariffUnit  
505 Van Ness Ave., 4th Flr.  
San Francisco, CA 94102  
E-mail: [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

Pacific Gas and Electric Company

Attn: Brian Cherry  
Vice President, Regulatory Relations  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, CA 94177  
E-mail: [PGETariffs@pge.com](mailto:PGETariffs@pge.com)

**Notice Distribution List**

NERC Compliance Project, Contra Costa-Moraga No. 1 and No. 2, 230kV Transmission Line – Cities of Antioch, Clayton, Concord, Orinda, Walnut Creek, and the County of Contra Costa

**Advice 4058-E-A**

**Energy Commission**

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

Mr. Roger Johnson, Deputy Director  
California Energy Commission  
1516 Ninth Street, Mail Stop 39  
Sacramento, California 95814

**City of Antioch**

Tina Wehrmeister, Community Development Director  
City of Antioch Community Development Department  
PO Box 5007  
Antioch, CA 94531-5007

**City of Clayton**

David Woltering, Community Development Director  
City of Clayton Community Development Department  
6000 Heritage Trail, Clayton, CA 94517

**City of Concord**

Carol Johnson, Planning Manager  
City of Concord Community and Economic Development Department  
1950 Parkside Drive  
Concord, CA 94519

**City of Orinda**

Emmanuel Ursu, Planning Director  
City of Orinda Planning Department  
22 Orinda Way (1<sup>st</sup> Floor)  
Orinda, CA 94563

**City of Walnut Creek**

Scott Harriman, Assistant Planning Manager  
City of Walnut Creek Community Development Department / Planning Division  
1666 North Main Street (2nd Floor)  
Walnut Creek, CA 94596

**County of Contra Costa**

Aruna Bhat, Community Development Deputy Director  
Contra Costa County Department of Conservation and Development  
30 Muir Road  
Martinez, CA 94553

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

1st Light Energy	Department of General Services	North America Power Partners
AT&T	Department of Water Resources	North Coast SolarResources
Alcantar & Kahl LLP	Dept of General Services	Northern California Power Association
Ameresco	Douglass & Liddell	Occidental Energy Marketing, Inc.
Anderson & Poole	Downey & Brand	OnGrid Solar
BART	Duke Energy	PG&E
Barkovich & Yap, Inc.	Economic Sciences Corporation	Praxair
Bartle Wells Associates	Ellison Schneider & Harris LLP	R. W. Beck & Associates
Bloomberg	Foster Farms	RCS, Inc.
Bloomberg New Energy Finance	G. A. Krause & Assoc.	SCD Energy Solutions
Boston Properties	GLJ Publications	SCE
Braun Blaising McLaughlin, P.C.	GenOn Energy Inc.	SMUD
Brookfield Renewable Power	GenOn Energy, Inc.	SPURR
CA Bldg Industry Association	Goodin, MacBride, Squeri, Schlotz & Ritchie	San Francisco Public Utilities Commission
CENERGY POWER	Green Power Institute	Seattle City Light
CLECA Law Office	Hanna & Morton	Sempra Utilities
California Cotton Ginners & Growers Assn	Hitachi	Sierra Pacific Power Company
California Energy Commission	In House Energy	Silicon Valley Power
California League of Food Processors	International Power Technology	Silo Energy LLC
California Public Utilities Commission	Intestate Gas Services, Inc.	Southern California Edison Company
Calpine	Lawrence Berkeley National Lab	Spark Energy, L.P.
Cardinal Cogen	Los Angeles County Office of Education	Sun Light & Power
Casner, Steve	Los Angeles Dept of Water & Power	Sunrun Inc.
Center for Biological Diversity	MAC Lighting Consulting	Sunshine Design
Chris, King	MRW & Associates	Sutherland, Asbill & Brennan
City of Palo Alto	Manatt Phelps Phillips	Tecogen, Inc.
City of Palo Alto Utilities	Marin Energy Authority	Tiger Natural Gas, Inc.
City of San Jose	McKenna Long & Aldridge LLP	TransCanada
City of Santa Rosa	McKenzie & Associates	Turlock Irrigation District
Clean Energy Fuels	Merced Irrigation District	United Cogen
Clean Power	Modesto Irrigation District	Utility Cost Management
Coast Economic Consulting	Morgan Stanley	Utility Specialists
Commercial Energy	Morrison & Foerster	Verizon
Consumer Federation of California	Morrison & Foerster LLP	Wellhead Electric Company
Crossborder Energy	NLine Energy, Inc.	Western Manufactured Housing Communities Association (WMA)
Davis Wright Tremaine LLP	NRG West	eMeter Corporation
Day Carter Murphy	NaturEner	
Defense Energy Support Center	Norris & Wong Associates	