December 18, 2013

Advice Letter 4317-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 GO 131-D, for the Construction of Lamont Substation Expansion for the FRV Regulus Solar Project Interconnection, Kern County

Dear Mr. Cherry:

Advice Letter 4317-E is effective December 15, 2013.

Sincerely,

Edward F. Randolph, Director
Energy Division
November 15, 2013

Advice 4317-E
(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Submits Notice of Construction, Pursuant to General Order 131-D, for the Construction of Lamont Substation Expansion for the FRV Regulus Solar Project Interconnection, Kern County

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 accommodate the interconnection of SunEdison’s planned FRV Regulus Solar Generation Facility (larger project CEQA), Pacific Gas and Electric Company (PG&E) has been requested to expand the existing Lamont Substation, located at the northwest corner of E. Panama Lane and Malaga Road in Kern County, by approximately 5 acres to the west to accommodate a new 115 kV switching station. PG&E will install switching station equipment, two small buildings, and an approximately 120-foot-tall microwave tower. To interconnect the switching station, PG&E will relocate and add a new circuit to a portion of the Grimmway-Malaga Tap 115 kV Power Line that currently extends along the west side of Malaga Road. The work will begin at Malaga Road and E. Panama Lane, and extend west along E. Panama Lane approximately 650 feet, turning into Lamont Substation from the south (minor relocation). PG&E will replace one existing 75-foot-tall tubular-steel pole and one existing 75-tall wood pole with up to 8 approximately 70- to 115-foot-tall tubular steel poles to support the new lines. PG&E will also loop approximately 1000 feet of the existing Wheeler Ridge-Lamont 115kV Power Line and the existing Kern-Lamont 115kV Power Line into and out of the new switching station from the north (existing easement, minor relocation). To accommodate construction, PG&E will temporarily move one span (approximately 950 feet) of both lines to the north of the existing alignment (temporary minor relocation) using one or more temporary wood poles to keep the lines in service but away from the construction area. For the work on these two lines, PG&E will replace one 95-foot tall wood pole, one 80-foot tall wood pole and one 65-foot tall wood pole with up to
approximately 6 new tubular-steel poles, approximately 65- to 80-feet tall. Construction is tentatively scheduled to begin in February 2014, or as soon as project plans and approvals are in place, and is planned to be completed by December 2014 or as soon as possible after construction begins.

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

c) the minor relocation of existing power line facilities up to 2,000 feet in length, or the interseting of additional support structures between existing support structures;

f) power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document (Environmental Impact Report (EIR) or Negative Declaration) finds no significant unavoidable environmental impacts caused by the proposed line or substation;

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 of EIR finds no significant unavoidable environmental impacts.

County of Kern adopted an Environmental Impact Report for the FRV Regulus Solar Generation Facility, finding no significant unavoidable environmental impacts resulting from PG&E’s proposed facilities (State Clearinghouse #2011111027 [Weblink: http://pcd.kerndsa.com/planning/environmental-documents/253-frv-valley-solar-project]).

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 December 5, 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**

PG&E requests that this advice filing become effective on regular notice, December 15, 2013, 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 if 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

Attachments

cc: Parties Listed in G.O. 131-D, Paragraphs B.1 and B.2
Company name/CPUC Utility No. **Pacific Gas and Electric Company (ID U39 E)**

<table>
<thead>
<tr>
<th>Utility type:</th>
<th>Contact Person: Igor Grinberg</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ ELC</td>
<td>Phone #: 415-973-8580</td>
</tr>
<tr>
<td>✔ PLC</td>
<td>E-mail: <a href="mailto:ixg8@pge.com">ixg8@pge.com</a> and <a href="mailto:PGETariffs@pge.com">PGETariffs@pge.com</a></td>
</tr>
</tbody>
</table>

**EXPLANATION OF UTILITY TYPE**

<table>
<thead>
<tr>
<th>ELC = Electric</th>
<th>GAS = Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLC = Pipeline</td>
<td>HEAT = Heat</td>
</tr>
<tr>
<td>WATER = Water</td>
<td></td>
</tr>
</tbody>
</table>

**Subject of AL:** Submits Notice of Construction, Pursuant to General Order 131-D, for the Construction of Lamont Substation Expansion for the FRV Regulus Solar Project Interconnection, Kern County

**Keywords (choose from CPUC listing):** Power Lines

**AL filing type:** ☑ One-Time  

**If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:** N/A

**Does AL replace a withdrawn or rejected AL?** No

**Summarize differences between the AL and the prior withdrawn or rejected AL:** N/A

**Is AL requesting confidential treatment?** No

**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?** ☑ No

**Requested effective date:** **December 15, 2013**

**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).** N/A

**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**  
Pacific Gas and Electric Company

**California Public Utilities Commission**  
505 Van Ness Avenue, Fourth Floor  
San Francisco, CA 94102

**E-mail:** EDTariffUnit@cpuc.ca.gov

**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: Lamont Substation Expansion for the FRV Regulus Solar Project Interconnection, Kern County
ADVICE LETTER NUMBER: 4317-E

Proposed Project: To accommodate the interconnection of SunEdison's planned FRV Regulus Solar Generation Facility (larger project CEQA), Pacific Gas and Electric Company (PG&E) has been requested to expand the existing Lamont Substation, located at the northwest corner of E. Panama Lane and Malaga Road in Kern County, by approximately 5 acres to the west to accommodate a new 115 kV switching station. PG&E will install switching station equipment, two small buildings, and an approximately 120-foot-tall microwave tower. To interconnect the switching station, PG&E will relocate and add a new circuit to a portion of the Grimmway-Malaga Tap 115 kV Power Line that currently extends along the west side of Malaga Road. The work will begin at Malaga Road and E. Panama Lane, and extend west along E. Panama Lane approximately 650 feet, turning into Lamont Substation from the south (minor relocation). PG&E will replace one existing 75-foot-tall tubular-steel pole and one existing 75-tall wood pole with up to 8 approximately 70- to 115-foot-tall tubular steel poles to support the new lines. PG&E will also loop approximately 1000 feet of the existing Wheeler Ridge-Lamont 115kV Power Line and the existing Kern-Lamont 115kV Power Line into and out of the new switching station from the north (existing easement, minor relocation). To accommodate construction, PG&E will temporarily move one span (approximately 950 feet) of both lines to the north of the existing alignment (temporary minor relocation) using one or more temporary wood poles to keep the lines in service but away from the construction area. For the work on these two lines, PG&E will replace one 95-foot tall wood pole, one 80-foot tall wood pole and one 65-foot tall wood pole with up to approximately 6 new tubular-steel poles, approximately 65- to 80-feet tall. Construction is tentatively scheduled to begin in February 2014, or as soon as project plans and approvals are in place, and is planned to be completed by December 2014 or as soon as possible after construction begins.

Electric and Magnetic Fields (EMF): Pacific Gas and Electric will employ "no cost" and specified "low cost" measures to reduce public exposure to EMF 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:

- Keep high-current devices, transformers, capacitors, and reactors away from the substation property lines.
- Locate new substation expansion close to existing power lines to the extent practical.
- Increase the substation property boundary to the extent practical.
- Compacting equipment within the substation.

Exemption from CPUC Permit Requirement: CPUC General Order 131-D, Section III, B.1, exempts projects meeting specific conditions from the CPUC’s requirements to file an application requesting authority to construct. Pacific Gas and Electric Company believes this project qualifies for the following exemption(s):

c) the minor relocation of existing power line facilities up to 2,000 feet in length, or the interseting of additional support structures between existing support structures;

f) power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document (Environmental Impact Report (EIR) or Negative Declaration) finds no significant unavoidable environmental impacts caused by the proposed line or substation;

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 of EIR finds no significant unavoidable environmental impacts.

County of Kern adopted an Environmental Impact Report for the FRV Regulus Solar Generation Facility, finding no significant unavoidable environmental impacts resulting from PG&E’s proposed facilities (State Clearinghouse #2011111027 [Weblink: http://pcd.kerndsa.com/planning/environmental-documents/253-frv-valley-solar-project]).

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 December 5, 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

Lamont Substation Expansion for the FRV Regulus Solar Project Interconnection

Advice 4317-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 Game

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

County of Kern

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

Newspaper

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