

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 6104E
As of April 5, 2021

Subject: Pacific Gas & Electric's EV Charge Schools and Parks Pilot Program Update in Compliance with Decision 19-11-017

Division Assigned: Energy

Date Filed: 03-01-2021

Date to Calendar: 03-03-2021

Authorizing Documents: D1911017

Disposition:	Accepted
Effective Date:	03-31-2021

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Stuart Rubio

415-973-4587

PGETariffs@pge.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to
edtariffunit@cpuc.ca.gov

March 1, 2021

Advice 6104-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

**Subject: Pacific Gas & Electric's EV Charge Schools and Parks Pilot Program
Update in Compliance with Decision 19-11-017**

Purpose

Pursuant to Ordering Paragraph (OP) 24 of Decision (D.) 19-11-017, Pacific Gas & Electric (PG&E) submits this Tier 2 Advice Letter (AL) to provide an update on site assessments and pilot programming¹ for its Electric Vehicle (EV) Charge Schools and Parks Programs.

Background

On July 30, 2018, PG&E filed an application (A. 18-07-020) requesting authority to implement transportation electrification pilots at educational institutions, parks, and beaches pursuant to Assembly Bill (AB) 1082 and AB 1083.

In support of AB 1082, PG&E's EV Charge Schools application included plans for installing Level 2 (L2) charging infrastructure for personal vehicles at K-12 accredited schools and college campuses in PG&E's service territory, in addition to hosting EV educational events, and designing EV specific curriculum. In support of AB 1083, PG&E's EV Charge Parks application included plans for installing charging infrastructure at sites in the form of L2 charging infrastructure for State Parks' fleet vehicles and direct current fast chargers (DCFC) for state park visitors (the public) as well as a media campaign advertising EV charging availability at state parks and beaches in PG&E's service territory.

On November 7, 2019, the Commission approved PG&E's application and, among other things, required PG&E to submit a Tier 2 AL to provide an update on site assessments and program status within six months of the date of adoption of this Decision. On September 25, 2020, PG&E requested and was granted an extension to comply with OP 24 until March 1, 2021. At a minimum PG&E was instructed that the AL: (1) identifies the number of sites the utility performed a site-assessment; (2) identifies the costs to install the charging infrastructure at the sites where the utility performed a site-assessment; (3)

¹ D. 19-11-017, OP. 24, p. 82.

includes the number of outstanding site-assessments the utility needs to perform; and; (4) a revised pilot-wide forecast based on the utility's performed site-assessments².

AB 1082 – EV Charge Schools

In October 2020, PG&E began designing, implementing, and conducting outreach efforts for its EV Charge Schools program in support of the 22 sites authorized in the Decision³. Of these 22 sites, PG&E is targeting the 40 percent disadvantaged communities (DACs) requirement, or 9 sites, set out in the Decision⁴. PG&E formally launched the program in January 2021 and socialized the launch with its Program Advisory Council (PAC) during the quarterly PAC meeting on January 27, 2021.

PG&E's application portal was made public on January 25, 2021 and PG&E has 14 applications in the queue for schools seeking to own the Electric Vehicle Supply Equipment (EVSE) and electing to receive a rebate under PG&E's program design. PG&E will commence desktop reviews and schedule site assessments in March, 2021 because PG&E is finalizing back-office systems and assessment capabilities in February, 2021. PG&E is also awaiting the CPUC's ruling on the Tier 3 rebate AL 5993-E filed on November 5, 2020. This ruling will impact how PG&E finalizes elements of its EV Charge Schools program such as budget and rebate offer.

PG&E is forecasting to install between 4-6 ports at 22 schools and developed cost thresholds to support the installation of a minimum of 88 ports. It is important to note the cost thresholds make strict assumptions that selected sites will require very short trenching distances for to the meter (TtM) and behind the meter (BtM) conduit as well as minimal to no transformer upgrades. The thresholds also assume costs associated with complying with the Americans with Disabilities Act (ADA) are only related to striping and signage, with very minimal, if any, costs associated with installing ramps or significant regrading. PG&E will evaluate sites that meet its cost thresholds in order to determine how many favorable sites it can offer contracts to while meeting port count and DAC requirements within the allotted budget. Due to the cost thresholds, PG&E estimates that it will need to perform a minimum of 35 site assessments. PG&E has not performed any site assessments to date.

AB 1083 – EV Charge Parks

In October 2020, PG&E began designing and implementing its EV Charge Parks program in support of the 15 State Park and Beach sites authorized in the Decision⁵. Of these 15 sites, PG&E is targeting the 25 percent DAC requirement, or 4 sites, set out in the Decision⁶. PG&E is also exploring opportunities to work with Tribal Communities.

² D.19-11-017, OP 24.

³ D. 19-11-017, p. 64.

⁴ D. 19-11-017, OP 3.

⁵ D. 19-11-017, p. 64.

⁶ D. 19-11-017, OP 4.

PG&E's application portal was made public on January 25, 2021 and PG&E socialized the launch with its PAC during the quarterly PAC meeting held on January 27, 2021. PG&E's Clean Energy Transportation team in coordination with Public Affairs has identified State Park and Beach sites that are potentially eligible to participate in PG&E's EV Charge Parks program. PG&E has not yet received applications for its EV Charge Parks Program.

In the Decision, PG&E proposed to install four L2 charging ports and lay conduit and build electrical capacity to "future-proof" for up to 10 L2 charge ports in the future⁷ in support of private State Park fleet and employee vehicles. PG&E also proposed two standard site designs for public State Park visitors: (1) L2 Only: 4 L2 charging ports or (2) L2 and DCFC: 1 DCFC and 2 L2 charging ports⁸. Based upon the proposed configurations, PG&E developed cost thresholds to support its forecasted 43 ports. It is important to note the thresholds also make strict assumptions that trenching and conduit distances are minimal as well as ADA compliance costs. It is also important to note the cost thresholds do not cover environmental remediation efforts and assume State Parks and Beaches have parking capacity and are interested in future proofing their private fleet locations. Based upon the assumptions, and depending on the preferred configuration, PG&E estimates that it will need to perform a minimum of 25 site assessments due to the unique features of State Parks and Beaches. PG&E has not performed any site assessments to date.

Table 1 – PG&E's original forecast of estimated sites and ports⁹

Pilot	Proposed Number of Sites	Targeted Port Count		
		L2 Ports	DCFC Ports	Battery Integrated EVSE
AB 1082 (Schools)	22	88-132	0	0
AB 1083 (Parks)	15	40	3	Tbd

⁷ D. 19-11-017, p. 12.

⁸ D. 19-11-017, p. 13.

⁹ D. 19-11-017, p. 64.

Protests

*****Due to the COVID-19 pandemic and the shelter at home orders, PG&E is currently unable to receive protests or comments to this advice letter via U.S. mail or fax. Please submit protests or comments to this advice letter to EDTariffUnit@cpuc.ca.gov and PGETariffs@pge.com*****

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than **March 22, 2021**, which is 21¹⁰ days after the date of this submittal. Protests must be submitted 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 shown above.

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

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was

¹⁰ The 20-day protest period concludes on a weekend; therefore, PG&E is moving this date to the following business day.

sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

PG&E requests that this Tier 2 advice submittal become on regular notice, **March 31, 2021**, which is 30 calendar days after the date of submittal.

Notice

In accordance with General Order 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 and the parties on the service list for A.18-07-020. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

Attachments

cc: Service List A.18-07-020



ADVICE LETTER SUMMARY

ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U 39 E)

Utility type:

☒ ELC ☐ GAS ☐ WATER
☐ PLC ☐ HEAT

Contact Person: Stuart Rubio

Phone #: (415) 973-4587

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: SHR8@pge.com

EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 6104-E

Tier Designation: 2

Subject of AL: Pacific Gas & Electric's EV Charge Schools and Parks Pilot Program Update in Compliance with Decision 19-11-017

Keywords (choose from CPUC listing): Compliance

AL Type: ☐ Monthly ☐ Quarterly ☐ Annual ☒ One-Time ☐ Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.19-11-017

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

Confidential treatment requested? ☐ Yes ☒ No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? ☐ Yes ☒ No

Requested effective date: 3/31/21

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 proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Clear Form

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

AT&T
Albion Power Company

Alta Power Group, LLC
Anderson & Poole

Atlas ReFuel
BART

Barkovich & Yap, Inc.
California Cotton Ginners & Growers Assn
California Energy Commission

California Hub for Energy Efficiency
Financing

California Alternative Energy and
Advanced Transportation Financing
Authority
California Public Utilities Commission
Calpine

Cameron-Daniel, P.C.
Casner, Steve
Cenergy Power
Center for Biological Diversity

Chevron Pipeline and Power
City of Palo Alto

City of San Jose
Clean Power Research
Coast Economic Consulting
Commercial Energy
Crossborder Energy
Crown Road Energy, LLC
Davis Wright Tremaine LLP
Day Carter Murphy

Dept of General Services
Don Pickett & Associates, Inc.
Douglass & Liddell

East Bay Community Energy Ellison
Schneider & Harris LLP Energy
Management Service
Engineers and Scientists of California

GenOn Energy, Inc.
Goodin, MacBride, Squeri, Schlotz &
Ritchie
Green Power Institute
Hanna & Morton
ICF
IGS Energy
International Power Technology
Intestate Gas Services, Inc.
Kelly Group
Ken Bohn Consulting
Keyes & Fox LLP
Leviton Manufacturing Co., Inc.

Los Angeles County Integrated
Waste Management Task Force
MRW & Associates
Manatt Phelps Phillips
Marin Energy Authority
McKenzie & Associates

Modesto Irrigation District
NLine Energy, Inc.
NRG Solar

Office of Ratepayer Advocates
OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Redwood Coast Energy Authority
Regulatory & Cogeneration Service, Inc.
SCD Energy Solutions
San Diego Gas & Electric Company

SPURR
San Francisco Water Power and Sewer
Semptra Utilities

Sierra Telephone Company, Inc.
Southern California Edison Company
Southern California Gas Company
Spark Energy
Sun Light & Power
Sunshine Design
Tecogen, Inc.
TerraVerde Renewable Partners
Tiger Natural Gas, Inc.

TransCanada
Utility Cost Management
Utility Power Solutions
Water and Energy Consulting Wellhead
Electric Company
Western Manufactured Housing
Communities Association (WMA)
Yep Energy