

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



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 6284E
As of September 3, 2021

Subject: PG&E's San Joaquin Valley Disadvantaged Communities Pilot Implementation Plan
Amendment to Language

Division Assigned: Energy

Date Filed: 08-06-2021

Date to Calendar: 08-11-2021

Authorizing Documents: None

Disposition:	Accepted
Effective Date:	08-06-2021

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Annie Ho

415-973-8794

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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

August 6, 2021.

Advice 6284-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: PG&E's San Joaquin Valley Disadvantaged Communities Pilot Implementation Plan Amendment to Language

Purpose

Pursuant to Ordering Paragraph (OP) 11 of California Public Utilities Commission (CPUC or Commission) Decision (D.) 18-12-015, issued on December 19, 2018, Pacific Gas and Electric Company (PG&E) submitted a Tier 2 Advice Letter (AL) (PG&E Advice 5498-E-A) on March 19, 2019, with an effective date of October 29, 2019. Pacific Gas and Electric Company (PG&E) hereby files this Tier 1 Advice Letter to modify language from the approved Tier 2 Advice Letter (AL) (PG&E Advice 5498-E-A) for its Pilot Implementation Plan.

Background

In 2015, the Commission initiated a rulemaking to identify disadvantaged communities (DACs) in the San Joaquin Valley (SJV), and then to evaluate the feasibility of options to improve access to affordable energy in these communities.¹ To assist in addressing these goals, D.18-12-015 approved pilots in eleven (11) SJV DACs. PG&E is the Program Administrator (PA) for the following 3 SJV DACs Pilot Communities: Allensworth, Cantua Creek, and Seville

D.18-12-015, OP 11, directed PG&E, Southern California Edison, and Southern California Gas Company to each file a Tier 2 advice letter within 90 days from issuance of the Decision to provide a SJVDAC Pilot Implementation Plan containing:

¹ Order Instituting Rulemaking to Identify Disadvantaged Communities in the San Joaquin Valley and Provide Economically Feasible Options for Affordable Energy, R. 15-10-030, p. 2 (April 3, 2015).

- a) Pilot project budgets and specific pilot project plans, timelines, and other pilot components as directed in this decision;
- b) A Safety and Risk Management Plan;
- c) Workforce development and workforce, education and training plans;
- d) A description of the coordination methods that will be used to leverage existing program budgets;
- e) Appliance warranty information, including the specifics of warranties for measures to be installed;
- f) Details on the coordination of their electrification work with the Disadvantaged Communities Solar on Affordable Single-Family Homes Program;
- g) Details on the coordination of pilot implementation with the California Solar Initiative Solar Thermal Program;
- h) Details on approaches to substandard housing; and
- i) Updated pilot project objectives, research questions and metrics, in accordance with this decision.

Amended Pilot Implementation Plan Language

The language modifications are listed below, and are provided as redlines in Attachment 1.

- Pg. 23: A list of the data elements to be collected, at a minimum, to support the pilot research questions is provided in Appendix F.
- Modified language: A list of the data elements **that may** ~~to~~ be collected, ~~at a minimum,~~ to support the pilot research questions is provided in Appendix F.
- Pg. 24: A list of the data elements to be collected is provided in Appendix F.
- Modified language: A list of the data elements **that may** ~~to~~ be collected is provided in Appendix F.

Protests

*****Due to the COVID-19 pandemic, 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 August 26, 2021, which is 20 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:

Sidney Bob Dietz II
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 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 1 advice submittal become effective upon date of submittal, which is August 6, 2021.

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 R.15-03-010. 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



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 U39 E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Annie Ho

Phone #: (415) 973-8794

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: AMHP@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) #: 6284-E

Tier Designation: 1

Subject of AL: PG&E's San Joaquin Valley Disadvantaged Communities Pilot Implementation Plan Amendment to Language

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 #:

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:

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: 8/6/21

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: Sidney Bob Dietz II, 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:

Attachment 1

Redlines

Evaluation Plan

This section presents PG&E's proposed research plan for the impact evaluation of the pilots. The IOUs have also been directed by the Commission to conduct a joint pilot process evaluation to examine the design and delivery of the pilots. These pilot evaluations will be used along with the information gathered in the Data Gathering Track to inform the economic feasibility and community impact of extending affordable energy options to all SJV DACs.

Pilot evaluation will be complex with data being gathered by multiple parties: Track B Data Gathering Consultant, PAs, CEN/CPM, Pilot Implementers, leveraged program Implementers and Administrators, and Evaluation Consultant(s).

Potential Research Questions and Areas of Inquiry

1. What is the landscape of the pre-pilot home and equipment/appliance stock in the pilot communities? How do residents fuel their heating, water heating, cooking needs? Why?
2. What are the pre- and post-pilot levels of energy burden faced by households that rely on alternate fuel sources, such as wood, propane, diesel generators, or other fuels, for their heating, cooling, water heating, and cooking needs? What are key issues or drivers of the burden or hardship they experience?
3. What are residents' attitudes and desires associated with their pre-pilot fuel uses and potentially different ones (e.g., electricity or natural gas) to supplant use of propane, wood, diesel generators, or other fuels? How have residents' attitudes changed with electrification of their appliances and their electricity rate? What were the reasons for these customer preferences?
4. What non-energy benefits, including safety, health, and environmental, were provided through the adoption of electrification technologies?
5. What were the main barriers to customer participation? What were effective engagement strategies and best practices?

A list of the data elements ~~to that may~~ be collected, ~~at a minimum,~~ to support the pilot research questions is provided in Appendix F.

Impact Evaluation Plan

While the final research objectives are still under consideration, the basic research objectives for conducting the impact evaluation are:

1. Establish pre- and post-pilot conditions associated with customers in the pilot communities who did not have access to natural gas and relied on wood, propane, diesel, or other fuels (including those on all-electric rates) for residential energy use.
2. Determine weather-adjusted energy and bill impacts of the treatment, and identify any residual propane/wood usage and bills.
3. Report total number and combinations of measure installations. Assess bill savings and satisfaction for various combinations of measure installations.

4. Better understand other factors that may have driven or influenced the changes in energy usage and the decision to adopt electrification.

Proposed Pilot Evaluation Methodology

Detailed data collection will be required to evaluate the outcomes of the pilot. These data elements will be collected by partnering with Pilot contractors to collect household information at the time of the behind-the-meter (BTM) appliance conversion or home system upgrade work, as well as with third-party evaluators to collect pre- and post-pilot data. A list of the data elements ~~to that may~~ be collected is provided in Appendix F. Overall, PG&E plans to collect the following information either through the program implementer, utility or third-party data, or a program evaluator:

- **Number of Households Impacted:** PG&E plans to report four sets of household counts, including:
 - The number of households in community;
 - The subset of this population that was deemed eligible candidates for BTM appliance replacements in scope for each community;
 - The subset of this population that was deemed to have homes that could not be treated broken down by cause, including excessive cost of BTM upgrades, or customer or landlord refusal, as applicable; and
 - The subset of this population that is ultimately impacted.
- **Measures Undertaken:** PG&E will report the aggregate measures undertaken in the pilot. This data collection will also inform PG&E's understanding of customer preferences for appliances.
- **Energy Usage and Household Characteristics:** PG&E will collect data regarding baseline and post-pilot energy usage and household characteristics. Energy usage data will include, where natural gas is unavailable, household propane and wood usage and costs, as well as whether they are on an all-electric rate. PG&E will also collect a range of household demographic and building characteristics data for surveyed households in the community. At a minimum, the data collection elements will include those being captured as part of the Track B data gathering effort. PG&E will also attempt to collect information on any post-pilot residual propane or wood usage.
- **Total Pilot Costs:** PG&E will collect data on pilot implementation costs to gain a better understanding of grid impacts and associated costs, BTM costs associated with installation of electric appliances in scope for a community, and marketing, engagement and outreach costs, and co-pay quantities by income level, as applicable.

Proposed Pilot Evaluation Analysis

The evaluation will provide weather-adjusted energy consumption and bill impacts for each pilot community. These impacts are quantified by the change in energy usage and electricity bills, namely from the reduction or elimination of propane or wood usage and the additional electricity usage from installed appliances. All customers in a pilot community may be eligible to receive treatment, thus it is not possible to identify a control group and a pre/post evaluation must be used to calculate impacts. In this case, the energy costs in the form of energy bills (both for electric and propane/wood/other fuels) is collected for one year prior to intervention and one-year post intervention, in the form of electric bills. To estimate pre-treatment wood and propane usage, PG&E will utilize customer survey data as well as propane invoices provided by the customer where available. PG&E proposes to report on impacts that cover a period of at least one-year post-intervention in order to have data that covers all weather

**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
Sempra 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