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



# Pacific Gas & Electric Company ELC (Corp ID 39) Status of Advice Letter 5792E As of May 5, 2020

Subject: Update to Residential Electric Vehicle Charging Rate Transition Plan Approved in Advice

Letter 5546-E

Division Assigned: Energy

Date Filed: 03-24-2020

Date to Calendar: 03-27-2020

Authorizing Documents: None

Disposition: Accepted

Effective Date: 04-30-2020

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

**CPUC Contact Information:** 

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Kimberly Loo 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Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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



**Erik Jacobson**Director
Regulatory Relations

Pacific Gas and Electric Company 77 Beale St., Mail Code B13U P.O. Box 770000 San Francisco, CA 94177

Fax: 415-973-3582

March 24, 2020

#### Advice 5792-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

<u>Subject:</u> Update to Residential Electric Vehicle Charging Rate Transition Plan Approved in Advice Letter 5546-E

# **Purpose**

PG&E provides an update to the Residential Electric Vehicle (EV) Charging Rate Transition plan previously approved in Advice Letter 5546-E.

## **Background**

On May 17, 2019 PG&E received approval of Advice Letter 5546-E, which outlined the transition plan for Electric Schedule EV, Rate A, to Schedule EV2. After the completion of the first annual transition in 2019, PG&E has outlined minor changes to transition timelines to mitigate potential delays due to Public Safety Power Shutoff (PSPS) events as well as updates to the NEM2 tariff with clarification regarding grandfathering eligibility.

The EV-A rate closed to new enrollments on July 1, 2019, at the same time that the EV2-A rate launched. All customers who were not eligible to remain on the rate were to be transitioned to EV2-A as part of an annual process that began in 2019 and will conclude in 2025.

#### **Summary of 2019 Transition:**

Customers were identified as eligible to transition to EV2-A if they met the following conditions:

- Had an active account on the EV-A rate
- The account was not pending removal from EV-A due to exceeding the 800% of baseline eligibility criteria
- Customer did not meet Net Energy Metering (NEM) grandfathering criteria

Transition Status	Total # of Customers
Total customers on EV-A rate on July 2, 2019	58,271
Customers transitioned to EV2-A in 2019	41,325
NEM customers eligible for grandfathering on EV-A	10,246
NEM customers waiting to transition in 2020 <sup>1</sup>	6,700

PG&E discovered inadvertent errors in identifying customers for transition during the initial process of communicating the November rate transition to eligible customers. This led to miscommunications to some NEM grandfathered customers<sup>2</sup>. As a result, in order to prevent an erroneous transition from EV-A to EV2-A, PG&E placed NEM customer transitions on hold as of November 2019 while corrections were made to the internal processes of identifying which customers are eligible for remaining on the EV-A rate.

Additionally, due to the timing of communications and transitions taking place during the months of September through December of 2019 which coincided with wildfire and PSPS events, there were delays to the transition start date due to internal PG&E resource constraints and PG&E's desire to limit customer communications not directly tied to wildfire and PSPS.

# <u>Transition of Customers from Electric Schedule EV, Rate A, to Electric Schedule EV2</u>

Taking into consideration lessons learned from the execution of its first annual EV-A rate transition, PG&E is rescheduling the timing of future transitions, including the 2020 transition, to take place in Spring instead of Fall to avoid overlap with potential future PSPS events. Transitions will take place over a 6-week period with a target start date in April of each year.

Current customers on Electric Schedule EV, Rate A will receive a notification approximately 30 days prior to their transition date. The messaging will emphasize the need to adjust their charging time to start at 12:00 AM instead of 11:00 PM to align with the off-peak period of the EV2-A rate and will also include information for how customers can determine the exact date of their transition based on their billing cycle.

<sup>1</sup> PG&E analysis found that most NEM customers who experienced a delay in transitioning from EV-A to EV2-A in the Fall of 2019 did not experience a negative financial impact. PG&E is conducting bill analysis for the small percentage of customers negatively impacted and will issue bill credits to those customers.

<sup>&</sup>lt;sup>2</sup> PG&E identified 1,734 NEM customers who received a miscommunication.

# <u>Transition of Customers without a Smart Meter</u>

Customers who do not have a smart meter will be transitioned via a separate process since their meters cannot be updated remotely. These customers will also receive a transition notice and will be contacted during the month transitions start to schedule an appointment for a PG&E field employee to update their meters with the new rate peak periods.

# **Summary of NEM Grandfathering eligibility process**

Determining NEM grandfathering is a complex process that requires lengthy analysis across different billing systems and databases that weren't designed to house dynamic fields. This process also involves layering different data sets to apply criteria associated with each NEM tariff and referencing multiple data fields including Permission to Operate date, who the original interconnection customer of record is, current account holder, and date of EV-A enrollment.

PG&E has modified its analysis to include all of these data points and has now finalized its list of customers who are eligible to remain on EV-A as a grandfathered NEM customer for up to 5 years. This list will be used to identify all customers to be transitioned to EV2-A during the 2020 – 2025 transitions based on their grandfathering expiration date. NEM grandfathered customers will also receive a notification informing them of their grandfathered status, its expiration date, and what to expect during their future transition to EV2-A.

# Grandfathering eligibility for customers who move into a home with existing Solar

During this analysis PG&E found that there was ambiguity in the NEM2 tariff that it will now clarify. PG&E's position is that EV-A TOU grandfathering does not apply to a residential customer who moved into a home with existing NEM2 generation and thereafter became a NEM2 customer (New Occupant). This is true even where the prior occupant of the home took service under the EV-A TOU rate and NEM2. Accordingly, PG&E proposes to modify its Rate Schedule NEM2 to reflect this understanding.

Decision 15-07-0019, issued prior to the NEM2 decision, noted that "rates and rate structures change periodically" and while the CPUC was "endeavoring to avoid abrupt changes...individual hardships may occur." In providing a five-year TOU grandfathering period for solar customers in that decision, the CPUC emphasized that grandfathering was appropriate because the customer who had made the investment in solar had an expectation that the TOU rate would not change:

"We are sympathetic to the challenges faced by individual customers who have elected to install rooftop solar. As Vote Solar and others point out, these individual TOU customers may have made the investment in solar assuming that the TOU rate would not change. Rooftop solar installations are often designed to maximize generation during the

TOU rate peak periods that were in place at the time of installation. In keeping with the RDPs of customer acceptance and energy efficiency, we believe the impact of changing or closing TOU tariffs should be mitigated. This is consistent with Section 745's recommendation that the Commission strive to set default TOU periods that are appropriate for at least five years."

Based on the cited record noted above:

- (1) the Commission prefers more narrowly tailored measures than grandfathering as a policy matter; and
- (2) New Occupant did not invest in the system and thus would not have had a reasonable expectation that the existing TOU rate would continue.

# **Tariff Revisions**

PG&E seeks the following updates and clarifications to the NEM2 tariff.

Modify Rate Schedule NEM2 in the Rates Section (Sheet 5):

- A. Residential Customers on this tariff, who are:
- i) the first customer who installs the REGF (that is, second or subsequent owners are not eligible) and
- ii) required to take TOU rates prior to the implementation of default TOU rates for all residential customers, and
- iii) on any TOU rate (including a TOU pilot rate) prior to the implementation of default residential TOU rates,

have the option to stay on that TOU rate for a period of five years from the date the customer commences the TOU rate.

This advice letter focuses on EV-A TOU rate, since most if not all of the customers that will be affected are on EV-A rate schedule; but this clarification would also apply to any customer on a residential TOU rate, who seek TOU grandfathering based on NEM2 tariff language.

# **Protests**

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than April 13, 2020, 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, 4<sup>th</sup> 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 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 the date of submittal, which is March 24, 2020.

#### **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.18-12-006, R.14-07-002 and A.16-06-013. 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 <a href="mailto:process Office@cpuc.ca.gov">process Office@cpuc.ca.gov</a>. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <a href="mailto:http://www.pge.com/tariffs/">http://www.pge.com/tariffs/</a>.

/S/

Erik Jacobson Director, Regulatory Relations

# **Attachments**

Attachment 1: Tariffs

Attachment 2: Redline Tariff

cc: Service List R.18-12-006, R.14-07-002 and A.16-06-013





# California Public Utilities Commission

# ADVICE LETTER



ENERGY UILLIY	OF CALL			
MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)				
Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39E)				
Utility type:  LEC GAS WATER PLC HEAT	Contact Person: Kimberly Loo Phone #: (415)973-4587 E-mail: PGETariffs@pge.com E-mail Disposition Notice to: KELM@pge.com			
EXPLANATION OF UTILITY TYPE  ELC = Electric GAS = Gas WATER = Water  PLC = Pipeline HEAT = Heat WATER = Water	(Date Submitted / Received Stamp by CPUC)			
Advice Letter (AL) #: 5792-E	Tier Designation: 1			
Subject of AL: Update to Residential Electric Vehicle Charging Rate Transition Plan Approved in Advice Letter 5546-E  Keywords (choose from CPUC listing): Compliance  AL Type:   Monthly  Quarterly  Annual  One-Time  Other:				
If AL submitted in compliance with a Commissi	on order, indicate relevant Decision/Resolution #:			
Does AL replace a withdrawn or rejected AL?	f so, identify the prior AL: $_{ m No}$			
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: 3/24/20	No. of tariff sheets: $_0$			
Estimated system annual revenue effect (%): N	·			
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: See Attachment 1				
Service affected and changes proposed $^{ ext{l:}}$ $_{ ext{N/A}}$	A			
Pending advice letters that revise the same tariff sheets: $ m _{N/A}$				

# 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: <a href="mailto:EDTariffUnit@cpuc.ca.gov">EDTariffUnit@cpuc.ca.gov</a>

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:

# Attachment 1 Advice 5792-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
46378-E	ELECTRIC SCHEDULE NEM2 NET ENERGY METERING SERVICE Sheet 5	44460-E
46379-E	ELECTRIC TABLE OF CONTENTS Sheet 1	46344-E
46380-E	ELECTRIC TABLE OF CONTENTS Sheet 6	46270-E

Revised Cancelling Revised

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

46378-E 44460-E

# ELECTRIC SCHEDULE NEM2 NET ENERGY METERING SERVICE

Sheet 5

RATES: (Cont'd.)

Customer-generators eligible for service under this schedule are exempt from the requirements of Schedule S—Standby Service except Multiple Tariff Facilities interconnected under the terms of Special Condition 4, may be subject to the requirements of Schedule S.

The charges and credits for Multiple Tariff Facilities taking service on this rate schedule under the provisions of Special Condition 4, will be calculated using the applicable OAS identified by the customer-generator in its application for interconnection and its interconnection agreement with PG&E or as subsequently changed by the customer-generator in accordance with PG&E's electric Rule 12.

Existing customer-generators being billed under sub-schedules NEM2S, NEM2EXP, NEM2EXPM, or NEM2A who only add storage and are eligible to use the estimation methodology described in Special Condition 9 ("NEM Paired Storage") will be billed using the estimation methodology as of their scheduled True-Up, provided that a True-Up is not required for any other reason. All other customer-generators with Multiple Tariff Facilities or NEM Paired Storage with existing NEM2 eligible generators or storage interconnecting additional generators, will receive a bill true-up prior to taking service under Special Condition 4. This ensures that all NEM2 accounts have the same Relevant Period, as defined in Special Condition 2, going forward.

Residential Customers on this tariff, who are:

the customer commences the TOU rate.

(T)

i. the first customer who installs the REGF (that is, second or subsequent owners are not eligible) and

(N)

required to take TOU rates prior to the implementation of default TOU rates for all residential customers, and

> | (N)

iii. on any TOU rate (including a TOU pilot rate) prior to the implementation of default residential TOU rates,

(T)

PG&E rates and rate design, including the rates and rate design reflected in this Tariff, are subject to change from time to time. Customers should take this into consideration when making any long term decisions based on rate structures that are currently in place.

have the option to stay on that TOU rate for a period of five years from the date

(Continued)

Advice Decision 5792-E

Issued by **Robert S. Kenney**Vice President, Regulatory Affairs

Submitted Effective Resolution

March 24, 2020

Revised Cancelling Revised

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

46379-E 46344-E

# **ELECTRIC TABLE OF CONTENTS**

Sheet 1

# **TABLE OF CONTENTS**

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Preliminary Statements	45406,44687,42856*,46219,417	723,40591,44724,46345-E	(1)
RulesMaps, Contracts and Deviations			
Sample Forms 40925*.37631.45743	3 41573* 37632 41152* 41153 377	769 44035 40671 37169-F	

(Continued)

Advice 5792-E Issued by Submitted March 24, 2020

Pecision Robert S. Kenney Effective
Vice President, Regulatory Affairs Resolution

Revised Cancelling Revised

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

46380-E 46270-E

# **ELECTRIC TABLE OF CONTENTS**

Sheet 6

# SCHEDULE TITLE OF SHEET SHEET NO.

#### Rate Schedules Other

S	Standby Service40243,45231,40245,44675,40247,40248,40249,40250,40251,40252,	
SB		
0.2		
E-BioMAT	Bioenergy Market Adjusting Tariff	
E-CHP	Combined Heat and Power PPA	
E-CHPS	Combined Heat and Power Simplified PPA30814,30815,30816, 30817-E	
E-CHPSA	Combined Heat And Power Simplified 500 kW PPA 30825,30826,31679,31680,31681,31682-E	
E-DCG	DCG Departing Customer Generation, CG	
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E-DEPART	Departing Customers	
E-DRP	Demand Response Provider Services	
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E-GT	Green Tariff (GT) Program	
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E-LORMS	Limited Optional Remote Metering Services	
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INCIVIEC		
NEMBIO	Net Energy Metering Service for Biogas Customer-Generators	
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NEMCCSF	Net Energy Metering Service for City and County of San Francisco	
NEMV	Virtual Net Metering for a Multi-Tenant or Multi-Meter Property	
	Served at the Same Service Delivery Point	
NEM2V		
I ACIVIC V	37831,37832,42046,42047,37835,37836,37837,37838,	
	42048,37840,42049,37842,37843,37844,37845,42050*-E	
	(Continue	ed)
	<u> </u>	-

Advice 5792-E Decision

# **Attachment 2**

**Redline Tariff** 

Revised Cancelling Original

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

44460-E 37799-E

# ELECTRIC SCHEDULE NEM2 NET ENERGY METERING SERVICE

Sheet 5

RATES: (Cont'd.)

Customer-generators eligible for service under this schedule are exempt from the requirements of Schedule S—Standby Service except Multiple Tariff Facilities interconnected under the terms of Special Condition 4, may be subject to the requirements of Schedule S.

The charges and credits for Multiple Tariff Facilities taking service on this rate schedule under the provisions of Special Condition 4, will be calculated using the applicable OAS identified by the customer-generator in its application for interconnection and its interconnection agreement with PG&E or as subsequently changed by the customer-generator in accordance with PG&E's electric Rule 12.

Existing customer-generators being billed under sub-schedules NEM2S, NEM2EXP, NEM2EXPM, or NEM2A who only add storage and are eligible to use the estimation methodology described in Special Condition 9 ("NEM Paired Storage") will be billed using the estimation methodology as of their scheduled True-Up, provided that a True-Up is not required for any other reason. All other customer-generators with Multiple Tariff Facilities or NEM Paired Storage with existing NEM2 eligible generators or storage interconnecting additional generators, will receive a bill true-up prior to taking service under Special Condition 4. This ensures that all NEM2 accounts have the same Relevant Period, as defined in Special Condition 2, going forward.

Residential Customers on this tariff, who are:

- i. the first customer who installs the REGF (that is, second or subsequent owners are not eligible) and
- ii. required to take TOU rates prior to the implementation of default TOU rates for all residential customers, and
- <u>iii.</u> on any TOU rate (including a TOU pilot rate) prior to the implementation of default residential TOU rates.

on this tariff, who are required to take TOU rates prior to the implementation of default TOU rates for all residential customers, and who are on any TOU rate (including a TOU pilot rate) prior to the implementation of default residential TOU rates, have the option to stay on that TOU rate for a period of five years from the date the customer commences the TOU rate.

PG&E rates and rate design, including the rates and rate design reflected in this Tariff, are subject to change from time to time. Customers should take this into consideration when making any long term decisions based on rate structures that are currently in place.

(Continued)

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

AT&T

Albion Power Company Alcantar & Kahl LLP

Alta Power Group, LLC Anderson & Poole

Atlas ReFuel BART

Barkovich & Yap, Inc. P.C. CalCom Solar

California Cotton Ginners & Growers Assn California Energy Commission California Public Utilities Commission California State Association of Counties 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 Downey & Brand

East Bay Community Energy Ellison Schneider & Harris LLP Energy Management Service

Engineers and Scientists of California

Evaluation + Strategy for Social

Innovation

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

SCE

SDG&E and SoCalGas

**SPURR** 

San Francisco Water Power and Sewer

Seattle City Light Sempra Utilities

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

Troutman Sanders LLP Utility Cost Management Utility Power Solutions Utility Specialists

Water and Energy Consulting Wellhead

Electric Company

Western Manufactured Housing Communities Association (WMA)

Yep Energy