

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



August 16, 2019

Advice Letter 5532-E/5532-E-A

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

SUBJECT: Implementation of the New Schedule EV2, for Residential Electric Vehicle Charging, Pursuant to Decision 18-08-013

Dear Mr. Jacobson:

Advice Letter 5532-E and supplemental 5532-E-A are effective as of July 1, 2019.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division



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

April 29, 2019

Advice 5532-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Implementation of the New Schedule EV2, For Residential Electric Vehicle Charging, Pursuant to Decision 18-08-013

Purpose

Pacific Gas and Electric Company (PG&E) requests approval of the attached proforma tariff for the new residential Rate Schedule EV2, Time of Use for Electric Vehicle Charging and Storage Customers, adopted in Decision (D.) 18-08-013. PG&E's proforma tariff is provided as Attachment 1. PG&E currently expects whole house service under Schedule EV2 to be available on July 1, 2019.

Background

On August 9, 2018, the California Public Utilities Commission (CPUC or Commission) issued D.18-08-013 in PG&E's Application to Revise Its Electric Marginal Costs, Revenue Allocation, and Rate Design. (Application 16-06-013). The decision accepts various settlement agreements that make significant changes to PG&E's rate designs. The decision adopted the Residential Rate Design Settlement which approved a significantly modified Electric Vehicle (EV) charging rate. In this Advice Letter, PG&E submits proforma tariffs for the new Schedule EV2 in compliance with the Phase II decision. PG&E's currently effective residential EV charging rate schedule, Schedule EV, will be retained for charging only service under Rate B, and service under Rate A to residential solar customers that are eligible for grandfathered treatment pursuant to D.16-01-044 and D.17-01-006, as revised by D.17-02-017 and D.17-10-018.

Tariff Revisions

Proposed proforma tariffs are provided as Attachment 1. In addition, for the convenience of the reader, PG&E has provided as Attachment 2 a comparison in red line showing the changes from the current Schedule EV so that the differences between Schedule EV and Schedule EV2 can be readily identified.

PG&E requests approval of these proforma tariffs in this Tier 1 Advice Letter. Final rates will be dependent on the revenue requirements in effect on July 1, 2019. PG&E will include final rates in either the advice letter for overall rate changes on July 1, or in a supplement to this advice letter if the Commission has not issued a disposition letter by that time.

Protests

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than May 20, 2019, which is 20 days¹ 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

¹ The 20-day protest period concludes on a weekend, therefore, PG&E is moving this date to the following business day.

(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

Pursuant to General Order 96-B, Industry Rule 5.1, PG&E requests that this Tier 1 advice submittal become effective by July 1, 2019.

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 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 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 R.18-12-006 and A.16-06-013



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 U39E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Yvonne Yang

Phone #: (415)973-2094

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: Yvonne.Yang@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) #: 5532-E

Tier Designation: 1

Subject of AL: Implementation of the New Schedule EV2, For Residential Electric Vehicle Charging, Pursuant to Decision 18-08-013

Keywords (choose from CPUC listing): Compliance, Tariffs

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.18-08-013

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: See Appendix F: Confidentiality Declaration
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: 7/1/19

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:

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:

Advice 5532-E
April 29, 2019

Attachment 1
Proforma Tariffs



**ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE**

Sheet 1

SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS

APPLICABILITY: Except as noted below, this optional schedule applies to electric service to customers for whom Schedule E-1 applies and who have a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises. This schedule is not available to customers with a conventional, charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV). Low speed electric vehicles and electrically powered motorcycles or bicycles, as defined by the California Motor Vehicle Code, are not eligible for this rate option. In addition, this schedule is available on a pilot basis to customers that have installed battery storage as described in Special Condition 8. Service under this schedule is provided at the sole option of PG&E and based upon the availability of metering equipment and customer infrastructure improvements necessary for charging.

Customers taking service on this rate schedule cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over 12 months will be moved to Schedule E-TOU-B and will be prohibited from taking service on any electric vehicle rate schedule for 12 months. Customers must have 12 months of consecutive usage on this Rate Schedule before being subject to the requirement of being moved from Schedule EV to Schedule E-TOU-B as a result of exceeding the 800 percent of baseline 12-month threshold.

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule EV charges. See Special Condition 6 of this rate schedule for exemptions to standby charges.

This rate schedule applies to whole house service where the residential usage and the electric vehicle charging usage is metered together (that is, the electric vehicle charging usage is not metered separately. Bills issued under Schedule EV2 will be identified as EV2A.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Total bundled service charges are calculated using the total rates below. Customers on this schedule are subject to the delivery minimum bill amount shown below applied to the delivery portion of the bill (i.e. to all rate components other than the generation rate). In addition, total bundled charges will include applicable generation charges per kWh for all kWh usage.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

(Continued)

Advice Decision XXXX-E

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted _____
Effective _____
Resolution _____



**ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 2

RATES:(Cont'd.)

TOTAL RATE

Total Energy Rates (\$ per kWh)	PEAK	PART-PEAK	OFF-PEAK
Summer Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Winter Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Delivery Minimum Bill Amount (\$ per meter per day)		\$0.32854	
California Climate Credit (per household, per semi-annual payment occurring in the April and October bill cycles)		(\$27.70)	

Total bundled service charges shown on a customer's bills are unbundled according to the component rates shown below. Where the delivery minimum bill amount applies, the customer's bill will equal the sum of (1) the delivery minimum bill amount plus (2) for bundled service, the generation rate times the number of kWh used. For revenue accounting purposes, the revenues from the delivery minimum bill amount will be assigned to the Transmission, Transmission Rate Adjustments, Reliability Services, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charges, Energy Cost Recovery Amount, DWR Bond, and New System Generation Charges based on kWh usage times the corresponding unbundled rate component per kWh, with any residual revenue assigned to Distribution.***

UNBUNDLING OF TOTAL RATES

Energy Rates by Component (\$ per kWh)	PEAK	PART-PEAK	OFF-PEAK
Generation:			
Summer Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Winter Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Distribution**:			
Summer Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Winter Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Transmission* (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Transmission Rate Adjustments* (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Reliability Services* (all usage)	(\$0.XXXX)	(\$0.XXXXX)	(\$0.XXXXX)
Public Purpose Programs (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Nuclear Decommissioning (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Competition Transition Charges (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Energy Cost Recovery Amount (all usage)	(\$0.XXXXX)	(\$0.XXXXX)	(\$0.XXXXX)
DWR Bond (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
New System Generation Charge (all usage)**	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX

* Transmission, Transmission Rate Adjustments and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** This same assignment of revenues applies to direct access and community choice aggregation customers.

(Continued)

Advice XXXX-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution



**ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 3

**SPECIAL
CONDITIONS:**

1. **TIME PERIODS:** Times of the year and times of the day are defined as follows:
 - All Year:
 - Peak: 4:00 p.m. to 9:00 p.m. every day including weekends and holidays.
 - Partial-Peak: 3:00 p.m. to 4:00 p.m. and 9:00 p.m. to 12:00 a.m. every day including weekends and holidays.
 - Off-Peak: All other hours.
2. **SEASONAL CHANGES:** The summer season is June 1 through September 30 and the winter season is October 1 through May 31. When billing includes use in both the summer and winter periods, charges will be prorated based upon the number of days in each period.
3. **ADDITIONAL METERS:** If a residential dwelling unit is served by more than one electric meter, the customer must designate which meter is the primary meter and which is (are) the additional meter(s).
4. **BILLING:** A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates set forth above.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, the new system generation charge, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

(Continued)

Advice Decision XXXX-E

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted	_____
Effective	_____
Resolution	_____



**ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 4

SPECIAL
CONDITIONS:
(Cont'd.)

4. BILLING (Cont'd.):

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, the new system generation charge, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS, including exemptions continuous DA service, are set forth in Schedules DA CRS and CCA CRS.

	<u>DA / CCA CRS</u>
Energy Cost Recovery Amount Charge (per kWh)	(\$0.XXXXX)
DWR Bond Charge (per kWh)	\$0.XXXXX
CTC Charge (per kWh)	\$0.XXXXX
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.XXXXX
2010 Vintage	\$0.XXXXX
2011 Vintage	\$0.XXXXX
2012 Vintage	\$0.XXXXX
2013 Vintage	\$0.XXXXX
2014 Vintage	\$0.XXXXX
2015 Vintage	\$0.XXXXX
2016 Vintage	\$0.XXXXX
2017 Vintage	\$0.XXXXX
2018 Vintage	\$0.XXXXX

(Continued)

Advice XXXX-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted _____
Effective _____
Resolution _____



**ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE**

Sheet 5

SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS

SPECIAL
CONDITIONS:
(Cont'd.)

5. SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.
6. DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take service on a time-of-use (TOU) schedule in order to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.
7. DWR BOND CHARGE: The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.
8. ELIGIBILITY FOR CUSTOMERS WITH BATTERY STORAGE: Customers that otherwise qualify for Schedule E-1 may take service on this rate schedule on a pilot basis subject to the usage limitation described in "Applicability" above, and subject to the terms below.
 - Customers with battery storage may take service on this rate schedule even though they do not have an electric vehicle. Participation is available to all residential customers that otherwise qualify for Schedule E-1, including those customers with a Photovoltaic (PV) system.
 - Participation will be limited to 30,000 storage-only customers. Customers that have both an electric vehicle and battery storage will not count toward the participation limit.
 - Eligible battery storage customers must apply for interconnection and be granted permission to operate in order to take service on Schedule EV2.
 - The installed storage capacity, in kWh, must be at least 0.05% of the customer's annual consumption from the previous twelve months for customers with more than 6,000 kWh of annual usage. The installed storage capacity for customers with 6,000 kWh or less of annual usage must be at least 2 kWh. Customers with less than 12 months of usage history must install storage capacity, in kWh, of at least 2 kWh to be eligible for this rate schedule.

Advice XXXX-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted _____
Effective _____
Resolution _____

Advice 5532-E
April 29, 2019

Attachment 2

Redlined changes from Schedule EV



ELECTRIC SCHEDULE EV₂
RESIDENTIAL TIME-OF-USE
FOR ELECTRIC VEHICLE CHARGING AND STORAGE CUSTOMERS

Sheet 1

APPLICABILITY: ~~Except as noted below, this optional experimental~~ schedule applies to electric service to customers for whom Schedule E-1 applies and who have a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises. This schedule is not available to customers with a conventional, charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV). Low speed electric vehicles and electrically powered motorcycles or bicycles, as defined by the California Motor Vehicle Code, are not eligible for this rate option. ~~This rate schedule is subject to an enrollment cap of 60,000. In addition, this schedule is available on a pilot basis to customers that have installed battery storage as described in Special Condition 8.~~ Service under this schedule is provided at the sole option of PG&E and based upon the availability of metering equipment and customer infrastructure improvements necessary for charging. ~~Regardless of the level of participation, Rate A of Schedule EV will be closed to new enrollment on the later of July 1, 2019 or the date the new electric vehicle charging rate adopted by D.18-08-013 is available for enrollment.~~

~~Beginning on the later of July 1, 2019 or the date the new electric vehicle charging rate becomes available for enrollment, C~~customers taking service on ~~Rate A or Rate B of~~ this rate schedule cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over 12 months will be moved to Schedule E-TOU-B and will be prohibited from taking service on any electric vehicle rate schedule for 12 months. Customers must have 12 months of consecutive usage on this Rate Schedule before being subject to the requirement of being moved from Schedule EV to Schedule E-TOU-B as a result of exceeding the 800 percent of baseline 12-month threshold.

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule EV charges. See Special Condition 6 of this rate schedule for exemptions to standby charges.

~~This rate schedule applies to whole house service where the residential usage and the electric vehicle charging usage is metered together (that is, the electric vehicle charging usage is not metered separately). Depending on the manner in which customers will fuel their vehicle, one of the following rates will apply:~~

~~Rate A: —Applies to all applicable customers unless they qualify for and choose Rate B.~~

~~Rate B: —Applies to all applicable customers with a separately metered BEV or PHEV recharging outlet.~~

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Total bundled service charges are calculated using the total rates below. Customers on this schedule are subject to the delivery minimum bill amount shown below applied to the delivery portion of the bill (i.e. to all rate components other than the generation rate). In addition, total bundled charges will include applicable generation charges per kWh for all kWh usage.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

(Continued)

Advice	XXXX-E	Issued by	Submitted	April XX, 2019
Decision	D.18-08-013	Robert S. Kenney	Effective	July 1, 2019
		Vice President, Regulatory Affairs	Resolution	



ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
FOR ELECTRIC VEHICLE CHARGING AND STORAGE CUSTOMERS

Sheet 2

RATES:(Cont'd.)

Rate-A	TOTAL RATE		
	PEAK	PART-PEAK	OFF-PEAK
Total Energy Rates (\$ per kWh)			
Summer Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Winter Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Delivery Minimum Bill Amount (\$ per meter per day)		\$0.32854	
California Climate Credit (per household, per semi-annual payment occurring in the April and October bill cycles)		(\$27.70)	

Total bundled service charges shown on a customer's bills are unbundled according to the component rates shown below. Where the delivery minimum bill amount applies, the customer's bill will equal the sum of (1) the delivery minimum bill amount plus (2) for bundled service, the generation rate times the number of kWh used. For revenue accounting purposes, the revenues from the delivery minimum bill amount will be assigned to the Transmission, Transmission Rate Adjustments, Reliability Services, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charges, Energy Cost Recovery Amount, DWR Bond, and New System Generation Charges based on kWh usage times the corresponding unbundled rate component per kWh, with any residual revenue assigned to Distribution.***

UNBUNDLING OF TOTAL RATES

Energy Rates by Component (\$ per kWh)	PEAK	PART-PEAK	OFF-PEAK
Generation:			
Summer Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Winter Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Distribution**:			
Summer Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Winter Usage	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Transmission* (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Transmission Rate Adjustments* (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Reliability Services* (all usage)	(\$0.XXXXX)	(\$0.XXXXX)	(\$0.XXXXX)
Public Purpose Programs (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Nuclear Decommissioning (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Competition Transition Charges (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
Energy Cost Recovery Amount (all usage)	(\$0.XXXXX)	(\$0.XXXXX)	(\$0.XXXXX)
DWR Bond (all usage)	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX
New System Generation Charge (all usage)**	\$0.XXXXX	\$0.XXXXX	\$0.XXXXX

* Transmission, Transmission Rate Adjustments and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.
*** This same assignment of revenues applies to direct access and community choice aggregation customers.

(Continued)



**ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
FOR ELECTRIC VEHICLE CHARGING AND STORAGE CUSTOMERS**

Sheet 3

RATES: (Cont'd.)

TOTAL RATES

Rate B

Total Energy Rates (\$ per kWh)	PEAK	PART-PEAK	OFF-PEAK
Summer Usage	\$0.48220	\$0.26168	\$0.12511
Winter Usage	\$0.33308	\$0.20370	\$0.12815
Total Meter Charge Per Day	\$0.04928		

Total bundled service charges shown on customer's bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Meter Charge Rate: Meter charge rate provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Energy Rates by Component (\$ per kWh)	PEAK	PART-PEAK	OFF PEAK
—Generation:			
Summer	\$0.25622 (+)	\$0.12348 (+)	\$0.06205 (+)
Winter	\$0.09575 (+)	\$0.05982 (+)	\$0.06427 (+)
—Distribution**:			
— Summer	\$0.17556 (+)	\$0.08778 (+)	\$0.01264 (+)
— Winter	\$0.18691 (+)	\$0.09346 (+)	\$0.01346 (+)
Transmission* (all usage)	\$0.02469	\$0.02469	\$0.02469
Transmission Rate Adjustments* (all usage)	\$0.00325 (+)	\$0.00325 (+)	\$0.00325 (+)
Reliability Services* (all usage)	(\$0.00084) (R)	(\$0.00084) (R)	(\$0.00084) (R)
Public Purpose Programs (all usage)	\$0.01473 (+)	\$0.01473 (+)	\$0.01473 (+)
Nuclear Decommissioning (all usage)	\$0.00053 (+)	\$0.00053 (+)	\$0.00053 (+)
Competition Transition Charges (all usage)	\$0.00132	\$0.00132	\$0.00132
Energy Cost Recovery Amount (all usage)	(\$0.00057) (R)	(\$0.00057) (R)	(\$0.00057) (R)
DWR Bond (all usage)	\$0.00503	\$0.00503	\$0.00503
New System Generation Charge (all usage)**	\$0.00228	\$0.00228	\$0.00228

* Transmission, Transmission Rate Adjustments and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)



ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
FOR ELECTRIC VEHICLE CHARGING AND STORAGE CUSTOMERS

Sheet 4

SPECIAL CONDITIONS:

1. TIME PERIODS: Times of the year and times of the day are defined as follows:

All Year:

Peak: ~~42:00 p.m. to 9:00 p.m. every day including weekends and holidays. Monday through Friday. 3:00 p.m. to 7:00 p.m. Saturday, Sunday and Holidays.~~

Partial-Peak: ~~37:00 p.m. to 42:00 p.m. and 9:00 p.m. to 12:00 a.m. every day including weekends and holidays. Monday through Friday, except holidays.~~

Off-Peak: All other hours.

~~HOLIDAYS: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.~~

~~DAYLIGHT SAVING TIME ADJUSTMENT: The time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April, and for the period between the last Sunday in October and the first Sunday in November.~~

2. SEASONAL CHANGES: The summer season is ~~June~~May 1 through ~~September~~October 31 and the winter season is ~~October~~November 1 through ~~May~~April 31. When billing includes use in both the summer and winter periods, charges will be prorated based upon the number of days in each period.
3. ADDITIONAL METERS: If a residential dwelling unit is served by more than one electric meter, the customer must designate which meter is the primary meter and which is (are) the additional meter(s).
4. BILLING: A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates set forth above.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, the new system generation charge, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

(Continued)

Advice XXXX-E
Decision D.18-08-013

Issued by
Brian K. Cherry
Vice President
Regulatory Relations

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Effective July 1, 2019
Resolution



ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE

Sheet 5

FOR ELECTRIC VEHICLE CHARGING AND STORAGE CUSTOMERS

SPECIAL
CONDITIONS:
(Cont'd.)

4. BILLING (Cont'd.):

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, the new system generation charge, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS, including exemptions continuous DA service, are set forth in Schedules DA CRS and CCA CRS.

	<u>DA / CCA CRS</u>
Energy Cost Recovery Amount Charge (per kWh)	(\$0.XXXXX)
DWR Bond Charge (per kWh)	\$0.XXXXX
CTC Charge (per kWh)	\$0.XXXXX
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.XXXXX
2010 Vintage	\$0.XXXXX
2011 Vintage	\$0.XXXXX
2012 Vintage	\$0.XXXXX
2013 Vintage	\$0.XXXXX
2014 Vintage	\$0.XXXXX
2015 Vintage	\$0.XXXXX
2016 Vintage	\$0.XXXXX
2017 Vintage	\$0.XXXXX
2018 Vintage	\$0.XXXXX

(Continued)

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Robert S. Kenney
Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE EV2
RESIDENTIAL TIME-OF-USE
FOR ELECTRIC VEHICLE CHARGING AND STORAGE CUSTOMERS

Sheet 6

SPECIAL
CONDITIONS:
(Cont'd.)

- 5. SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.
- 6. DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take service on a time-of-use (TOU) schedule in order to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.
- 7. DWR BOND CHARGE: The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.

8. ELIGIBILITY FOR CUSTOMERS WITH BATTERY STORAGE: Customers that otherwise qualify for Schedule E-1 may take service on this rate schedule on a pilot basis subject to the usage limitation described in "Applicability" above, and subject to the terms below.

- Customers with battery storage may take service on this rate schedule even though they do not have an electric vehicle. Participation is available to all residential customers that otherwise qualify for Schedule E-1, including those customers with a Photovoltaic (PV) system.
- Participation will be limited to 30,000 storage-only customers. Customers that have both an electric vehicle and battery storage will not count toward the participation limit.
- Eligible battery storage customers must apply for interconnection and be granted permission to operate in order to take service on Schedule EV2.
- The installed storage capacity, in kWhs, must be at least 0.05% of the customer's annual consumption from the previous twelve months for customers with more than 6,000 kWh of annual usage. The installed storage capacity for customers with 6,000 kWh or less of annual usage must be at least 2 kWh. Customers with less than 12 months of usage history must install storage capacity, in kWh, of at least 2 kWh to be eligible for this rate schedule.

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

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
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City of Palo Alto	Los Angeles Dept of Water & Power	TransCanada
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