Revised Cancelling Original

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

46493-E

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### **ELECTRIC SCHEDULE BEV** BUSINESS ELECTRIC VEHICLES

Sheet 1

APPLICABILITY: Except as noted below, Electric Schedule Business Electric Vehicle (hereafter BEV) is an optional schedule that applies to commercial EV charging purposes where the non-EV commercial usage and the EV charging usage is metered separately. The designation "EV" includes battery electric vehicle or plug-in hybrid electric vehicle as well as low speed electric vehicles and electrically powered motorcycles or bicycles. This schedule is not available to residential or agricultural service for customers for which a residential or agricultural schedule is applicable with the exception of Multi-Family Accommodations as defined in Electric Rule 11, which qualify as commercial premises for purposes of BEV rate applicability.

> 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 (see "Special Conditions" section, item 10). Beginning October 1, 2020 Net Energy Metering (NEM) customers will be eligible for the BEV rate as long as customers meet the BEV eligibility requirements of being commercial customers with separate meters for EV charging. For more information on which NEM Schedule's are eligible, see the "Special Conditions" section, item 12.

> The BEV rate has two distinct rate options: BEV-1 and BEV-2. The BEV-1 rate option is applicable to customers with kW usage at or below 100 kW. The BEV-2 is applicable to customers with kW usage at or above 100 kW. Note that customers may be on the BEV-1 or BEV-2 at usage of 100 kW based on the customer's préference. BEV-1 is for Secondary Voltage service, and BEV-2 was designed with a Primary and Secondary Voltage option. Transmission Voltage customers are eligible for enrollment on the BEV-2 Primary rate.

The BEV rate replaces the customer charge and traditional maximum kW demand charge with a subscription-based model for monthly kW allocation. Customers taking service on this rate schedule can use any amount of kW and kWh but will incur an "overage" fee if the kW usage exceeds a customer's self-designated subscription level. The specific mechanics of the subscription model and overage fee are described in more detail in the "Special Conditions" section item 6 and item

TERRITORY:

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

RATES:

Total bundled service charges are calculated using the total rates below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

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<sup>&</sup>lt;sup>1</sup> The Rates and Rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and website at http://www.pge.com/tariffs. (Continued)

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BUSINESS ELECTRIC VEHICLES

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RATES:(Cont'd.)

#### **TOTAL RATE**

Total Energy Rates (\$ per kWh)	BEV-1		BEV-2-S (Secondary)		BEV-2-P (Primary / Transmission)	
Peak		(R)	\$0.33974	(R)	\$0.33195	(R)
Off-Peak Super Off-Peak		(R) (R)	\$0.12651 \$0.10324	(R) (R)	\$0.12307 \$0.10041	(R) (R)
Block Size (kW)	10		50		50	
Subscription Charge (per block) Subscription Charge (\$ per kW)*	\$12.41 \$1.24		\$95.56 \$1.91		\$85.98 \$1.72	
Overage Fee (\$ per kW)	\$2.48		\$3.82		\$3.44	

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

# **UNBUNDLING OF TOTAL RATES**

Energy Rates by Component (\$ per kWh)	BEV-1		BEV-2-S (Secondary)		BEV-2-P (Primary / Transmission)	
Generation:						
Peak	\$0.25786	(I)	\$0.27713	(I)	\$0.26675	(I)
Off-Peak	\$0.07530	(I)	\$0.07377	(1)	\$0.07077	(I)
Super Off-Peak	\$0.04991	(1)	\$0.04837	(I)	\$0.04657	(1)
Distribution***:						
Peak	\$0.01487		\$0.01261		\$0.01573	
Off-Peak	\$0.00542		\$0.00274		\$0.00283	
Super Off-Peak	\$0.00415		\$0.00487		\$0.00437	
Transmission** (all usage)	\$0.02784		\$0.02784		\$0.02784	
Transmission Rate Adjustments** (all usage)	(\$0.00248)	(R)	(\$0.00248)	(R)	(\$0.00248)	(R)
Reliability Services* (all usage)	\$0.00013		\$0.00013		\$0.00013	
Public Purpose Programs (all usage)	\$0.01607	(1)	\$0.01453	(1)	\$0.01400	(1)
Nuclear Decommissioning (all usage)	\$0.00093		\$0.00093		\$0.00093	
Competition Transition Charges (all usage)	\$0.00003		\$0.00003		\$0.00003	
Energy Cost Recovery Amount (all usage)	\$0.00032		\$0.00032		\$0.00032	
Wildfire Fund Charge (all usage)	\$0.00580		\$0.00580		\$0.00580	
New System Generation Charge (all usage)***	\$0.00318		\$0.00290		\$0.00290	

Advice	6090-E-A	Issued by	Submitted	February 26, 2021
Decision		Robert S. Kenney	Effective	March 1, 2021
		Vice President, Regulatory Affairs	Resolution	

<sup>\* \$/</sup>kW for informational purposes only. This does not constitute an additional charge.

<sup>\*\*</sup> Transmission, Transmission Rate Adjustments and Reliability Service charges are combined for presentation on customer bills.

<sup>\*\*\*</sup> Distribution and New System Generation Charges are combined for presentation on customer bills.

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### **ELECTRIC SCHEDULE BEV BUSINESS ELECTRIC VEHICLES**

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

TOU Period	Times	Days
Peak	4:00 p.m. to 9:00 p.m.	Every day including weekends and holidays, all year
Off-Peak	9:00 p.m. to 9:00 a.m. and 2:00 p.m. to 4:00 p.m.	Every day including weekends and holidays, all year.
Super Off-Peak	9:00 a.m. to 2:00 p.m.	Every day including weekends and holidays, all year/

- 2. SEASONAL CHANGES: Schedule BEV has no seasonal variation.
- 3. BILLING: A customer's bill is calculated based on the option applicable to the customer as follows.

**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 distribution, transmission, transmission rate adjustments, reliability services, 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.

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BUSINESS ELECTRIC VEHICLES

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 / (</u> BEV-1	CCA CRS BEV-2
Energy Cost Recovery Amount Charge (per kWh)	\$0.00032	\$0.00032
Wildfire Fund Charge (per kWh) CTC Charge (per kWh)	\$0.00580 \$0.00003	\$0.00580 \$0.00003
Power Charge Indifference Adjustment (per kWh)	BEV-1	BEV-2
" 2009 ´ 2010	\$0.02855 (I) \$0.03437 (I)	\$0.03355 (I) \$0.04039 (I)
2011	\$0.03592 (I)	\$0.04220 (I)
2012 2013	\$0.03803 (I) \$0.03821 (I)	\$0.04469 (I) \$0.04490 (I)
2013	\$0.03821 (I) \$0.03824 (I)	\$0.04494 (I)
2015	\$0.03842 (I)	\$0.04515 (i)
2016 2017	\$0.03867 (I) \$0.03871 (I)	\$0.04544 (I) \$0.04548 (I)
2018	\$0.03826 (1)	\$0.04496 (I)
2019 2020	\$0.02914 (I) \$0.02348 (I)	\$0.03424 (I) \$0.02759 (I)
2021	\$0.02348 (I)	\$0.02759 (I)

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Advice 6090-E-A Issued by Submitted February 26, 2021

Robert S. Kenney Effective March 1, 2021

Vice President, Regulatory Affairs Resolution

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# ELECTRIC SCHEDULE BEV BUSINESS ELECTRIC VEHICLES

Sheet 5

SPECIAL CONDITIONS: (Cont'd.)

- 5. WILDFIRE FUND CHARGE: The Wildfire Fund Charge was imposed by California Public Utilities Commission Decisions 19-10-056, 20-07-014, 20-09-005, and 20-09-023 and is property of Department of Water Resources (DWR) for all purposes under California law. The Charge became effective October 1, 2020, and applies to all retail sales, excluding CARE and Medical Baseline sales. The Wildfire Fund Charge (where applicable) is included in customers' total billed amounts. The Wildfire Fund Charge replaces the DWR Bond Charge imposed by California Public Utilities Commission Decisions 02-10-063 and 02-12-082.
- 6. SUBSCRIPTION: The kW subscription component of the BEV replaces a kW demand charge. The BEV rate does not include demand or customer charges and instead uses a monthly subscription for customer's kW demand. The subscription comes in blocks of 10 kW for the BEV-1 rate and in blocks of 50 kW or the BEV-2 rate. A customer determines their estimated maximum kW demand and then selects a subscription level to suit their need.
- 7. GRACE PERIOD: A grace period is a period of three (3) billing cycles in which a BEV customer is not subject to overage fees (see "Special Conditions" section, item 8) associated with exceeding the customer's monthly pre-defined kW subscription. A grace period is triggered under either or both of the following two conditions: (1) a BEV customer first enrolls in a BEV rate, and/or (2) the BEV customer adds additional charging infrastructure that increases the customer's load and the customer informs PG&E of these changes. These events are described in more detail below.
  - a. Customer Enrollment: A grace period is triggered when a customer enrolls in a BEV rate.
    - A PG&E customer is eligible for a grace period when they enroll into a BEV rate. The grace period only applies to separate meters dedicated to electrical vehicle infrastructure and service equipment (EVSE).
    - ii. This means that customers who change from BEV-1 to BEV-2 (or vice versa) are eligible for a grace period upon enrollment in the new rate. For example, a customer that has been enrolled in the BEV-1 (<=100 kW) version of the rate and changes to BEV-2 (=>100 kW) or vice versa is eligible for a grace period.
  - b. Addition of Electrical Vehicle Service Equipment (EVSE): After a customer is enrolled in BEV rate, a second qualifying event for grace periods is if an existing customer enrolled on the BEV rate (BEV-1 or BEV-2) adds load supporting EVSE. In this case a customer must notify PG&E that they have increased the amount of EVSE infrastructure behind the meter, which will then trigger a grace period.
    - The main contributor to incremental increase in a customer's EV load is due to the addition of electrical vehicle chargers.

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## **ELECTRIC SCHEDULE BEV BUSINESS ELECTRIC VEHICLES**

Sheet 6

SPECIAL CONDITIONS: (Cont'd.)

7. GRACE PERIOD (Cont'd):

Note that an automatic adjustment of a customer's subscription level may occur at the end of a grace period for the following billing cycle. This would only occur if the customer had exceeded their subscription level on the third (and last) billing cycle of the grace period, in which case their subscription level for subsequent billing cycles would be automatically set to the overage amount from the third billing cycle of the grace period rounded up to the nearest kW block of subscription. The customer would be eligible to modify the subscription level again after three consecutive billing cycles following the end of the grace period.

Note that overage fees and grace periods will not be introduced to the rate until October 1, 2020. Customers who enroll on the BEV rate before October 1, 2020, will have a grace period introduced to their rates on or after October 1, 2020 depending on the start date of their billing period. These customers will not receive overage fees until three billing cycles have been completed after October 1, 2020.

8. OVERAGE/OVERAGE FEE: An overage is incurred when a customer surpasses the kW allotment of their pre-determined subscription level outside of a grace period. Note that the customer's subscription level is determined by the customer and can be increased or decreased as the customer sees fit. The only exception to this is the case of a "lock out" when PG&E auto adjusts the customer on the fourth month of billing following a customer overage in the third billing period within the grace period.

Overage will be based on 15-minute intervals readings of the average kW usage. For example, a customer with a 50 kW subscription whose average demand exceeds 50 kW in a given 15-minute interval of the billing cycle is considered to have incurred an overage.

If a customer exceeds their subscription after the grace period, PG&E will bill them for their subscription amount and any overages in increments of 1 kW. Although a customer may exceed their pre-determined kW subscription level multiple times per billing period, a customer can only incur one (1) financial penalty associated with overage for each billing period. Overage fees are based on the maximum kW demand in a given billing period. For example, if a customer with a 60 kW subscription uses 61 kW of demand in a 15-minute window followed by a 65 kW of demand in another 15-minute window, the customer will only incur an overage fee for the 5 kW overage for that billing period. Note: In some cases, such as rate version changes or seasonal cross overs, more than one billing period may be included in a general PG&E billing cycle.

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# **ELECTRIC SCHEDULE BEV BUSINESS ELECTRIC VEHICLES**

SPECIAL CONDITIONS: (Cont'd.)

- 9. NOTIFICATIONS: Customer agrees to provide and maintain at least one form of accurate notification for billing and financial related customer messages, which may include email or Short Message Service ("SMS"). If Customer subsequently opts out of SMS notifications, customer must agree to provide a current email for BEV notifications, such as overage fees, in order to be eligible for the rate.
- 10. METER: Customers eligible for this rate schedule must have an interval data meter that can be read remotely by PG&E. In addition, MV90 meters are eligible for the BEV starting October 1, 2020.
- 11. SERVICE VOLTAGE: Please refer to Electric Rule 2 for information regarding service delivery voltages.
- 12. NEM ELIGIBILITY: Bundled and unbundled Net Energy Metering (NEM) (T) customers taking service on NEM2S, NEM2EXP, NEM2EXPM, NEM2MT and NEM2PS are eligible for the BEV rate beginning October 1, 2020.
- 13. INCIDENTAL LOAD: An exception to the requirement that eligible meters are to be dedicated exclusively to BEV charging is that appliances and apparatus that solely serve the overall EV infrastructure of the site and no other use may be included as load on the BEV-dedicated meter. The eligible incidental load must not exceed 600 watts/277 volts and be limited to devices directly needed (T) solely to support the BEV infrastructure and charging uses of the site itself. The added load included on the BEV meter must not include load from any non-EV charging infrastructure facilities, appliances or apparatus.

Resolution