

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



November 24, 2020

Advice Letter PGE AL 5830-E, 5830E-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: Addition of B1-ST Storage Rate Option to Electric Schedule B-1 Pursuant to
Decision 18-08-013.**

Dear Mr. Jacobson:

Advice Letter AL 5830-E, 5830E-A is effective as of August 1st, 2020.

Sincerely,

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

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

May 19, 2020

Advice 5830-E

(Pacific Gas and Electric Company ID U 39 E)
Public Utilities Commission of the State of California

**Subject: Addition of B1-ST Storage Rate Option to Electric Schedule B-1
Pursuant to Decision 18-08-013**

Purpose

Pacific Gas and Electric Company (PG&E) requests California Public Utilities Commission's (CPUC, Commission) approval of the attached pro forma tariffs for the new small commercial storage rate option (option B1-ST) under Electric Rate Schedule B-1 as adopted in Decision (D.) 18-08-013. PG&E's pro forma tariff is provided as Attachment 1.

Background

On August 9, 2018, the California Public Utilities Commission (CPUC or Commission) issued D.18-08-013 (the Decision) in PG&E's 2017 General Rate Case Phase II Application to Revise Its Electric Marginal Costs, Revenue Allocation, and Rate Design (Application (A.) 16-06-013). The Decision accepts various settlement agreements that make significant changes to PG&E's rate designs. In particular, the decision adopted, with certain modifications, a settlement for Small Light and Power Rate Design that included a new rate option for small commercial customers called the A-1 STORE rate. In this advice letter, PG&E has prepared pro forma tariffs for the A-1 STORE rate, renamed B1-ST herein, to be consistent with the nomenclature for the new small commercial rate schedules: Schedules B-1 and B-6.

PG&E currently expects the new B1-ST storage rate option to become available on a voluntary basis on August 1, 2020. In this advice letter PG&E is proposing pro forma tariffs pursuant to the Commission's decision.

Rate Design

The Small Light and Power Rate Design Settlement adopted by D.18-08-013 included illustrative rates for the new B1-ST rate based on overall rate levels in place in March 2017, together with rules for adjusting those rates for later implementation. In review of the Settlement rates, PG&E discovered an error in the allocation of sales by TOU period

which resulted in rates that were set too high. PG&E's illustrative rates provided in the pro forma tariff have been corrected and brought forward to be revenue neutral to May 1, 2020 rate levels based on the rules for adjusting the rates for revenue requirement and sales changes.

Tariff Revisions

PG&E has revised Schedule B-1 to include the new B1-ST optional rate. PG&E's pro forma tariff is provided as Attachment 1. PG&E's updated B-1 tariff includes the applicability and illustrative rate values for the new optional storage rate for small commercial customers (B1-ST). As noted above, the illustrative rates are based on overall rate levels effective on May 1, 2020. As required by D.18-08-013, Ordering Paragraph 8, the tariff specifies the eligibility for the new rate option without simply cross-referencing the Self-Generation Incentive Program (SGIP) Handbook or other SGIP rules. In addition, the tariff specifies that the demand charge on this new option applies only from 2 pm to 11 pm.

PG&E will revise these illustrative rates to take into consideration the revenue requirements that will be in effect on August 1, 2020, prior to the August 1, 2020 implementation date. PG&E requests approval of these new pro forma tariffs in this Tier 1 Advice Letter. PG&E will include final rates effective August 1 in a separate advice letter, or as a supplement to this advice letter if the Commission has not issued a disposition letter by the middle of July. PG&E's pro forma tariffs are provided as Attachment 1. For the convenience of the reader, PG&E has provided a redline version of the revised proforma tariff in Attachment 2.

Protests

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

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than June 8, 2020, which is 20 day after the date of this submittal. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

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

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

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

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was 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 (GO) 96-B, Rule 5.1, and OP 8 of D.18-08-013 this advice letter is submitted with a Tier 1 designation. PG&E requests that this Tier 1 advice submittal become effective on August 1, 2020.

PG&E will include final rates effective August 1 in a separate advice letter, or as a supplement to this advice letter if the Commission has not issued a disposition letter by the middle of July.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for A.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 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 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) #: 5830-E

Tier Designation: 1

Subject of AL: Addition of B1-ST Storage Rate Option to Electric Schedule B-1 Pursuant to Decision 18-08-013

Keywords (choose from CPUC listing):

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:

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: 8/1/20

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 94117 State: California
Telephone (xxx) xxx-xxxx: (415) 793-2093
Facsimile (xxx) xxx-xxxx: (415) 973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City: State: California
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Clear Form

Attachment 1

Proforma Tariffs



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 1

APPLICABILITY: Schedule B-1 applies to single-phase and polyphase alternating-current service (for a description of these terms, see Section D of Rule 2*). This schedule is not available to residential or agricultural service for which a residential or agricultural schedule is applicable, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section). Customers that are otherwise eligible to take service on Schedule B-1 but are purchasing power to serve electric vehicle charging equipment, are not eligible to take service on this rate schedule.

Decision 18-08-013 adopted new TOU periods and seasonal definitions for all non-residential customer classes. Schedules A-1, A-6, A-10, E-19 and E-20 will be retained as legacy rate schedules with their current TOU periods until the rates with new TOU periods (Schedules B-1, B-6, B-10, B-19 and B-20) established in the same proceeding, become mandatory in March 2021. Certain qualifying customers with solar systems will be permitted to maintain (i.e., be grandfathered on) their existing legacy TOU rate periods for a certain period of time, per Decision 17-01-006, as described in the Electric Rule 1, Definitions: Behind-the-Meter Solar TOU Grandfathering and Eligibility Requirements.

These new rates with revised TOU periods adopted in D.18-08-013, including Schedule B-1, will be available to qualifying customers on a voluntary basis beginning in November 2019 through February 2021. During that period, eligible customers have a one-time opportunity to opt-in..

Customers eligible for this rate schedule must have an interval data meter that can be read remotely by PG&E. Beginning March 2021, customers still served on Schedule A-1, with the exception of solar grandfathered customers referenced above, will be transitioned to Schedule B-1 with revised TOU periods. The mandatory transition process is further described in the legacy rate Schedule A-1.

Customers with a maximum demand of 75 kW or greater for three consecutive months in the most recent twelve months are not eligible for continued service under this rate schedule. Eligibility for B-1 will be reviewed annually and the transition of customers that are no longer eligible for service on this rate schedule to Schedule B-10 will occur on the start of the customer's November billing cycle, or to Schedule B-19 Mandatory for customers with a maximum demand of 499 kW or greater for three consecutive months in the most recent twelve months. These customers will have at least 45-day notice prior to their planned transition date, during which they will continue to take service on this rate schedule. Customers may elect any other applicable rate schedule up to five (5) days prior to the planned transition date to Schedule B-10.

The provisions of Schedule SB—Standby Service Special Conditions 1 through 6 shall also apply to customers served under this schedule whose premises are regularly supplied in part (but not in whole) by electric energy from a non-utility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule SB, in addition to all applicable Schedule B-1 charges. Exemptions to Standby Charges are outlined in the Standby Applicability Section of this rate schedule.

(L)
(L)

* The 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)

Advice	5830-E	Issued by	Submitted	May 19, 2020
Decision	18-08-013	Robert S. Kenney	Effective	
		Vice President, Regulatory Affairs	Resolution	



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 2

APPLICABILITY:
(Cont'd)

B1-ST for Storage: The B1-ST rate for storage is an optional rate available to qualifying customers taking Bundled, DA or CCA service under Schedule B-1.

(N)

The B1-ST rate is a pilot program that will be offered with a cap on the number of participants of 15,000. The B1-ST rate for storage is available to customers who are subject to the maximum demand eligibility requirements for the class of 75 kW or usage in excess of 150,000 kWh per year (as defined in each rate schedule) and have a minimum energy storage capacity equal to the greater of either 4.8 kWh or at least 0.05 percent of the customer's annual usage (in kWh) for the previous 12 months. Customer under 75 kW that are eligible to take service on Schedule B-1 may elect to take service on B1-ST for Storage. For additional B1-ST details and program specifics see the Special Condition "B1-ST FOR STORAGE" provided further below in this tariff.

(N)

TERRITORY:

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

(L)

(Continued)

Advice 5830-E
Decision 18-08-013

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted May 19, 2020
Effective
Resolution



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 3

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

<u>Time-of-Use Rates</u>	B-1 Rates	B1-ST Rates	(L)(N)
<u>Total Customer Charge Rates</u>			
Customer Charge Single-phase (\$ per meter per day)	\$0.32854	\$0.32854 (N)	(L)
Customer Charge Poly-phase (\$ per meter per day)	\$0.82136	\$0.82136 (N)	(L)(N)
<u>Demand Charge</u> (for B1-ST only)			
Total Demand Rate (per metered kW/month assessed from 2:00 p.m. to 11:00 p.m. only)			(N)
Summer	---	\$3.64 (N)	(N)
Winter	---	\$3.64 (N)	(N)
<u>Total TOU Energy Rates</u> (\$ per kWh)			
Peak Summer	\$0.32805	\$0.39528 (N)	(L)(N)
Part-Peak Summer	\$0.27882	\$0.25398 (N)	(N)
Off-Peak Summer	\$0.25801	\$0.20665 (N)	(N)
Peak Winter	\$0.25263	\$0.29733 (N)	(L)(N)
Partial-Peak Winter (for B1-ST only)	---	\$0.26783 (N)	(N)
Off-Peak Winter	\$0.23651	\$0.17878 (N)	(L)(N)
Super Off-Peak Winter	\$0.22009	\$0.16236 (N)	(L)(N)

(Continued)



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 4

RATES:
(Cont'd.)

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

(L)

UNBUNDLING OF TOTAL RATES

Time-of-Use Rates

B-1 Rate

B1-ST Rate

(L)
(L)(N)

Customer and Demand Charge Rates: Customer and demand charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

(L)(T)
(L)(T)
(L)
(L)

Energy Rates by Components (\$ per kWh)

(L)

Generation:

Peak Summer
Part-Peak Summer
Off-Peak Summer

\$0.17737
\$0.12814
\$0.10733

\$0.18216 (N)
\$0.13970 (N)
\$0.10395 (N)

(L)
(L)(N)
(L)(N)

Peak Winter
Partial-Peak Winter (For B1-ST Only)
Off-Peak Winter
Super Off-Peak Winter

\$0.12212

\$0.10600
\$0.08958

\$0.13158 (N)
\$0.11924 (N)
\$0.09724 (N)
\$0.08082 (N)

(L)(N)
(N)
(L)(N)
(N)

Distribution:**

Peak Summer
Part-Peak Summer
Off-Peak Summer

\$0.09551
\$0.09551
\$0.09551

\$0.15795 (N)
\$0.05911 (N)
\$0.04753 (N)

(L)(N)
(N)
(L)(N)

Peak Winter
Partial-Peak Winter (For B1-ST Only)
Off-Peak Winter
Super Off-Peak Winter

\$0.07534

\$0.07534
\$0.07534

\$0.11058 (N)
\$0.09342 (N)
\$0.02637 (N)
\$0.02637 (N)

(L)(N)
(N)
(L)(N)
(N)

Transmission* (all usage)

\$0.02766

\$0.02766 (N)

(N)

Transmission Rate Adjustments* (all usage)

\$0.00314

\$0.00314 (N)

(N)

Reliability Services* (all usage)

(\$0.00051)

(\$0.00051) (N)

(N)

Public Purpose Programs (all usage)

\$0.01299

\$0.01299 (N)

(N)

Nuclear Decommissioning (all usage)

\$0.00101

\$0.00101 (N)

(N)

Competition Transition Charges (all usage)

\$0.00092

\$0.00092 (N)

(N)

Energy Cost Recovery Amount (all usage)

\$0.00005

\$0.00005 (N)

(N)

New System Generation Charge (all usage)**

\$0.00411

\$0.00411 (N)

(N)

DWR Bond (all usage)

\$0.00580

\$0.00580 (N)

(N)

California Climate Credit (all usage)***

\$0.00000

\$0.00000 (N)

(L)(N)

* 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.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 5

**TIME
PERIOD**

Times of the year and times of the day are defined as follows:

SUMMER (Service from June 1 through September 30):

Peak:	4:00 p.m. to 9:00 p.m.	Every day, including weekends and holidays
Partial-Peak:	2:00 p.m. to 4:00 p.m. AND 9:00 p.m. to 11:00 p.m.	Every day, including weekends and holidays
Off-Peak	All other hours	

WINTER (Service from October 1, through May 31):

Peak	4:00 p.m. to 9:00 p.m.	Every day, including weekends and holidays
Super Off Peak	9:00 a.m. to 2:00 p.m.	Every day in March, April and May only, including weekends and holiday
Off-Peak	All other hours.	

For Customer on B1-ST Only

Partial-Peak	2:00 p.m. to 4:00 p.m. AND 9:00 p.m. to 11:00 p.m.	Every day, including weekends and holidays
--------------	----------------------------------------------------	--------------------------------------------

SEASONS: The summer rate is applicable June 1 through September 30, and the winter rate is applicable 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.

CONTRACT: For customers who use service for only part of the year, this schedule is available only on annual contract.

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

In the event that the CPUC substantially reduces the surcharges or substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days.

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

(Continued)



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 6

BILLING: A customer's bill is calculated based on the option applicable to the customer. (L)

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the total rates and conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23, 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. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, 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.

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, New System Generation Charges, 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 are set forth in Schedules DA CRS and CCA CRS.

	DA /CCA CRS
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005
DWR Bond Charge (per kWh)	\$0.00580
CTC Charge (per kWh)	\$0.00092
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.02453
2010 Vintage	\$0.02756
2011 Vintage	\$0.02990
2012 Vintage	\$0.02979
2013 Vintage	\$0.03186
2014 Vintage	\$0.03230
2015 Vintage	\$0.03213
2016 Vintage	\$0.03199
2017 Vintage	\$0.03194
2018 Vintage	\$0.03196
2019 Vintage	\$0.03406
2020 Vintage	\$0.04065

(Continued)

Advice 5830-E
Decision 18-08-013

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted May 19, 2020
Effective
Resolution



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 7

CARE DISCOUNT:	Nonprofit Group-Living Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount pursuant to Schedule E CARE. CARE customers are exempt from paying the DWR Bond Charge.	(L)
STANDBY APPLICABILITY:	<p>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.</p> <p>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 transfer to Schedule A-6 or E-19, 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 - <i>Competition Transition Charge Responsibility for All Customers and CTC Procurement</i>, 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.</p>	
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 and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.	(L)

(Continued)



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 8

**B1-ST FOR
STORAGE
OPTION:**

B1-ST for Storage: The B1-ST for storage ("B1-ST") option is available to qualifying customers taking Bundled, DA or CCA service that are eligible to take service under Schedule B-1. The B1-ST option is available to customers who are subject to the maximum demand eligibility requirements for the class of 75 kW or usage in excess of 150,000 kWh per year (as defined in each rate schedule) and have a minimum energy storage capacity equal to the greater of either 4.8 kWh or at least 0.05 percent of the customer's annual usage (in kWh) for the previous 12 months.

If customer has usage history less than 12 months or customer has no usage history the battery capacity must be greater or equal to 4.8 kWh in order to qualify for the B1-ST.

The energy capacity (Wh) for energy storage technologies is calculated as follows:

DC/AC systems: The nominal voltage multiplied by the amp-hour capacity multiplied by the applicable efficiency (VDC x Amp-Hours x (1 kW/1000W) x Applicable Efficiency).

The following specifications must be provided to calculate energy capacity:

- Duration of discharge (hours)
- DC dischargeable amp-hour capacity, associated with the duration of discharge specified, including all losses and ancillary loads (such as power conditioning and thermal management)
- Nominal voltage (VDC)
- Applicable efficiency (if necessary), which accounts for conversion, transformation, or other efficiency losses (e.g. Inverter CEC weighted efficiency, DC-DC converter efficiency, etc.)

Basis for Demand Charge (applicable to B1-ST)

The customer will be billed for demand according to the customer's "maximum demand" each month based on the single highest demand occurring during the combined on-peak and part-peak period (2:00 p.m. to 11:00 p.m.). The demand charge will not apply to demand during the off-peak and super off-peak periods. However, the 75 kW eligibility threshold evaluation will include demand during the off-peak and super off-peak periods. The number of kW used will be recorded over 15-minute intervals; the highest 15-minute average in the month outside of off-peak and super off-peak hours will be the customer's maximum demand for demand charge per kW billing purposes.

(N)

(N)

(Continued)

Advice 5830-E
Decision 18-08-013

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted May 19, 2020
Effective
Resolution

Attachment 2

Redline Tariffs



U 39

**Pacific Gas and
Electric Company**

San Francisco, California

Revised
Cancelling Revised

Cal. P.U.C. Sheet No.

Cal. P.U.C. Sheet No. 46358-E

**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 1

APPLICABILITY: Schedule B-1 applies to single-phase and polyphase alternating-current service (for a description of these terms, see Section D of Rule 2*). This schedule is not available to residential or agricultural service for which a residential or agricultural schedule is applicable, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section). Customers that are otherwise eligible to take service on Schedule B-1 but are purchasing power to serve electric vehicle charging equipment, are not eligible to take service on this rate schedule.

Decision 18-08-013 adopted new TOU periods and seasonal definitions for all non-residential customer classes. Schedules A-1, A-6, A-10, E-19 and E-20 will be retained as legacy rate schedules with their current TOU periods until the rates with new TOU periods (Schedules B-1, B-6, B-10, B-19 and B-20) established in the same proceeding, become mandatory in March 2021. Certain qualifying customers with solar systems will be permitted to maintain (i.e., be grandfathered on) their existing legacy TOU rate periods for a certain period of time, per Decision 17-01-006, as described in the Electric Rule 1, Definitions: Behind-the-Meter Solar TOU Grandfathering and Eligibility Requirements.

These new rates with revised TOU periods adopted in D.18-08-013, including Schedule B-1, will be available to qualifying customers on a voluntary basis beginning in November 2019 through February 2021. During that period, eligible customers have a one-time opportunity to opt-in..

Customers eligible for this rate schedule must have an interval data meter that can be read remotely by PG&E. Beginning March 2021, customers still served on Schedule A-1, with the exception of solar grandfathered customers referenced above, will be transitioned to Schedule B-1 with revised TOU periods. The mandatory transition process is further described in the legacy rate Schedule A-1.

Customers with a maximum demand of 75 kW or greater for three consecutive months in the most recent twelve months are not eligible for continued service under this rate schedule. Eligibility for B-1 will be reviewed annually and the transition of customers that are no longer eligible for service on this rate schedule to Schedule B-10 will occur on the start of the customer's November billing cycle, or to Schedule B-19 Mandatory for customers with a maximum demand of 499 kW or greater for three consecutive months in the most recent twelve months. These customers will have at least 45-day notice prior to their planned transition date, during which they will continue to take service on this rate schedule. Customers may elect any other applicable rate schedule up to five (5) days prior to the planned transition date to Schedule B-10.

The provisions of Schedule SB—Standby Service Special Conditions 1 through 6 shall also apply to customers served under this schedule whose premises are regularly supplied in part (but not in whole) by electric energy from a non-utility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule SB, in addition to all applicable Schedule B-1 charges. Exemptions to Standby Charges are outlined in the Standby Applicability Section of this rate schedule.

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

(L)
(L)

* The 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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Decision 18-08-013

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

May 19, 2020



**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 2

APPLICABILITY:
(Cont'd)

B1-ST for Storage: The B1-ST rate for storage is an optional rate available to qualifying customers taking Bundled, DA or CCA service under Schedule B-1.

(N)

The B1-ST rate option is a pilot program that will be offered with a cap on the number of participants of 15,000. The B1-ST rate for storage is available to customers who are subject to the maximum demand eligibility requirements for the class of 75 kW or usage in excess of 150,000 kWh per year (as defined in each rate schedule) and have a minimum energy storage capacity equal to the greater of either 4.8 kWh or at least 0.05 percent of the customer's annual usage (in kWh) for the previous 12 months. Customer under 75 kW that are eligible to take service on Schedule B-1 may elect to take service on B1-ST for Storage. For additional B1-ST details and program specifics see the Special Condition "B1-ST FOR STORAGE" provided further below in this tariff.

(N)

TERRITORY:

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

(L)

(Continued)

Advice 5830-E
Decision 18-08-013

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
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May 19, 2020



U 39

**Pacific Gas and
Electric Company**

San Francisco, California

Cancelling

Revised
Revised

Cal. P.U.C. Sheet No.

Cal. P.U.C. Sheet No.

46464-E

**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 3

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

<u>Time-of-Use Rates</u>	<u>B-1 Rates</u>	<u>B1-ST Rates</u>	<u>(L)(N)</u>
Total Customer Charge Rates			(L)(N)
Customer Charge Single-phase (\$ per meter per day)	\$0.32854	\$0.32854 (N)	(L)(N)
Customer Charge Poly-phase (\$ per meter per day)	\$0.82136	\$0.82136 (N)	(L)(N)
<u>Demand Charge (for B1-ST only)</u>			(N)
<u>Total Demand Rate (per metered kW/month assessed from 2 pm to 11 pm only)</u>			(N)
<u>Summer</u>	---	\$3.64 (N)	(N)
<u>Winter</u>	---	\$3.64 (N)	(N)
Total TOU Energy Rates (\$ per kWh)			(L)(N)
Peak Summer	\$0.32805	\$0.39528 (N)	(L)(N)
Part-Peak Summer	\$0.27882	\$0.25398 (N)	(L)(N)
Off-Peak Summer	\$0.25801	\$0.20665 (N)	(L)(N)
Peak Winter	\$0.25263	\$0.29733 (N)	(L)(N)
<u>Partial-Peak Winter (for B1-ST only)</u>	---	\$0.26783 (N)	(N)
Off-Peak Winter	\$0.23651	\$0.17878 (N)	(L)(N)
Super Off-Peak Winter	\$0.22009	\$0.16236 (N)	(L)(N)

(Continued)

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Issued by
Robert S. Kenney
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Submitted
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**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 4

RATES:
(Cont'd.)

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

(L)

↓

UNBUNDLING OF TOTAL RATES

(L)

↓

Time-of-Use Rates

B-1 Rate

B1-ST Rate

(L)(N)

Customer and Demand Charge Rates: Customer and demand charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

(L)(T)

(L)(T)

(L)

(L)

Energy Rates by Components (\$ per kWh)

(L)

↓

Generation:

(L)

(L)(N)

Peak Summer
Part-Peak Summer
Off-Peak Summer\$0.17737
\$0.12814
\$0.10733\$0.18216 (N)
\$0.13970 (N)
\$0.10395 (N)

↓

Peak Winter
Partial-Peak Winter (For B1-ST Only)
Off-Peak Winter
Super Off-Peak Winter\$0.12212

\$0.10600
\$0.08958\$0.13158 (N)
\$0.11924 (N)
\$0.09724 (N)
\$0.08082 (N)

(L)(N)

(N)

(L)(N)

(N)

Distribution:**

↓

Peak Summer
Part-Peak Summer
Off-Peak Summer\$0.09551
\$0.09551
\$0.09551\$0.15795 (N)
\$0.05911 (N)
\$0.04753 (N)

↓

Peak Winter
Partial-Peak Winter (For B1-ST Only)
Off-Peak Winter
Super Off-Peak Winter\$0.07534

\$0.07534
\$0.07534\$0.11058 (N)
\$0.09342 (N)
\$0.02637 (N)
\$0.02637 (N)

(L)(N)

(N)

(L)(N)

(N)

Transmission* (all usage)
Transmission Rate Adjustments* (all usage)
Reliability Services* (all usage)
Public Purpose Programs (all usage)
Nuclear Decommissioning (all usage)
Competition Transition Charges (all usage)
Energy Cost Recovery Amount (all usage)
New System Generation Charge (all usage)**
DWR Bond (all usage)
California Climate Credit (all usage)***\$0.02766
\$0.00314
(\$0.00051)
\$0.01299
\$0.00101
\$0.00092
\$0.00005
\$0.00411
\$0.00580
\$0.00000\$0.02766 (N)
\$0.00314 (N)
\$(0.00051) (N)
\$0.01299 (N)
\$0.00101 (N)
\$0.00092 (N)
\$0.00005 (N)
\$0.00411 (N)
\$0.00580 (N)
\$0.00000 (N)

↓

↓

↓

↓

↓

↓

↓

↓

↓

(L)(N)

* 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.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

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Robert S. Kenney
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San Francisco, California

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Cal. P.U.C. Sheet No.

Cal. P.U.C. Sheet No.

45566-E*

**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 5

**TIME
PERIOD**

Times of the year and times of the day are defined as follows:

SUMMER (Service from June 1 through September 30):

Peak:	4:00 p.m. to 9:00 p.m.	Every day, including weekends and holidays
Partial-Peak:	2:00 p.m. to 4:00 p.m. AND 9:00 p.m. to 11:00 p.m.	Every day, including weekends and holidays
Off-Peak	All other hours	

WINTER (Service from October 1, through May 31):

Peak	4:00 p.m. to 9:00 p.m.	Every day, including weekends and holidays
Super Off Peak	9:00 a.m. to 2:00 p.m.	Every day in March, April and May only, including weekends and holiday
Off-Peak	All other hours.	

For Customer on B1-ST Only

<u>Partial-Peak</u>	<u>2:00 p.m. to 4:00 p.m. AND 9:00 p.m. to 11:00 p.m.</u>	<u>Every day, including weekends and holidays</u>
----------------------------	------------------------------------------------------------------	----------------------------------------------------------

SEASONS: The summer rate is applicable June 1 through September 30, and the winter rate is applicable 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.

CONTRACT: For customers who use service for only part of the year, this schedule is available only on annual contract.

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

In the event that the CPUC substantially reduces the surcharges or substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days.

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

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Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted May 19, 2020
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**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 6

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 and conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23, 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. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, 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.

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, New System Generation Charges, 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 are set forth in Schedules DA CRS and CCA CRS.

	DA /CCA CRS
Energy Cost Recovery Amount Charge (per kWh)	\$0.00005
DWR Bond Charge (per kWh)	\$0.00580
CTC Charge (per kWh)	\$0.00092
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.02453
2010 Vintage	\$0.02756
2011 Vintage	\$0.02990
2012 Vintage	\$0.02979
2013 Vintage	\$0.03186
2014 Vintage	\$0.03230
2015 Vintage	\$0.03213
2016 Vintage	\$0.03199
2017 Vintage	\$0.03194
2018 Vintage	\$0.03196
2019 Vintage	\$0.03406
2020 Vintage	\$0.04065

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Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
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**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 7

CARE DISCOUNT:	Nonprofit Group-Living Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount pursuant to Schedule E CARE. CARE customers are exempt from paying the DWR Bond Charge.	(L)
STANDBY APPLICABILITY:	<p>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.</p> <p>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 transfer to Schedule A-6 or E-19, 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 - <i>Competition Transition Charge Responsibility for All Customers and CTC Procurement</i>, 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.</p>	(L)
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 and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.	(L)

(Continued)

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**Pacific Gas and
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San Francisco, California

Revised

Cal. P.U.C. Sheet No.

**ELECTRIC SCHEDULE B-1
SMALL GENERAL SERVICE**

Sheet 8

**B1-ST FOR
STORAGE
OPTION:**

B1-ST for Storage: The B1-ST for storage ("B1-ST") option is available to qualifying customers taking Bundled, DA or CCA service that are eligible to take service under Schedule B1. The B1-ST option is available to customers who are subject to the maximum demand eligibility requirements for the class of 75 kW or usage in excess of 150,000 kWh per year (as defined in each rate schedule) and have a minimum energy storage capacity equal to the greater of either 4.8 kWh or at least 0.05 percent of the customer's annual usage (in kWh) for the previous 12 months.

If customer has usage history less than 12 months or customer has no usage history the battery capacity must be greater or equal to 4.8 kWh in order to qualify for the B1-ST.

The energy capacity (Wh) for energy storage technologies is calculated as follows:

DC/AC systems: The nominal voltage multiplied by the amp-hour capacity multiplied by the applicable efficiency (VDC x Amp-Hours x (1 kW/1000W) x Applicable Efficiency).

The following specifications must be provided to calculate energy capacity:

- Duration of discharge (hours)
- DC dischargeable amp-hour capacity, associated with the duration of discharge specified, including all losses and ancillary loads (such as power conditioning and thermal management)
- Nominal voltage (VDC)
- Applicable efficiency (if necessary), which accounts for conversion, transformation, or other efficiency losses (e.g. Inverter CEC weighted efficiency, DC-DC converter efficiency, etc.)

Basis for Demand Charge (applicable to B1-ST)

The customer will be billed for demand according to the customer's "maximum demand" each month based on the single highest demand occurring during the combined on-peak and part-peak period (2:00 p.m. to 11:00 p.m.). The demand charge will not apply to demand during the off-peak and super off-peak period. However, the 75 kW eligibility threshold evaluation will include demand during the off-peak and super off-peak periods. The number of kW used will be recorded over 15-minute intervals; the highest 15-minute average in the month outside of off-peak and super off-peak hours will be the customer's maximum demand for demand charge per kW billing purposes.

(N)

(N)

(Continued)

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

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Redwood Coast Energy Authority
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
	Energy Management Service	SCD Energy Solutions
Alta Power Group, LLC	Engineers and Scientists of California	
Anderson & Poole		
Atlas ReFuel	GenOn Energy, Inc.	SCE
BART	Goodin, MacBride, Squeri, Schlotz & Ritchie	SDG&E and SoCalGas
Barkovich & Yap, Inc.	Green Power Institute	SPURR
California Cotton Ginners & Growers Assn	Hanna & Morton	San Francisco Water Power and Sewer
California Energy Commission	ICF	Seattle City Light
California Public Utilities Commission	IGS Energy	Sempra Utilities
California State Association of Counties	International Power Technology	Southern California Edison Company
Calpine	Intestate Gas Services, Inc.	Southern California Gas Company
	Kelly Group	Spark Energy
Cameron-Daniel, P.C.	Ken Bohn Consulting	Sun Light & Power
Casner, Steve	Keyes & Fox LLP	Sunshine Design
Cenergy Power	Leviton Manufacturing Co., Inc.	Tecogen, Inc.
Center for Biological Diversity		TerraVerde Renewable Partners
		Tiger Natural Gas, Inc.
Chevron Pipeline and Power	Los Angeles County Integrated	TransCanada
City of Palo Alto	Waste Management Task Force	Troutman Sanders LLP
	MRW & Associates	Utility Cost Management
City of San Jose	Manatt Phelps Phillips	Utility Power Solutions
Clean Power Research	Marin Energy Authority	Water and Energy Consulting Wellhead
Coast Economic Consulting	McKenzie & Associates	Electric Company
Commercial Energy		Western Manufactured Housing
Crossborder Energy	Modesto Irrigation District	Communities Association (WMA)
Crown Road Energy, LLC	NLine Energy, Inc.	Yep Energy
Davis Wright Tremaine LLP	NRG Solar	
Day Carter Murphy		
Dept of General Services	Office of Ratepayer Advocates	
Don Pickett & Associates, Inc.	OnGrid Solar	
Douglass & Liddell	Pacific Gas and Electric Company	
	Peninsula Clean Energy	