



**ELECTRIC SCHEDULE E-20**  
**SERVICE TO CUSTOMERS WITH MAXIMUM**  
**DEMANDS of 1000 KILOWATTS or MORE**

Sheet 1

CONTENTS: This rate schedule is divided into the following sections:

- |                                     |                                      |     |
|-------------------------------------|--------------------------------------|-----|
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| 4. Metering Requirement             | 13. CARE Discount For Nonprofit      | (T) |
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| 6. Definition Of Time Periods       | 14. Electric Emergency Plan Rotating | (T) |
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1. APPLICABILITY: **Initial Assignment:** A customer is eligible for service under Schedule E-20 if the customer's maximum demand (as defined below) has exceeded 999 kilowatts for at least three consecutive months during the most recent 12-month period. If 70 percent or more of the customer's energy use is for agricultural end-uses, the customer will be served under an agricultural schedule.

Customer accounts which fail to qualify under these requirements will be evaluated for transfer to service under a different applicable rate schedule.

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 E-20 charges. Exemptions to standby charges are outlined in the Standby Applicability Section of this rate schedule.

**Transfers Off of Schedule E-20:** PG&E will review its Schedule E-20 accounts annually. A customer will be eligible for continued service on Schedule E-20 if its maximum demand has either: (1) Exceeded 999 kilowatts for at least 5 of the previous 12 billing months; or (2) Exceeded 999 kilowatts for any 3 consecutive billing months of the previous 14 billing months. If a customer's demand history fails both of these tests, PG&E will transfer that customer's account to service under a different applicable rate schedule.

**Assignment of New Customers:** If a customer is new and PG&E believes that the customer's maximum demand will exceed 999 kilowatts and that the customer should not be served under a time-of-use agricultural schedule, PG&E will serve the customer's account under Schedule E-20.

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Sheet 2

1. APPLICABILITY:  
 (Cont'd.)

**Definition of Maximum Demand:** Demand will be averaged over 15-minute intervals. "Maximum demand" will be the highest of all the 15-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to severe fluctuations, a 5-minute interval may be used. If the customer has any welding machines, the diversified resistance welder load, calculated in accordance with Section J of Rule 2, will be considered the maximum demand if it exceeds the maximum demand that results from averaging the demand over 15-minute intervals. The customer's maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month. (See Section 6 for a definition of "Peak-Period.")

**Standby Demand:** For customers for whom Schedule S—Standby Service Special Conditions 1 through 6 apply, standby demand is the portion of a customer's maximum demand in any month caused by nonoperation of the customer's alternate source of power, and for which a demand charge is paid under the regular service schedule.

If the customer imposes standby demand in any month, then the regular service maximum demand charge will be reduced by the applicable reservation capacity charge (see Schedule S Special Condition 1).

To qualify for the above reduction in the maximum demand charge, the customer must, within 30 days of the regular meter read date, demonstrate to the satisfaction of PG&E the amount of standby demand in any month. This may be done by submitting to PG&E a completed Electric Standby Service Long Sheet (Form 79-726).

**Solar Generation Demand Adjustment:** A customer who installs a solar electric generation facility on or after January 1, 2007 may be eligible to receive a Solar Generation Demand Adjustment. A customer will qualify for a Solar Generation Demand Adjustment if both of the following conditions are met: (1) the customer's solar electric generating facility was installed after January 1, 2007; and (2) the solar electric generation facility reduces the customer's maximum demand to the point that the customer would no longer be eligible for service under this schedule. The Solar Generation Demand Adjustment will be the fixed reduction in demand as determined by PG&E from the customer's interconnection agreement, and will be added to the customer's maximum demand for the sole purpose of determining the customer's eligibility for Schedule E-20.

The Solar Generation Demand Adjustment does not specifically guarantee the customer's continued eligibility for service under this schedule nor will it be applied to the customer's maximum demand for purposes of calculating the monthly maximum demand charge.

The Solar Generation Demand Adjustment will terminate on December 31, 2016.

2. TERRITORY:

Schedule E-20 applies everywhere PG&E provides electric service.

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(N)

(N)

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Sheet 3

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.

	<b>TOTAL RATES</b>		
	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$24.64066	\$32.85421	\$33.78891
Optional Meter Data Access Charge (\$ per meter per day)	\$0.98563	\$0.98563	\$0.98563
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$13.11	\$12.62	\$12.02
Maximum Part-Peak Demand Summer	\$2.88	\$2.90	\$2.69
Maximum Demand Summer	\$7.94	\$6.60	\$3.67
Maximum Part-Peak Demand Winter	\$1.04	\$0.67	\$0.00
Maximum Demand Winter	\$7.94	\$6.60	\$3.67
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.14899 (I)	\$0.15405 (I)	\$0.10897 (I)
Part-Peak Summer	\$0.10212 (I)	\$0.10334 (I)	\$0.08683 (I)
Off-Peak Summer	\$0.08272 (I)	\$0.08136 (I)	\$0.07363 (I)
Part-Peak Winter	\$0.09083 (I)	\$0.08826 (I)	\$0.07882 (I)
Off-Peak Winter	\$0.07973 (I)	\$0.07714 (I)	\$0.06970 (I)
<b>Average Rate Limiter</b> (\$/kWh in summer months)	\$0.23455 (I)	\$0.23455 (I)	-
<b>Power Factor Adjustment Rate</b> (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005

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

(Continued)



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Sheet 4

3. RATES: (Cont'd.)

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

<u>Demand Rates by Component (\$ per kW)</u>	Secondary Voltage	Primary Voltage	Transmission Voltage
<b>Generation:</b>			
Maximum Peak Demand Summer	\$9.45	\$10.23	\$12.02
Maximum Part-Peak Demand Summer	\$1.93	\$2.24	\$2.69
Maximum Demand Summer	\$0.00	\$0.00	\$0.00
Maximum Part-Peak Demand Winter	\$0.00	\$0.00	\$0.00
Maximum Demand Winter	\$0.00	\$0.00	\$0.00
<b>Distribution:</b>			
Maximum Peak Demand Summer	\$3.66	\$2.39	\$0.00
Maximum Part-Peak Demand Summer	\$0.95	\$0.66	\$0.00
Maximum Demand Summer	\$4.27	\$2.93	\$0.00
Maximum Part-Peak Demand Winter	\$1.04	\$0.67	\$0.00
Maximum Demand Winter	\$4.27	\$2.93	\$0.00
<b>Transmission Maximum Demand*</b>	\$3.52	\$3.52	\$3.52
<b>Reliability Services Maximum Demand*</b>	\$0.15	\$0.15	\$0.15
<u>Energy Rates by Component (\$ per kWh)</u>			
<b>Generation:</b>			
Peak Summer	\$0.11953	\$0.12876	\$0.09221
Part-Peak Summer	\$0.07956	\$0.08267	\$0.07007
Off-Peak Summer	\$0.06245	\$0.06223	\$0.05687
Part-Peak Winter	\$0.06891	\$0.06812	\$0.06206
Off-Peak Winter	\$0.05912	\$0.05785	\$0.05294
<b>Distribution:</b>			
Peak Summer	\$0.01149	\$0.00769	\$0.00000
Part-Peak Summer	\$0.00459	\$0.00307	\$0.00000
Off-Peak Summer	\$0.00230	\$0.00153	\$0.00000
Part-Peak Winter	\$0.00395	\$0.00254	\$0.00000
Off-Peak Winter	\$0.00264	\$0.00169	\$0.00000
<b>Transmission Rate Adjustments* (all usage)</b>	(\$0.00108)	(\$0.00108)	(\$0.00108)
<b>Public Purpose Programs (all usage)</b>	\$0.00565	\$0.00549	\$0.00516
<b>Nuclear Decommissioning (all usage)</b>	\$0.00028	\$0.00028	\$0.00028
<b>Competition Transition Charge (all usage)</b>	\$0.00551	\$0.00530	\$0.00479
<b>Energy Cost Recovery Amount (all usage)</b>	\$0.00270 (I)	\$0.00270 (I)	\$0.00270 (I)
<b>DWR Bond (all usage)</b>	\$0.00491	\$0.00491	\$0.00491

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

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Sheet 5

3. RATES:  
 (Cont'd.)

a. TYPES OF CHARGES: The customer's monthly charge for service under Schedule E-20 is the sum of a customer charge, demand charges, and energy charges:

(T)

The **customer charge** is a flat monthly fee.

- Schedule E-20 has three **demand charges**, a maximum-peak-period-demand charge, a maximum-part-peak-period demand charge, and a maximum-demand charge. The maximum-peak-period-demand charge per kilowatt applies to the maximum demand during the month's peak hours, the maximum-part-peak-demand charge per kilowatt applies to the maximum demand during the month's part-peak hours, and the maximum-demand charge per kilowatt applies to the maximum demand at any time during the month. The bill will include all of these demand charges. (Time periods are defined in Section 6.)
- The **energy charge** is the sum of the energy charges from the peak, partial-peak, and off-peak periods. The customer pays for energy by the kilowatt-hour (kWh), and rates are differentiated according to time of day and time of year.
- The monthly charges may be increased or decreased based upon the power factor. (See Section 7.)
- As shown on the rate chart, which set of customer, demand, and energy charges is paid depends on the voltage at which service is taken. Service voltages are defined in Section 5 below.

(D)

b. AVERAGE RATE LIMITER (applies to bundled service only): If the customer takes service on Schedule E-20, in either the secondary or primary voltage class, bills will be controlled by a "rate limiter" during the summer months. The bill will be reduced if necessary so that the average rate paid for all demand and energy charges during a summer month does not exceed the rate limiter shown on this schedule. This provision will not apply if the customer has elected to receive separate billing for back-up and maintenance service pursuant to Special Condition 8 of Schedule S.

(T)

Reductions in revenue resulting from application of the average rate limiter will be reflected as reduced distribution amounts for billing purposes.

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Sheet 6

- (D)
4. **METERING REQUIREMENTS:** An interval data meter that measures and registers the amount of electricity a customer uses and can be read remotely by PG&E is required for all customers on this schedule. A Meter Data Management Agent (MDMA) may also read the customer's meter on behalf of the customer's Energy Service Provider (ESP) if a customer is receiving Direct Access Service.
- For bundled service customers with a maximum demand of 200 kW or greater for three consecutive months, PG&E will provide and install the interval data meter at no cost to the customer. The installation of an interval data meter for customers taking service under the provisions of Direct Access is the responsibility of the customer's Energy Service Provider, or their Agent, and must be installed in accordance with Electric Rule 22. (T)  
|  
(T)
- Customers who also request any meter data management services, must also sign an Interval Meter Data Management Service Agreement (Form 79-985) and must have an appropriate interval data meter.
5. **DEFINITION OF SERVICE VOLTAGE:** The following defines the three voltage classes of Schedule E-20 rates. Standard Service Voltages are listed in Rule 2.
- a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.
  - b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.
  - c. Transmission: This is the voltage class if the customer is served without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

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Advice Letter No: 2810-E-A  
 Decision No. 05-11-005

Issued by  
**Thomas E. Bottorff**  
 Senior Vice President  
 Regulatory Relations

Date Filed April 14, 2006  
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 Resolution No. \_\_\_\_\_





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Sheet 8

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|---|--|-----|
|   |  | (L) |
| 8. CHARGES FOR TRANSFORMER AND LINE LOSSES:   | The demand and energy meter readings used in determining the charges will be adjusted to correct for transformation and line losses in accordance with Section B.4 of Rule 2.  | (T) |
| 9. STANDARD SERVICE FACILITIES:               | If PG&E must install any new or additional facilities to provide the customer with service under Schedule E-20, the customer may have to pay some of the cost. Any advance necessary and any monthly charge for the facilities will be specified in a line extension agreement. See Rules 2, 15, and 16 for details.<br><br>Facilities installed to serve the customer may be removed when service is discontinued. The customer will then have to repay PG&E for all or some of its investment in the facilities. Terms and conditions for repayment will be set forth in the line extension agreement. | (T) |
| 10. SPECIAL FACILITIES:                       | PG&E will normally install only those standard facilities it deems necessary to provide service under Schedule E-20. If the customer requests any additional facilities, those facilities will be treated as "special facilities" in accordance with Section I of Rule 2.  | (T) |
| 11. ARRANGEMENTS FOR VISUAL-DISPLAY METERING: | If the customer wishes to have visual-display metering equipment in addition to the regular metering equipment, and the customer would like PG&E to install that equipment, the customer must submit a written request to PG&E. PG&E will provide and install the equipment within 180 days of receiving the request. The visual-display metering equipment will be installed near the present metering equipment. The customer will be responsible for providing the required space and associated wiring.<br><br>PG&E will continue to use the regular metering equipment for billing purposes.        | (T) |

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Sheet 9

12. 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 23.1, 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 FTA (where applicable), the RRBMA (where applicable), 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, the FTA (where applicable), the RRBMA (where applicable), 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.

	Secondary Voltage		Primary Voltage		Transmission Voltage
<b>DA CRS</b>					
Energy Cost Recovery Amount Charge (per kWh)	\$0.00270	(I)	\$0.00270	(I)	\$0.00270 (I)
Power Charge Indifference Adjustment (per kWh)	(\$0.00547)		(\$0.00526)		(\$0.00475)
DWR Bond Charge (per kWh)	\$0.00491		\$0.00491		\$0.00491
CTC Rate (per kWh)	\$0.00551		\$0.00530		\$0.00479
<b>Total DA CRS (per kWh)</b>	<b>\$0.00765</b>	<b>(I)</b>	<b>\$0.00765</b>	<b>(I)</b>	<b>\$0.00765 (I)</b>
<b>CCA CRS</b>					
Energy Cost Recovery Amount Charge (per kWh)	\$0.00270	(I)	\$0.00270	(I)	\$0.00270 (I)
Power Charge Indifference Adjustment (per kWh)	\$0.01449		\$0.01470		\$0.01521
DWR Bond Charge (per kWh)	\$0.00491		\$0.00491		\$0.00491
CTC Rate (per kWh)	\$0.00551		\$0.00530		\$0.00479
<b>Total CCA CRS (per kWh)</b>	<b>\$0.02761</b>	<b>(I)</b>	<b>\$0.02761</b>	<b>(I)</b>	<b>\$0.02761 (I)</b>

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Sheet 10

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|---|---|-----|
| 13. CARE DISCOUNT FOR NONPROFIT GROUP-LIVING AND SPECIAL EMPLOYEE HOUSING FACILITIES: | Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge. For CARE customers, no portion of the rates shall be used to pay the DWR Bond Charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charge (CTC), Energy Cost Recovery Amount, FTA and the Rate Reduction Bond Memorandum Account Rate.  | (T) |
| 14. ELECTRIC EMERGENCY PLAN ROTATING BLOCK OUTAGES:                                   | As set forth in CPUC Decision 01-04-006, all transmission level customers except essential use customers, Optional Binding Mandatory Curtailment (OBMC) plan participants, net suppliers to the electrical grid, or others exempt by the Commission, are to be included in rotating outages in the event of an emergency. A transmission level customer who refuses or fails to drop load shall be added to the next rotating outage group so that the customer does not escape curtailment. If the transmission level customer fails to cooperate and drop load at PG&E's request, automatic equipment controlled by PG&E will be installed at the customer's expense per Electric Rule 2. A transmission level customer who refuses to drop load before installation of the equipment shall be subject to a penalty of \$6/kWh for all load requested to be curtailed that is not curtailed. The \$6/kWh penalty shall not apply if the customer's generation suffers a verified, forced outage and during times of scheduled maintenance. The scheduled maintenance must be approved by both the ISO and PG&E, but approval may not be unreasonably withheld.  | (T) |
| 15. 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&amp;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 (TOU) 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 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 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> | (T) |

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Sheet 11

16. 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. (T)