



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

Sheet 1

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.

Peak Day Pricing Default Rates: Peak Day Pricing (PDP) rates provide customers the opportunity to manage their electric costs by reducing load during high-cost periods or shifting load from high-cost periods to lower-cost periods. Decision 10-02-032 ordered that beginning May 1, 2010, eligible large Commercial and Industrial (C&I) customers default to PDP rates. A customer is eligible for default when 1) it has at least twelve (12) billing months of hourly usage data available, and 2) it has measured demands equal to or exceeding 200 kW for three (3) consecutive months during the past 12 months. All eligible customers will be placed on PDP rates unless they opt out.

Customers that do not meet default eligibility may voluntarily elect to enroll on PDP rates.

Bundled service customers are eligible for PDP. Direct Access (DA) and Customer Choice Aggregation (CCA) service customers are not eligible, including those DA customers on transitional bundled service (TBS). Customers on standby service (Schedule S), or on net-energy metering Schedules NEMFC, NEMBIO, NEMCCSF, or NEMA, are not eligible for PDP. In addition, master-metered customers are not eligible, except for commercial buildings with submetering as stated in PG&E Rule 1 and Rule 18. Non-residential SmartAC customers are eligible.

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For additional PDP details and program specifics, see section 17.

(Continued)

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		<i>Vice President, Regulatory Affairs</i>	<i>Resolution</i>	



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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 or Fuel Cell Generation Demand Adjustment: A customer who installs a solar electric generation facility on or after January 1, 2007, or fuel cell electric generation facility may be eligible to receive a Generation Demand Adjustment. A customer will qualify for a Generation Demand Adjustment if both of the following conditions are met: (1) either the customer's solar electric generating facility was installed after January 1, 2007, or the customer's fuel cell electric generation facility was installed (and approved for interconnection by PG&E); and (2) the 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 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 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 Generation Demand Adjustment for solar generating facilities will terminate on December 31, 2016.

Option R for Solar: The Option R rate is available to qualifying Bundled, DA and CCA E-20 customers, with solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 18. (N)
(N)

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

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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.

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$39.42505	\$49.28131	\$65.70842
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	\$19.29 (I)	\$20.62 (I)	\$17.42
Maximum Part-Peak Demand Summer	\$5.32 (I)	\$5.45 (I)	\$4.15
Maximum Demand Summer	\$18.34 (I)	\$15.97 (I)	\$9.10 (I)
Maximum Part-Peak Demand Winter	\$0.05	\$0.13 (I)	\$0.00
Maximum Demand Winter	\$18.34 (I)	\$15.97 (I)	\$9.10 (I)
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.15018	\$0.15199	\$0.10502
Part-Peak Summer	\$0.10981	\$0.10749	\$0.09161
Off-Peak Summer	\$0.08210	\$0.08012	\$0.07386
Part-Peak Winter	\$0.10395	\$0.10163	\$0.09372
Off-Peak Winter	\$0.08893	\$0.08684	\$0.08008
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005
<u>PDP Rates</u>			
<u>PDP Charges (\$ per kWh)</u>			
All Usage During PDP Event	\$1.20	\$1.20	\$1.20
<u>PDP Credits</u>			
<u>Demand (\$ per kW)</u>			
Peak Summer	(\$5.69)	(\$6.22)	(\$5.95)
Part-Peak Summer	(\$1.40)	(\$1.47)	(\$1.42)
<u>Energy (\$ per kWh)</u>			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

(Continued)



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Sheet 4

3. RATES: (Cont'd.)

UNBUNDLING OF TOTAL RATES

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

Demand Rates by Component (\$ per kW)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Maximum Peak Demand Summer	\$13.41	\$14.72	\$17.42
Maximum Part-Peak Demand Summer	\$3.31	\$3.48	\$4.15
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
a			
Distribution**:			
Maximum Peak Demand Summer	\$5.88 (I)	\$5.90 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$2.01 (I)	\$1.97 (I)	\$0.00
Maximum Demand Summer	\$10.02 (I)	\$7.65 (I)	\$0.78 (I)
Maximum Part-Peak Demand Winter	\$0.05 (I)	\$0.13 (I)	\$0.00
Maximum Demand Winter	\$10.02 (I)	\$7.65 (I)	\$0.78 (I)
Transmission Maximum Demand*	\$8.01	\$8.01	\$8.01
Reliability Services Maximum Demand*	\$0.31	\$0.31	\$0.31
<u>Energy Rates by Component (\$ per kWh)</u>			
Generation:			
Peak Summer	\$0.12784	\$0.13073	\$0.08550
Part-Peak Summer	\$0.08747	\$0.08623	\$0.07209
Off-Peak Summer	\$0.05976	\$0.05886	\$0.05434
Part-Peak Winter	\$0.08161	\$0.08037	\$0.07420
Off-Peak Winter	\$0.06659	\$0.06558	\$0.06056
Distribution**:			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000
Off-Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Winter	\$0.00000	\$0.00000	\$0.00000
Off-Peak Winter	\$0.00000	\$0.00000	\$0.00000
Transmission Rate Adjustments* (all usage)	\$0.00221	\$0.00221	\$0.00221
Public Purpose Programs (all usage)	\$0.01238	\$0.01136	\$0.00968
Nuclear Decommissioning (all usage)	\$0.00020	\$0.00020	\$0.00020
Competition Transition Charge (all usage)	\$0.00080	\$0.00074	\$0.00068
Energy Cost Recovery Amount (all usage)	(\$0.00005)	(\$0.00005)	(\$0.00005)
DWR Bond (all usage)	\$0.00549	\$0.00549	\$0.00549
New System Generation Charge (all usage)**	\$0.00131	\$0.00131	\$0.00131

* 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.

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Sheet 5

3. RATES: (Cont'd.)

TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 18)

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$39.42505	\$49.28131	\$65.70842
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	\$1.47 (I)	\$1.47 (I)	\$0.00
Maximum Part-Peak Demand Summer	\$0.50 (I)	\$0.49 (I)	\$0.00
Maximum Demand Summer	\$18.34 (I)	\$15.97 (I)	\$9.10 (I)
Maximum Part-Peak Demand Winter	\$0.01	\$0.03	\$0.00
Maximum Demand Winter	\$18.34 (I)	\$15.97 (I)	\$9.10 (I)
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.33250 (I)	\$0.34845 (I)	\$0.29314
Part-Peak Summer	\$0.15773 (I)	\$0.15455 (I)	\$0.13145
Off-Peak Summer	\$0.08210	\$0.08012	\$0.07386
Part-Peak Winter	\$0.10415 (I)	\$0.10211 (I)	\$0.09372
Off-Peak Winter	\$0.08893	\$0.08684	\$0.08008
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

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Sheet 6

3. Rates: (Cont'd.)

UNBUNDLING OF TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 18)

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

<u>Demand Rates by Components (\$ per kW)</u>	<u>Secondary Voltage</u>	<u>Primary Voltage</u>	<u>Transmission Voltage</u>	
Generation:				
Maximum Peak Demand Summer	\$0.00	\$0.00	\$0.00	
Maximum Part-Peak Demand Summer	\$0.00	\$0.00	\$0.00	
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	
Distribution**:				
Maximum Peak Demand Summer	\$1.47	(I) \$1.47	(I) \$0.00	
Maximum Part-Peak Demand Summer	\$0.50	(I) \$0.49	(I) \$0.00	
Maximum Demand Summer	\$10.02	(I) \$7.65	(I) \$0.78	(I)
Maximum Part-Peak Demand Winter	\$0.01	\$0.03	\$0.00	
Maximum Demand Winter	\$10.02	(I) \$7.65	(I) \$0.78	(I)
Transmission Maximum Demand*	\$8.01	\$8.01	\$8.01	
Reliability Services Maximum Demand*	\$0.31	\$0.31	\$0.31	
<u>Energy Rates by Component (\$ per kWh)</u>				
Generation:				
Peak Summer	\$0.26514	\$0.28229	\$0.27362	
Part-Peak Summer	\$0.12067	\$0.11956	\$0.11193	
Off-Peak Summer	\$0.05976	\$0.05886	\$0.05434	
Part-Peak Winter	\$0.08161	\$0.08037	\$0.07420	
Off-Peak Winter	\$0.06659	\$0.06558	\$0.06056	
Distribution**:				
Peak Summer	\$0.04502	(I) \$0.04490	(I) \$0.00000	
Part-Peak Summer	\$0.01472	(I) \$0.01373	(I) \$0.00000	
Off-Peak Summer	\$0.00000	\$0.00000	\$0.00000	
Part-Peak Winter	\$0.00020	(I) \$0.00048	(I) \$0.00000	
Off-Peak Winter	\$0.00000	\$0.00000	\$0.00000	
Transmission Rate Adjustments* (all usage)	\$0.00221	\$0.00221	\$0.00221	
Public Purpose Programs (all usage)	\$0.01238	\$0.01136	\$0.00968	
Nuclear Decommissioning (all usage)	\$0.00020	\$0.00020	\$0.00020	
Competition Transition Charge (all usage)	\$0.00080	\$0.00074	\$0.00068	
Energy Cost Recovery Amount (all usage)	(\$0.00005)	(\$0.00005)	(\$0.00005)	
DWR Bond (all usage)	\$0.00549	\$0.00549	\$0.00549	
New System Generation Charge (all usage)**	\$0.00131	\$0.00131	\$0.00131	

* 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.

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Sheet 7

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: (L)
- 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. (L)

(Continued)

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Sheet 8

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.
- 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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Sheet 9

6. DEFINITION OF TIME PERIODS: Times of the year and times of the day are defined as follows:
- SUMMER Period A (Service from May 1 through October 31):
- Peak: 12:00 noon to 6:00 p.m. Monday through Friday (except holidays)
- Partial-peak: 8:30 a.m. to 12:00 noon Monday through Friday (except holidays)
AND 6:00 p.m. to 9:30 p.m.
- Off-peak: 9:30 p.m. to 8:30 a.m. Monday through Friday
All day Saturday, Sunday, and holidays
- WINTER Period B (service from November 1 through April 30):
- Partial-Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays)
- Off-Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday (except holidays)
All day Saturday, Sunday, and holidays

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.

CHANGE FROM SUMMER TO WINTER OR WINTER TO SUMMER: When a billing month includes both summer and winter days, PG&E will calculate demand charges as follows. It will consider the applicable maximum demands for the summer and winter portions of the billing month separately, calculate a demand charge for each, and then apply the two according to the number of billing days each represents.

7. POWER FACTOR ADJUSTMENTS: The bill will be adjusted based upon the power factor. The power factor is computed from the cosine of the arctangent of the ratio of lagging reactive kilovolt-ampere-hours to the kilowatt-hours consumed in the month. Power factors are rounded to the nearest whole percent. (T)

The rates in this rate schedule are based on a power factor of 85 percent. If the average power factor is greater than 85 percent, the total monthly bill will be reduced by the product of the power factor rate and the kilowatt-hour usage for each percentage point above 85 percent. If the average power factor is below 85 percent, the total monthly bill will be increased by the product of the power factor rate and the kilowatt-hour usage for each percentage point below 85 percent.

Power factor adjustments will be assigned to distribution for billing purposes.

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Sheet 10

- 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. (L)
- 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.

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.
- 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.
- 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.

PG&E will continue to use the regular metering equipment for billing purposes. (L)

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Sheet 11

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, 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	Secondary Voltage	Primary Voltage	Transmission Voltage
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00005) (R)	(\$0.00005) (R)	(\$0.00005) (R)
DWR Bond Charge (per kWh)	\$0.00549	\$0.00549	\$0.00549
CTC Rate (per kWh)	\$0.00080 (R)	\$0.00074 (R)	\$0.00068
Power Charge Indifference Adjustment (per kWh)			
2009 Vintage	\$0.01686 (I)	\$0.01572 (I)	\$0.01445 (I)
2010 Vintage	\$0.01916 (I)	\$0.01787 (I)	\$0.01643 (I)
2011 Vintage	\$0.01989 (I)	\$0.01854 (I)	\$0.01704 (I)
2012 Vintage	\$0.02045 (I)	\$0.01906 (I)	\$0.01752 (I)
2013 Vintage	\$0.02050 (I)	\$0.01911 (I)	\$0.01757 (I)
2014 Vintage	\$0.02030 (I)	\$0.01892 (I)	\$0.01740 (I)
2015 Vintage	\$0.02020 (I)	\$0.01883 (I)	\$0.01731 (I)
2016 Vintage	\$0.02024 (I)	\$0.01887 (I)	\$0.01735 (I)
2017 Vintage	\$0.02025 (I)	\$0.01888 (I)	\$0.01735 (I)
2018 Vintage	\$0.02025 (N)	\$0.01888 (N)	\$0.01735 (N)

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Sheet 13

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.

17. PEAK DAY PRICING DETAILS: a. Default Provision: The default of eligible customers to PDP will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers will be defaulted to PDP unless they opt-out to a TOU rate at least five (5) days prior to their planned default date. Existing customers on a PDP rate eligible demand response program will have the option to enroll.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMASH are eligible for default and opt-in PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in 17.c, may be independent 12 month periods. After the first year on PDP, NEM credits can offset PDP charges. All PDP billing for NEM customers will be based on net usage during each 15-minute interval. Net positive usage above the CRL, as well as net exports in excess of the CRL, in each 15-minute interval will be subject to PDP credits and charges as applicable. (N)

b. Capacity Reservation Level: Customers may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed under a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (May 1 through October 31). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate. (T)

If a customer fails to elect an initial CRL, the customer's initial CRL will be set at 50% of its most recent six (6) summer months' average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0). (N)

A customer may only elect to change their CRL once every 12 months.

(L)
(L)

(Continued)



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

Sheet 14

17. PEAK DAY PRICING DETAILS (continued):

d. Bill Stabilization: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate. (L)

If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer unenrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again. (L)

d. Notification Equipment: Customers, at their expense, must have access to the Internet and an e-mail address or a phone number to receive notification of a PDP event. In addition, all customers can have, at their expense, an alphanumeric pager or cellular telephone that is capable of receiving a text message sent via the Internet, and/or a facsimile machine to receive notification messages.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers; however it is the customer's responsibility to maintain accurate notification contact information, receive such notice and to check the PG&E website to see if an event is activated. PG&E does not guarantee the reliability of the phone, text messaging, e-mail system or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up to date. These are not actual PDP events and no load reduction is required.

e. Demand Response Operations Website: Customers can use PG&E's demand response operations website located at <https://inter-act.pge.com> for load curtailment event notifications and communications.

The customer's actual energy usage is available at PG&E's demand response operations website. This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's demand response operations website may be different from the actual bill.

f. Program Operations: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 2:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week. PDP events will be called from 2:00 p.m. to 6:00 p.m.

g. Event Cancellation: PG&E may initiate the cancellation of a PDP event before 4:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits.

(Continued)



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

Sheet 16

18. Option R The Option R rate is available to qualifying customers with PV systems that provide 15% or more of their annual electricity usage¹ as described below. No Benefitting* or Aggregated* account is eligible for Option R unless there is PV interconnected at that account that independently meets the requirements of Option R. i.e., the PV interconnected on that account meets 15% of the load at that account. (N)

Customers:

- a) Installing a new PV system with no existing generation or with existing non-PV generation; or
- b) With existing PV and non-PV generation (as an existing NEMMT)

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system output}_2}{\text{Annual electricity usage}_1} \geq 15 \%$$

Customers:

- a) With an existing PV system, that are installing new PV system
- b) Adding new solar to existing PV and Non-PV generation

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system (new + existing) output}_2}{\text{Annual PV system (new + existing) output}_2 + \text{Annual electricity usage}_1} \geq 15 \%$$

* Benefiting and Aggregated accounts are defined in rate schedules that allows for such accounts for example, NEM2, RES-BCT and other tariffs.

¹ Annual electricity usage (kWh): for customers with no generation will be the most recent usage over twelve billing periods, and for customers with existing generation it will be the net of imports and exports (if any, for all generators), measured at the PG&E meter over the most recent 12 billing periods. In cases where the most recent 12-month usage is not available PG&E will offer an alternate method.

² Annual PV system Output (kWh) = CEC_{AC} rating of the panels (kW) * 8760 hours/year * 18% capacity factor where:

$$\text{CEC}_{AC} \text{ Rating of the panels (kW)} = \frac{\text{Quantity of PV Modules (W)} \times \text{PTC Rating of PV Modules} \times \text{CEC Inverter Efficiency Rating}}{1000}$$

1000

Where the PTC and CEC inverter Efficiency Rating can be found at:

The PTC rating can be found here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/PV_Module_List_Simplified_Data.xlsx

and the CEC inverter efficiency rating here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/Inverter_List_Simplified_Data.xlsx

The above Annual PV System Output formula can be modified based on the following alternatives:

- a) For customers with existing PV system, the customer may choose to supply PG&E with reliable metered data measuring Annual PV system Output, if such data is available.
- b) Customers with trackers can use the alternate capacity factors of:

Have single axis	21%
Have dual axis	24%

(N)

(Continued)