



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 1

(D)

1. APPLICABILITY: **Initial Assignment:** A customer must take service under Schedule E-19 if: (1) the customer's load does not meet the Schedule E-20 requirements, but, (2) the customer's maximum billing demand (as defined below) has exceeded 499 kilowatts for at least three consecutive months during the most recent 12-month period (referred to as Schedule E-19). 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. Schedule E-19 is not applicable to customers for whom residential service would apply, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section).

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-19 charges. Exemptions to standby charges are outlined in the Standby Applicability Section of this rate schedule.

Voluntary E-19 Service: This schedule is available on a voluntary basis for customers with maximum billing demands less than 500 kW. Customers voluntarily taking service on this schedule are subject to all the terms and conditions below, unless otherwise specified in Section 14.

Ongoing daily Time-of-Use (TOU) meter charges applicable to customers taking voluntary TOU service under this rate schedule will no longer be applied if the customer has a SmartMeter™ installed.

Depending upon whether or not an Installation or Processing Charge applied prior to May 1, 2006, the customer will be served under one of these rates under Schedule E-19:

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Rate V: Applies to customers who were on Rate V as of May 1, 2006.

Rate W: Applies to customers who were on Rate W as of May 1, 2006.

Rate X: Applies to customers who were on Rate X as of May 1, 2006 or who qualify for the voluntary provisions of this tariff and enroll on E-19 on or after May 1, 2006.

(Continued)

Advice 3631-E
Decision 10-02-032

Issued by
Jane K. Yura
Vice President
Regulation and Rates

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Resolution	



ELECTRIC SCHEDULE E-19

Sheet 2

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

1. APPLICABILITY:
(Cont'd.)

Transfers Off of Schedule E-19: If a customer's maximum demand has failed to exceed 499 kilowatts for 12 consecutive months, PG&E will transfer that customer's account to voluntary E-19 service or to a different applicable rate schedule. After being placed on this schedule due to the 200 kW or greater provisions of this schedule, customers who fail to exceed 199 kilowatts for 12 consecutive months may elect to stay on the time-of-use provisions of this schedule or alternate time-of-use rate schedule.

Assignment of New Customers: If a customer is new and PG&E believes that the customer's maximum demand will be 500 through 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-19.

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 to a TOU rate

Decision 10-02-032, as modified by Decision 11-11-008, ordered that beginning November 1, 2014, eligible small and medium Commercial and Industrial (C&I) customers (those with demands that are not equal to or greater than 200kW for three consecutive months) default to PDP rates. A customer is eligible for default when it has at least twelve (12) billing months of hourly usage data available and two years of experience on TOU rates. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate.

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. Smart A/C customers may request PG&E to activate their A/C Cycling switch or Programmable Controllable Thermostat (PCT) when the customer is participating solely in a PDP event.

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For additional PDP details and program specifics, see Section 19.

(Continued)

Advice 5106-E
Decision 15-08-005

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Robert S. Kenney
Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 3

1. APPLICABILITY: (Cont'd.) **Definition of Maximum Demand:** Demand will be averaged over 15-minute intervals for customers whose maximum demand exceeds 499 kW. "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.") See Section 14 for the definition of maximum demand for customers voluntarily selecting E-19.

Solar Pilot Program: Customers who exceed 499 kW for at least three consecutive months during the most recent 12-month period and must otherwise take service on mandatory Schedule E-19 may elect service under Schedule A-6 under the terms outlined in the Solar Photovoltaic (solar or PV) Pilot Program section of Schedule A-6.

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Option R for Solar: The Option R rate is available to qualifying E-19 customers, including voluntary E-19 customers, with PV systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 20.

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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 Log Sheet (Form 79-726).

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

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.

(Continued)

Advice 4581-E
Decision 14-12-080

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Senior Vice President
Regulatory Affairs

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Resolution



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 4

3. Rates: (Cont'd.)

TOTAL RATES						
	Secondary Voltage		Primary Voltage		Transmission Voltage	
<u>Total Customer/Meter Charge Rates</u>						
Customer Charge Mandatory E-19 (\$ per meter per day)	\$19.71253		\$32.85421		\$59.13758	
Customer Charge Voluntary E-19:						
<u>Customer Charge with SmartMeter™ (\$ per meter per day)</u>						
	\$4.59959		\$4.59959		\$4.59959	
<u>Customer Charge without SmartMeter™</u>						
Customer Charge Rate V (\$ per meter per day)	\$4.77700		\$4.77700		\$4.77700	
Customer Charge Rate W (\$ per meter per day)	\$4.63507		\$4.63507		\$4.63507	
Customer Charge Rate X (\$ per meter per day)	\$4.77700		\$4.77700		\$4.77700	
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	\$19.65	(I)	\$17.49	(I)	\$14.06	(I)
Maximum Part-Peak Demand Summer	\$5.40	(I)	\$4.72	(I)	\$3.53	(I)
Maximum Demand Summer	\$17.74	(I)	\$14.70	(I)	\$9.56	(I)
Maximum Part-Peak Demand Winter	\$0.12		\$0.14	(R)	\$0.00	
Maximum Demand Winter	\$17.74	(I)	\$14.70	(I)	\$9.56	(I)
<u>Total Energy Rates (\$ per kWh)</u>						
Peak Summer	\$0.16055	(I)	\$0.14944	(I)	\$0.11286	(I)
Part-Peak Summer	\$0.11613	(I)	\$0.10739	(I)	\$0.09859	(I)
Off-Peak Summer	\$0.08671	(I)	\$0.08036	(I)	\$0.07970	(I)
Part-Peak Winter	\$0.11004	(I)	\$0.10171	(I)	\$0.10083	(I)
Off-Peak Winter	\$0.09401	(I)	\$0.08704	(I)	\$0.08632	(I)
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	(\$5.82)	(R)	(\$5.66)	(R)	(\$4.20)	(I)
Part-Peak Summer	(\$1.44)	(R)	(\$1.38)	(R)	(\$1.05)	(I)
<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)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 5

3. Rates: (Cont'd.)

UNBUNDLING OF TOTAL RATES

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	\$13.86	(I)	\$12.37	(I)	\$14.06 (I)
Maximum Part-Peak Demand Summer	\$3.42	(I)	\$3.01	(I)	\$3.53 (I)
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	\$5.79	(R)	\$5.12	(R)	\$0.00
Maximum Part-Peak Demand Summer	\$1.98	(R)	\$1.71	(R)	\$0.00
Maximum Demand Summer	\$9.99	(R)	\$6.95	(R)	\$1.83 (R)
Maximum Part-Peak Demand Winter	\$0.12		\$0.14	(R)	\$0.00
Maximum Demand Winter	\$9.99	(R)	\$6.95	(R)	\$1.83 (R)
Transmission Maximum Demand*	\$7.46	(I)	\$7.46	(I)	\$7.46 (I)
Reliability Services Maximum Demand*	\$0.29	(I)	\$0.29	(I)	\$0.27 (I)

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

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

(Continued)

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Decision

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Robert S. Kenney
Vice President, Regulatory Affairs

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March 1, 2018



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 6

3. Rates: (Cont'd.)

UNBUNDLING OF TOTAL RATES (Cont'd.)

Energy Charges by Components (\$ per kWh)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Peak Summer	\$0.13766 (I)	\$0.12751 (I)	\$0.09096 (I)
Part-Peak Summer	\$0.09324 (I)	\$0.08546 (I)	\$0.07669 (I)
Off-Peak Summer	\$0.06382 (I)	\$0.05843 (I)	\$0.05780 (I)
Part-Peak Winter	\$0.08715 (I)	\$0.07978 (I)	\$0.07893 (I)
Off-Peak Winter	\$0.07112 (I)	\$0.06511 (I)	\$0.06442 (I)
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)	\$0.00218 (R)	\$0.00218 (R)	\$0.00218 (R)
Public Purpose Programs (all usage)	\$0.01269 (R)	\$0.01173 (R)	\$0.01170 (R)
Nuclear Decommissioning (all usage)	\$0.00020 (R)	\$0.00020 (R)	\$0.00020 (R)
Competition Transition Charge (all usage)	\$0.00083 (R)	\$0.00083 (R)	\$0.00083 (R)
Energy Cost Recovery Amount (all usage)	(\$0.00005) (R)	(\$0.00005) (R)	(\$0.00005) (R)
DWR Bond (all usage)	\$0.00549	\$0.00549	\$0.00549
New System Generation Charge (all usage)**	\$0.00155 (R)	\$0.00155 (R)	\$0.00155 (R)
California Climate Credit (all usage – E-19V only)***	\$0.00000 (I)	\$0.00000 (I)	\$0.00000 (I)

* 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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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 7

3. Rates: (Cont'd.)

TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 20)

	Secondary Voltage	Primary Voltage	Transmission Voltage	
<u>Total Customer/Meter Charge Rates</u>				
Customer Charge Mandatory E-19 (\$ per meter per day)	\$19.71253	\$32.85421	\$59.13758	
Customer Charge Voluntary E-19:				
<u>Customer Charge with SmartMeter™</u> (\$ per meter per day)	\$4.59959	\$4.59959	\$4.59959	
<u>Customer Charge without SmartMeter™</u>				
Customer Charge Rate V (\$ per meter per day)	\$4.77700	\$4.77700	\$4.77700	
Customer Charge Rate W (\$ per meter per day)	\$4.63507	\$4.63507	\$4.63507	
Customer Charge Rate X (\$ per meter per day)	\$4.77700	\$4.77700	\$4.77700	
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	\$1.45 (R)	\$1.28 (R)	\$0.00	
Maximum Part-Peak Demand Summer	\$0.50 (R)	\$0.43 (R)	\$0.00	
Maximum Demand Summer	\$17.74 (I)	\$14.70 (I)	\$9.56 (I)	
Maximum Part-Peak Demand Winter	\$0.03	\$0.04	\$0.00	
Maximum Demand Winter	\$17.74 (I)	\$14.70 (I)	\$9.56 (I)	
<u>Total Energy Rates (\$ per kWh)</u>				
Peak Summer	\$0.36095 (I)	\$0.34687 (I)	\$0.29876 (I)	
Part-Peak Summer	\$0.16677 (I)	\$0.15634 (I)	\$0.14244 (I)	
Off-Peak Summer	\$0.08671 (I)	\$0.08036 (I)	\$0.07970 (I)	
Part-Peak Winter	\$0.11052 (I)	\$0.10234 (I)	\$0.10083 (I)	
Off-Peak Winter	\$0.09401 (I)	\$0.08704 (I)	\$0.08632 (I)	
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.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 8

3. Rates: (Cont'd.)

UNBUNDLING OF TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 20)

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	\$1.45	(R)	\$1.28	(R)	\$0.00	
Maximum Part-Peak Demand Summer	\$0.50	(R)	\$0.43	(R)	\$0.00	
Maximum Demand Summer	\$9.99	(R)	\$6.95	(R)	\$1.83	(R)
Maximum Part-Peak Demand Winter	\$0.03		\$0.04		\$0.00	
Maximum Demand Winter	\$9.99	(R)	\$6.95	(R)	\$1.83	(R)
Transmission Maximum Demand*	\$7.46	(I)	\$7.46	(I)	\$7.46	(I)
Reliability Services Maximum Demand*	\$0.29	(I)	\$0.29	(I)	\$0.27	(I)

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

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

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 9

3. Rates: (Cont'd.)

UNBUNDLING OF TOTAL RATES FOR OPTION R (Cont'd.)
(for qualifying solar customers as set forth in Section 20)

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>Energy Charges by Components (\$ per kWh)</u>	<u>Secondary Voltage</u>		<u>Primary Voltage</u>		<u>Transmission Voltage</u>	
Generation:						
Peak Summer	\$0.29098	(I)	\$0.27796	(I)	\$0.27686	(I)
Part-Peak Summer	\$0.12891	(I)	\$0.11993	(I)	\$0.12054	(I)
Off-Peak Summer	\$0.06382	(I)	\$0.05843	(I)	\$0.05780	(I)
Part-Peak Winter	\$0.08715	(I)	\$0.07978	(I)	\$0.07893	(I)
Off-Peak Winter	\$0.07112	(I)	\$0.06511	(I)	\$0.06442	(I)
Distribution**:						
Peak Summer	\$0.04708	(R)	\$0.04698	(R)	\$0.00000	
Part-Peak Summer	\$0.01497	(R)	\$0.01448	(R)	\$0.00000	
Off-Peak Summer	\$0.00000		\$0.00000		\$0.00000	
Part-Peak Winter	\$0.00048	(R)	\$0.00063	(R)	\$0.00000	
Off-Peak Winter	\$0.00000		\$0.00000		\$0.00000	
Transmission Rate Adjustments* (all usage)	\$0.00218	(R)	\$0.00218	(R)	\$0.00218	(R)
Public Purpose Programs (all usage)	\$0.01269	(R)	\$0.01173	(R)	\$0.01170	(R)
Nuclear Decommissioning (all usage)	\$0.00020	(R)	\$0.00020	(R)	\$0.00020	(R)
Competition Transition Charge (all usage)	\$0.00083	(R)	\$0.00083	(R)	\$0.00083	(R)
Energy Cost Recovery Amount (all usage)	(\$0.00005)	(R)	(\$0.00005)	(R)	(\$0.00005)	(R)
DWR Bond (all usage)	\$0.00549		\$0.00549		\$0.00549	
New System Generation Charge (all usage)**	\$0.00155	(R)	\$0.00155	(R)	\$0.00155	(R)
California Climate Credit (all usage – E-19V only)***	\$0.00000	(I)	\$0.00000	(I)	\$0.00000	(I)

* 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 E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 10

3. Rates:
(Cont'd.)

- a. TYPES OF CHARGES: The customer's monthly charge for service under Schedule E-19 is the sum of a customer charge, demand charges, and energy charges: (L)
- The **customer charge** is a flat monthly fee. |
 - This schedule has three **demand charges**, a maximum-peak-period-demand charge, a maximum part-peak-period 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-period 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 meters required for this schedule may become obsolete as a result of electric industry restructuring or other action by the California Public Utilities Commission. Therefore, any and all risks of paying the required charges and not receiving commensurate benefit are entirely that of the customer. |
 - 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 level of the customers maximum demand and the voltage at which service is taken. Service voltages are defined in Section 5 below. (L)

(Continued)

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ELECTRIC SCHEDULE E-19

Sheet 11

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

**4. METERING
REQUIRE-
MENTS:**

PG&E will install a time-of-use meter that is appropriate for this schedule that measures and registers the amount of electricity a customer uses.

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Customers with a maximum demand of 200 kW or greater for three consecutive months must have an interval data meter that can be read remotely by PG&E. 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 additional cost to the customer. After the interval meter is installed, the customer must take service on a time-of-use schedule. 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.

If the customer does not currently qualify for an interval data meter, the customer must pay PG&E for the cost of purchasing and installing an interval meter, together with applicable Income Tax Component of Contribution (ITCC) charges and the cost to operate and maintain the interval meter, and must sign an Interval Meter Installation Service Agreement (Form 79-984).

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-19 rates. Standard Service Voltages are listed in Rule 2, Section B.1.

- 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 from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.

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(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 12

**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 AND 6:00 p.m. to 9:30 p.m.	Monday through Friday (except holidays)
Off-peak:	9:30 p.m. to 8:30 a.m. All day	Monday through Friday 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. All day	Monday through Friday (except holidays) 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
ADJUST-
MENTS:**

Bills will be adjusted based on the power factor for all customers except those selecting voluntary E-19 service. The power factor is computed from a trigonometric function 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.

(Continued)



ELECTRIC SCHEDULE E-19

Sheet 13

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

- | | | |
|--|---|--|
| 8. CHARGES
FOR TRANS-
FORMER 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: | <p>If PG&E must install any new or additional facilities to provide the customer with service under this schedule 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. This section does not apply to customers voluntarily taking service under Schedule E-19.</p> <p>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.</p> |

 |
| 10. SPECIAL
FACILITIES: | PG&E will normally install only those standard facilities it deems necessary to provide service under this schedule. If the customer requests any additional facilities, those facilities will be treated as "special facilities" in accordance with Section I of Rule 2. |

 |
| 11. ARRANGE-
MENTS FOR
VISUAL-
DISPLAY
METERING: | <p>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.</p> <p>PG&E will continue to use the regular metering equipment for billing purposes.</p> |

(L) |

(Continued)

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ELECTRIC SCHEDULE E-19

Sheet 14

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

12. COMMON-AREA ACCOUNTS: 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, have 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. (L)
- In the event that the CPUC 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. However, if this occurs prior to the April 1, 2004 to May 31, 2004, time period, the ECHO directed right of return period will be the only window for returning to a residential schedule.
- 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.
- Only those common-area accounts taking service on Schedule E-8 prior to moving to this tariff may return to Schedule E-8.
- Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. (L)

(Continued)

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San Francisco, California

Cal. P.U.C. Sheet No. 35059-E
Cal. P.U.C. Sheet No. 26950-E*

Sheet 15

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|-----|--------------------------------------|---|-----|
| 13. | VOLUNTARY SERVICE PROVISIONS: | Customers voluntarily taking service on Schedule E-19 (see Applicability Section) shall be governed by all the terms and conditions shown in Sections 1 through 12, unless different terms and conditions are shown below. | (L) |
| | | | |
| | | | |
| | a. | DEFINITION OF MAXIMUM DEMAND: Demand will be averaged over 15-minute intervals except, in special cases. "Maximum demand" will be the highest of all 15-minute averages for the billing month. | |
| | | | |
| | | SPECIAL CASES: (1) If the customer's use of energy is intermittent or subject to severe fluctuations, a 5-minute interval may be used; and (2) If the customer uses welders, the demand charge will be subject to the minimum demand charges for those welders' ratings, as explained in Section J of Rule 2. | |
| | | | |
| | b. | REDUCED CUSTOMER CHARGE: The reduced customer charge will be assessed only if the customer is taking service under this schedule on a voluntary basis or if the customer's maximum billing demand has not exceeded 499 kW for 12 or more consecutive months. | |
| | | | |
| | c. | SERVICE CONTRACTS: This rate schedule will remain in effect for at least twelve consecutive months before another schedule change is made, unless the customer's maximum demand has exceeded 499 kW for three consecutive months. | |
| | | | |
| | | | |
| 14. | BILLING: | A customer's bill is calculated based on the option applicable to the customer. | (L) |

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 16

14. BILLING: **Bundled Service Customers** receive supply and delivery services solely from PG&E.
(Cont'd.) 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
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00005) (R)
DWR Bond Charge (per kWh)	\$0.00549
CTC Charge (per kWh)	\$0.00083 (R)
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.01752 (I)
2010 Vintage	\$0.01992 (I)
2011 Vintage	\$0.02067 (I)
2012 Vintage	\$0.02125 (I)
2013 Vintage	\$0.02131 (I)
2014 Vintage	\$0.02109 (I)
2015 Vintage	\$0.02099 (I)
2016 Vintage	\$0.02104 (I)
2017 Vintage	\$0.02104 (I)
2018 Vintage	\$0.02104 (N)

15. 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 rate component. 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, New System Generation Charges¹, Competition Transition Charges (CTC), and Energy Cost Recovery Amount.

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San Francisco, California

Cal. P.U.C. Sheet No. 35392-E
Cal. P.U.C. Sheet No. 35061-E

Sheet 17

(N) (D)

(D)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 18

17. **STANDBY APPLICABILITY:** 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. (L)
- 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 - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.
18. **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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San Francisco, California

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Sheet 19

19. 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 may elect any applicable PDP rate. However, if the customers taking service on this schedule have not made that choice or elected to opt-out to a TOU rate at least five (5) days before their proposed default date, their service will be defaulted to the PDP version of this rate schedule on their 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 19.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.

$$\begin{array}{c} (N) \\ | \\ | \\ | \\ | \\ | \\ | \\ | \\ (N) \end{array}$$

- 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 on 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.

$$\begin{pmatrix} T \\ T \end{pmatrix}$$

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).

$$\begin{array}{c} (T) \\ (N) \\ | \\ (N) \end{array}$$

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

$$\begin{pmatrix} L \\ L \end{pmatrix}$$

(Continued)

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ELECTRIC SCHEDULE E-19
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Sheet 20

19. PEAK DAY PRICING DETAILS: (cont.)
- c. 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 un-enrolls 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 with demands of 200 kW or greater for three consecutive months 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 or on "My Account". 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 or on "My Account" 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-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 21

19. PEAK DAY PRICING DETAILS: (cont.)
- h. Event Trigger: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno. (L)
- Beginning May 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted to the demand response operations website or on PG&E's PDP website.
- PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes. (L)
- i. Program Terms: A customer may opt-out anytime during their initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.
- Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.
- j. Interaction with Other PG&E Demand Response Programs: Customers on a PDP rate may participate in a day-of dispatchable demand response program as established in D.09-08-027. If a NEM customer is on PDP, the customer cannot participate in a third party Demand Response program unless it ceases to be a PDP customer. If a third party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP. (N)
20. Option R
- The Option R rate is available to qualifying E-19 customers, including voluntary E-19 customers, with PV systems that provide 15% or more of their annual electricity usage.
- For a customer installing a new PV system, this eligibility requirement will be calculated as follows:
- $$\text{Annual PV system output}^1 / \text{Annual electricity usage}^2 \geq 15\%$$
- For a customer with an existing PV system, this eligibility requirement will be calculated as follows:
- $$\text{Annual PV system output}^3 / (\text{Annual PV system output}^3 + \text{Annual electricity usage}^2) \geq 15\%$$
- ¹ For a customer installing a new system, annual PV system output (kWh) will be estimated as CEC rating of the panels (kW) * 8,760 hours/year * 18% capacity factor.
- ² Annual electricity usage (kWh) will be measured at the PG&E meter over the last 12 months.
- ³ For a customer with an existing system, the customer may choose to supply PG&E with reliable metered data measuring annual PV system output, if such data are available. Alternatively, annual PV system output will be estimated using the formula in footnote 1.