

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298

Tel. No. (415) 703-1691



October 17, 2005

Advice Letter 2697-E

Rose de la Torre  
Pacific Gas & Electric  
77 Beale Street, Room 1088  
Mail Code B10C  
San Francisco, CA 94105

Subject: Notice of Federal Energy Regulatory Commission Rate Increase Filing (T08)

Dear Ms de la Torre:

To be consistent with an errata notice issued by FERC on October 5, 2005 for ER05-1284-000, the effective date for Advice Letter 2697-E is changed to March 1, 2006.

Sincerely,

A handwritten signature in black ink, appearing to read "S. H. Gallagher".

Sean H. Gallagher, Director  
Energy Division



**Pacific Gas and  
Electric Company®**

**Brian K. Cherry**  
Director  
Regulatory Relations

77 Beale Street, Room 1087  
San Francisco, CA 94105

*Mailing Address*  
Mail Code B10C  
Pacific Gas and Electric Company  
P.O. Box 770000  
San Francisco, CA 94177

August 9, 2005

**Advice 2697-E**

(Pacific Gas and Electric Company ID U 39 E)

415.973.4977  
Internal: 223.4977  
Fax: 415.973.7226  
Internet: BKC7@pge.com

Public Utilities Commission of the State of California

**Subject: Notice of Federal Energy Regulatory Commission Rate Increase Filing (TO8)**

**Purpose**

Pacific Gas and Electric Company (PG&E) hereby submits this advice to provide the Commission with notice of PG&E's recent filing with the Federal Energy Regulatory Commission (FERC) requesting a transmission rate increase for its retail electric customers. The purpose of PG&E's FERC filing is to request rates that reflect PG&E's most current estimates of the cost of providing transmission service.

**Background**

PG&E's eighth FERC-jurisdictional transmission revenue requirement request (TO8) was filed with the FERC on August 1, 2005, and assigned to FERC Docket No. ER05-1284.

The Commission has long recognized that FERC has jurisdiction over unbundled retail electric transmission rates in California, including transmission services provided under the FERC-approved California Independent System Operator Corporation (ISO) Tariff. To the extent that FERC decisions on ISO and transmission service have been issued, they are deemed reasonable for purposes of inclusion in retail electric rates. (See *New York v. FERC* (2002) 535 US 1.) That decision states, "when a bundled retail sale is unbundled and becomes separate transmission and power sales transactions, the resulting transmission transaction falls within the Federal Sphere of regulation," *Id.*, at page 12 (citing FERC Order 888 approvingly, citations omitted.)

Commission Resolution E-3930, approved on May 26, 2005, established a new process for CPUC notification and review of transmission-related changes, and embodies this understanding in new Process Element 1, where it states, "The Commission recognizes that under the filed rate doctrine, the Commission should allow a pass through of these transmission rates that are filed with and become effective at the FERC."

In its TO8 docket, PG&E has requested a \$107 million increase over its currently effective retail transmission rates, which would represent approximately a 19.6 percent increase over currently authorized transmission access rates. However, because transmission access rates account for a relatively small fraction (approximately 5 percent) of total bundled service rates, the resulting system average bundled service rate increase would only be approximately 1.0 percent. PG&E has requested an effective date of October 1, 2005 for this rate change. Between now and that date, PG&E expects FERC to either accept the filed rates and authorize these rates to become effective on the requested date (subject to refund), or to accept the filing but suspend the effective date for a period of five months, with a resulting effective date of March 1, 2006.

### **Compliance with Resolution E-3930**

PG&E submits this advice pursuant to Process Element 3 of Resolution E-3930. Consistent with past practice, PG&E has also provided the Commission with a complete copy of the multiple-volume FERC filing on the same date that it was filed with FERC, by service to Mr. Randolph L. Wu of the Commission's Legal Division.

Pursuant to Process Elements 3 through 5 of Resolution E-3930, PG&E provides as Attachment A a complete copy of its Exhibit PGE-19, as filed in the TO8 docket. Exhibit PGE-19 provides a complete statement of PG&E's current and proposed retail transmission rates. In this advice, PG&E requests authority to revise each corresponding transmission rate component of its CPUC-jurisdictional tariffs on that date which FERC ultimately authorizes these changes to become effective subject to refund, and to make corresponding adjustments to its total applicable CPUC-jurisdictional rates, with exceptions only as described below for the residential tariffs.

As described under Process Elements 5 and 6 of Resolution E-3930, California Assembly Bill 1X (AB 1X) constraints continue to apply to total rates for residential usage up to 130 percent of baseline ("Tier 1 and 2 usage"). As shown in Attachment A, PG&E's TO8 filing would increase the transmission access component of total rates under each of PG&E's applicable residential tariffs, from \$0.00705 to \$0.00879 per kilowatt-hour (kWh). PG&E proposes to meet AB 1X requirements for the TO8 rate change by: (1) making the indicated adjustment to the transmission rate component of each residential tariff (increase of \$0.00174 per kWh); (2) applying offsetting decreases to the Tier 1 and Tier 2 generation rates applicable under each such tariff (decrease of \$0.00174 per kWh); and (3) applying corresponding increases to generation rates for residential usage above 130 percent of baseline, in such a way as to preserve the total amount of all applicable generation rates paid by bundled service residential customers.

The result of these adjustments will be to hold PG&E's total bundled service rates fixed for residential Tier 1 and Tier 2 usage under 130 percent of baseline, as

required by AB 1X. The specific method used to develop the necessary adjustments to the generation component of rates for usage in excess of 130 percent of baseline will depend on the date upon which FERC authorizes the TO8 rate changes to become effective. If FERC authorizes the TO8 rate changes to become effective subject to refund on PG&E's requested effective date of October 1, 2005, the currently authorized Rate Design Settlement Agreement (RDSA) method would be used to determine the necessary adjustments. However, if FERC suspends the filing and authorizes a March 1, 2006 effective date for this rate change, PG&E anticipates that methods described in the Residential Rate Design Settlement submitted in Phase 2 of its 2003 General Rate Case (Application 04-06-024) would instead apply.

As anticipated under Process Element 4 of Resolution E-3930, PG&E will supplement this advice when the requested TO8 rate changes are approved, modified, denied or have been otherwise acted upon by the FERC. At that time, PG&E will also provide complete updated tariff sheets, including final adjustments to the generation rate components of the residential tariffs based on the specific method for adjusting upper-tier generation rates that is in effect on the date the FERC rate changes are to become effective.

### **Protests**

Anyone wishing to protest this filing may do so by sending a letter by **August 29, 2005**, which is 20 days from the date of this filing. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. Protests should be mailed to:

IMC Branch Chief – Energy Division  
California Public Utilities Commission  
505 Van Ness Avenue, 4<sup>th</sup> Floor  
San Francisco, California 94102

Facsimile: (415) 703-2200  
E-mail: [jjr@cpuc.ca.gov](mailto:jjr@cpuc.ca.gov) and [inj@cpuc.ca.gov](mailto:inj@cpuc.ca.gov)

Protests also should be sent by e-mail and facsimile to Mr. Jerry Royer, Energy Division, as shown above, and by U.S. mail to Mr. Royer at the above address.

The protest should be sent via both e-mail and facsimile to PG&E on the same date it is mailed or delivered to the Commission at the address shown below.

Pacific Gas and Electric Company  
Attention: Brian Cherry  
Director, Regulatory Relations  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, California 94177

Facsimile: (415) 973-7226  
E-mail: [PGETariffs@pge.com](mailto:PGETariffs@pge.com)

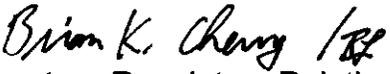
**Effective Date**

PG&E requests that this advice filing become effective on either October 1, 2005 or such later date as the FERC determines that these FERC-jurisdictional rate changes are to become effective, subject to refund.

**Notice**

In accordance with General Order 96-A, Section III, Paragraph G, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list. Address changes should be directed to Rose de la Torre at (415) 973-4716. Advice letter filings can also be accessed electronically at:

<http://www.pge.com/tariffs/>

  
Director - Regulatory Relations

Attachment A – Exhibit PGE-19 from FERC Docket No. ER05-1284

# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING SUMMARY ENERGY UTILITY

**MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)**

Company name/CPUC Utility No. **Pacific Gas and Electric Company (ID U39)**

Utility type:

ELC

GAS

PLC

HEAT

WATER

Contact Person: Bernard Lam

Phone #: (415) 973-4878

E-mail: bxlc@pge.com

### EXPLANATION OF UTILITY TYPE

ELC = Electric  
PLC = Pipeline

GAS = Gas  
HEAT = Heat

WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **2697-E**

Subject of AL: Notice of Federal Energy Regulatory Commission Rate Increase Filing (TO8)

Keywords (choose from CPUC listing): Compliance, Transmission Rates

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other \_\_\_\_\_

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

Resolution E-3930

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL<sup>1</sup>: \_\_\_\_\_

Resolution Required?  Yes  No To be determined pending conditions set forth in Process Element 6

Requested effective date: 10/1/2005

No. of tariff sheets: To be determined

Estimated system annual revenue effect (%): 19.6% increase over currently authorized transmission access rates

Estimated system average rate effect (%): average bundled service rate increase approximately 1.0 %

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: Residential, Commercial and Industrial, Agricultural, and Streetlighting rate schedules

Service affected and changes proposed<sup>1</sup>: To be determined

Pending advice letters that revise the same tariff sheets: To be determined

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:**

CPUC, Energy Division

Attention: Tariff Unit

505 Van Ness Ave.,

San Francisco, CA 94102

jjr@cpuc.ca.gov and jnj@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Brian K. Cherry

Director, Regulatory Relations

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

<sup>1</sup> Discuss in AL if more space is needed.

**Advice 2697-E  
Attachment A  
Exhibit PGE-19  
FERC Docket No. ER05-1284**

FILING WITH THE FEDERAL ENERGY REGULATORY COMMISSION

**PACIFIC GAS AND ELECTRIC COMPANY**

**TRANSMISSION OWNER TARIFF  
2006**

**EXHIBIT PGE-19**

**TRANSMISSION OWNER TARIFF**



**FERC DOCKET NO. \_\_\_\_\_**

**PACIFIC GAS AND ELECTRIC COMPANY**

**TRANSMISSION OWNER TARIFF**

**TO8**

**Clean Version**

The TACBAA shall be revised effective April 1 of each year; however, nothing in this TO Tariff shall limit the Participating TO from filing with the FERC under FPA Section 205 to revise the TACBAA rate at any other time.

**5.8 End-Use Customer Refund Adjustment ("ECRA").** For refunds due End-Use Customers for transmission service rendered on or after the effective date of new or revised retail rates authorized by the CPUC which modify the retail rates charged during the transition period established pursuant to Section 368 of the California Public Utilities Code, the Access Charge bills of End-Use Customers of the Participating TO shall include an ECRA for the twelve-month period beginning on the January 1 following the first date such a refund is due to End-Use Customers as ordered by the Commission. For TO Tariff rates effective in 2007, the ECRA will also include an adjustment for revenues received by the Participating TO from Standby Service Customers, plus interest, following the effective date of the rates requested by the Participating TO in its August 1, 2005 rate filing through September 30, 2006. For TO Tariff rates effective in 2008 and annually thereafter, the ECRA will also include an adjustment for the Standby Demand revenues received by the Participating TO, plus interest, from October 1 of the two year's prior through September 30 of the prior year. The Participating TO reserves the right to implement the ECRA sooner than the next January 1. When applicable, this ECRA will appear as a rate component of the End-Use Customer Access Charges for End-User Service in Appendix III. ECRA shall be a credit equal to the refund amount due to End-Use customers, including interest. Interest shall be paid for both the period prior to the refund obligation and for the period over which the refund is made, calculated for the period over which the refund is made with the refund amount amortized over that period.

---

The interest rate will be calculated pursuant to 18 C.F.R. § 35.19a(a)(2)(iii) and will be the rate under that section at the time the Participating TO files its refund compliance report. The Participating TO shall file a revised Appendix III (i) as part of its compliance report when the ECRA becomes effective and (ii) at the end of the refund period associated with the ECRA. The ISO and FA. The prices for Ancillary Services shall be determined in accordance with the ISO Tariff. Participating TO rates or bidding rules for Ancillary Services are set forth in Appendix IV of this TO Tariff.

## **7. Billing and Payment.**

**7.1 End-Users.** Billing and payment rules applicable to End-Users shall be pursuant to the then-current rules of the applicable Local Regulatory Authority.

### **7.2 Low Voltage Access Charge Revenues**

**7.2.1 Billing Procedure.** The Participating TO shall have access to metering data and shall have reasonable physical access to customer facilities to install any recording devices or telemetering equipment it may require to obtain data needed under this TO Tariff. The UDC, MSS or Scheduling Coordinator shall grant the Participating TO such access to facilities as may be required for proper operation and maintenance of all revenue metering equipment. Within a reasonable time after the Participating TO has collected the metering data for a month in which the Low Voltage Access Charge applies, the Participating TO shall submit an invoice to the applicable UDC, MSS or Scheduling Coordinator for the Low Voltage Access Charges applicable to services furnished during that month. The invoice shall be paid by the UDC, MSS, or Scheduling

---

**APPENDIX I**  
**Transmission and Reliability Services Revenue Requirements <sup>1</sup>**

- 1. The Transmission Revenue Requirement for purposes of calculating End-User transmission rates shall be \$639,199,907, which is composed of the Base Transmission Revenue Requirement of \$653,786,278 and the TRBAA of (\$14,586,371).**
- 2. For purposes of the ISO's calculation of Access Charges under Section 7.1 of the ISO Tariff:**
  - a. The High Voltage Transmission Revenue Requirement shall be \$256,465,561, which is composed of a base High Voltage Transmission Revenue Requirement of \$322,354,204, Standby Transmission Demand Revenue credit of (\$0), and a High Voltage TRBAA of (\$65,888,643).**
  - b. The Low Voltage Transmission Revenue Requirement shall be \$283,856,828, which is composed of a base Low Voltage Transmission Revenue Requirement of \$319,746,991, Standby Transmission Demand Revenue credit of (\$0), and a Low Voltage TRBAA of (\$35,890,163).**
  - c. The High Voltage Transmission Revenue Requirement associated with New High Voltage Transmission Facilities is \$117,984,690, which is composed of a base High Voltage Transmission Revenue Requirement of \$148,226,675, Standby Transmission Demand Revenue credit of (\$0), and a High Voltage TRBAA of (\$30,241,985).**
  - d. The forecast of Gross Load at the High Voltage/Low Voltage interface is 89,121,865 megawatt-hours.**
- 3. The amounts stated in sections 1. and 2. above shall be effective until changed by the Participating TO or modified by FERC.**
- 4. The Reliability Services Balancing Account shall be equal to \$482,231,669, which includes the forecast of Reliability Services payments PG&E will make to the ISO during 2005 of \$290,093,974, plus an adjustment of \$192,137,695. This amount shall be effective until amended by PG&E in accordance with Appendix V to this Tariff.**

---

<sup>1</sup> Total revenue requirement associated with transmission facilities and entitlements turned over to the operational control of the ISO by the Participating TO, which reflects a reduction or increase for Transmission Revenue Credits.

**Access Charges for Wholesale Transmission**

Per kWh

**High Voltage Access Charge .....See ISO Tariff**  
**Low Voltage Access Charge..... \$0.003185**  
**High Voltage Utility-Specific Access Charge..... \$0.002878**

**High Voltage Wheeling Access Charge**

**High Voltage Wheeling Access Charge.....See ISO Tariff**

**Low Voltage Wheeling Access Charge**

**High Voltage Wheeling Access Charge.....See ISO Tariff**  
**Low Voltage Wheeling Access Charge..... \$0.003185**

APPENDIX III

Access Charges for End-Use Service <sup>1,2</sup>

Table of Contents

RESIDENTIAL SCHEDULES

SCHEDULE E-1  
SCHEDULE E-2  
SCHEDULE E-3  
SCHEDULE EL-1 (LIRA)  
SCHEDULES E-7 AND EL-7  
SCHEDULES E-A7 AND EL-A7  
SCHEDULE E-8  
SCHEDULE EL-8 (LIRA)  
SCHEDULE E-9 A  
SCHEDULE E-9 B  
SCHEDULE E-9 C  
SCHEDULE E-9 D

COMMERCIAL AND INDUSTRIAL SCHEDULES

SCHEDULE A-1  
SCHEDULE A-6  
SCHEDULE A-15  
SCHEDULE TC-1  
SCHEDULE A-10  
SCHEDULE E-19  
SCHEDULE E-20  
SCHEDULE E-25  
SCHEDULE E-36  
SCHEDULE E-37  
SCHEDULE S

AGRICULTURAL SCHEDULES

SCHEDULE AG-1A  
SCHEDULE AG-RA  
SCHEDULE AG-VA  
SCHEDULE AG-4A  
SCHEDULE AG-5A  
SCHEDULE AG-6A  
SCHEDULE AG-7A  
SCHEDULE AG-1B  
SCHEDULE AG-RB  
SCHEDULE AG-VB  
SCHEDULE AG-4B  
SCHEDULE AG-4C  
SCHEDULE AG-5B  
SCHEDULE AG-5C  
SCHEDULE AG-6B  
SCHEDULE AG-7B

STREETLIGHTING SCHEDULES

SCHEDULE LS-1  
SCHEDULE LS-2  
SCHEDULE LS-3  
SCHEDULE OL-1

<sup>1</sup>These charges represent the rates for recovery of the Base Transmission Revenue Requirement. A TRBAA Rate of \$ (0.00018) per KWh shall also apply to all of the rate schedules described in the Appendix. A TACBAA Rate of \$0.00034 kWh shall also be applied to all kWh of Gross Load.

<sup>2</sup>The applicability of these rates is described in the California Public Utilities Commission jurisdictional retail tariffs.

**RESIDENTIAL SCHEDULES**

Where applicable, Summer season rates apply to the period between May 1 and Oct 31, and Winter season rates to the period between November 1 and April 30. "Baseline" residential energy usage quantities vary by season and geographic zone and are used to define differences between "Tier 1" and "Tier 2" energy consumption.

**Schedule E-1**

Minimum Bill (\$/mo)		\$0.40
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00879
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00879

**Schedule E-2**

Minimum Bill (\$/mo)		\$0.40
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00879
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00879

**Schedule EL-1 (LIRA)**

Minimum Bill (\$/mo)		\$0.40
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00879
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00879

**Schedule E-3**

Minimum Bill (\$/mo)		\$0.40
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00879
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00879

**Schedule EL-1 (LIRA)**

Minimum Bill (\$/mo)		\$0.40
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00879
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00879

**Schedules E-7 and EL-7**

TIME PERIODS: On-Peak: 12:00 noon to 6:00 p.m. Monday-Friday; Off-Peak: All other hours

Minimum Bill (\$/mo)		\$0.40
Energy Charges (\$/kWh)	Summer	On-Peak \$0.00879 Off-Peak \$0.00879
	Winter	On-Peak \$0.00879 Off-Peak \$0.00879

**Schedules E-A7 and EL-A7**

TIME PERIODS: On-Peak: 4:00 p.m. to 8:00 p.m. Monday-Friday; Off-Peak: All other hours

Minimum Bill (\$/mo)		\$0.40
Energy Charges (\$/kWh)	Summer	On-Peak \$0.00879 Off-Peak \$0.00879
	Winter	On-Peak \$0.00879 Off-Peak \$0.00879

**Schedule E-8**

Energy Charge (\$/kWh)	Summer	\$0.00879
	Winter	\$0.00879

**Schedule EL-8 (LIRA)**

Energy Charge (\$/kWh)	Summer	\$0.00879
	Winter	\$0.00879

**Schedule E-9 A**

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

Summer (service from May 1 through October 31):

- Peak: 2:00 p.m. to 9:00 p.m. Monday through Friday.
- Partial-Peak: 7:00 a.m. to 2:00 p.m. AND 9:00 p.m. to 12:00 midnight Monday through Friday, plus 5:00 p.m. to 9:00 p.m. Saturday and Sunday.
- Off-Peak: 12:00 midnight to 7:00 a.m. Monday through Friday, and 9:00 p.m. to 5:00 p.m. Saturday and Sunday.

Winter (service from November 1 through April 30):

- Partial-Peak: 7:00 a.m. to 12:00 midnight Monday through Friday, and 5:00 p.m. to 9:00 p.m. Saturday and Sunday.
- Off-Peak: 12:00 midnight to 7:00 a.m. Monday through Friday, and 9:00 p.m. to 5:00 p.m. Saturday and Sunday.

Minimum Bill (\$/mo)			\$0.40
Energy Charges (\$/kWh)	Summer	On-Peak	\$0.00879
		Prt-Peak	\$0.00879
		Off-Peak	\$0.00879
	Winter	Prt-Peak	\$0.00879
		Off-Peak	\$0.00879

**Schedule E-9 B**

Minimum Bill (\$/mo)			\$0.40
Energy Charges (\$/kWh)	Summer	On-Peak	\$0.00879
		Prt-Peak	\$0.00879
		Off-Peak	\$0.00879
	Winter	Prt-Peak	\$0.00879
		Off-Peak	\$0.00879

**Schedule E-9 C**

Minimum Bill (\$/mo)			\$0.40
Energy Charges (\$/kWh)	Summer	On-Peak	
		Prt-Peak	\$0.00879
		Off-Peak	\$0.00879
	Winter	Prt-Peak	\$0.00879
		Off-Peak	\$0.00879

**Schedule E-9 D**

---

Minimum Bill (\$/mo)			\$0.40
Energy Charges (\$/kWh)	Summer	On-Peak	n/a
		Prt-Peak	\$0.00879
		Off-Peak	\$0.00879
	Winter	Prt-Peak	\$0.00879
Off-Peak		\$0.00879	

---

**COMMERCIAL & INDUSTRIAL SCHEDULES**

Times of the year and times of the day are defined as follows (except as otherwise specified for Schedule E-25):

**SUMMER** (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. Monday through Friday; All day Saturday, Sunday, and Holidays

**WINTER** (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; All day Saturday, Sunday, and Holidays

Holidays: "Holidays" for the purposes of these rate schedules 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.

**Schedule A-1**

Energy Charges (\$/kWh)	Summer	\$0.00892
	Winter	\$0.00892

**Schedule A-6**

Energy Charges (\$/kWh)	Summer	On-Peak	\$0.00892
		Prt-Peak	\$0.00892
		Off-Peak	\$0.00892
	Winter	Prt-Peak	\$0.00892
		Off-Peak	\$0.00892

**Schedule A-15**

Energy Charges (\$/kWh)	Summer	\$0.00892
	Winter	\$0.00892

**Schedule TC-1**

Energy Charge (\$/kWh)	Summer	\$0.00892
	Winter	\$0.00892

**Schedule A-10**

**BASIS FOR DEMAND CHARGE:** The customer will be billed for demand according to the customer's "maximum demand" each month. The number of kW used will be recorded over 15-minute intervals; the highest 15-minute average in the month will be the customer's maximum demand. **SPECIAL CASES:** (1) If the customer's use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. (2) If the customer intermittent or subject to violent fluctuations, a 5-minute interval may be used. (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.

**Maximum Demand Charge (\$/kW/mo)**

Transmission	Summer	\$2.63
	Winter	\$2.63
Primary	Summer	\$2.63
	Winter	\$2.63
Secondary	Summer	\$2.63
	Winter	\$2.63

---

**Schedule E-19**

**BASIS FOR DEMAND CHARGE:** 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 violent fluctuations, a 5-minute interval may be used instead of the 15-minute interval. 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.

- 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 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.
- The monthly charges may be increased or decreased based upon the power factor.

**DEFINITION OF SERVICE VOLTAGE:**

The following defines the three voltage classes of Schedule E-19 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 from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.

**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. **NOTE:** If the meter is read within one work day of the season changeover date (May 1 or November 1), PG&E will use only the rates and charges from the season having the greater number of days in the billing month. Work days are Monday through Friday, inclusive.

POWER FACTOR ADJUSTMENTS: When the customer's maximum demand has exceeded 400 kW for three consecutive months and thereafter until the demand has fallen below 300 kW for 12 consecutive months, the bill will be adjusted based upon the power factor. The power factor is computed from 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.

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 (excluding any taxes) will be reduced by 0.06 percent for each percentage point above 85 percent. If the average power factor is below 85 percent, the total monthly bill (excluding any taxes) will be increased by 0.06 percent for each percentage point below 85 percent.

**Schedule E-19 T Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.63
Winter	Maximum	\$2.63

**Schedule E-19 P Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.63
Winter	Maximum	\$2.63

**Schedule E-19 S Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.63
Winter	Maximum	\$2.63

---

**Schedule E-20**

BASIS FOR DEMAND CHARGE: 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 violent fluctuations, a 5-minute interval may be used instead of the 15-minute interval.

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.

- 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 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.
- The monthly charges may be increased or decreased based upon the power factor, using the same method as described above for Schedule E-19.

**Schedule E-20 T Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.82
Winter	Maximum	\$2.82

**Schedule E-20 P Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.82
Winter	Maximum	\$2.82

**Schedule E-20 S Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.82
Winter	Maximum	\$2.82

**Schedule E-25**

TIME PERIODS -- Seasons of the year and times of the day are defined as follows:

**SUMMER:** Service from May 1 through October 31.  
**\*Peak:**  
 Group I 12:00 noon to 4:00 p.m. Monday through Friday, except holidays  
 Group II 1:00 p.m. to 5:00 p.m. Monday through Friday, except holidays  
 Group III 2:00 p.m. to 6:00 p.m. Monday through Friday, except holidays  
  
**Partial-Peak:**  
 Group I 8:30 a.m. to 12:00 noon and 4:00 p.m. to 9:30 p.m. Monday through Friday  
 Group II 8:30 a.m. to 1:00 p.m. and 5:00 p.m. to 9:30 p.m. Monday through Friday  
 Group III 8:30 a.m. to 2:00 p.m. and 6:00 p.m. to 9:30 p.m. Monday through Friday  
  
**Off-Peak:** All other hours  
  
**WINTER:** Service from November 1 through April 30.  
**Partial-Peak:** 8:30 a.m. to 9:30 p.m. Monday through Friday  
**Off-Peak:** All other hours

**Schedule E-25 T Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.63
Winter	Maximum	\$2.63

**Schedule E-25 P Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.63
Winter	Maximum	\$2.63

**Schedule E-25 S Demand Charges (\$/kW/mo)**

Summer	Maximum	\$2.63
Winter	Maximum	\$2.63

**Schedule E-36**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule E-37**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

Transmission Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

**Schedule S**

**RESERVATION CAPACITY:** The Reservation Capacity to be used for billing under the above rates shall be as set forth in the customer's contract for service. For new or revised contracts, the Reservation Capacity shall be determined by the customer. However, if the customer's standby demand exceeds this new contracted capacity in any billing month, that standby demand shall become the new Reservation or Contract Capacity for 36 months, beginning with that month. See Special Condition 8 for the definition of Reservation Capacity for Supplemental Standby Service customers.

The **Reservation Charge**, in dollars per kilowatt (kW), applies to 85 percent of the customer's Reservation Capacity, as defined in Special Condition 1 of the tariffs.

The **Standby Reservation Charges** for customers who have paid for the total cost of the service transformers as special facilities under electric Rule 2 are determined by the voltage at the high side of the service transformer. All other charges will be billed on the voltage level at the low side of the service transformer.

**Schedule S- Transmission**

Energy Charges (\$/kWh)

Summer	On-Peak	\$0.01149
	Prt-Peak	\$0.01149
	Off-Peak	\$0.01149
Winter	Prt-Peak	\$0.01149
	Off-Peak	\$0.01149

Reservation Charge (\$/kW/mo)

All Year	\$0.32
----------	--------

**Schedule S - Primary**

Energy Charges (\$/kWh)

Summer	On-Peak	\$0.01149
	Prt-Peak	\$0.01149
	Off-Peak	\$0.01149
Winter	Prt-Peak	\$0.01149
	Off-Peak	\$0.01149

Reservation Charge (\$/kW/mo)

All Year	\$0.32
----------	--------

**Schedule S - Secondary**

Summer	On-Peak	\$0.01149
	Prt-Peak	\$0.01149
	Off-Peak	\$0.01149
Winter	Prt-Peak	\$0.01149
	Off-Peak	\$0.01149

Reservation Charge (\$/kW/mo)

All Year	\$0.32
----------	--------

**AGRICULTURAL SCHEDULES**

Summer season rates apply to the period between May 1 and Oct 31, and Winter season rates to the period between November 1 and April 30. Service voltage definitions are as described in Rule 2 and summarized in the Commercial and Industrial Rate Schedules section of this Appendix. The CPUC-jurisdictional retail tariffs should be referred to for detailed descriptions of how agricultural demand charges are assessed and definitions of the various applicable agricultural time-of-use rate periods.

**"A"- Series Agricultural Schedules**

**Schedule AG-1A**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule AG-RA**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule AG-VA**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule AG-4A**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule AG-5A**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule AG-6A**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

**Schedule AG-7A**

Energy Charges (\$/kWh)	Summer	\$0.00579
	Winter	\$0.00579

---

**"B" and "C"- Series Schedules**

---

**Schedule AG-1B**

Energy Charges (\$/kWh)		
Secondary Voltage	Summer	\$0.00579
	Winter	\$0.00579
Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-RB**

Energy Charges (\$/kWh)		
Secondary Voltage	Summer	\$0.00579
	Winter	\$0.00579
Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-VB**

Energy Charges (\$/kWh)		
Secondary Voltage	Summer	\$0.00579
	Winter	\$0.00579
Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-4B**

Energy Charges (\$/kWh)		
Secondary Voltage	Summer	\$0.00579
	Winter	\$0.00579
Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-7B**

Energy Charges (\$/kWh)		
Secondary Voltage	Summer	\$0.00579
	Winter	\$0.00579
Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**STREETLIGHTING SCHEDULES**

---

**Schedule LS-1**

Energy Charge (\$/kWh)	All Year	\$0.00468
------------------------	----------	-----------

**Schedule LS-2**

Energy Charge (\$/kWh)	All Year	\$0.00468
------------------------	----------	-----------

**Schedule LS-3**

Energy Charge (\$/kWh)	All Year	\$0.00468
------------------------	----------	-----------

**Schedule OL-1**

Energy Charge (\$/kWh)	All Year	\$0.00468
------------------------	----------	-----------

---

**PACIFIC GAS AND ELECTRIC COMPANY**

**TRANSMISSION OWNER TARIFF**

**TO8**

**Redline Version**

The TACBAA shall be revised effective April 1 of each year; however, nothing in this TO Tariff shall limit the Participating TO from filing with the FERC under FPA Section 205 to revise the TACBAA rate at any other time.

**5.8 End-Use Customer Refund Adjustment ("ECRA").** For refunds due End-Use Customers for transmission service rendered on or after the effective date of new or revised retail rates authorized by the CPUC which modify the retail rates charged during the transition period established pursuant to Section 368 of the California Public Utilities Code, the Access Charge bills of End-Use Customers of the Participating TO shall include an ECRA for the twelve-month period beginning on the January 1 following the first date such a refund is due to End-Use Customers as ordered by the Commission. For TO Tariff rates effective in 2007, the ECRA will also include an adjustment for revenues received by the Participating TO from Standby Service Customers, plus interest, following the effective date of the rates requested by the Participating TO in its August 1, 2005 rate filing through September 30, 2006. For TO Tariff rates effective in 2008 and annually thereafter, the ECRA will also include an adjustment for the Standby Demand revenues received by the Participating TO, plus interest, from October 1 of the two year's prior through September 30 of the prior year. The Participating TO reserves the right to implement the ECRA sooner than the next January 1. When applicable, this ECRA will appear as a rate component of the End-Use Customer Access Charges for End-User Service in Appendix III. ECRA shall be a credit equal to the refund amount due to End-Use customers, including interest. Interest shall be paid for both the period prior to the refund obligation and for the period over which the refund is made, calculated for the period over which the refund is made with the refund amount amortized over that period.

---

The interest rate will be calculated pursuant to 18 C.F.R. § 35.19a(a)(2)(iii) and will be the rate under that section at the time the Participating TO files its refund compliance report. The Participating TO shall file a revised Appendix III (i) as part of its compliance report when the ECRA becomes effective and (ii) at the end of the refund period associated with the ECRA.

**6. Ancillary Services - Applicability and Charges.** Ancillary Services are needed to maintain reliability within the ISO Controlled Grid. Ancillary Services may be provided to the ISO and PX. The prices for Ancillary Services shall be determined in accordance with the ISO Tariff. Participating TO rates or bidding rules for Ancillary Services are set forth in Appendix IV of this TO Tariff.

**7. Billing and Payment.**

**7.1 End-Users.** Billing and payment rules applicable to End-Users shall be pursuant to the then-current rules of the applicable Local Regulatory Authority.

**7.2 Low Voltage Access Charge Revenues**

**7.2.1 Billing Procedure.** The Participating TO shall have access to metering data and shall have reasonable physical access to customer facilities to install any recording devices or telemetering equipment it may require to obtain data needed under this TO Tariff. The UDC, MSS or Scheduling Coordinator shall grant the Participating TO such access to facilities as may be required for proper operation and maintenance of all revenue metering equipment. Within a reasonable time after the Participating TO has collected the metering data for a month in which the Low Voltage Access Charge applies, the Participating TO shall submit an invoice to the applicable UDC, MSS or Scheduling Coordinator for the Low Voltage Access Charges applicable to services furnished during that month. The invoice shall be paid by the UDC, MSS, or Scheduling

---

**APPENDIX I**  
**Transmission and Reliability Services Revenue Requirements <sup>1</sup>**

1. The Transmission Revenue Requirement for purposes of calculating End-User transmission rates shall be ~~\$639,199,907, 504,813,629~~, which is composed of the Base Transmission Revenue Requirement of ~~\$653,786,278 549,400,000~~ and the TRBAA of (\$14,586,371).
2. For purposes of the ISO's calculation of Access Charges under Section 7.1 of the ISO Tariff:
  - a. The High Voltage Transmission Revenue Requirement shall be ~~\$256,465,561, 160,660,688~~, which is composed of a base High Voltage Transmission Revenue Requirement of ~~\$322,354,204, 227,384,609~~, Standby Transmission Demand Revenue credit of (~~\$01,083,314~~), and a High Voltage TRBAA of (~~\$65,888,643, 65,640,607~~).
  - b. The Low Voltage Transmission Revenue Requirement shall be ~~\$283,856,828, 242,776,405~~, which is composed of a base Low Voltage Transmission Revenue Requirement of ~~\$319,746,991, 280,015,391~~, Standby Transmission Demand Revenue credit of (~~\$01,100,787~~), and a Low Voltage TRBAA of (~~\$35,890,163, 36,138,199~~).
  - c. The High Voltage Transmission Revenue Requirement associated with New High Voltage Transmission Facilities is ~~\$117,984,690, 38,762,806~~, which is composed of a base High Voltage Transmission Revenue Requirement of ~~\$148,226,675, 55,028,123~~, Standby Transmission Demand Revenue credit of (~~\$0380,290~~), and a High Voltage TRBAA of (~~\$30,241,985, 15,885,027~~).
  - d. The forecast of Gross Load at the High Voltage/Low Voltage interface is ~~83,389,232 89,121,865~~ megawatt-hours.
3. The amounts stated in sections 1. and 2. above shall be effective until changed by the Participating TO or modified by FERC.
4. The Reliability Services Balancing Account shall be equal to \$482,231,669, which includes the forecast of Reliability Services payments PG&E will make to the ISO during 2005 of \$290,093,974, plus an adjustment of \$192,137,695. This amount shall be effective until amended by PG&E in accordance with Appendix V to this Tariff.

---

<sup>1</sup> Total revenue requirement associated with transmission facilities and entitlements turned over to the operational control of the ISO by the Participating TO, which reflects a reduction or increase for Transmission Revenue Credits.

---

**APPENDIX II**

**Access Charges for Wholesale Transmission**

Per kWh

High Voltage Access Charge .....	See ISO Tariff
Low Voltage Access Charge.....	\$0. <u>003185</u> 0029144
High Voltage Utility-Specific Access Charge.....	\$0. <u>002878</u> 0019266

High Voltage Wheeling Access Charge

High Voltage Wheeling Access Charge.....	See ISO Tariff
--	----------------

Low Voltage Wheeling Access Charge

High Voltage Wheeling Access Charge.....	See ISO Tariff
Low Voltage Wheeling Access Charge.....	\$0. <u>003185</u> 0029144

APPENDIX III

Access Charges for End-Use Service<sup>1,2</sup>

Table of Contents

RESIDENTIAL SCHEDULES

SCHEDULE E-1  
SCHEDULE E-2  
SCHEDULE E-3  
SCHEDULE EL-1 (LIRA)  
SCHEDULES E-7 AND EL-7  
SCHEDULES E-A7 AND EL-A7  
SCHEDULE E-8  
SCHEDULE EL-8 (LIRA)  
SCHEDULE E-9 A  
SCHEDULE E-9 B  
SCHEDULE E-9 C  
SCHEDULE E-9 D

COMMERCIAL AND INDUSTRIAL SCHEDULES

SCHEDULE A-1  
SCHEDULE A-6  
SCHEDULE A-15  
SCHEDULE TC-1  
SCHEDULE A-10  
SCHEDULE E-19  
SCHEDULE E-20  
SCHEDULE E-25  
SCHEDULE E-36  
SCHEDULE E-37  
SCHEDULE S

AGRICULTURAL SCHEDULES

SCHEDULE AG-1A  
SCHEDULE AG-RA  
SCHEDULE AG-VA  
SCHEDULE AG-4A  
SCHEDULE AG-5A  
SCHEDULE AG-6A  
SCHEDULE AG-7A  
SCHEDULE AG-1B  
SCHEDULE AG-RB  
SCHEDULE AG-VB  
SCHEDULE AG-4B  
SCHEDULE AG-4C  
SCHEDULE AG-5B  
SCHEDULE AG-5C  
SCHEDULE AG-6B  
SCHEDULE AG-7B

STREETLIGHTING SCHEDULES

SCHEDULE LS-1  
SCHEDULE LS-2  
SCHEDULE LS-3  
SCHEDULE OL-1

<sup>1</sup>These charges represent the rates for recovery of the Base Transmission Revenue Requirement. A TRBAA Rate of \$ (0.00018) per kWh shall also apply to all of the rate schedules described in the Appendix. A TACBAA Rate of \$0.00034 kWh shall also be applied to all kWh of Gross Load.

<sup>2</sup>The applicability of these rates is described in the California Public Utilities Commission jurisdictional retail tariffs.

**RESIDENTIAL SCHEDULES**

Where applicable, Summer season rates apply to the period between May 1 and Oct 31, and Winter season rates to the period between November 1 and April 30. "Baseline" residential energy usage quantities vary by season and geographic zone and are used to define differences between "Tier 1" and "Tier 2" energy consumption.

**Schedule E-1**

Minimum Bill (\$/mo)		\$0.32
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00705
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00705

**Schedule E-2**

Minimum Bill (\$/mo)		\$0.32
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00705
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00705

**Schedule EL-1 (LIRA)**

Minimum Bill (\$/mo)		\$0.32
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00705
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00705

**Schedule E-3**

Minimum Bill (\$/mo)		\$0.32
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00705
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00705

**Schedule EL-1 (LIRA)**

Minimum Bill (\$/mo)		\$0.32
Tier 1 Energy Charge (\$/kWh)	All Year	\$0.00705
Tier 2 Energy Charge (\$/kWh)	All Year	\$0.00705

**Schedules E-7 and EL-7**

TIME PERIODS: On-Peak: 12:00 noon to 6:00 p.m. Monday-Friday; Off-Peak: All other hours

Minimum Bill (\$/mo)		\$0.32
Energy Charges (\$/kWh)		
	—Summer	On-Peak \$0.00705
		Off-Peak \$0.00705
	—Winter	On-Peak \$0.00705
		Off-Peak \$0.00705

---

**Schedules E-A7 and EL-A7**

TIME PERIODS: On-Peak: 4:00 p.m. to 8:00 p.m. Monday-Friday; Off-Peak: All other hours

Minimum Bill (\$/mo)			\$0.32
Energy Charges (\$/kWh)	—Summer	On-Peak	\$0.00705
		Off-Peak	\$0.00705
	—Winter	On-Peak	\$0.00705
		Off-Peak	\$0.00705

---

**Schedule E-8**

Energy Charge (\$/kWh)	Summer	\$0.00705
	Winter	\$0.00705

---

**Schedule EL-8 (LIRA)**

Energy Charge (\$/kWh)	Summer	\$0.00705
	Winter	\$0.00705

---

**Schedule E-9 A**

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

Summer (service from May 1 through October 31):-

- Peak: 2:00 p.m. to 9:00 p.m. Monday through Friday.
- Partial-Peak: 7:00 a.m. to 2:00 p.m. AND 9:00 p.m. to 12:00 midnight Monday through Friday, plus 5:00 p.m. to 9:00 p.m. Saturday and Sunday.
- Off-Peak: 12:00 midnight to 7:00 a.m. Monday through Friday, and 9:00 p.m. to 5:00 p.m. Saturday and Sunday.

Winter (service from November 1 through April 30):

- Partial-Peak: 7:00 a.m. to 12:00 midnight Monday through Friday, and 5:00 p.m. to 9:00 p.m. Saturday and Sunday.
- Off-Peak: 12:00 midnight to 7:00 a.m. Monday through Friday, and 9:00 p.m. to 5:00 p.m. Saturday and Sunday.

Minimum Bill (\$/mo)			\$0.32
Energy Charges (\$/kWh)	—Summer	On-Peak	\$0.00705
		Prt-Peak	\$0.00705
		Off-Peak	\$0.00705
	—Winter	Prt-Peak	\$0.00705
		Off-Peak	\$0.00705

---

**Schedule E-9 B**

Minimum Bill (\$/mo)			\$0.32
Energy Charges (\$/kWh)	—Summer	On-Peak	\$0.00705
		Prt-Peak	\$0.00705
		Off-Peak	\$0.00705
	—Winter	Prt-Peak	\$0.00705
		Off-Peak	\$0.00705

---

**Schedule E-9-C**

Minimum Bill (\$/mo)			\$0.32
Energy Charges (\$/kWh)	—Summer	On-Peak	
		Prt-Peak	\$0.00705
		Off-Peak	\$0.00705
	—Winter	Prt-Peak	\$0.00705
Off-Peak		\$0.00705	

---

**Schedule E-9-D**

Minimum Bill (\$/mo)			\$0.32
Energy Charges (\$/kWh)	—Summer	On-Peak	n/a
		Prt-Peak	\$0.00705
		Off-Peak	\$0.00705
	—Winter	Prt-Peak	\$0.00705
		Off-Peak	\$0.00705

---

**COMMERCIAL & INDUSTRIAL SCHEDULES**

Times of the year and times of the day are defined as follows (except as otherwise specified for Schedule E-25):

SUMMER (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., Monday through Friday; All day Saturday, Sunday, and Holidays

WINTER (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; All day Saturday, Sunday, and Holidays

Holidays: "Holidays" for the purposes of these rate schedules 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.

---

**Schedule A-1**

Energy Charges (\$/kWh)

Summer	\$0.00720
Winter	\$0.00720

---

**Schedule A-6**

Energy Charges (\$/kWh)

—Summer	On Peak	\$0.00720
	Prt Peak	\$0.00720
	Off Peak	\$0.00720
—Winter	Prt Peak	\$0.00720
	Off Peak	\$0.00720

---

**Schedule A-15**

Energy Charges (\$/kWh)

Summer	\$0.00720
Winter	\$0.00720

---

**Schedule TC-1**

Energy Charge (\$/kWh)

Summer	\$0.00720
Winter	\$0.00720

---

**Schedule A-10**

~~BASIS FOR DEMAND CHARGE: The customer will be billed for demand according to the customer's "maximum demand" each month. The number of kW used will be recorded over 15 minute intervals; the highest 15 minute average in the month will be the customer's maximum demand. SPECIAL CASES:~~

~~(1) If the customer's maximum demand has exceeded 400 kW for three consecutive months, 30 minute intervals will be used for averaging. The customer will be returned to 15 minute intervals when its maximum demand has dropped below 300 kW and remains there for 12 consecutive months. (2) If the customer's use of energy is intermittent or subject to violent fluctuations, a 5 minute or 15 minute interval may be used. (3) 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.~~

~~Maximum Demand Charge (\$/kW/mo)~~

<del>—Transmission</del>	<del>Summer</del>	<del>\$2.32</del>
	<del>Winter</del>	<del>\$2.32</del>
<del>—Primary</del>	<del>Summer</del>	<del>\$2.32</del>
	<del>Winter</del>	<del>\$2.32</del>
<del>—Secondary</del>	<del>Summer</del>	<del>\$2.32</del>
	<del>Winter</del>	<del>\$2.32</del>

---

## Schedule E-19

~~BASIS FOR DEMAND CHARGE: Demand will be averaged over 30-minute intervals for customers whose maximum demand exceeds 400 kW. "Maximum demand" will be the highest of all the 30-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to violent fluctuations, a 5-minute or 15-minute interval may be used instead of the 30-minute interval. 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 30-minute intervals. The customer's maximum peak-period demand will be the highest of all the 30-minute averages for the peak period during the billing month.~~

- ~~- 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 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.~~
- ~~- The monthly charges may be increased or decreased based upon the power factor.~~

### ~~DEFINITION OF SERVICE VOLTAGE:~~

~~The following defines the three voltage classes of Schedule E-19 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 from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.~~

~~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. NOTE: If the meter is read within one work day of the season changeover date (May 1 or November 1), PG&E will use only the rates and charges from the season having the greater number of days in the billing month. Work days are Monday through Friday, inclusive.~~

**POWER FACTOR ADJUSTMENTS:** When the customer's maximum demand has exceeded 400 kW for three consecutive months and thereafter until the demand has fallen below 300 kW for 12 consecutive months, the bill will be adjusted based upon the power factor. The power factor is computed from 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.

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 (excluding any taxes) will be reduced by 0.06 percent for each percentage point above 85 percent. If the average power factor is below 85 percent, the total monthly bill (excluding any taxes) will be increased by 0.06 percent for each percentage point below 85 percent.

**Schedule E-19 T Demand Charges (\$/kW/mo)**

—Summer	Maximum	\$2.32
—Winter	Maximum	\$2.32

**Schedule E-19 P Demand Charges (\$/kW/mo)**

—Summer	Maximum	\$2.32
—Winter	Maximum	\$2.32

**Schedule E-19 S Demand Charges (\$/kW/mo)**

—Summer	Maximum	\$2.32
—Winter	Maximum	\$2.32

**Schedule E-20**

**BASIS FOR DEMAND CHARGE:** Demand will be averaged over 30-minute intervals. "Maximum demand" will be the highest of all the 30-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to violent fluctuations, a 5-minute or 15-minute interval may be used instead of the 30-minute interval. 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 30-minute intervals. The customer's maximum peak-period demand will be the highest of all the 30-minute averages for the peak period during the billing month.

- 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 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.
- The monthly charges may be increased or decreased based upon the power factor, using the same method as described above for Schedule E-10.

**Schedule E-20 T Demand Charges (\$/kW/mo)**

—Summer	Maximum	\$2.44
	Winter	\$2.44

**Schedule E-20 P Demand Charges (\$/kW/mo)**

—Summer	Maximum	\$2.44
	Winter	\$2.44

**Schedule E-20 S Demand Charges (\$/kW/mo)**

—Summer	Maximum	\$2.44
	Winter	\$2.44

**Schedule E-25**

TIME PERIODS—Seasons of the year and times of the day are defined as follows:

**SUMMER:**— Service from May 1 through October 31.

**\*Peak:**

Group I 12:00 noon to 4:00 p.m., Monday through Friday, except holidays

Group II 1:00 p.m. to 5:00 p.m., Monday through Friday, except holidays

Group III 2:00 p.m. to 6:00 p.m., Monday through Friday, except holidays

**Partial-Peak:**

Group I 8:30 a.m. to 12:00 noon and 4:00 p.m. to 9:30 p.m., Monday through Friday

Group II 8:30 a.m. to 1:00 p.m. and 5:00 p.m. to 9:30 p.m., Monday through Friday

Group III 8:30 a.m. to 2:00 p.m. and 6:00 p.m. to 9:30 p.m., Monday through Friday

**Off-Peak:** All other hours

**WINTER:** Service from November 1 through April 30.

**Partial-Peak:** 8:30 a.m. to 9:30 p.m., Monday through Friday

**Off-Peak:** All other hours

**Schedule E-25 T Demand Charges (\$/kW/mo)**

—Summer Maximum \$2.32

—Winter Maximum \$2.32

**Schedule E-25 P Demand Charges (\$/kW/mo)**

—Summer Maximum \$2.32

—Winter Maximum \$2.32

**Schedule E-25 S Demand Charges (\$/kW/mo)**

—Summer Maximum \$2.32

—Winter Maximum \$2.32

**Schedule E-36**

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

**Schedule E-37**

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

—Transmission Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

**Schedule S**

**RESERVATION CAPACITY:** The Reservation Capacity to be used for billing under the above rates shall be as set forth in the customer's contract for service. For new or revised contracts, the Reservation Capacity shall be determined by the customer. However, if the customer's standby demand exceeds this new contracted capacity in any billing month, that standby demand shall become the new Reservation or Contract Capacity for 36 months, beginning with that month. See Special Condition 8 for the definition of Reservation Capacity for Supplemental Standby Service customers.

The **Reservation Charge**, in dollars per kilowatt (kW), applies to 85 percent of the customer's Reservation Capacity, as defined in Special Condition 1 of the tariffs.

The **Standby Reservation Charges** for customers who have paid for the total cost of the service transformers as special facilities under electric Rule 2 are determined by the voltage at the high side of the service transformer. All other charges will be billed on the voltage level at the low side of the service transformer.

**Schedule S—Transmission****Energy Charges (\$/kWh)**

—Summer	On-Peak	\$0.04033
	Prt-Peak	\$0.04033
	Off-Peak	\$0.04033
—Winter	Prt-Peak	\$0.04033
	Off-Peak	\$0.04033

**Reservation Charge (\$/kW/mo)**

All-Year	\$0.33
----------	--------

**Schedule S—Primary****Energy Charges (\$/kWh)**

—Summer	On-Peak	\$0.04033
	Prt-Peak	\$0.04033
	Off-Peak	\$0.04033
—Winter	Prt-Peak	\$0.04033
	Off-Peak	\$0.04033

**Reservation Charge (\$/kW/mo)**

All-Year	\$0.33
----------	--------

**Schedule S—Secondary**

—Summer	On-Peak	\$0.04033
	Prt-Peak	\$0.04033
	Off-Peak	\$0.04033
—Winter	Prt-Peak	\$0.04033
	Off-Peak	\$0.04033

**Reservation Charge (\$/kW/mo)**

All-Year	\$0.33
----------	--------

## AGRICULTURAL SCHEDULES

Summer season rates apply to the period between May 1 and Oct 31, and Winter season rates to the period between November 1 and April 30. Service voltage definitions are as described in Rule 2 and summarized in the Commercial and Industrial Rate Schedules section of this Appendix. The CPUC-jurisdictional retail tariffs should be referred to for detailed descriptions of how agricultural demand charges are assessed and definitions of the various applicable agricultural time-of-use rate periods.

### "A" Series Agricultural Schedules

---

#### Schedule AG-1A

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

#### Schedule AG-RA

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

#### Schedule AG-VA

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

#### Schedule AG-4A

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

#### Schedule AG-5A

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

#### Schedule AG-6A

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

#### Schedule AG-7A

Energy Charges (\$/kWh)	Summer	\$0.00519
	Winter	\$0.00519

---

**"B" and "C" Series Schedules**

---

**Schedule AG-1B**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-RB**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-VB**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-4B**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-4C**

Energy Charges (\$/kWh)		
	Summer	\$0.00519
	Winter	\$0.00519

**Schedule AG-5B**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000
—Transmission Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-5C**

Energy Charges (\$/kWh)		
	Summer	\$0.00519
	Winter	\$0.00519

---

**Schedule AG-6B**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**Schedule AG-7B**

Energy Charges (\$/kWh)		
—Secondary Voltage	Summer	\$0.00519
	Winter	\$0.00519
—Primary Voltage Discount	Summer	\$0.00000
	Winter	\$0.00000

---

**STREETLIGHTING SCHEDULES**

---

**Schedule LS-1**

Energy Charge (\$/kWh) All Year \$0.00286

---

**Schedule LS-2**

Energy Charge (\$/kWh) All Year \$0.00286

---

**Schedule LS-3**

Energy Charge (\$/kWh) All Year \$0.00286

---

**Schedule OL-1**

Energy Charge (\$/kWh) All Year \$0.00286

---

**PG&E Gas and Electric Advice  
Filing List  
General Order 96-A, Section III(G)**

ABAG Power Pool  
Accent Energy  
Aglet Consumer Alliance  
Agnews Developmental Center  
Ahmed, Ali  
Alcantar & Elsesser  
Anderson Donovan & Poole P.C.  
Applied Power Technologies  
APS Energy Services Co Inc  
Arter & Hadden LLP  
Avista Corp  
Barkovich & Yap, Inc.  
BART  
Bartle Wells Associates  
Blue Ridge Gas  
Bohannon Development Co  
BP Energy Company  
Braun & Associates  
C & H Sugar Co.  
CA Bldg Industry Association  
CA Cotton Ginners & Growers Assoc.  
CA League of Food Processors  
CA Water Service Group  
California Energy Commission  
California Farm Bureau Federation  
California Gas Acquisition Svcs  
California ISO  
Calpine  
Calpine Corp  
Calpine Gilroy Cogen  
Cambridge Energy Research Assoc  
Cameron McKenna  
Cardinal Cogen  
Cellnet Data Systems  
Chevron USA Production Co.  
Childress, David A.  
City of Glendale  
City of Healdsburg  
City of Palo Alto  
City of Redding  
CLECA Law Office  
Constellation New Energy  
Cooperative Community Energy  
CPUC  
Creative Technology  
Cross Border Inc  
Crossborder Inc  
CSC Energy Services  
Davis, Wright Tremaine LLP  
Davis, Wright, Tremaine, LLP  
Defense Fuel Support Center  
Department of the Army  
Department of Water & Power City

DGS Natural Gas Services  
DMM Customer Services  
Douglass & Liddell  
Downey, Brand, Seymour & Rohwer  
Duke Energy  
Duke Energy North America  
Duncan, Virgil E.  
Dutcher, John  
Dynergy Inc.  
Ellison Schneider  
Energy Law Group LLP  
Energy Management Services, LLC  
Enron Energy Services  
Exelon Energy Ohio, Inc  
Exater Associates  
Foster Farms  
Foster, Wheeler, Martinez  
Franciscan Mobilehome  
Future Resources Associates, Inc  
G. A. Krause & Assoc  
Gas Transmission Northwest Corporation  
GLJ Energy Publications  
Goodin, MacBride, Squeri, Schlotz &  
Hanna & Morton  
Heeg, Peggy A.  
Hitachi Global Storage Technologies  
Hogan Manufacturing, Inc  
House, Lon  
Imperial Irrigation District  
Integrated Utility Consulting Group  
International Power Technology  
Interstate Gas Services, Inc.  
J. R. Wood, Inc  
JTM, Inc  
Kaiser Cement Corp  
Korea Elec Power Corp  
Luce, Forward, Hamilton & Scripps  
Marcus, David  
Masonite Corporation  
Matthew V. Brady & Associates  
Maynor, Donald H.  
McKenzie & Assoc  
McKenzie & Associates  
Meek, Daniel W.  
Mirant California, LLC  
Modesto Irrigation Dist  
Morrison & Foerster  
Morse Richard Weisenmiller & Assoc.  
Navigant Consulting  
New United Motor Mfg, Inc  
Norris & Wong Associates  
North Coast Solar Resources  
Northern California Power Agency

Office of Energy Assessments  
Palo Alto Muni Utilities  
PG&E National Energy Group  
Pinnacle CNG Company  
PITCO  
Plurimi, Inc.  
PPL EnergyPlus, LLC  
Praxair, Inc.  
Price, Roy  
Product Development Dept  
R. M. Hairston & Company  
R. W. Beck & Associates  
Recon Research  
Regional Cogeneration Service  
RMC Lonestar  
Sacramento Municipal Utility District  
SCD Energy Solutions  
Seattle City Light  
Sempra  
Sempra Energy  
Sequoia Union HS Dist  
SESCO  
Sierra Pacific Power Company  
Silicon Valley Power  
Simpson Paper Company  
Smurfit Stone Container Corp  
Southern California Edison  
SPURR  
St. Paul Assoc  
Stanford University  
Sutherland, Asbill & Brennan  
Tabors Caramanis & Associates  
Tansev and Associates  
Tecogen, Inc  
TFS Energy  
Transwestern Pipeline Co  
Turlock Irrigation District  
U S Borax, Inc  
United Cogen Inc.  
URM Groups  
Utility Cost Management LLC  
Utility Resource Network  
Wellhead Electric Company  
Western Hub Properties, LLC  
White & Case  
WMA