

**MEDIUM COMMERCIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-4

**A. APPLICABILITY:**

This schedule applies to demand metered secondary electric service for customers with a maximum demand below 1,000 kilowatts. This schedule applies to three-phase electric service and may include service to master-metered multi-family facilities or other facilities requiring demand-metered services, as determined by the City.

**B. TERRITORY:**

This rate schedule applies anywhere the City of Palo Alto provides electric service.

**C. UNBUNDLED RATES:**

**Rates per kilowatt (kW) and kilowatt-hour (kWh):**

	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
<u>Summer Period</u>				
Demand Charge (per kW)	\$5.31	\$15.23		\$20.54
Energy Charge (per kWh)	0.06083	0.01767	0.00321	0.08171
<u>Winter Period</u>				
Demand Charge (per kW)	\$4.80	\$9.04		\$13.84
Energy Charge (per kWh)	0.05281	0.01716	0.00321	0.07318

**D. SPECIAL NOTES:**

**1. Calculation of Cost Components**

The actual bill amount is calculated based on the applicable rates in Section C above and adjusted for any applicable discounts, surcharges and/or taxes. On a customer's bill statement, the bill amount may be broken down into appropriate components as calculated under Section C.



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#### 2. Seasonal Rate Changes

The Summer Period is effective May 1 to October 31 and the Winter Period is effective from November 1 to April 30. When the billing period includes use both in the Summer and the Winter Periods, the usage will be prorated based on the number of days in each seasonal period, and the charges based on the applicable rates therein. For further discussion of bill calculation and proration, refer to Rule and Regulation 11.

#### 3. Maximum Demand Meter

Whenever the monthly use of energy has exceeded 8,000 kWh for three consecutive months, a maximum demand meter will be installed as promptly as is practicable and thereafter continued in service until the monthly use of energy has fallen below 6,000 kWh for twelve consecutive months, whereupon, at the option of the City, it may be removed.

The maximum demand in any month will be the maximum average power in kilowatts taken during any 15-minute interval in the month, provided that in case the load is intermittent or subject to violent fluctuations, the City may use a 5-minute interval. A thermal-type demand meter which does not reset after a definite time interval may be used at the City's option.

The billing demand to be used in computing charges under this schedule will be the actual maximum demand in kilowatts for the current month. An exception is that the billing demand for customers with Thermal Energy Storage (TES) will be based upon the actual maximum demand of such customers between the hours of noon and 6 pm on weekdays.

#### 4. Power Factor

For new or existing customers whose demand is expected to exceed or has exceeded 300 kilowatts for three consecutive months, the City has the option of installing applicable metering to calculate a power factor. The City may remove such metering from the service of a customer whose demand has been below 200 kilowatts for four consecutive months.

When such metering is installed, the monthly electric bill will include a "power factor penalty", if applicable. The penalty adjustment will be applied to a customer's bill prior to the computation of any primary voltage discount. The power factor penalty is applied by increasing the total energy and demand charges for any month by 0.25 percent (0.25%) for each one percent (1%) that the monthly power factor of the customer's load was less than 95%.

The monthly power factor is the average power factor based on the ratio of kilowatt hours to



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kilovolt-ampere hours consumed during the month. Where time-of-day metering is installed, the monthly power factor shall be the power factor coincident with the customer's maximum demand.

#### **5. Changing Rate Schedules**

Customers may request a rate schedule change at any time to any City of Palo Alto full-service rate schedule as is applicable to their kilowatt-demand and kilowatt-hour usage profile.

#### **6. Primary Voltage Discount**

Where delivery is made at the same voltage as that of the line from which the service is supplied, a discount of 2 1/2 percent for available line voltages above 2 kilovolts will be allowed provided the City is not required to supply service at a particular line voltage where it has, or will install, ample facilities for supplying at another voltage equally or better suited to the customer's electrical requirements. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any customer receiving a discount hereunder and affected by such change. The customer then has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City subject to a maximum kilovolt-ampere size limitation.

*{End}*

