

**RESIDENTIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-1

**A. APPLICABILITY:**

This Rate Schedule applies to separately metered single-family residential dwellings receiving Electric Service from the City of Palo Alto Utilities.

**B. TERRITORY:**

This rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. UNBUNDLED RATES:**

<u>Per kilowatt-hour (kWh)</u>	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
Tier 1 usage				
	\$	\$	\$ 0.0054968	\$
	0.1027009999	0.0864251869		0.1946133775
		54		21
Tier 2 usage Any usage over Tier 1				
	0.13311873	0.0807927210	0.0054968	0.2186821324
		225		666
<u>Customer Charge Minimum Bill</u> <u>(\$/day)</u>				0.15254181

**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.

**2. Calculation of Usage Tiers**

Tier 1 Electricity usage shall be calculated and billed based upon a level of ~~15.3711~~ kWh per day, prorated by Meter reading days of Service. As an example, for a 30-day bill, the Tier 1 level would be ~~45061-330~~ kWh. For further discussion of bill calculation and

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**UTILITY RATE SCHEDULE E-1**

proration, refer to Rule and Regulation 11.

*{End}*

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CITY OF  
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Supersedes Sheet No E-1-2  
dated 7-1-202~~3~~2

Sheet No E-1-2  
Effective 7-1-202~~3~~4

**RESIDENTIAL MASTER-METERED AND SMALL NON-RESIDENTIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-2

**A. APPLICABILITY:**

This Rate Schedule applies to the following Customers receiving Electric Service from the City of Palo Alto Utilities:

1. ~~Small n~~Non-residential Customers receiving Non-Demand Metered Electric Service; and
2. Customers with Accounts at Master-Metered multi-family facilities receiving Non-Demand Metered Electric Service.

**B. TERRITORY:**

This rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. UNBUNDLED RATES:**

<u>Per kilowatt-hour (kWh)</u>	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
		\$		\$
Summer Period	\$ 0.14 <del>926216</del>	<del>0.097350.117</del> 75	\$ <del>0.005490.00568</del>	<del>0.252100.2</del> 6559
Winter Period	<del>0.092420.101</del> 96	<del>0.066230.078</del> 61	<del>0.005490.00568</del>	<del>0.164140.1</del> 8625
<u>Minimum Bill</u>				<del>0.18411.06</del>
<u>Charge (\$/day)</u>				46

**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.

**2. Seasonal Rate Changes**

The Summer Period is effective May 1 to October 31 and the Winter Period is effective

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Supersedes Sheet No E-2-1  
dated 7-1-202~~23~~

Sheet No E-2-1  
Effective 7-1-202~~23~~

**RESIDENTIAL MASTER-METERED AND SMALL NON-RESIDENTIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-2

from November 1 to April 30. When the billing period includes use in both 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 if the Customer's load is intermittent or subject to 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.~~

*{End}*



**RESIDENTIAL MASTER-METERED AND SMALL NON-RESIDENTIAL GREEN POWER  
ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-2-G

**A. APPLICABILITY:**

This Rate Schedule applies to the following Customers receiving Electric Service from the City of Palo Alto Utilities who qualify for E-2 service and choose to receive power under the Palo Alto Green Program:

1. ~~Small-n~~Non-residential Customers receiving Non-Demand Metered Electric Service; and
2. Customers with Accounts at Master-Metered multi-family facilities receiving Non-Demand Metered Electric Service.

**B. TERRITORY:**

This rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. UNBUNDLED RATES:**

**1. 100% Renewable Option:**

<u>Per kilowatt-hour (kWh)</u>	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Palo Alto Green Charge</u>	<u>Total</u>
	\$	\$	\$		\$
Summer Period	<del>0.149260</del> .14 216	<del>0.097350</del> .11 775	<del>0.005490</del> 00568	\$ 0.0075	<del>0.259600</del> 27309
Winter Period	<del>0.092420</del> .10 196	<del>0.066230</del> .07 861	<del>0.005490</del> 00568	0.0075	<del>0.171640</del> 19375
<u>Minimum Bill Customer Charge (\$/day)</u>					<del>0.18411</del> .0646

**2. 1000 kWh Block Purchase Option:**

<u>Per kilowatt-hour (kWh)</u>	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
	\$	\$	\$	\$
Summer Period	<del>0.149260</del> .14 216	<del>0.097350</del> .11 775	<del>0.005490</del> 00568	<del>0.252100</del> 26559
Winter Period				

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UTILITY RATE SCHEDULE E-2-G

	<u>0.092420-10</u> 196	<u>0.066230-07</u> 861	<u>0.005490-</u> 00568	<u>0.164140-</u> 18625
<u>Minimum Bill Customer</u> <u>Charge (\$/day)</u>				<u>0.18411-0646</u>
Palo Alto Green Charge (per 1000 kWh block)				\$7.50

**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.

**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 in both the Summer and Winter Periods, usage will be prorated based upon 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. Palo Alto Green Program Description and Participation**

Palo Alto Green service includes the purchase by the utility of enough renewable energy credits (RECs) to match 100% of the metered energy usage at the customer's facility each month. Any customer may alternately request that the utility purchase a specific number of 1000 kilowatt-hour (kWh) blocks of RECs. The utility will charge the customer the Palo Alto Green Charge for each such requested block. Palo Alto Green provides for either the purchase of enough renewable energy credits (RECs) to match 100% of the energy usage at the facility every month, or for the purchase of 1000 kilowatt-hour (kWh) blocks. These REC purchases support the production of renewable energy, increase the financial value of power from renewable sources, and create a transparent and sustainable market that

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Supersedes Sheet No E-2-G-2  
dated 7-1-2023<sup>2</sup>

Sheet No E-2-G-2  
Effective 7-1-2024<sup>3</sup>

**RESIDENTIAL MASTER-METERED AND SMALL NON-RESIDENTIAL GREEN POWER  
ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-2-G

encourages new development of wind and solar power.

Customers choosing to participate shall fill out a Palo Alto Green Power Program application provided by the Customer Service Center. Customers may request at any time, in writing, a change to the number of blocks they wish to purchase under the Palo Alto Green Program.

**4. 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 if the Customer's load is intermittent or subject to 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.~~

*{End}*

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Supersedes Sheet No E-2-G-3  
dated 7-1-2023<sup>2</sup>

Sheet No E-2-G-3  
Effective 7-1-2024<sup>3</sup>

**MEDIUM NON-RESIDENTIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-4

**A. APPLICABILITY:**

This Rate Schedule applies to Demand metered Secondary Electric Service for Customers with a maximum Demand below 1,000 kilowatts. This Rate Schedule ~~applies to three-phase Electric Service and~~ may include Service to master-metered multi-family facilities or other facilities requiring Demand-metered Service, as determined by the City.

**B. TERRITORY:**

This rate schedule applies everywhere 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)	\$ <del>10.985</del> <sup>28</sup>	\$ <del>34.313</del> <sup>54</sup>		\$ <del>45.293</del> <sup>82</sup>
Energy Charge (per kWh)	<del>0.123180</del> <sup>131</sup> 57	<del>0.025200</del> <sup>026</sup> 38	<del>0.005490</del> <sup>00</sup> 568	<del>0.153870</del> <sup>1636</sup> 3
<u>Winter Period</u>				
Demand Charge (per kW)	\$ <del>2.573</del> <sup>29</sup>	\$ <del>21.162</del> <sup>87</sup>		\$ <del>23.732</del> <sup>16</sup>
Energy Charge (per kWh)	<del>0.079490</del> <sup>094</sup> 61	<del>0.025200</del> <sup>026</sup> 38	<del>0.005490</del> <sup>00</sup> 568	<del>0.110180</del> <sup>1266</sup> 7
<u>Minimum Bill Customer Charge (\$/day)</u>				<del>3.7390</del> <sup>22.0012</sup>

**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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Supersedes Sheet No E-4-1  
dated 7-1-202~~3~~<sup>2</sup>

Sheet No E-4-1  
Effective 7-1-202~~3~~<sup>4</sup>

## MEDIUM NON-RESIDENTIAL ELECTRIC SERVICE

### UTILITY RATE SCHEDULE E-4

#### 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 if the Customer's load is intermittent or subject to 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 Adjustment", if applicable. The adjustment will be applied to a Customer's bill prior to~~

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Supersedes Sheet No E-4-2  
dated 7-1-2023<sup>2</sup>

Sheet No E-4-2  
Effective 7-1-2024<sup>3</sup>

## MEDIUM NON-RESIDENTIAL ELECTRIC SERVICE

### UTILITY RATE SCHEDULE E-4

~~the computation of any primary voltage discount. The Power Factor Adjustment 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 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.~~

#### **54. 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.

#### **65. 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~~2.5 percent for available line voltages above 2 kilovolts will be offered, but 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, as determined in the City's sole discretion. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any Customer receiving the discount in this section. 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.

#### **76. Standby Charge**

- a. Applicability: The standby charge, subject to the exemptions in subsection D(7)(e), applies to Customers that have a non-utility generation source interconnected on the Customer's side of the City's revenue meter and that occasionally require backup power from the City due to non-operation of the non-utility generation source.

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Supersedes Sheet No E-4-3  
dated 7-1-20232

Sheet No E-4-3  
Effective 7-1-20243

## MEDIUM NON-RESIDENTIAL ELECTRIC SERVICE

### UTILITY RATE SCHEDULE E-4

b. Standby Charges:

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
Summer Period	<del>\$8.410.69</del>	<del>\$1534.2331</del>	<del>\$42.7215.92</del>
Winter Period	<del>\$0.0063</del>	<del>\$21.169.04</del>	<del>\$9.6721.16</del>

c. Meters. A separate Meter is required for each non-utility generation source.

d. Calculation of Maximum Demand Credit.

(1) In the event the Customer's Maximum Demand (as defined in Section D.3) occurs when one or more of the non-utility generators on the Customer's side of the City's revenue meter are not operating, the Maximum Demand will be reduced by the sum of the Maximum Generation of those non-utility generators, but in no event shall the Customer's Maximum Demand be reduced below zero.

(2) If the non-utility generation source does not operate for an entire billing cycle, the standby charge does not apply and the Customer shall not receive the Maximum Demand credit described in this Section.

e. Exemptions.

(1) The standby charge shall not apply to backup generators designed to operate only in the event of an interruption in utility Service and which are not used to offset Customer electricity purchases.

(2) The standby charge shall not apply if the Customer meets the definition of an "Eligible Customer-generator" as defined in California Public Utilities Code Section 2827(b)(4), as amended.

(3) The applicability of these exemptions shall be determined at the discretion of the Utilities Director.

*{End}*

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### CITY OF PALO ALTO UTILITIES

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Supersedes Sheet No E-4-4  
dated 7-1-2023<sup>2</sup>

Sheet No E-4-4  
Effective 7-1-2024<sup>3</sup>

**MEDIUM NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-4-G

**A. APPLICABILITY:**

This Rate Schedule applies to customers who qualify for E-4 service Demand metered Secondary Electric Service for Customers with a maximum Demand below 1,000 kilowatts (kW) and who choose to receive power under the Palo Alto Green Program. ~~This Rate Schedule applies to three phase Electric Service and may include Service to Master metered multi family facilities or other facilities requiring Demand metered Service, as determined by the City.~~

**B. TERRITORY:**

The rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. UNBUNDLED RATES:**

**1. 100% Renewable Option:**

	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Palo Alto Green Charge</u>	<u>Total</u>
<u>Summer Period</u>					
					\$
Demand Charge (per kW)	\$ <del>10.985</del> <sup>28</sup>	\$ <del>34.313</del> <sup>54</sup>			<del>45.293</del> <sup>6.8</sup> 2
Energy Charge (per kWh)	<del>0.12318</del> <sup>13</sup> 157	<del>0.02520</del> <sup>026</sup> 38	<del>0.00549</del> <sup>0</sup> 00568	0.0075	<del>0.16137</del> <sup>0</sup> 17113
<u>Winter Period</u>					
					\$
Demand Charge (per kW)	\$ <del>2.573</del> <sup>29</sup>	\$ <del>21.162</del> <sup>0.87</sup>			<del>23.732</del> <sup>4.1</sup> 6
Energy Charge (per kWh)	<del>0.07949</del> <sup>09</sup> 461	<del>0.02520</del> <sup>026</sup> 38	<del>0.00549</del> <sup>0</sup> 00568	0.0075	<del>0.11768</del> <sup>0</sup> 13417
<u>Minimum Bill Customer Charge (\$/day)</u>					<del>3.739</del> <sup>022</sup> 0012

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Supersedes Sheet No E-4-G-1  
dated 7-1-2023<sup>2</sup>

Sheet No E-4-G-1  
Effective 7-1-2024<sup>3</sup>

**MEDIUM NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-4-G

**2. 1000 kWh Block Purchase Option:**

	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
<u>Summer Period</u>				
				\$
Demand Charge (per kW)	\$ 10.98528	34.313154		45.29368
	0.12318013	0.02520002	0.005490	0.153870
Energy Charge (per kWh)	157	638	00568	16363
Palo Alto Green Charge (per 1000 kWh block)				\$7.50
<u>Winter Period</u>				
				\$
Demand Charge (per kW)	\$ 2.57329	21.162087		23.73241
	0.07949009	0.02520002	0.005490	0.110180
Energy Charge (per kWh)	461	638	00568	12667
Palo Alto Green Charge (per 1000 kWh block)				\$7.50
<u>Minimum Bill Customer Charge (\$/day)</u>				3.7390220012

**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.

**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 kilowatt-hours for three consecutive months, a Maximum Demand Meter will be installed as promptly as is

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Supersedes Sheet No E-4-G-2  
dated 7-1-2023<sup>2</sup>

Sheet No E-4-G-2  
Effective 7-1-2024<sup>3</sup>

# MEDIUM NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE

## UTILITY RATE SCHEDULE E-4-G

practicable and thereafter continued in Service until the monthly use of energy has dropped below 6,000 kilowatt-hours 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 if the Customer's load is intermittent or subject to 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 dropped below 200 kilowatts for four consecutive months.~~

~~When such Metering is installed, the monthly Electric bill will include a "Power Factor Adjustment", if applicable. The adjustment will be applied to a Customer's bill prior to the computation of any primary voltage discount. The Power Factor Adjustment is applied by increasing the total energy and Demand charges for any month by 0.25 percent or (1/4) 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 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.~~

### **45. Changing Rate Schedules**

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

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CITY OF  
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Supersedes Sheet No E-4-G-3  
dated 7-1-2023<sup>2</sup>

Sheet No E-4-G-3  
Effective 7-1-2024<sup>3</sup>

## MEDIUM NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE

### UTILITY RATE SCHEDULE E-4-G

#### **65. Palo Alto Green Program Description and Participation**

~~Palo Alto Green service includes the purchase by the utility of enough renewable energy credits (RECs) to match 100% of the metered energy usage at the customer's facility each month. Any customer may alternately request that the utility purchase a specific number of 1000 kilowatt-hour (kWh) blocks of RECs. The utility will charge the customer the Palo Alto Green Charge for each such requested block. Palo Alto Green provides for either the purchase of enough renewable energy credits (RECs) to match 100% of the energy usage at the facility every month, or for the purchase of 1000 kilowatt-hour (kWh) blocks.~~ These REC purchases support the production of renewable energy, increase the financial value of power from renewal sources, and creates a transparent and sustainable market that encourages new development of wind and solar.

Customers choosing to participate shall fill out a Palo Alto Green Power Program application provided by the Customer Service Center. Customers may request at any time, in writing, a change to the number of blocks they wish to purchase under the Palo Alto Green Program.

#### **67. 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 2.5 percent for available line voltages above 2 kilovolts will be offered, but 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, as determined in the City's sole discretion. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any Customer receiving the discount in this section. The Customer then has the option to change the 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.

#### **8. Standby Charge**

- a. Applicability: The standby charge, subject to the exemptions in subsection D(8)(e), applies to Customers that have a non-utility generation source interconnected on the Customer's side of the City's revenue Meter and that occasionally require backup power from the City due to non-operation of the non-utility generation source.

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**CITY OF PALO ALTO UTILITIES**

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CITY OF  
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Supersedes Sheet No E-4-G-4  
dated 7-1-2023<sup>2</sup>

Sheet No E-4-G-4  
Effective 7-1-2024<sup>3</sup>

**MEDIUM NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-4-G

b. Standby Charges:

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
Summer Period	<del>\$8.41</del> <u>0.69</u>	<del>\$15.23</del> <u>34.31</u>	<del>\$42.72</del> <u>15.92</u>
Winter Period	<del>\$0.00</del> <u>0.63</u>	<del>\$21.16</del> <u>9.04</u>	<del>\$9.67</del> <u>21.16</u>

c. Meters: A separate Meter is required for each non-utility generation source.

d. Calculation of Maximum Demand Credit:

(1) In the event the Customer’s Maximum Demand (as defined in Section D.3) occurs when one or more of the non-utility generators on the Customer’s side of the City’s revenue Meter are not operating, the Maximum Demand will be reduced by the sum of the Maximum Generation of those non-utility generators, but in no event shall the Customer’s Maximum Demand be reduced below zero.

(2) If the non-utility generation source does not operate for an entire billing cycle, the standby charge does not apply and the Customer shall not receive the Maximum Demand credit described in this Section.

e. Exemptions:

(1) The standby charge shall not apply to backup generators designed to operate only in the event of an interruption in utility Service and which are not used to offset Customer electricity purchases.

(2) The standby charge shall not apply if the Customer meets the definition of an “Eligible Customer-generator” as defined in California Public Utilities Code Section 2827(b)(4), as amended.

(3) The applicability of these exemptions shall be determined at the discretion of the Utilities Director.

*{End}*



**MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

UTILITY RATE SCHEDULE E-4 TOU

**A. APPLICABILITY:**

This voluntary Rate Schedule applies to Demand metered Secondary Electric Service for Customers with Demand between 500 and 1,000 kilowatts per month and who have sustained this level of usage for at least three consecutive months during the most recent 12 month period. This Rate Schedule ~~applies to three-phase Electric Service and~~ may include Service to Master-Metered multi-family facilities or other facilities requiring Demand-metered Service, as determined by the City. ~~In addition, this Rate Schedule is applicable for Customers who did not pay power factor adjustments during the last 12 months.~~

**B. TERRITORY:**

This rate schedule applies everywhere 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)				
Peak	\$ <u>9.72</u> <del>3.22</del>	\$ <u>17.18</u> <del>10.85</del>		\$ <u>26.90</u> <del>14.07</del>
<del>Mid-Peak</del> Max Demand	<u>1.29</u> <del>1.11</del>	<u>17.18</u> <del>10.85</del>		<u>18.47</u> <del>11.96</del>
—Off-Peak	<u>1.11</u>	<u>10.85</u>		<u>11.96</u>
Energy Charge (per kWh)				
	\$	\$		\$
Peak	<u>0.170</u> <del>380.120</del>	<u>0.025</u> <del>380.026</del>	\$ <u>0.005</u> <del>490.00568</del>	<u>0.201</u> <del>250.152</del>
Peak	<u>0.140</u> <del>410.152</del>	<u>0.025</u> <del>380.026</del>		<u>0.171</u> <del>280.184</del>
Mid-Peak	<u>0.105</u> <del>560.092</del>	<u>0.025</u> <del>380.026</del>	<u>0.005</u> <del>490.00568</del>	<u>0.136</u> <del>430.124</del>
Off-Peak	<u>0.092</u>	<u>0.026</u>	<u>0.006</u>	<u>0.124</u>
	<u>29</u>	<u>36</u>	<u>0.005</u> <del>490.00568</del>	<u>33</u>
<u>Winter Period</u>				
Demand Charge (per kW)				
Peak	\$ <u>1.30</u> <del>1.83</del>	\$ <u>10.73</u> <del>11.63</del>		\$ <u>12.03</u> <del>13.46</del>
<del>Max Demand</del> Off-Peak	<u>1.30</u> <del>1.83</del>	<u>10.73</u> <del>11.63</del>		<u>12.03</u> <del>13.46</del>
Peak	<u>1.30</u> <del>1.83</del>	<u>10.73</u> <del>11.63</del>		<u>12.03</u> <del>13.46</del>

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**MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

UTILITY RATE SCHEDULE E-4 TOU

	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
Energy Charge (per kWh)				
	\$	\$		\$
Peak	<u>0.119760</u> 44	<u>0.025000</u> 36	\$ <u>0.005490</u> 00568	<u>0.150250</u> 179 48
<u>Mid-Peak</u>	<u>0.09452</u>	<u>0.02500</u>	<u>0.00549</u>	<u>0.12501</u>
Off-Peak	<u>0.06525</u> 0.12619	<u>0.025000</u> 36	\$-0.0054968	<u>0.09574</u> 0.15823
<u>Minimum Bill</u> <u>Charge (\$/day)</u>	<u>Customer</u>			<u>3.739022</u> 001 2

**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.

**2. Definition of Time Periods**

SUMMER PERIOD (Service from May 1 to October 31):

Energy

Peak: 12:00 noon to 6:00 p.m. Monday through Friday (except holidays)

Mid Peak: 8:00 p.m. to 11:00 p.m. Monday through Friday (except holidays)  
9:00 p.m. to 11:00 p.m.

Off-Peak: 9:00 p.m. to 8:00 a.m. All other hours Monday through Friday  
(except holidays)  
All day Saturday, Sunday, and holidays

Demand

Peak: 4:00 p.m. to 9:00 p.m. Monday through Friday (except holidays)

Max Demand: All other hours Monday through Friday (except

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UTILITY RATE SCHEDULE E-4 TOU

~~holidays)Every day~~

~~All day Saturday, Sunday, and holidays~~

WINTER PERIOD (Service from November 1 to April 30):

Energy

Peak: ~~48:00~~ 4:00 p.m. to 9:00 p.m. Monday through Friday (except holidays)

Mid Peak: 9:00 a.m. to 2:00 p.m. Monday through Friday (except holidays)

Off-Peak: ~~9:00 p.m. to 8:00 a.m.~~ All other hours Monday through Friday (except holidays)

All day Saturday, Sunday, and holidays

Demand

Peak: 4:00 p.m. to 9:00 p.m. Monday through Friday (except holidays)

Max Demand: All other hours Monday through Friday (except holidays)Every day

~~All day Saturday, Sunday, and holidays~~

TYPES OF DEMAND CHARGES: The Peak Demand Charge per kilowatt applies to the maximum peak-period demand during the time periods noted above. The Maximum (Max) Demand charge per kilowatt applies to the maximum demand at any time during the month. Both demand charges apply in each billing period, and the maximum peak-period demand and maximum demand may occur at different times in the billing period depending on customer usage patterns.

SEASONAL RATE CHANGES: When the billing period includes use in both 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. Demand Meter

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CITY OF PALO ALTO UTILITIES

# MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

## UTILITY RATE SCHEDULE E-4 TOU

Whenever the monthly use of energy has exceeded 8,000 kilowatt-hours for three consecutive months, a 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 kilowatt-hours for twelve consecutive months, whereupon, at the option of the City, it may be removed.

The Billing Demand to be used in computing charges under this schedule will be the actual Maximum Demand in kilowatts taken during any 15-minute interval in each of the designated time periods as defined under Section D.2.

### ~~4. Power Factor Adjustment~~

~~Time of Use Customers must not have had a power factor adjustment assessed on their Service for at least 12 months. Power factor is calculated based on the ratio of kilowatt hours to kilovolt-ampere hours consumed during the month, and must not have fallen below 95% to avoid the power factor adjustment.~~

~~Should the City of Palo Alto Utilities Department find that the Customer's Service should be subject to power factor adjustments, the Customer will be removed from the E-4 TOU rate schedule and placed on another applicable rate schedule as is suitable to their kilowatt Demand and kilowatt-hour usage.~~

### **54. Changing Rate Schedules**

Customers electing to be served under E-4 TOU must remain on said Rate Schedule for a minimum of 12 months. Should the Customer so wish, at the end of 12 months, the Customer may request a Rate Schedule change to any applicable City of Palo Alto full-service Rate Schedule as is suitable to their kilowatt Demand and kilowatt-hour usage.

### **56. 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 ~~2.5~~<sup>1/2</sup> percent for available line voltages above 2 kilovolts will be offered, but 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, as determined in the City's sole discretion. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any Customer receiving the discount in this section. 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.

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Supersedes Sheet No E-4-TOU-4  
dated 7-1-202~~3~~<sup>2</sup>

Sheet No E-4-TOU-4  
Effective 7-1-202~~3~~<sup>4</sup>

**MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

UTILITY RATE SCHEDULE E-4 TOU

**7. Standby Charge**

a. Applicability: The standby charge, subject to the exemptions in subsection D(7)(e), applies to Customers that have a non-utility generation source interconnected on the Customer’s side of the City’s revenue Meter and that occasionally require backup power from the City due to non-operation of the non-utility generation source.

b. Standby Charges:

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
Summer Period	<del>\$0.698.41</del>	<del>\$15.2334.31</del>	<del>\$15.9242.72</del>
Winter Period	<del>\$0.0063</del>	<del>\$21.169.04</del>	<del>\$21.169.67</del>

c. Meters. A separate Meter is required for each non-utility generation source.

d. Calculation of Maximum Demand Credit.

(1) In the event the Customer’s Maximum Demand occurs when one or more of the non-utility generators on the Customer’s side of the City’s revenue Meter are not operating, the Maximum Demand will be reduced by the sum of the Maximum Generation of those non-utility generators, but in no event shall the Customer’s Maximum Demand be reduced below zero.

(2) If the non-utility generation source does not operate for an entire billing cycle, the standby charge does not apply and the Customer shall not receive the Maximum Demand credit described in this Section.

e. Exemptions.

(1) The standby charge shall not apply to backup generators designed to operate only in the event of an interruption in utility Service and which are not used to offset Customer electricity purchases.

(2) The standby charge shall not apply if the Customer meets the definition of an “Eligible Customer-generator” as defined in California Public Utilities Code Section 2827(b)(4), as amended.

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**MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

**UTILITY RATE SCHEDULE E-4 TOU**

(3) The applicability of these exemptions shall be determined at the discretion of the Utilities Director.

*{End}*

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**CITY OF PALO ALTO UTILITIES**

Issued by the City Council

Supersedes Sheet No E-4-TOU-6  
dated 7-1-2023<sup>2</sup>



CITY OF  
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Sheet No E-4-TOU-6  
Effective 7-1-2024<sup>3</sup>

**LARGE NON-RESIDENTIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-7

**A. APPLICABILITY:**

This Rate Schedule applies to Demand Metered Service for large non-residential Customers with a Maximum Demand of at least 1,000KW per month per site, who have sustained this Demand level at least 3 consecutive months during the last twelve months.

**B. TERRITORY:**

This rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. RATES:**

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

<u>Summer Period</u>	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
Demand Charge (kW)	\$ <del>11.956.03</del>	\$ <del>28.4133.05</del>		\$ <del>40.3639.08</del>
Energy Charge (kWh)	<del>0.126590.139</del> 17	<del>0.003620.00075</del>	<del>0.005490.005</del> 68	<del>0.135700.14560</del>
 <u>Winter Period</u>				
Demand Charge (kW)	\$ <del>2.793.46</del>	\$ <del>25.0018.25</del>		\$ <del>27.7921.71</del>
Energy Charge (kWh)	<del>0.078940.092</del> 12	<del>0.003540.00075</del>	<del>0.005490.005</del> 68	<del>0.087970.09855</del>
<del>Minimum Bill</del> <del>Customer</del> <del>Charge (\$/day)</del>				<del>17.122162.5539</del>

**D. SPECIAL NOTES:**

**1. Calculation of Charges**

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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**CITY OF PALO ALTO UTILITIES**

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**CITY OF  
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UTILITIES**

Supersedes Sheet No E-7-1  
dated 7-1-202~~32~~

Sheet No E-7-1  
Effective 7-1-202~~43~~

# LARGE NON-RESIDENTIAL ELECTRIC SERVICE

## UTILITY RATE SCHEDULE E-7

### 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 in 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. Request for Service

Qualifying Customers may request Service under this schedule for more than one Account or one Meter if the Accounts are on one site. A site, for the purposes of this Rate Schedule, consists of one or more Accounts which cover contiguous parcels of land with no intervening public right-of-ways (e.g. streets) and which have a common billing address.

### 4. Maximum Demand Meter

Whenever the monthly use of energy has exceeded 8,000 kilowatt-hours 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 kilowatt-hours 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 if the Customer's load is intermittent or subject to 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.

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Supersedes Sheet No E-7-2  
dated 7-1-202~~3~~2

Sheet No E-7-2  
Effective 7-1-202~~3~~4

# LARGE NON-RESIDENTIAL ELECTRIC SERVICE

## UTILITY RATE SCHEDULE E-7

### 5. ~~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 to install 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 shall include a "Power Factor Adjustment", if applicable. The adjustment shall be applied to a Customer's bill prior to the computation of any primary voltage discount. The power factor adjustment 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 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.~~

### 65. Changing Rate Schedules

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

### 67. 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 ~~2.8-1/2~~ percent for available line voltages above 2 kilovolts will be offered, but 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, as determined in the City's sole discretion. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any Customer receiving the discount in this section. 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 kVA size limitation.

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Supersedes Sheet No E-7-3  
dated 7-1-202~~3~~2

Sheet No E-7-3  
Effective 7-1-202~~3~~4

# LARGE NON-RESIDENTIAL ELECTRIC SERVICE

## UTILITY RATE SCHEDULE E-7

### 78. Standby Charge

a. Applicability: The standby charge, subject to the exemptions in subsection D(8)(e), applies to Customers that have a non-utility generation source interconnected on the Customer's side of the City's revenue Meter and that occasionally require backup power from the City due to non-operation of the non-utility generation source.

b. Standby Charges:

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
Summer Period	\$ <u>9.160.84</u>	\$ <u>12.5528.41</u>	\$ <u>13.3937.57</u>
Winter Period	\$ <u>0.0072</u>	\$ <u>25.006.04</u>	\$ <u>25.006.76</u>

c. Meters. A separate Meter is required for each non-utility generation source.

d. Calculation of Maximum Demand Credit.

(1) In the event the Customer's Maximum Demand (as defined in Section D.4) occurs when one or more of the non-utility generators on the Customer's side of the City's revenue Meter are not operating, the Maximum Demand will be reduced by the sum of the Maximum Generation of those non-utility generators, but in no event shall the Customer's Maximum Demand be reduced below zero.

(2) If the non-utility generation source does not operate for an entire billing cycle, the standby charge does not apply and the Customer shall not receive the Maximum Demand credit described in this Section.

e. Exemptions.

(1) The standby charge shall not apply to backup generators designed to operate only in the event of an interruption in utility Service and which are not used to offset Customer electricity purchases.

(2) The standby charge shall not apply if the Customer meets the definition of an "Eligible Customer-generator" as defined in California Public Utilities Code Section 2827(b)(4), as amended.

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CITY OF  
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Supersedes Sheet No E-7-4  
dated 7-1-202~~32~~

Sheet No E-7-4  
Effective 7-1-202~~43~~

**LARGE NON-RESIDENTIAL ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-7

(3) The applicability of these exemptions shall be determined at the discretion of the Utilities Director.

*{End}*

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Supersedes Sheet No E-7-5  
dated 7-1-202~~3~~2

Sheet No E-7-5  
Effective 7-1-202~~3~~4

**LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-7-G

**A. APPLICABILITY:**

~~This Rate Schedule applies to customers who qualify for E-7 service and who choose to receive power under the Palo Alto Green Program. This Rate Schedule applies to Demand metered Service for large non-residential Customers who choose Service under the Palo Alto Green Program. A Customer may qualify for this Rate Schedule if the Customer's Maximum Demand is at least 1,000KW per month per site, who have sustained this Demand level at least 3 consecutive months during the last twelve months.~~

**B. TERRITORY:**

The rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. UNBUNDLED RATES:**

**1. 100% Renewable Option:**

	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Palo Alto Green Charge</u>	<u>Total</u>
<u>Summer Period</u>					
					\$
Demand Charge ( per kW)	\$ <del>11.956.03</del> <u>0.126590.13</u>	\$ <del>28.4133.05</del> <u>0.003620.00</u>	<del>0.005490.</del> <u>0.005490.</u>	0.0075	<del>40.3639.</del> <u>08</u> <u>0.14320</u>
Energy Charge (per kWh)	<del>917</del> <u>917</u>	<del>075</del> <u>075</u>	<del>00568</del> <u>00568</u>	0.0075	<del>0.15310</del> <u>0.15310</u>
<u>Winter Period</u>					
					\$
Demand Charge (per kW)	\$ <del>2.793.46</del> <u>0.078940.09</u>	\$ <del>25.0018.25</del> <u>0.003540.00</u>	<del>0.005490.</del> <u>0.005490.</u>	0.0075	<del>27.7921.</del> <u>71</u> <u>0.09547</u>
Energy Charge (per kWh)	<del>212</del> <u>212</u>	<del>075</del> <u>075</u>	<del>00568</del> <u>00568</u>	0.0075	<del>0.10605</del> <u>0.10605</u>
<u>Minimum Bill Customer Charge (\$/day)</u>					<u>17.122162.5539</u>

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**LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-7-G

**2. 1000 kWh Block Purchase Option:**

	<u>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
<u>Summer Period</u>				\$
Demand Charge (per kW)	\$ <del>11.95603</del>	\$ <del>28.413305</del>		<del>40.363908</del>
	<u>0.12659013</u>	<u>0.00362000</u>		<u>0.13570</u>
Energy Charge (per kWh)	<del>917</del>	<del>075</del>	<u>0.00549000568</u>	<del>0.14560</del>
Palo Alto Green Charge (per 1000 kWh block)				\$7.50
<u>Winter Period</u>				\$
Demand Charge (per kW)	\$ <del>2.79346</del>	\$ <del>25.001825</del>		<del>27.792171</del>
	<u>0.07894009</u>	<u>0.00354000</u>		<u>0.08797</u>
Energy Charge (per kWh)	<del>212</del>	<del>075</del>	<u>0.00549000568</u>	<del>0.09855</del>
Palo Alto Green Charge (per 1000 kWh block)				\$7.50
<u>Minimum Bill</u> <u>Charge (\$/day)</u>				<u>17.1221625539</u>

**D. SPECIAL NOTES:**

**1. Calculation of Charges**

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.

**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 kilowatt-hours for three

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**CITY OF PALO ALTO UTILITIES**

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UTILITIES

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dated 7-1-2023~~2~~

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# LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE

## UTILITY RATE SCHEDULE E-7-G

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 dropped below 6,000 kilowatt-hours 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 if the Customer's load is intermittent or subject to 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. Request for Service

Qualifying Customers may request Service under this schedule for more than one Account or one Meter if the Accounts are at one site. A site, for the purposes of this Rate Schedule, consists of one or more Accounts which cover contiguous parcels of land with no intervening public right-of-ways (e.g. streets) and which have a common billing address.

### ~~5. 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 dropped below 200 kilowatts for four consecutive months.~~

~~When such Metering is installed, the monthly Electric bill shall include a "Power Factor Adjustment", if applicable. The adjustment shall be applied to a Customer's bill prior to the computation of any primary voltage discount. The power factor adjustment is applied by increasing the total energy and Demand charges for any month by 0.25 percent or (1/4) 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 kilovolt-ampere hours consumed during the month. Where time-of-day Metering is~~

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# LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE

## UTILITY RATE SCHEDULE E-7-G

~~installed, the monthly Power Factor shall be the Power Factor coincident with the Customer's Maximum Demand.~~

### **56. Changing Rate Schedules**

Customers may request a rate schedule change at any time to any applicable full service rate schedule as is applicable to their kilowatt-Demand and kilowatt-hour usage profile

### **67. Palo Alto Green Program Description and Participation**

~~Palo Alto Green service includes the purchase by the utility of enough renewable energy credits (RECs) to match 100% of the metered energy usage at the customer's facility each month. Any customer may alternately request that the utility purchase a specific number of 1000 kilowatt-hour (kWh) blocks of RECs. The utility will charge the customer the Palo Alto Green Charge for each such requested block. Palo Alto Green provides for either the purchase of enough renewable energy credits (RECs) to match 100% of the energy usage at the facility every month, or for the purchase of 1000 kilowatt-hour (kWh) blocks.~~ These REC purchases support the production of renewable energy, increase the financial value of power from renewal sources, and creates a transparent and sustainable market that encourages new development of wind and solar.

Customers choosing to participate shall fill out a Palo Alto Green Power Program application provided by the Customer Service Center. Customers may request at any time, in writing, a change to the number of blocks they wish to purchase under the Palo Alto Green Program.

### **78. 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 ~~2.8~~<sup>2.8-1/2</sup> percent for available line voltages above 2 kilovolts will be offered, but the City is not required to supply Service at a qualified 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, as determined in the City's sole discretion. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any Customer receiving the discount in this section. The Customer then has the option to change the 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.

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**LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-7-G

**9. Standby Charge**

a. Applicability: The standby charge, subject to the exemptions in subsection D(9)(e), applies to Customers that have a non-utility generation source interconnected on the Customer’s side of the City’s revenue Meter and that occasionally require backup power from the City due to non-operation of the non-utility generation source.

b. Standby Charges:

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
Summer Period	\$ <u>9.160.84</u>	\$ <u>12.5528.41</u>	\$ <u>13.3937.57</u>
Winter Period	\$ <u>0.0072</u>	\$ <u>25.006.04</u>	\$ <u>25.006.76</u>

c. Meters: A separate Meter is required for each non-utility generation source.

d. Calculation of Maximum Demand Credit:

(1) In the event the Customer’s Maximum Demand (as defined in Section D.3) occurs when one or more of the non-utility generators on the Customer’s side of the City’s revenue Meter are not operating, the Maximum Demand will be reduced by the sum of the Maximum Generation of those non-utility generators, but in no event shall the Customer’s Maximum Demand be reduced below zero.

(2) If the non-utility generation source does not operate for an entire billing cycle, the standby charge does not apply and the Customer shall not receive the Maximum Demand credit described in this Section.

e. Exemptions:

(1) The standby charge shall not apply to backup generators designed to operate only in the event of an interruption in utility Service and which are not used to offset Customer electricity purchases.

(2) The standby charge shall not apply if the Customer meets the definition of an “Eligible Customer-generator” as defined in California Public Utilities Code Section 2827(b)(4), as amended.



**LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE**

UTILITY RATE SCHEDULE E-7-G

(3) The applicability of these exemptions shall be determined at the discretion of the Utilities Director.

*{End}*

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**CITY OF PALO ALTO UTILITIES**

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Supersedes Sheet No E-7-G-6  
dated 7-1-2023<sup>2</sup>

Sheet No **E-7-G-6**  
Effective 7-1-2024<sup>3</sup>

**LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

UTILITY RATE SCHEDULE E-7 TOU

**A. APPLICABILITY:**

This voluntary Rate Schedule applies to Demand Metered Service for non-residential Customers with a Maximum Demand of at least 1,000KW per month per site, who have sustained this Demand level at least 3 consecutive months during the last twelve months. ~~In addition, this Rate Schedule is applicable for Customers who did not pay power factor adjustments during the last 12 months.~~

**B. TERRITORY:**

This rate schedule applies everywhere 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)				
Peak	\$ <u>11.283.86</u>	\$ <u>14.7111.08</u>		\$ <u>25.9914.94</u>
<del>Mid-Peak</del>	<del>1.13</del>	<del>11.08</del>		<del>12.21</del>
<u>Off-Peak</u> <u>Max Demand</u>	<u>1.451.13</u>	<u>14.7111.08</u>		<u>16.1612.21</u>
Energy Charge (per kWh)				
	\$		\$	\$
Peak	<u>0.180190.14</u> 457	<u>0.003620.00075</u>	<u>0.005490.00568</u>	<u>0.189300.15100</u>
Mid-Peak	<u>0.148500.18</u> 205	<u>0.003620.00075</u>	<u>0.005490.00568</u>	<u>0.157610.18848</u>
Off-Peak	<u>0.111640.11</u> 171	<u>0.003620.00075</u>	<u>0.005490.00568</u>	<u>0.120750.11814</u>
<u>Winter Period</u>				
Demand Charge (per kW)				
Peak	\$ <u>1.451.78</u>	\$ <u>12.999.22</u>		\$ <u>14.4411.00</u>
<u>Max Demand</u> <u>Off-Peak</u>	<u>1.451.78</u>	<u>12.999.22</u>		<u>14.4411.00</u>
Energy Charge (per kWh)				
	\$		\$	\$
Peak	<u>0.121040.09</u>	<u>0.003540.00075</u>	<u>0.005490.00568</u>	<u>0.130070.10340</u>

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**LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

UTILITY RATE SCHEDULE E-7 TOU

	697			
<u>Mid-Peak</u>	<u>0.09552</u>	<u>0.00354</u>	<u>0.00549</u>	<u>0.10455</u>
	<del>0.065940.08</del>			
Off-Peak	323	<u>0.003540.00075</u>	<u>0.005490.00568</u>	<u>0.074970.08966</u>
<u>Minimum Bill Customer Charge (\$/day)</u>				<u>17.122162.5539</u>

**D. SPECIAL NOTES:**

**1. Calculation of Charges**

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.

**2. Definition of Time Periods**

SUMMER PERIOD \_\_\_\_\_ (Service from May 1 to October 31):

Energy

Peak: ~~4:00 p.m. to 9:00 p.m.~~ 4:00 p.m. to 9:00 p.m. Monday through Friday (except holidays)

Mid Peak: 2:00 p.m. to 4:00 p.m. ~~8:00 a.m. to 12:00 noon~~ Monday through Friday (except holidays)

9:00 p.m. to 11:00 p.m. ~~6:00 p.m. to 9:00 p.m.~~

Off-Peak: ~~9:00 p.m. to 8:00 a.m.~~ All other hours Monday through Friday (except holidays)

All day Saturday, Sunday, and holidays

Demand

Peak: 4:00 p.m. to 9:00 p.m. Monday through Friday (except holidays)

~~Max Demand: All other hours Monday through Friday (except holidays)~~  
~~All day All hours Saturday, Sunday, and holidays Every day~~

WINTER PERIOD \_\_\_\_\_ (Service from November 1 to April 30):

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# LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

## UTILITY RATE SCHEDULE E-7 TOU

### Energy

Peak:	<u>4:00 p.m. to 9:00 p.m.</u>	Monday through Friday (except holidays)
Mid Peak:	<u>9:00 a.m. to 2:00 p.m.</u>	<u>Monday through Friday (except holidays)</u>
Off-Peak:	<u>9:00 p.m. to 8:00 a.m.</u> <u>All other hours</u>	Monday through Friday (except holidays)
	All day	Saturday, Sunday, and holidays

### Demand

Peak:	<u>4:00 p.m. to 9:00 p.m.</u>	<u>Monday through Friday (except holidays)</u>
Max Demand:	<u>All other hours</u>	<u>Monday through Friday (except holidays)</u>
	<u>All day</u>	<u>Saturday, Sunday, and holidays</u>
	<u>Every day</u>	<u>All hours</u>

TYPES OF DEMAND CHARGES: The Peak Demand Charge per kilowatt applies to the maximum peak-period demand during the time periods noted above. The Maximum (Max) Demand charge per kilowatt applies to the maximum demand at any time during the month. Both demand charges apply in each billing period, and the maximum peak-period demand and maximum demand may occur at different times in the billing period depending on customer usage patterns.

SEASONAL RATE CHANGES: When the billing period includes use in both 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. Request for Service**

Qualifying Customers may request Service under this schedule for more than one Account or one Meter if the Accounts are on one site. A site, for the purposes of this Rate Schedule, consists of one or more Accounts which cover contiguous parcels of land with no intervening public right-of-ways (e.g. streets) and which have a common billing address.

### **4. Demand Meter**

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Supersedes Sheet No E-7-TOU-3  
dated 7-1-2023<sup>2</sup>

Sheet No E-7-TOU-3  
Effective 7-1-2024<sup>3</sup>

# LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

## UTILITY RATE SCHEDULE E-7 TOU

Whenever the monthly use of energy has exceeded 8,000 kilowatt-hours for three consecutive months, a 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 kilowatt-hours for twelve consecutive months, whereupon, at the option of the City, it may be removed.

The Billing Demand to be used in computing charges under this schedule will be the actual Maximum Demand in kilowatts taken during any 15-minute interval in each of the designated time periods as defined under Section D.2.

### ~~5. Power Factor Adjustment~~

~~Time of Use Customers must not have had a power factor adjustment assessed on their Service for at least 12 months. Power factor is calculated based on the ratio of kilowatt hours to kilovolt-ampere hours consumed during the month, and must not have fallen below 95% to avoid the power factor adjustment.~~

~~Should the City of Palo Alto Utilities Department find that the Customer's Service should be subject to power factor adjustments, the Customer will be removed from the E-7 TOU rate schedule and placed on another applicable rate schedule as is suitable to their kilowatt Demand and kilowatt-hour usage.~~

### **65. Changing Rate Schedules**

Customers electing to be served under E-7 TOU must remain on said Rate Schedule for a minimum of 12 months. Should the Customer so wish, at the end of 12 months, the Customer may request a Rate Schedule change to any applicable City of Palo Alto full-service Rate Schedule as is suitable to their kilowatt Demand and kilowatt-hour usage.

### **67. 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 ~~2.8~~<sup>1/2</sup> percent for available line voltages above 2 kilovolts will be offered, but 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, as determined in the City's sole discretion. The City retains the right to change its line voltage at any time after providing reasonable advance notice to any Customer receiving the discount in this section. 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.

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CITY OF  
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Supersedes Sheet No E-7-TOU-4  
dated 7-1-202~~3~~<sup>2</sup>

Sheet No E-7-TOU-4  
Effective 7-1-202~~3~~<sup>4</sup>

**LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

UTILITY RATE SCHEDULE E-7 TOU

**78. Standby Charge**

a. Applicability: The standby charge, subject to the exemptions in subsection D(8)(e), applies to Customers that have a non-utility generation source interconnected on the Customer’s side of the City’s revenue Meter and that occasionally require backup power from the City due to non-operation of the non-utility generation source.

b. Standby Charges:

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
Summer Period	<del>\$9.160.84</del>	<del>\$12.5528.41</del>	<del>\$13.3937.57</del>
Winter Period	<del>\$0.0072</del>	<del>\$25.006.04</del>	<del>\$25.006.76</del>

c. Meters. A separate Meter is required for each non-utility generation source.

d. Calculation of Maximum Demand Credit.

(1) In the event the Customer’s Maximum Demand occurs when one or more of the non-utility generators on the Customer’s side of the City’s revenue Meter are not operating, the Maximum Demand will be reduced by the sum of the Maximum Generation of those non-utility generators, but in no event shall the Customer’s Maximum Demand be reduced below zero.

(2) If the non-utility generation source does not operate for an entire billing cycle, the standby charge does not apply and the Customer shall not receive the Maximum Demand credit described in this Section.

e. Exemptions.

(1) The standby charge shall not apply to backup generators designed to operate only in the event of an interruption in utility Service and which are not used to offset Customer electricity purchases.

(2) The standby charge shall not apply if the Customer meets the definition of an “Eligible Customer-generator” as defined in California Public Utilities Code Section 2827(b)(4) , as



**LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE**

**UTILITY RATE SCHEDULE E-7 TOU**

amended.

(3) The applicability of these exemptions shall be determined at the discretion of the Utilities Director.

*{End}*

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Supersedes Sheet No E-7-TOU-6  
dated 7-1-2023<sup>2</sup>

Sheet No E-7-TOU-6  
Effective 7-1-2024<sup>3</sup>

**STREET LIGHTS**

UTILITY RATE SCHEDULE E-14

**A. APPLICABILITY:**

This Rate Schedule applies to all street and highway lighting installations, which CPAU elects to operate and maintain.

**B. TERRITORY:**

Within the incorporated limits of the City of Palo Alto and on land owned or leased by the City.

**C. RATES:**

**Per Lamp Per Month**  
Class A: CPAU supplies electricity and switching service only.

Lamp Rating:

High Pressure Sodium Vapor Lamps

100 watts	<del>5.60</del> 6.21
200 watts	<del>10.34</del> 11.46
250 watts	<del>12.70</del> 14.08
310 watts	<del>15.72</del> 17.42
400 watts	<del>20.24</del> 22.43

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**CITY OF PALO ALTO UTILITIES**

Issued by the City Council

Supersedes Sheet No. E-14-1  
dated 7-1-20~~22~~19



Sheet No. E-14-1  
Effective 7-1-202~~2~~4

# STREET LIGHTS

## UTILITY RATE SCHEDULE E-14

### **Per Lamp Per Month –**

Class C: CPAU supplies electricity and switching and maintains lighting system, including lamps and glassware.

#### Lamp Rating:

##### Mercury-Vapor Lamps

400 watts

32.33 ~~35.83~~

##### High Pressure Sodium Vapor Lamps

70 watts

29.75 ~~32.97~~

100 watts

31.17 ~~34.55~~

150 watts

33.54 ~~37.17~~

250 watts

38.27 ~~42.42~~

##### Light Emitting Diode (LED) Lamps

70 watts-equivalent

26.60 ~~29.48~~

100 watts-equivalent

27.68 ~~30.68~~

150 watts-equivalent

28.66 ~~31.77~~

250 watts

31.38 ~~34.78~~

#### **D. SPECIAL CONDITIONS:**

1. Type of Service: This Rate Schedule applies to series, multiple, and single lamp street lighting systems to which CPAU delivers Service at secondary voltage. Unless a variation is approved by CPAU in its sole discretion, Service to street lighting systems will be delivered at 120/240 volts, three-wire, single-phase or 120/208 volt three-wire, single phase from star-connected poly-phase lines. Single phase service from 480-volt sources will be available in certain areas at CPAU's discretion. All voltages stated herein are nominal, and reasonable variations may occur. New lights will normally be installed as multiple lamp systems with a single Service point or single lamp with and individual Service point.

2. Point of Delivery: Delivery will be made to the Customer's system at a Service point or at points designated by CPAU. CPAU will furnish the Service connection to one point for each lamp or group

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#### **CITY OF PALO ALTO UTILITIES**

Issued by the City Council

Supersedes Sheet No. E-14-2  
dated 7-1-2022~~19~~



Sheet No. E-14-2  
Effective 7-1-2024~~2~~

## STREET LIGHTS

### UTILITY RATE SCHEDULE E-14

of lamps, provided the Customer has designed the system to include the minimum number of delivery points. CPAU will make all underground connections to CPAU's system at the Customer's expense.

3. Switching: CPAU will perform switching (on CPAU's side of the points of delivery) at no Charge, provided there are at least 10 kilowatts of lamp load on each circuit separately switched, including all lamps on the circuit whether served under this Rate Schedule or not. An extra charge of \$2.50 per month will be made for each circuit separately switched unless such switching installation is made for CPAU's convenience.

4. Annual Burning Schedule: The rates in this Rate Schedule apply to lamps which will be turned on and off once each night in accordance with a regular burning schedule approved by CPAU and not exceeding 4,100 hours per year.

5. Maintenance: The Class C rates in this Rate Schedule include all labor necessary for replacement of glassware, including inspection and cleaning. Maintenance of glassware by CPAU is limited to standard glassware that is commonly used and manufactured in reasonably large quantities, as determined by CPAU in its sole discretion. The Class C rates include maintenance of circuits between lamp posts and of circuits and equipment in and on the posts, provided these are all of good standard construction as determined by CPAU. CPAU in its sole discretion may decline to grant Class C rates for maintenance of systems with non-standard glassware, or inadequate circuitry and equipment. Class C rates applied to any agency other than the City of Palo Alto also include painting of posts with one coat of good ordinary paint, as determined by CPAU to be needed to maintain good appearance. Maintenance does not include replacement of posts damaged by third parties or acts of nature.

6. System Owned In-Part by CPAU: If CPAU agrees to a Customer's request for CPAU to install, own, or maintain any portion of the lighting fixtures, supports, and/or interconnecting circuits, the Customer shall be responsible for an extra monthly Charge of one and one-fourth percent of CPAU's contribution to the cost of the street lighting system.

7. Rates For Lamps Not on this Rate Schedule: In the event a Customer installs a lamp which is not represented on this Rate Schedule, CPAU will prepare an interim rate reflecting CPAU's estimated costs associated with the specific lamp. This interim rate will serve as the effective rate for billing purposes until the new lamp rating is added to Rate Schedule E-14.

*{End}*

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### CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No. E-14-3  
dated 7-1-20~~22~~<sup>19</sup>



Sheet No. E-14-3  
Effective 7-1-202~~2~~<sup>4</sup>

**NET METERING NET SURPLUS ELECTRICITY COMPENSATION**

UTILITY RATE SCHEDULE E-NSE-1

**A. APPLICABILITY:**

This Rate Schedule applies to eligible residential and small commercial Net Energy Metering Customers who, at the end of an annual settlement period, as described in Rule 29, are Net Surplus Customer-Generators of electricity who elect to receive monetary compensation as such preference is indicated on the net surplus electricity election form. This Rate Schedule only applies to Customers who participate in Net Energy Metering, and does not apply to Customers that take service under the City’s Net Energy Metering Successor Rate, as each of these terms are defined in Rule and Regulation 2.

**B. TERRITORY:**

This rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. RATES:**

Per kWh

Net Surplus Electricity Compensation rate \$ ~~0.1535~~ 0.1427

**D. SPECIAL CONDITIONS**

1. Net Surplus Electricity Compensation Rate eligibility shall be determined as specified in Rule 29. Net surplus electricity, as specified in Rule 29, if applicable, will be multiplied by the above compensation rate to determine the Customer’s annual net surplus electricity compensation stated in dollars.
2. Additional terms, conditions and definitions govern Net Energy Metering Service and Interconnection, as described in Rule 29.

*{End}*

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**CITY OF PALO ALTO UTILITIES**

Issued by the City Council

Supersedes Sheet No. E-NSE-1  
dated 07-01-202~~3~~2



Sheet No. E-NSE-1  
Effective 7-1-202~~3~~4

**EXPORT ELECTRICITY COMPENSATION**

UTILITY RATE SCHEDULE E-EEC-1

**A. APPLICABILITY:**

This Rate Schedule applies in conjunction with the otherwise applicable Rate Schedules for each Customer class. This Rate Schedule may not apply in conjunction with any time-of-use Rate Schedule. This Rate Schedule applies to Customer-Generators as defined in Rule and Regulation 2 who are either not eligible for Net Energy Metering or who are eligible for Net Energy metering but elect to take Service under this Rate Schedule.

**B. TERRITORY:**

This rate schedule applies everywhere the City of Palo Alto provides Electric Service.

**C. RATE:**

The following compensation rate shall apply to all electricity exported to the grid.

Per kWh

Export electricity compensation rate \$ ~~0.1420~~ 0.1685

**D. SPECIAL CONDITIONS**

1. Metering equipment: Electricity delivered by CPAU to the Customer-Generator or received by CPAU from the Customer-Generator shall be measured using a Meter capable of registering the flow of electricity in two directions (aka “bidirectional meter”). The electrical power measurements will be used for billing the Customer-Generator. CPAU shall furnish, install and own the appropriate Meter.
2. Billing:
  - a. CPAU shall measure during the billing period, in kilowatt-hours, the electricity delivered and received after the Customer-Generator serves its own instantaneous load.
  - b. CPAU shall bill the Customer-Generator consumption charges for the electricity delivered by CPAU to the Customer-Generator based on the Customer-Generator’s applicable Rate Schedule.
  - c. In the event the electricity generated exceeds the electricity consumed and therefore is received by CPAU, the Customer will receive a credit for all electricity received by CPAU at the buyback Rate designated in section C above.

*{End}*

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**CITY OF PALO ALTO UTILITIES**

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