

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	\$	\$	\$	\$
	<u>0.103730</u>	<u>0.095930</u>	<u>0.006040</u>	<u>0.205700</u>
	70	42		61
Tier 2 usage	<u>0.133720</u>	<u>0.089680</u>	<u>0.006040</u>	<u>0.229440</u>
Any usage over Tier 1	40	79		68
<u>Customer Charge</u> <u>(\$/month)</u>				<u>5.154.64</u>

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 kWh per day, prorated by Meter reading days of Service. As an example, for a 30-day bill, the Tier 1 level would be 450 kWh. For further discussion of bill calculation and proration, refer to Rule and Regulation 11.

{End}

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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. 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	0.150750 26	0.108060 35	\$ 0.006040 00549	0.264850 5210
Winter Period	0.093340 42	0.073520 23	0.006040 00549	0.172900 6414
<u>Customer Charge (\$/month)</u>				6.225 60

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

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RESIDENTIAL MASTER-METERED AND SMALL NON-RESIDENTIAL ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-2

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.

{End}

CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No E-2-2
dated 7-1-202~~4~~3



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

**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 participate in the Palo Alto Green Program:

1. 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	0.150750 926	0.108060 735	0.006040 00549	\$ 0.0075	0.272350 25960
Winter Period	0.093340 242	0.073520 623	0.006040 00549	0.0075	0.171648 40
<u>Customer Charge (\$/month)</u>					6.225 60

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	0.150750 926	0.108060 735	0.006040 00549	0.2521026 485
Winter Period				

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

UTILITY RATE SCHEDULE E-2-G

	0.093340-09	0.073520-06	0.006040-	0.172900-
	242	623	00549	16414
<u>Customer Charge</u> <u>(\$/month)</u>				<u>6.225-60</u>
Palo Alto Green Charge (per 1000 kWh block)				\$ <u>7.50</u>

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 City of Palo Alto Utilities Department 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 CPAU purchase a specific number of 1000 kilowatt-hour (kWh) blocks of RECs. CPAU will charge the Customer the Palo Alto Green Charge for each such requested block. 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 encourages new development of wind and solar power.

Customers choosing to participate shall fill out a Palo Alto Green Power Program

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

UTILITY RATE SCHEDULE E-2-G

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.

{End}

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Issued by the City Council

Supersedes Sheet No E-2-G-3
dated 7-1-202~~4~~3



Sheet No **E-2-G-3**
Effective 7-1-202~~4~~5

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 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)	\$ 11.09 ^{10.98}	\$ 38.08 ^{34.31}		\$ 49.17 ^{45.29}
Energy Charge (per kWh)	0.1244 ^{0.123} 18	0.02797 ^{0.025} 20	0.00604 ^{0.00} 549	0.15842 ^{0.1538} 7
<u>Winter Period</u>				
Demand Charge (per kW)	\$ 2.60 ^{2.57}	\$ 23.49 ^{21.16}		\$ 26.09 ^{23.73}
Energy Charge (per kWh)	0.08028 ^{0.079} 49	0.02797 ^{0.025} 20	0.00604 ^{0.00} 549	0.11429 ^{0.1101} 8
Customer Charge (\$/month)				<u>126.24</u> ^{113.73}

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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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. 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.

5. 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

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UTILITY RATE SCHEDULE E-4

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.

6. 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	8.508.41	\$ 38.0834.31	\$ 46.5842.72
Winter Period	\$0.00	\$ 23.4921.16	\$ 23.4921.16

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.

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MEDIUM NON-RESIDENTIAL ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-4

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}

CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No E-4-4
dated 7-1-202~~4~~3



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

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 and who choose to participate in the Palo Alto Green Program.

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)	\$ 11.09 ^{10.98}	\$ 38.08 ^{34.31}			49.17 ^{45.29}
Energy Charge (per kWh)	0.1244 ^{0.12318}	0.02797 ^{0.02520}	0.00604 ^{0.00549}	0.0075	0.1659 ^{0.16137}
<u>Winter Period</u>					
					\$
Demand Charge (per kW)	\$ 2.60 ^{2.57}	\$ 23.49 ^{21.16}			26.09 ^{23.73}
Energy Charge (per kWh)	0.0802 ^{0.07949}	0.02797 ^{0.02520}	0.00604 ^{0.00549}	0.0075	0.11768
Customer Charge (\$/month)					126.24 ^{113.73}

CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No E-4-G-1
dated 7-1-202~~3~~⁴



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

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)	\$ 11.09 <u>10.98</u>	38.08 <u>34.31</u>		49.17 <u>45.29</u>
Energy Charge (per kWh)	0.1244 <u>10.12</u> 318	0.0279 <u>70.02</u> 520	0.0060 <u>40.</u> 00549	0.1584 <u>20.</u> <u>15387</u>
Palo Alto Green Charge (per 1000 kWh block)				\$7.50
<u>Winter Period</u>				
				\$
Demand Charge (per kW)	\$ 2.60 <u>2.57</u>	23.49 <u>21.16</u>		\$ 23.73
Energy Charge (per kWh)	0.0802 <u>80.07</u> 949	0.0279 <u>70.02</u> 520	0.0060 <u>40.</u> 00549	0.1142 <u>90.</u> <u>11018</u>
Palo Alto Green Charge (per 1000 kWh block)				\$7.50
Customer Charge (\$/month)				126.24 <u>113.73</u>

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 practicable and thereafter continued in Service until the monthly use of energy has dropped

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UTILITY RATE SCHEDULE E-4-G

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. 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.

5. Palo Alto Green Program Description and Participation

Palo Alto Green Service includes the purchase by the City of Palo Alto Utilities Department 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 CPAU purchase a specific number of 1000 kilowatt-hour (kWh) blocks of RECs. CPAU will charge the Customer the Palo Alto Green Charge for each such requested block. 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.

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 2.5 percent for available line voltages above 2 kilovolts will be

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UTILITY RATE SCHEDULE E-4-G

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.

b. **Standby Charges:**

	<u>Commodity</u>	<u>Distribution</u>	<u>Total</u>
Standby Charge (per kW of Reserved Capacity)			
	\$		
Summer Period	8.508.41	\$ 38.0834.31	\$ 46.5842.72
Winter Period	\$0.00	\$23.4921.16	\$23.4921.16

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.

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UTILITY RATE SCHEDULE E-4-G

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}

CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No E-4-G-5
dated 7-1-202~~3~~4



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

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 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)				
Peak	\$ 9.829 ⁷²	\$ 19.074 ¹⁸		\$ 28.892 ⁶⁹⁰
Max Demand	1.304 ²⁹	19.074 ¹⁸		20.374 ⁸⁴⁷
Energy Charge (per kWh)				
	\$	\$	\$	\$
Peak	0.17208 ^{0.17038}	0.02817 ^{0.02538}	0.00604 ^{0.00549}	0.20629 ^{0.20125}
Mid-Peak	0.14181 ^{0.14041}	0.02817 ^{0.02538}	0.00604 ^{0.00549}	0.17602 ^{0.17128}
Off-Peak	0.10662 ^{0.10556}	0.02817 ^{0.02538}	0.00604 ^{0.00549}	0.14083 ^{0.13643}
<u>Winter Period</u>				
Demand Charge (per kW)				
Peak	\$ 1.314 ³⁰	\$ 11.914 ^{0.73}		\$ 13.224 ^{2.03}
Max Demand	1.314 ³⁰	11.914 ^{0.73}		13.224 ^{2.03}

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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	0.120960 119	\$ 0.02775 76	0.006040 00549	0.154750 150
Mid-Peak	0.095470 094	0.027750 025	0.006040 00549	0.129260 125
Off-Peak	0.06590 065	0.027750 025	0.006040 00549	0.099690 095
Customer Charge (\$/month)	25	00	0.006040 00549	74
				<u>126.24</u> 113.73

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:	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. 9:00 p.m. to 11:00 p.m.	Monday through Friday (except holidays)
Off-Peak:	All other hours All day	Monday through Friday (except holidays) Saturday, Sunday, and holidays

Demand

Peak:	4:00 p.m. to 9:00 p.m.	Monday through Friday (except holidays)
Max Demand:	All hours	Every day

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

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MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-4 TOU

Energy

Peak:	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:	All other hours All day	Monday through Friday (except holidays) Saturday, Sunday, and holidays

Demand

Peak:	4:00 p.m. to 9:00 p.m.	Monday through Friday (except holidays)
Max Demand:	All hours	Every day

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

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. 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

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MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-4 TOU

Schedule as is suitable to their kilowatt Demand and kilowatt-hour usage.

5. 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 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.

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	8,508.41	\$ 38,0834.31	\$ 46,5842.72
Winter Period	\$0.00	\$23,4921.16	\$23,4921.16

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.

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MEDIUM NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-4 TOU

- (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}

CITY OF PALO ALTO UTILITIES

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Supersedes Sheet No E-4-TOU-5
dated 7-1-202~~4~~3



Sheet No **E-4-TOU-5**
Effective 7-1-202~~4~~5

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>Commodity</u>	<u>Distribution</u>	<u>Public Benefits</u>	<u>Total</u>
<u>Summer Period</u>				
Demand Charge (kW)	\$ 12.07 ^{11.95}	\$ 31.54 ^{28.41}		\$- 43.61 ^{40.36}
Energy Charge (kWh)	0.1278 ^{0.126} 59	0.0040 ^{0.0036} 20	0.0060 ^{40.005} 49	0.1379 ^{0.1357} 20
<u>Winter Period</u>				
Demand Charge (kW)	\$ 2.82 ^{2.79}	\$- 27.75 ^{25.00}		\$ 30.57 ^{27.79}
Energy Charge (kWh)	0.0797 ^{0.078} 94	0.0039 ^{0.0035} 30	0.0060 ^{40.005} 49	0.0897 ^{0.0879} 70
Customer Charge (\$/month)				578.08 ^{520.80}

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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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~~4~~3



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

LARGE NON-RESIDENTIAL ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-7

5. 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.

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 2.8 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.

7. 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>9.259.16</u>	<u>\$ 31.5428.41</u>	<u>\$ 40.7937.57</u>
Winter Period	\$0.00	<u>\$27.7525.00</u>	<u>\$27.7525.00</u>

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

d. **Calculation of Maximum Demand Credit.**

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LARGE NON-RESIDENTIAL ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-7

(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.

(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-7-4
dated 7-1-202~~4~~3



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

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 participate in the Palo Alto Green Program.

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)	12.0741.95	\$ 31.5428.41	0.006040.		43.6140.
	<u>0.127860.12</u>	<u>0.004020.00</u>	<u>0.006040.</u>		<u>36</u>
Energy Charge (per kWh)	659	362	00549	0.0075	0.14542
					<u>0.14320</u>
<u>Winter Period</u>					
					\$
Demand Charge (per kW)	\$ 2.822.79	\$ 27.7525.00	0.006040.		30.5727.
	<u>0.079730.07</u>	<u>0.003930.00</u>	<u>0.006040.</u>		<u>79</u>
Energy Charge (per kWh)	894	354	00549	0.0075	0.09720
					<u>0.09547</u>
Customer Charge (\$/month)				<u>578.08520.80</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)	12.0711.95	\$ 31.5428.41		43.6140.36
Energy Charge (per kWh)	0.127860.12	0.004020.00	0.006040.00549	0.13792
Palo Alto Green Charge (per 1000 kWh block)	659	362		0.13570
				\$ 7.50
<u>Winter Period</u>				
				\$
Demand Charge (per kW)	\$ 2.822.79	\$ 27.7525.00		30.5727.79
Energy Charge (per kWh)	0.079730.07	0.003930.00	0.006040.00549	0.08970
Palo Alto Green Charge (per 1000 kWh block)	894	354		0.08797
				\$7.50
Customer Charge (\$/month)				578.08520.80

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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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. 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

6. Palo Alto Green Program Description and Participation

Palo Alto Green Service includes the purchase by the City of Palo Alto Utilities Department 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 CPAU purchase a specific number of 1000 kilowatt-hour (kWh) blocks of RECs. CPAU will charge the Customer the Palo Alto Green Charge for each such requested block. 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.

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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.

7. 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 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.

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	9.259 ¹⁶	31.5428 ⁴¹	40.7937 ⁵⁷
Winter Period	\$0.00	27.7525 ⁰⁰	27.7525 ⁰⁰

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

d. **Calculation of Maximum Demand Credit:**

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LARGE NON-RESIDENTIAL GREEN POWER ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-7-G

(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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Issued by the City Council

Supersedes Sheet No E-7-G-5
dated 7-1-202~~4~~3



Sheet No **E-7-G-5**
Effective 7-1-202~~4~~5

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.

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	\$ 11.39 ^{11.28}	\$ -16.33 ^{-14.71}		\$ -27.72 ^{-25.99}
Max Demand	1.46 ^{1.45}	16.33 ^{14.71}		17.79 ^{16.16}
Energy Charge (per kWh)				
Peak	\$ 0.1819 ^{0.18019}	\$ 0.0040 ^{0.00362}	\$ 0.0060 ^{0.00549}	\$ 0.1920 ^{0.18930}
Mid-Peak	0.1499 ^{0.14850}	0.0040 ^{0.00362}	0.0060 ^{0.00549}	0.1600 ^{0.15761}
Off-Peak	0.1127 ^{0.11164}	0.0040 ^{0.00362}	0.0060 ^{0.00549}	0.1228 ^{0.12075}
<u>Winter Period</u>				
Demand Charge (per kW)				
Peak	\$ -1.46 ^{-1.45}	\$ -14.42 ^{-12.99}		\$ -15.88 ^{-14.44}
Max Demand	1.46 ^{1.45}	14.42 ^{12.99}		15.88 ^{14.44}
Energy Charge (per kWh)				
Peak	\$ 0.1222 ^{0.12104}	\$ 0.0039 ^{0.00354}	\$ 0.0060 ^{0.00549}	\$ 0.1322 ^{0.13007}
Mid-Peak	0.0964 ^{0.09552}	0.0039 ^{0.00354}	0.0060 ^{0.00549}	0.1064 ^{0.10455}

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LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-7 TOU

Off-Peak	0.066600.06	594	0.003930.00354	0.006040.00549	0.076570.07497
Customer Charge (\$/month)					<u>578.08520.80</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 pm to 9:00 p.m.	Monday through Friday (except holidays)
Mid Peak:	2:00 p.m. to 4:00 p.m. 9:00 p.m. to 11:00 p.m.	Monday through Friday (except holidays)
Off-Peak:	All other hours All day	Monday through Friday (except holidays) Saturday, Sunday, and holidays

Demand

Peak:	4:00 p.m. to 9:00 p.m.	Monday through Friday (except holidays)
Max Demand:	All hours	Every day

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

Energy

Peak:	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)

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LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-7 TOU

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

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

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.

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LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-7 TOU

5. 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.

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 2.8 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.

7. 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	9.259.16	\$ 31.5428.41	\$ 40.7937.57
Winter Period	\$0.00	\$27.7525.00	\$27.7525.00

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

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LARGE NON-RESIDENTIAL ELECTRIC TIME OF USE SERVICE

UTILITY RATE SCHEDULE E-7 TOU

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}

CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No E-7-TOU-5
dated 7-1-202~~4~~3



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

STREET LIGHTS

UTILITY RATE SCHEDULE E-14

A. APPLICABILITY:

This Rate Schedule applies to all street and highway lighting installations ranging in voltages from 120 to 480 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 _____

CITY OF PALO ALTO UTILITIES

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



Sheet No. E-14-1
Effective 7-1-202~~4~~5

STREET LIGHTS

UTILITY RATE SCHEDULE E-14

~~\$ Per Lamp Per Month~~

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

Lamp Rating:

Street Lights

Mercury-Vapor Lamps

400 watts

53.53 ~~48.29~~

High Pressure Sodium Vapor Lamps

70 watts

35.37 ~~31.90~~

100 watts

45.35 ~~40.92~~

150 watts

62.00 ~~55.94~~

250 watts

95.30 ~~85.99~~

Light Emitting Diode (LED) Lamps

70 watts-equivalent

13.27 ~~11.96~~

100 watts-equivalent

20.83 ~~18.79~~

150 watts-equivalent

27.80 ~~25.07~~

175 watts-equivalent

31.43 ~~28.35~~

250 watts

46.87 ~~42.28~~

Traffic Signals

12" Head Total (Red Yellow Green)

27.12 ~~24.45~~

8" Head Total (RYG)

23.55 ~~21.22~~

12" Arrow Total (RYG)

25.49 ~~22.97~~

12" Beacon

10.19 ~~9.19~~

Pedestrian Head

9.36 ~~8.44~~

Controller

20.05 ~~18.10~~

Speed Signs

92.73 ~~83.74~~

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D. SPECIAL CONDITIONS:

1. 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 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.
2. 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.
3. 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.
4. Maintenance: The 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 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 rates for maintenance of systems with non-standard glassware, or inadequate circuitry and equipment. 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.
5. 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}

CITY OF PALO ALTO UTILITIES

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UNMETERED ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-16

A. APPLICABILITY:

This rate schedule is applicable under the terms and conditions of the City of Palo Alto Utilities Department to Customers who contract with the City for unmetered electric service for billboards, unmetered telephone services, telephone booths, railroad signals, cathodic protection units, traffic cameras, wireless antenna and related equipment, community antenna television and video systems, cable TV power supplies, and automatic irrigation systems and also applies to other miscellaneous Electric Utility fees to various public agencies and private entities.

B. TERRITORY:

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

C. NET MONTHLY BILL:

1. Customer Charge using annual SEIU salary schedule: ~~\$9.00~~7.31 per month
2. Energy Charge:
(for all kWh supplied) using Electric Rate Schedule E2 plus all applicable riders
3. Minimum Charge:
Minimum monthly charge will be the Customer Charge.

D. DETERMINATION OF ENERGY REQUIREMENTS:

- a. Initial Inventory
Customer shall enter into a contract for service under this Schedule and provide a written inventory of all equipment at each of service requested, including the type and nameplate rating for each piece of equipment. The billing energy for each point of service will be determined by the Utilities Electric Engineering Division estimation of the kWh usage based on the type, rating and quantity of the equipment provided by the Customer.

Monthly bill will be based on the following calculations:

1. Total Wattage.
2. Total Wattage times estimated annual operating hours as set in the contract equals annual watt hours.
3. Annual watt hours divided by 1000 hours equals annual kilowatt hours (kWh)

CITY OF PALO ALTO UTILITIES

Issued by the City Council



UNMETERED ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-16

4. Annual kWh divided by twelve (12) months equal monthly kWh.
 5. Monthly kWh times current rate per kWh = monthly bill for each unmetered service location or equipment.
- b. **Updating Inventory**
Customer will update its inventory by informing the Utilities Electric Engineering Division in writing of changes in type, rating and/or quantity of equipment as such changes occur, and billings will be adjusted accordingly. Upon Utilities Electric Engineering Division request, but no later than the one year anniversary of the date on which Customer first takes service, Customer shall provide an updated inventory of all equipment at each point of service.
- c. **Test Metering**
The Utilities Electric Engineering Division may, at its discretion, test meter the load at various types and ratings of the Customer's equipment to the extent necessary to verify the estimated kWh usage used for billing purpose and, where dictated by such test metering, Utilities Electric Engineering Division will make prospective adjustments in estimated usage for subsequent billing purposes; however, Utilities shall be under no obligation to test meter- the load of Customer's equipment. Utilities' decision not to test meter the load of Customer's equipment shall not release Customer from the obligation to provide to Utilities Electric Engineering Division, and to update, annually as provided in section b, an accurate inventory of the types, rating and quantities of equipment upon which billing is based.
- d. **Inspection**
The Utilities Electric Engineering Division shall endeavor to inspect the equipment at each point of service annually as close to the anniversary date of the contract as is practical, and make prospective adjustments in billing as indicated by such inspections; however, Utilities shall be under no obligation to conduct such inspections for the purpose of determining accuracy of billing or otherwise. Utilities decisions not to conduct such inspections shall not release Customer from the obligation to provide to Utilities Electric Engineering Division, and to update, an accurate inventory of the types, rating and quantities of equipment upon which billing is based.
- e. **Billing for Service**
As the service described in this schedule is unmetered, Customer agrees to pay amounts billed in accordance with the current inventory, regardless of whether any of the installations of the Customer's equipment were electrically operable during the period in

CITY OF PALO ALTO UTILITIES

Issued by the City Council

Supersedes Sheet No. E-16-2
dated 07-01-2016



Sheet No. **E-16-2**
Effective 7-1-202516

UNMETERED ELECTRIC SERVICE

UTILITY RATE SCHEDULE E-16

question and regardless of the cause of such equipment failure to operate.

E. MISCELLANEOUS RATES:

<u>Service Description</u>	<u>Rate *</u>
1. License Fee for Electric Conduit Usage	
(A) Exclusive use	\$ 1.94/ft/yr
(B) Non-Exclusive use	0.97/ft/yr
2. Processing Fee for Electric Conduit Usage	Actual Cost
3. License Fee for Utility Pole Attachments	
(A) 1 ft. of usable space	\$ 29.59 47.60/pole/yr
(B) 2 ft. of usable space	32.39 95.20/pole/yr
(C) 3 ft. of usable space	35.18 142.80/pole/yr
4 ft. of usable space	\$37.98/pole/yr
4. Processing Fee for Utility Pole Attachments	\$ 152 5.00/pole
5. License Fee for mounting communication equipment including distributed antenna systems on utility poles	
	\$ 329.44 270.00/pole/yr

* Rates are monthly unless otherwise indicated.

F. NOTES:

The fees set forth in Section E.1 through E.5, inclusive, are subject to adjustment annually in accordance with fluctuations in the Consumer Price Index (CPI), if any. The base for computing the adjustment is the Consumer Price Index for All Urban Consumers (CPI-U) for the San Francisco-Oakland-San Jose MSA, which is published by the U.S. Department of Labor, Bureau of Labor Statistics for the month of December of a base year, which falls within the year in which a master license agreement is signed by the City and the licensee. The adjustment shall be calculated, if there is an increase or decrease between December of a base year (when the rate(s) is/are first applicable) and December of any subsequent base year.

{End}

CITY OF PALO ALTO UTILITIES

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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~~ 0.1243

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}

CITY OF PALO ALTO UTILITIES

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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 Election A 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 \$ 0.1273 ~~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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Issued by the City Council

Supersedes Sheet No. E-NSE-1
dated 07-01-202~~4~~3



Sheet No. E-NSE-1
Effective 7-1-202~~5~~4