

STREET LIGHTS

UTILITY RATE SCHEDULE E-14

A. APPLICABILITY:

This schedule applies to street and highway lighting installations owned by any governmental agency other than the City of Palo Alto.

B. TERRITORY:

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

C. RATES:

Per Lamp Per Month - Class A
Utility supplies energy and switching service only.

Burning Schedule:	kWh's Per Month All Night/Midnight	All Night	Midnight
Lamp Rating:			
<u>Mercury-Vapor Lamps</u>			
100 watts	42/20	\$ 12.08	\$ 8.92
175 watts	68/35	14.41	11.23
400 watts	154/71	29.66	22.87
<u>High Pressure Sodium Vapor Lamps</u>			
120 volts			
70 watts	29/15	10.59	7.43
100 watts	41/20	14.19	10.36
150 watts	60/30	18.43	15.48
240 volts			
70 watts	34/17	11.85	8.92
100 watts	49/25	15.48	11.23
150 watts	70/35	18.43	12.72
200 watts	90/45	20.55	16.31
250 watts	110/55	23.32	16.51
310 watts	134/167	27.32	21.60
400 watts	167/84	33.47	24.78
<u>Fluorescent Lamps</u>			
40 watts	15/8	4.46	3.60

CITY OF PALO ALTO UTILITIES

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CITY OF PALO ALTO
UTILITIES

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Sheet No. **E-14-1**

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Per Lamp Per Month - Class C

Utility supplies energy and switching service and maintains entire system, including lamps and glassware.

Burning Schedule:	kWh's Per Month All Night/Midnight	All Night	Midnight
Lamp Rating:			
<u>Mercury-Vapor Lamps</u>			
100 watts	42/20	\$ 13.56	\$ 10.36
175 watts	68/35	16.31	12.91
250 watts	97/49	20.32	15.70
400 watts	154/71	30.29	23.32
<u>Incandescent Lamps</u>			
189 watts (2,500 L)	65/32	14.41	11.46
295 watts (4,000 L)	101/5	18.43	14.41
405 watts (6,000 L)	139/70	23.32	19.27
620 watts (10,000 L)	212/106	32.42	26.88
<u>Fluorescent Lamps</u>			
25 watts	12/6	5.30	4.04
40 watts	15/8	5.49	4.46
55 watts	18/9	6.36	4.68
<u>High Pressure Sodium Vapor Lamps</u>			
120 volts			
70 watts	29/15	11.02	7.84
100 watts	41/20	14.82	10.81
150 watts	60/30	19.06	15.91
240 volts			
70 watts	34/17	12.29	9.33
100 watts	49/25	16.09	11.85
150 watts	70/35	19.06	13.35
200 watts	90/45	21.18	16.94
250 watts	110/55	23.74	17.38

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D. SPECIAL CONDITIONS:

1. Type of Service: This schedule is applicable to series circuit and multiple street lighting systems to which the Utility will deliver current at secondary voltage. Unless otherwise agreed, multiple current will be delivered at 120/240 volts, three-wire, single-phase. In certain localities the Utility may supply service from 120/208 volt star-connected poly-phase lines in place of 240-volt service. Single phase service from 480-volt sources will be available in certain areas at the option of the Utility when this type of service is practical from the Utility's engineering standpoint. All currents and voltages stated herein are nominal, reasonable variations being permitted. New lights will normally be supplied as multiple systems.
2. Point of Delivery: Delivery will be made to the customer's system at a point or at points mutually agreed upon. The Utility will furnish the service connection to one point for each group of lamps, provided the customer has arranged his system for the least practicable number of points of delivery. All underground connections will be made by the customer or at the customer's expense.
3. Switching: Switching will be performed by the Utility (on the Utility's side of points of delivery) and no charge will be made for switching 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 schedule or not; otherwise, an extra charge of \$2.50 per month will be made for each circuit separately switched unless such switching installation is made for the Utility's convenience or the customer furnishes the switching facilities and, if installed on the Utility's equipment, reimburses the Utility for installing and maintaining them.
4. Annual Burning Schedule: The above rates apply to lamps which will be turned on and off once each night in accordance with a regular burning schedule agreeable to the customer but not exceeding 4,100 hours per year for all-night service and 2,050 hours per year for midnight service.
5. Maintenance: The rates under Class C include all labor necessary for replacement of glassware and for inspection and cleaning of the same. Maintenance of glassware by the Utility is limited to standard glassware such as is commonly used and manufactured in reasonably large quantities. A suitable charge will be made for maintenance of glassware of a type entailing unusual expense. Under Class C, 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; otherwise, the Utility may decline to grant Class C rates. Class C rates applied to

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Sheet No. **E-14-4**

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any agency other than the City of Palo Alto also include painting of posts with one coat of good ordinary paint as required to maintain good appearance but do not include replacement of posts broken by traffic accidents or otherwise.

6. Multilamp Electroliers: The above charges are made on per-lamp basis. For posts supporting one or more lamps, where the lamps are less than nine feet apart, the above charges for Class C will be reduced by 6 percent (6%) computed to the nearest whole cent, for all lamps other than the first one.
7. Operating Schedules Other Than All-Night and Midnight: Rates for regular operating schedules other than all-night and midnight will be the midnight rates plus or minus one-eleventh of the difference between the midnight and the all-night rate, computed to the nearest whole cent, for each half hour per night more or less than midnight service. This adjustment will apply only to lamps on regular operating schedules which do not exceed 4,500 hours per year.
8. Street Light Lamps, Standard and Nonstandard Ratings: The rates for incandescent lamps under Class A are applicable for service to regular street lamps only and must be increased by 6 percent, computed to the nearest whole cent, for service to group-replacement street lamps. The rates under Class C are applicable to both regular and group-replacement street lamps.
9. Continuous Operation: The rate for continuous 24-hour operation under Class A service will be twice the all-night rate.
10. System Owned In-Part by Utility: Where, at customer's request, the Utility installs, owns, and maintains any portion of the lighting fixtures, supports, and/or interconnecting circuits, an extra monthly charge of one and one-fourth percent of the Utility's estimate of additional investment shall be made.
11. Rates For Lamps Not on Schedule: In the event a customer installs a lamp which is not presently represented on this schedule, the Utility will prepare an interim rate reflecting the Utility's estimated costs associated with the specific lamp size. This interim rate will serve as the effective rate for billing purposes until the new lamp rating is added to Schedule E-14.

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