



**Schedule OL-1**  
**OUTDOOR AREA LIGHTING SERVICE - UNMETERED SERVICE**

Sheet 1

**APPLICABILITY**

Applicable to outdoor area lighting service, other than street and highway lighting service, supplied from overhead lines where SCE owns and maintains the area lighting equipment. Service will be furnished only where the installation is considered by SCE to be of a permanent and established character.

Lamp Type - New Installations: Beginning November 1, 2018, the LED Lamp Type is the standard luminaire offering for all new Standard Installations. Prior Lamp Type offerings - High Pressure Sodium Vapor, Low Pressure Sodium Vapor, and Metal Halide are closed to new installations.

Distribution Pole-Mounted Discount:

Customers meeting the eligibility criteria outlined in Special Condition 10, may elect to receive a Distribution Pole-Mounted Discount for eligible streetlighting facilities.

**TERRITORY**

Within the entire territory served.

**RATES**

	Delivery Service							Generation <sup>9</sup>		
	Trans <sup>1</sup>	Distrbtn <sup>2</sup>	NSGC <sup>3</sup>	NDC <sup>4</sup>	PPPC <sup>5</sup>	DWRBC <sup>6</sup>	PUCRF <sup>7</sup>	Total <sup>8</sup>	UG**	DWREC <sup>10</sup>
Energy Charge* - \$/kWh/Lamp/Month										
All Night Service	0.00974	0.04005 (I)	0.00501	(0.00050)	0.00327 (I)	0.00580	0.00130 (I)	0.06467 (I)	0.04826	(0.00007)
Midnight Service	0.00974	0.04005 (I)	0.00501	(0.00050)	0.00327 (I)	0.00580	0.00130 (I)	0.06467 (I)	0.04826	(0.00007)
All Night/Midnight Service Charge										
Mercury Vapor Lamps** - \$/Lamp/Month										
175 Watt		8.96						8.96		
400 Watt		9.70						9.70		
High Pressure Sodium Vapor Lamps** - \$/Lamp/Month										
50 Watt		8.94						8.94		
70 Watt		8.96						8.96		
100 Watt		8.96						8.96		
150 Watt		9.36						9.36		
200 Watt		9.69						9.69		
250 Watt		9.75						9.75		
400 Watt		9.69						9.69		
1000 Watt		0.00						0.00		
Low Pressure Sodium Vapor Lamps** - \$/Lamp/Month										
55 Watt		10.90						10.90		
90 Watt		11.51						11.51		
135 Watt		11.59						11.59		
180 Watt		11.61						11.61		
Metal Halide Lamps** - \$/Lamp/Month										
100 Watt		10.10						10.10		
175 Watt		10.06						10.06		
250 Watt		9.87						9.87		
400 Watt		10.19						10.19		
1,000 Watt		10.19						10.19		
HPSV Recommended (LED) - \$/lamp/month										
50 Watt		8.87						8.87		
70 Watt		8.87						8.87		
100 Watt		8.94						8.94		
150 Watt		9.45						9.45		
200 Watt		9.80						9.80		
250 Watt		10.06						10.06		
400 Watt		11.06						11.06		
1000 Watt		0.00						0.00		
Distribution Pole Mounted Discount (\$/Lamp/Month)								(4.46)		
Pole Charge - \$/pole/Month								2.03		

(Continued)

(To be inserted by utility)

Advice 4301-E  
Decision 20-04-013; 20-09-024;  
20-09-005; 20-09-023

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Resolution \_\_\_\_\_

Schedule OL-1 Sheet 2  
OUTDOOR AREA LIGHTING SERVICE - UNMETERED SERVICE

(Continued)

- \* The kilowatt hours used to determine the Energy Charge for the lamp types and sizes served under this Schedule are shown in the Special Conditions section, below.
- \*\* Closed to new installations as of November 1, 2018 for HPSV, LPSV, and MH lamp types.
- \*\*\* The ongoing Competition Transition Charge (CTC) of \$0.00059 per kWh is recovered in the UG component of Generation.
- 1 Trans = Transmission and the Transmission Owners Tariff Charge Adjustments (TOTCA) which are FERC approved. The TOTCA represents the Transmission Revenue Balancing Account Adjustment (TRBAA) of \$(0.00076) per kWh, Reliability Services Balancing Account Adjustment (RSBAA) of \$0.00000 per kWh, and Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$0.00419 per kWh.
- 2 Distribtn = Distribution
- 3 NSGC = New System Generation Charge
- 4 NDC = Nuclear Decommissioning Charge
- 5 PPPC = Public Purpose Programs Charge (includes California Alternate Rates for Energy Surcharge where applicable.)
- 6 DWRBC = Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is the Wildfire Fund Non-Bypassable (T) Charge which supports the California Wildfire Fund and is not applicable to exempt Customers pursuant to D.19-10-056. (T)
- 7 PUCRF = The PUC Reimbursement Fee is described in Schedule RF-E.
- 8 Total = Total Delivery Service rates are applicable to Bundled Service, Direct Access (DA) and Community Choice Aggregation Service (CCA Service) Customers, except DA and CCA Service Customers are not subject to the DWRBC rate component of this Schedule but instead pay the DWRBC as provided by Schedule DA-CRS or Schedule CCA-CRS.
- 9 Generation = The Generation rates are applicable only to Bundled Service Customers.
- 10 DWREC = Department of Water Resources (DWR) Energy Credit – For more information on the DWR Energy Credit, see the Billing Calculation Special Condition of this Schedule.

SPECIAL CONDITIONS

1. Kilowatthours for lamp Type and Size: The kilowatthours for the lamp types and sizes served under this Schedule used to determine the Energy Charge are shown below:

	<u>Nominal Lamp Rating</u>		<u>kWh Per Lamp Per Month*</u>	
	Average		A	B
	<u>Lamp Wattage</u>	<u>Initial Lumens</u>	<u>All Night Service</u>	<u>Midnight Service</u>
Mercury Vapor Lamps **				
175	7,900	74.520	39.074	
400	21,000	168.460	85.747	
High Pressure Sodium Vapor Lamps**				
50	4,000	20.010	10.492	
70	5,800	28.635	15.015	
100	9,500	40.365	21.165	
150	16,000	66.585	34.914	
200	22,000	84.870	44.501	
250	27,500	107.985	56.622	
400	50,000	167.325	87.737	

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Schedule OL-1 Sheet 3  
OUTDOOR AREA LIGHTING SERVICE-UNMETERED SERVICE

(Continued)

SPECIAL CONDITIONS (Continued)

1. Kilowatthours For Lamp Type and Size: (Continued) (L)

Low Pressure Sodium Vapor Lamps\*\* (N)

35	4,800	21.735	11.397
55	8,000	28.980	15.196
90	13,500	45.195	23.698
135	22,500	62.790	32.924
180	33,000	79.005	41.426

Metal Halide Lamps\*\* (N)

70	5,500	32.430	16.998
100	8,500	44.505	23.328
175	12,000	74.175	38.879
250	19,500	101.775	53.346
400	32,000	158.010	82.822
1000	100,000	372.600	195.300
1500	150,000	553.725	290.238

\* When an account has more than one lamp the total kWh will be the kWh per month lamp rating to three decimal places multiplied by the number of lamps.

\*\* Closed to new installations as of November 1, 2018 for HPSV, LPSV, and MH lamp types. (N)(L)

Light Emitting Diode (LED) Lamps (N)

Lamp Watts Including Driver Loss***	Lamps Watts Including Driver Loss Mid-Point Range****	kWh per Lamp per Month Multiple Service kWh*****	
		All Night	Midnight
0-5	2.50	0.9	0.5
5.01-10	7.50	2.6	1.4
10.01-15	12.50	4.3	2.3
15.01-20	17.50	6.0	3.2
20.01-25	22.50	7.8	4.1
25.01-30	27.50	9.5	5.0
30.01-35	32.50	11.2	5.9
35.01-40	37.50	12.9	6.8
40.01-45	42.50	14.7	7.7
45.01-50	47.50	16.4	8.6
50.01-55	52.50	18.1	9.5
55.01-60	57.50	19.8	10.4
60.01-65	62.50	21.6	11.3
65.01-70	67.50	23.3	12.2
70.01-75	72.50	25.0	13.1
75.01-80	77.50	26.7	14.0
80.01-85	82.50	28.5	14.9

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Schedule OL-1  
OUTDOOR AREA LIGHTING SERVICE-UNMETERED SERVICE

Sheet 4

(Continued)

SPECIAL CONDITIONS (Continued)

1. Kilowatthours For Lamp Type and Size: (Continued)

Light Emitting Diode (LED) Lamps

Lamp Watts Including Driver Loss***	Lamps Watts Including Driver Loss Mid-Point Range****	kWh per Lamp per Month Multiple Service kWh*****	
		All Night	Midnight
85.01-90	87.50	30.2	15.8
90.01-95	92.50	31.9	16.7
95.01-100	97.50	33.6	17.6
100.01-105	102.50	35.4	18.5
105.01-110	107.50	37.1	19.4
110.01-115	112.50	38.8	20.3
115.01-120	117.50	40.5	21.2
120.01-125	122.50	42.3	22.2
125.01-130	127.50	44.0	23.1
130.01-135	132.50	45.7	24.0
135.01-140	137.50	47.4	24.9
140.01-145	142.50	49.2	25.8
145.01-150	147.50	50.9	26.7
150.01-155	152.50	52.6	27.6
155.01-160	157.50	54.3	28.5
160.01-165	162.50	56.1	29.4
165.01-170	167.50	57.8	30.3
170.01-175	172.50	59.5	31.2
175.01-180	177.50	61.2	32.1
180.01-185	182.50	63.0	33.0
185.01-190	187.50	64.7	33.9
190.01-195	192.50	66.4	34.8
195.01-200	197.50	68.1	35.7
200.01-205	202.50	69.9	36.6
205.01-210	207.50	71.6	37.5
210.01-215	212.50	73.3	38.4
215.01-220	217.50	75.0	39.3
220.01-225	222.50	76.8	40.2
225.01-230	227.50	78.5	41.1
230.01-235	232.50	80.2	42.0
235.01-240	237.50	81.9	42.9
240.01-245	242.50	83.7	43.9
245.01-250	247.50	85.4	44.8
250.01-255	252.50	87.1	45.7
255.01-260	257.50	88.8	46.6
260.01-265	262.50	90.6	47.5

(Continued)

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Schedule OL-1  
OUTDOOR AREA LIGHTING SERVICE-UNMETERED SERVICE

Sheet 5

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SPECIAL CONDITIONS (Continued)

1. Kilowatthours For Lamp Type and Size: (Continued)

Light Emitting Diode (LED) Lamps

<u>Lamp Watts Including Driver Loss***</u>	<u>Lamps Watts Including Driver Loss Mid-Point Range****</u>	<u>kWh per Lamp per Month Multiple Service kWh*****</u>	
		<u>All Night</u>	<u>Midnight</u>
265.01-270	267.50	92.3	48.4
270.01-275	272.50	94.0	49.3
275.01-280	277.50	95.7	50.2
280.01-285	282.50	97.5	51.1
285.01-290	287.50	99.2	52.0
290.01-295	292.50	100.9	52.9
295.01-300	297.50	102.6	53.8
300.01-305	302.50	104.4	54.7
305.01-310	307.50	106.1	55.6
310.01-315	312.50	107.8	56.5
315.01-320	317.50	109.5	57.4
320.01-325	322.50	111.3	58.3
325.01-330	327.50	113.0	59.2
330.01-335	332.50	114.7	60.1
335.01-340	337.50	116.4	61.0
340.01-345	342.50	118.2	61.9
345.01-350	347.50	119.9	62.8
350.01-355	352.50	121.6	63.7
355.01-360	357.50	123.3	64.6
360.01-365	362.50	125.1	65.6
365.01-370	367.50	126.8	66.5
370.01-375	372.50	128.5	67.4
375.01-380	377.50	130.2	68.3
380.01-385	382.50	132.0	69.2
385.01-390	387.50	133.7	70.1
390.01-395	392.50	135.4	71.0
395.01-400	397.50	137.1	71.9

\*\*\* Lamp Wattage is based on the total wattage consumption of the lamp and driver.

\*\*\*\* The Mid-Point Range of the Lamp Watts including driver, is established by deducting 2.5 Watts from the highest wattage of the corresponding range in the "Lamp Watts Including Driver" column.

\*\*\*\*\* The energy use calculation for All Night Service is (Mid-Point Range watts) x (4,140 hours/12 months/1000). The same calculation is used for Midnight service except that the hours of service is replaced with 2,170 hours.

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Schedule OL-1  
OUTDOOR AREA LIGHTING SERVICE-UNMETERED SERVICE

Sheet 6 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

2. Service and Facilities Furnished: Service under this Schedule will be in accordance with SCE's specifications as to equipment, installation, maintenance, and operation. Facilities furnished will be SCE-owned luminaires mounted on existing SCE-owned wood poles as standard equipment. Not more than one new wood pole will be installed, and no more than one span of conductor per luminaire will be installed. For each additional new wood pole installed, the customer is billed the amounts shown in the RATES section, above. No new transformer capacity or primary distribution will be installed in order to provide this service. Service will be supplied from SCE's existing 120/240 volt overhead lines or, at the option of SCE, at 240/480 or 277/480 volts, three wire, single phase.
3. Hours of Service: Area all night lighting service will be furnished from dusk to dawn, approximately 4,140 hours per year. Midnight Service will be approximately 2,170 hours of service per year.
4. Replacement of Lamps: SCE will replace its lamps as soon as practicable after notification by the customer of lamp outage.
5. Contract: A written contract for a term of one year will be required by SCE when service is first established under this Schedule.
6. Restrictions:
  - a. Installations will not be made at locations where, in the opinion of SCE, there is an unreasonable exposure to accidental or malicious damage.
  - b. Installation will not be made at locations where, in the opinion of SCE, the lighting service may be objectionable to others. SCE reserves the right to discontinue service if, in its opinion, any installed equipment becomes objectionable to others.
7. Removal or Modification of Equipment: Where area lighting service and facilities were ordered removed or modified by a customer and such service and facilities, or their equivalent, are ordered reinstalled within 36 months from the date of the order to remove or to modify, the customer shall pay to SCE in advance of reinstallation a nonrefundable amount equal to the cost of removal or modifications of the prior facilities and the estimated cost of such reinstallation. Facilities removed or installed remain the sole property of SCE.
8. Other Than All Night Service: Where the customer requests the installation and/or removal of equipment in order to obtain Midnight Service, and such request is acceptable to SCE, SCE will comply with such request provided the customer first agrees to advance the estimated cost installed of any additional equipment required and/or the removal cost of any equipment currently installed. Such advances will not be refunded. Facilities installed in connection with such requests become and remain the sole property of SCE.

(Continued)

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Schedule OL-1  
OUTDOOR AREA LIGHTING SERVICE-UNMETERED SERVICE

Sheet 7

(Continued)

SPECIAL CONDITIONS (Continued)

9. Billing Calculation: A Customer's bill is calculated according to the rates and conditions above.

The charges listed in the RATES section are calculated by multiplying the Total Delivery Service rates and the Generation rates, when applicable, by the billing determinants (e.g., per kilowatt [kW], kilowatthour [kWh], etc.).

As of January 1, 2012, all generation supplied to Bundled Service Customers is provided by SCE. The DWR Energy Credit provided to Bundled Service Customers is determined by multiplying the DWR Energy Credit rate component by the Customer's total kWhs.

- a. Bundled Service Customers receive Delivery Service and Generation service from SCE. The Customer's bill is the sum of the charges for Delivery Service and Generation service determined, as described in this Special Condition, and subject to applicable discounts or adjustments provided under SCE's tariff schedules.
- b. Direct Access Customers receive Delivery Service from SCE and purchase energy from an Energy Service Provider. The Customer's bill is the sum of the charges for Delivery Service determined as described in this Special Condition except that the DWRBC rate component is subtracted from the Total Delivery Service rates before the billing determinants are multiplied by such resulting Total rates; plus the applicable charges as shown in Schedule DA-CRS and subject to applicable discounts or adjustments provided under SCE's tariff schedules.
- c. CCA Service Customers receive Delivery Service from SCE and purchase energy from their Community Choice Aggregator (CCA). SCE will read the meters and present the bill for both Delivery and Generation Services to the CCA Service Customer. The Customer's bill is the sum of the charges for Delivery Service as displayed in this Rate Schedule and Generation charges determined by the CCA plus the applicable charges as shown in Schedule CCA-CRS, and subject to applicable discounts or adjustments provided under SCE's tariff schedules.
10. Distribution Pole-Mounted Discount:
- Customers taking service under this Schedule with outdoor lighting fixtures mounted on a distribution pole are eligible for and may elect to receive the Distribution Pole-Mounted Discount as shown in the RATES section above. Customers are eligible to receive a Distribution Pole-Mounted Discount upon SCE's inventory of the outdoor lighting fixture(s). This discount will be applied on the Customers next scheduled billing date after a Customer (D) elects this Discount, and qualifies for service herein.

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