



Schedule LS-2 Sheet 1  
**LIGHTING - STREET AND HIGHWAY**  
**CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE**

**APPLICABILITY**

Applicable to unmetered service for the lighting of streets, highways, other public thoroughfares, and publicly-owned and publicly-operated automobile parking lots which are open to the general public, where the Customer owns the street lighting equipment including, but not limited to, the pole, mast arm, luminaire and lamp, and all connecting cable in a street light system.

**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	0.00522	0.02067 (R)	0.00253 (I)	(0.00034) (R)	0.00474 (R)	0.00503	0.00058 (I)	0.03843 (R)	0.04509 (I)	(0.00007)
Midnight Service	0.00522	0.02067 (R)	0.00253 (I)	(0.00034) (R)	0.00474 (R)	0.00503	0.00058 (I)	0.03843 (R)	0.04509 (I)	(0.00007)

**Multiple Service - Option A**

The following Options are applicable where SCE is requested to provide a single feed point to service a customer-owned street light system where the customer provides a point of connection for a single SCE owned photo-controller to control all street lights in the system.

All Night/Midnight Service Charge

Service Description	Rate (\$/Lamp/Month)	Total (\$/Lamp/Month)
Incandescent Extended Service Lamps - \$/Lamp/Month	0.80	0.80
Light Emitting Diode (LED) Lamps - \$/Lamp/Month	0.80	0.80
High Pressure Sodium Vapor Lamps - \$/Lamp/Month	0.80	0.80
Low Pressure Sodium Vapor Lamps - \$/Lamp/Month	0.80	0.80
Metal Halide Lamps - \$/Lamp/Month	0.80	0.80
Induction Lamps - \$/Lamp/Month	0.80	0.80
All Other Lamps - \$/Lamp/Month	0.80	0.80

- \* 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.
- \*\* The ongoing Competition Transition Charge (CTC) of \$0.00000 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 \$(0.00087) per kWh, Reliability Services Balancing Account Adjustment (RSBAA) of \$0.00002 per kWh, and Transmission Access Charge Balancing Account Adjustment (TACBAA) of \$(0.00033) per kWh.
- 2 Distrbtn = 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 not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.
- 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.

(Continued)

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Schedule LS-2 Sheet 2  
**LIGHTING - STREET AND HIGHWAY**  
**CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE**  
 (Continued)

RATES (Continued)

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>

**Multiple Service - Option B**

The following Options are applicable where SCE is requested to provide a service connection point to feed a customer-owned street light with a customer-owned photocell.

All Night/Midnight Service Charge

Incandescent Extended Service Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
Mercury Vapor Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
Light Emitting Diode (LED) Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
High Pressure Sodium Vapor Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
Low Pressure Sodium Vapor Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
Metal Halide Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
Induction Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)
All Other Lamps - \$/Lamp/Month	2.45 (l)	2.45 (l)

\*\* The ongoing Competition Transition Charge (CTC) of \$0.00000 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.
- 2 Distrbtn = 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 not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.
- 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.

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**Schedule LS-2**  
**LIGHTING - STREET AND HIGHWAY**  
**CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE**  
(Continued)

Sheet 3

**RATES (Continued)**

	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>
<b>Series Service</b>										
All Night/Midnight Service Charge										
Incandescent Extended Service Lamps - \$/Lamp/Month		11.80 (l)						11.80 (l)		
Mercury Vapor Lamps - \$/Lamp/Month		11.80 (l)						11.80 (l)		
High Pressure Sodium Vapor Lamps - \$/Lamp/Month		11.80 (l)						11.80 (l)		
Low Pressure Sodium Vapor Lamps - \$/Lamp/Month		11.80 (l)						11.80 (l)		
Metal Halide Lamps - \$/Lamp/Month		N/A						N/A		
All Other Lamps - \$/Lamp/Month		11.80 (l)						11.80 (l)		
Series Service Power Factor Charge* - \$/kVar		0.60 (l)						0.60 (l)		
Series Service Voltage Discount, Energy - \$/kWh		0.00000						0.00000	(0.00100) (l)	

- \* kVAR losses for the Series Service Power Factor Charge are calculated in accordance with Special Condition 14.
- \*\* The ongoing Competition Transition Charge (CTC) of \$0.00000 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.
- 2 Distrbtn = Distribution
- 3 NSGC = New System Generation Charge
- 4 NDC = Nuclear Decommissioning Charge
- 5 PPPC = Public Purpose Programs Charge
- 6 DWRBC = Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.
- 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.

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Schedule LS-2 Sheet 4  
**LIGHTING - STREET AND HIGHWAY**  
**CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE**  
 (Continued)

RATES (Continued)

	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>
<b>Optional Relamp Service Charge</b>										
High Pressure Sodium Vapor Lamps - \$/Lamp/Month										
50 Watt		0.68 (l)						0.68 (l)		
70 Watt		0.68 (l)						0.68 (l)		
100 Watt		0.68 (l)						0.68 (l)		
150 Watt		0.68 (l)						0.68 (l)		
200 Watt		0.69 (l)						0.69 (l)		
250 Watt		0.68 (l)						0.68 (l)		
400 Watt		0.68 (l)						0.68 (l)		

- \*\* The ongoing Competition Transition Charge (CTC) of \$0.00000 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.
  - 2 Distrbtn = Distribution
  - 3 NSGC = New System Generation Charge
  - 4 NDC = Nuclear Decommissioning Charge
  - 5 PPPC = Public Purpose Programs Charge
  - 6 DWRBC = Department of Water Resources (DWR) Bond Charge. The DWR Bond Charge is not applicable to exempt Bundled Service and Direct Access Customers, as defined in and pursuant to D.02-10-063, D.02-02-051, and D.02-12-082.
  - 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.

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Schedule LS-2 Sheet 5  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
(Continued)

SPECIAL CONDITIONS

1. Ownership of Facilities:
  - a. For multiple systems SCE will deliver service at 120, 120/240 volts, or, at the option of SCE, at 240/480 or 277/480 volts, three wire, single phase. For existing series systems SCE will furnish and maintain constant current regulating transformers and deliver service at the secondary side of such transformers. (D)
  - b. The customer will furnish and maintain all utilization equipment beyond the point of delivery except for switching equipment and where the customer has elected the Optional Relamp Service provided by SCE in accordance with Special Condition 5.
  - c. New or modified installations normally shall be multiple service installations. Modified series installations shall be made only where, in the opinion of SCE, it is practical to supply series service. (T)
  - d. Series systems are closed to new installations. (T)

(Continued)

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Schedule LS-2  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE

Sheet 6 (T)

(Continued)

SPECIAL CONDITIONS (Continued)

2. Service Connections and Distribution Extensions:
  - a. The point or points of service connection shall be mutually agreed upon by SCE and the customer.
  - b. Distribution line extensions to reach a street light or a street light system shall be in accordance with the applicable Rule 15.
3. Switching and Related Facilities: For All Night or Midnight Service under SCE's standard operating schedules, SCE will furnish, operate, and maintain, the necessary switching facilities. All auxiliary relay equipment, irrespective of voltage, not furnished by SCE, but required in connection with providing street lighting service, shall be furnished, installed, and maintained by the customer in accordance with SCE's requirements.
4. Hours of Service: Under SCE's standard All Night Service operating schedule approximately 4,140 hours of service per year will be furnished, and under SCE's standard Midnight Service operating schedule approximately 2,170 hours of service per year will be furnished. Service for other operating schedules is not available under this Schedule.
5. Optional Relamp Service: Closed to all new installations. Optional relamp service will be provided at the request of the customer. The charges thereunder shall be in addition to any other applicable charges. After the original lamp installation, relamp service will be furnished by SCE as soon as practicable after notification by the customer. Relamp service is provided only for the high pressure sodium vapor lamps listed on this Schedule for which charges are shown. At the time of relamping, SCE will clean the refractor, or install replacement refractors furnished by the customer, as required. This service will be provided only where, in the opinion of SCE, no undue hazard or expense will result because of location, mounting height, or other reason.

(Continued)

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Schedule LS-2 Sheet 7  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
(Continued)

SPECIAL CONDITIONS (Continued)

- 6. Removal of Equipment: Where SCE-owned street lighting service and/or facilities were ordered removed by a customer and such service and/or facilities, or their equivalent, are ordered reinstalled within 36 months from the date of the order to remove, the customer shall pay to SCE in advance of reinstallation a nonrefundable amount equal to the cost of removal of the prior facilities and the estimated cost of such reinstallation. SCE-owned facilities removed or installed remain the sole property of SCE.
- 7. Modification of Facilities: Where the customer provides SCE a 45-day advance notice of modifications to the customer-owned street light facilities that result in modifications or replacement of SCE-owned facilities, and such modifications are acceptable to SCE, SCE will perform the requested modifications, provided the customer agrees to pay the cost of said modifications. Where advance notice is not given to SCE and modifications of customer-owned street light facilities result in SCE having to modify or replace its facilities, the customer will either (1) return customer's facilities to their previous conditions and be responsible for any resulting damage to SCE facilities or (2) pay the resulting cost to SCE for having to modify or replace SCE facilities as a result of customer's modifications. (N) (T) (T) (N) | (N)
- 8. Midnight Service: Where the customer requests the installation and/or removal of equipment in order to take Midnight Service, and such request is acceptable to SCE, SCE will comply with such request provided the customer first agrees to pay to SCE the estimated cost installed of any additional equipment required and/or the removal cost of any equipment currently installed. Such payments will not be refunded and shall be paid in advance or in installments acceptable to SCE over a period not to exceed three years. Facilities installed in connection with such requests become and remain the sole property of SCE.
- 9. Contract: In accordance with Rule 4, a written contract for a term of not less than one year and not more than five years is required in order to receive street light service under the provisions of this Schedule. Should the customer terminate service within 36 months of the date service is first supplied, the customer shall pay to SCE the cost of installation plus the cost of removal less salvage for any SCE-owned facilities installed to supply the customer's street light service.

(Continued)

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Schedule LS-2 Sheet 8 (T)  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
(Continued)

SPECIAL CONDITIONS (Continued)

10. Kilowatthours: The kilowatthours used to determine the Energy Charge and the Voltage Discount shall be as follows:

Lamp <u>Wattage</u>	Nominal <u>Lamp Rating</u> Average <u>Initial Lumens</u>	Lamp Load Including <u>Ballast - Watts</u>		<u>kWh per Lamp Per Month*</u>			
		<u>Multiple Service</u>	<u>Series Service</u>	<u>Multiple Service kWh</u>		<u>Series Service kWh</u>	
				<u>A</u> <u>All Night</u>	<u>B</u> <u>Midnight</u>	<u>C</u> <u>All Night</u>	<u>D</u> <u>Midnight</u>
Incandescent Lamps							
Extended Service **							
103	1,000	103	75	35.535	18.633	29.528	15.488
202	2,500	202	164	69.690	36.542	64.567	33.866
327	4,000	327	248	112.815	59.154	97.638	51.212
448	6,000	448	347	154.560	81.043	136.614	71.656
690	10,000	690	578	238.050	124.821	227.559	119.357
Mercury Vapor Lamps							
100	4,000	131	125	45.195	23.698	51.675	27.113
175	7,900	216	207	74.520	39.074	85.574	44.898
250	12,000	301	285	103.845	54.451	117.819	61.817
400	21,000	474	445	163.530	85.747	183.963	96.521
700	41,000	803	760	277.035	145.263	314.184	164.844
1,000	55,000	1,135	1,070	391.575	205.322	442.338	232.083

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

\*\* Represents Extended Service lamps only. For Group Replacement and Regular Service Lamps see Special Condition 11.

(Continued)

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Schedule LS-2 Sheet 9  
**LIGHTING - STREET AND HIGHWAY**  
**CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE**  
 (Continued)

**SPECIAL CONDITIONS (Continued)**

## 10. Kilowatthours: (Continued)

<u>Nominal Lamp Rating</u>		<u>Lamp Load Including Ballast/Generator - Watts</u>		<u>kWh per Lamp Per Month*</u>			
<u>Lamp Wattage</u>	<u>Average Initial Lumens</u>	<u>Multiple Service</u>	<u>Series Service</u>	<u>Multiple Service kWh</u>		<u>Series Service kWh</u>	
				<u>A All Night</u>	<u>B Midnight</u>	<u>C All Night</u>	<u>D Midnight</u>
<b>High Pressure Sodium Vapor Lamps</b>							
50	4,000	58	64	20.010	10.492	30.746	16.134
70	5,800	83	85	28.635	15.015	40.834	21.429
100	9,500	117	121	40.365	21.165	58.128	30.504
150	16,000	193	174	66.585	34.914	83.590	43.865
200	22,000	246	233	84.870	44.501	111.933	58.739
250	27,500	313	N/A	107.985	56.622	N/A	N/A
310	37,000	383	N/A	132.135	69.285	N/A	N/A
400	50,000	485	N/A	167.325	87.737	N/A	N/A
<b>Low Pressure Sodium Vapor Lamps</b>							
35	4,800	63	51	21.735	11.397	24.225	12.709
55	8,000	84	72	28.980	15.196	34.200	17.942
90	13,500	131	130	45.195	23.698	61.750	32.396
135	22,500	182	185	62.790	32.924	87.875	46.102
180	33,000	229	219	79.005	41.426	104.025	54.575
<b>Metal Halide</b>							
70	5,500	94	N/A	32.430	16.998	N/A	N/A
100	8,500	129	N/A	44.505	23.328	N/A	N/A
150	12,000	178	N/A	61.410	32.188	N/A	N/A
175	12,000	215	N/A	74.175	38.879	N/A	N/A
250	19,500	295	N/A	101.775	53.346	N/A	N/A
400	32,000	458	N/A	158.010	82.822	N/A	N/A
1000	100,000	1080	N/A	372.600	195.300	N/A	N/A
1500	150,000	1605	N/A	553.725	290.238	N/A	N/A
<b>Induction Lamps</b>							
23	N/A	25	N/A	8.625	4.521	N/A	N/A
40	N/A	41	N/A	14.137	7.410	N/A	N/A
55	N/A	56	N/A	19.185	10.056	N/A	N/A
65	N/A	69	N/A	23.805	12.478	N/A	N/A
80	N/A	82	N/A	28.428	14.901	N/A	N/A
85	N/A	88	N/A	30.293	15.878	N/A	N/A
100	N/A	105	N/A	36.225	18.988	N/A	N/A
120	N/A	123	N/A	42.410	22.229	N/A	N/A
150	N/A	155	N/A	53.303	27.939	N/A	N/A
165	N/A	170	N/A	58.566	30.698	N/A	N/A
200	N/A	210	N/A	72.450	37.975	N/A	N/A

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

(Continued)

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Schedule LS-2 Sheet 10  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
 (Continued)

SPECIAL CONDITIONS (Continued)

10. Kilowatthours: (Continued)

Light Emitting Diode (LED) Lamps

<u>Lamp Watts</u> <u>Including Driver Loss**</u>	<u>Lamps Watts Including Driver Loss</u> <u>Mid-Point Range***</u>	<u>kWh per Lamp per Month</u> <u>Multiple Service kWh****</u>		(T)
		<u>All Night</u>	<u>Midnight</u>	
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	
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	

(Continued)

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Schedule LS-2 Sheet 11  
 LIGHTING - STREET AND HIGHWAY  
 CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
 (Continued)

10. Kilowatthours: (Continued)

Light Emitting Diode (LED) Lamps (Continued)

<u>Lamp Watts</u> <u>Including Driver Loss**</u>	<u>Lamps Watts Including Driver Loss</u> <u>Mid-Point Range***</u>	<u>kWh per Lamp per Month</u> <u>Multiple Service kWh****</u> (T)	
		<u>All Night</u>	<u>Midnight</u> (T)
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
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

(Continued)

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Schedule LS-2 Sheet 12  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
(Continued)

10. Kilowatthours: (Continued)

Light Emitting Diode (LED) Lamps (Continued)

<u>Lamp Watts</u> <u>Including Driver Loss**</u>	<u>Lamps Watts Including Driver Loss</u> <u>Mid-Point Range***</u>	<u>kWh per Lamp per Month</u> <u>Multiple Service kWh****</u>		(T)
		<u>All Night</u>	<u>Midnight</u>	
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. Customer may be required to provide verification of total energy consumption of lamp and driver upon request by SCE.

\*\*\* 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.

11. Lamp Loads: SCE will provide service under this Schedule to street light lamps which are not listed on this Schedule provided that a lamp load, including lamp wattage and ballast, can be reliably established by SCE.

In addition to the extended service incandescent lamps listed above in Special Condition 10, SCE has determined a lamp load wattage rating for the following lumen rated regular and group replacement incandescent lamps to be used to determine the Energy Charge Components.

(Continued)

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Schedule LS-2 Sheet 13 (T)  
LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE  
(Continued)

SPECIAL CONDITIONS (Continued)

11. Lamp Loads: (Continued)

Average Initial Lumens	Incandescent Wattage Per Lamp			
	Multiple Service Group		Series Service Group	
	Regular	Replacement	Regular	Replacement
600	55	58	42	44
800	N/A	N/A	57	N/A
1,000	85	92	61	64
2,500	175	189	143	152
4,000	268	295	213	226
6,000	370	405	316	332
10,000	575	620	525	565
15,000	800	860	755	822
25,000	N/A	N/A	1,275	N/A

The kilowatthours for the above regular and group replacement lamps or any unlisted lamps shall be determined in accordance with the provisions of Special Condition 12, below.

12. Kilowatthour Per Lamp per Month For Nonstandard Lamps: The total monthly kWh usage for each type of service shall be computed by applying the following Hours per kW billing factors to the applicable lamp load (including ballast/driver/generator, if applicable) wattage rating. The kWh shall be computed to the nearest Watt-hour. (C)

Type of Service:	Hours Per Month Per kW of Lamp Load						(C)
	Incandescent	Mercury Vapor	High Pressure Sodium Vapor	Low Pressure Sodium Vapor	Metal Halide	Other Lamps	(N)
All Night Service							(N)
Multiple Service*	345.0	345.0	345.0	345.0	345.0	345.0	(N)
Series Service***	393.7	413.4	480.4	475.0	N/A	N/A	(N)
Midnight or Equivalent Service							
Multiple Service**	180.9	180.9	180.9	180.9	180.9	180.9	(N)
Series Service***	206.5	216.9	252.1	249.2	N/A	N/A	(N)

kWh Per Lamp Per Month=Hours Per Month Per kW of Lamp Load x kW Per Lamp (including ballast/driver/generator if applicable)

\* All Night Service Multiple Service Hours Per Month Per kW of Lamp Load = (4,140 hours/12 months) = 345 hours  
 \*\* Midnight Service Multiple Service Hours Per Month Per kW of Lamp Load = (2,170 hours/12 months) = 180.9 hours  
 \*\*\* Series Services Hours Per Month Per kW of Lamp Load applies the same formula as Multiple Service except that it is adjusted for Line Loss Factor. (N)

(Continued)

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Schedule LS-2

Sheet 14

LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE

(Continued)

SPECIAL CONDITIONS (Continued)

13. Charges for Nonstandard Lamps: Nonstandard Lamps are lamps for which a monthly charge is not listed in this Schedule. Where a lamp is not listed in this Schedule, the monthly charge is computed by first computing the applicable kWh for the lamp. The kWhs are computed by applying the method provided in Special Condition 12 for Other Lamps. Where manufacturer's information is not available for rated wattage consumption, the customer must provide third party documentation before SCE will accept lamps for this Schedule. The Energy Charge is calculated using the rates shown in the RATES section, above. The total monthly lamp charge for nonstandard lamps is the sum of the monthly lamp charge as shown in the RATES section for all other lamps, plus the Energy Charge. For Series Service Lamps, the Energy Charge is adjusted for Voltage Discount, and the total lamp charge increased for Series Service Power Factor.
14. Energy Efficient Street Lights – Where Customers permanently install energy efficient streetlights under the terms of this Schedule and the total energy use cannot be verified through industry standards or other documentation acceptable to SCE, the customer may be required to provide verifiable documentation to SCE's satisfaction regarding the total energy consumption of the lamp and driver. All fixtures that include the capability of adjustable light wattage settings will be billed at the maximum wattage setting.
15. Limited testing of emerging Streetlight technologies will be allowed under this Schedule. Such test installations are subject to approval by SCE. Testing is limited to existing streetlight fixtures and the total energy consumption per fixture must not exceed current energy use per fixture. Additional energy efficient streetlight fixtures installed will also be subject to billing under the current rate upon the approval of SCE. The test period will not exceed 12 months.
16. Series Service Power Factor: The kVAR losses for the Series Service Power Factor charge shall be calculated by multiplying the applicable series service kW lamp load from Special Condition 10 by the applicable kVAR demand loss factor shown below:

kVAR Demand Loss Factor (kVAR Loss/kW load)

<u>Incandescent</u>	<u>Mercury Vapor</u>	<u>High Pressure Sodium Vapor</u>	<u>Low Pressure Sodium Vapor</u>
2.133	2.953	5.270	7.067

17. Voltage Discount: Bundled Service, CCA Service, and Direct Access customers will have the Distribution rate component of the applicable Delivery Charges reduced by the corresponding Voltage Discount amount for service metered and delivered at the applicable voltage level as shown in the RATES section above. In addition, Bundled Service Customers will have the Utility Generation (UG) rate component of the applicable Generation charges reduced by the corresponding Voltage Discount amount for service metered and delivered at the applicable voltage level as shown in the RATES section. (T)

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Schedule LS-2

Sheet 15

LIGHTING - STREET AND HIGHWAY  
CUSTOMER-OWNED INSTALLATION - UNMETERED SERVICE

(Continued)

SPECIAL CONDITIONS (Continued)

18. 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], kilovar [kVa] etc.). (T)

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. (N)

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. (T)

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. (D)

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. (T)

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