



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 1

APPLICABILITY: This schedule is applicable to unmetered PG&E-owned and maintained lighting installations which illuminate publicly owned and operated streets, highways, and other outdoor ways and places and which generally utilize PG&E's distribution facilities under the provisions contained below. Rates of Class A through Class F service will be applicable as determined in Special Condition 4. (T)
(T)

TERRITORY: The entire territory served.

RATES: The total monthly charge per lamp is equal to the sum of the facility charge and the energy charge. The monthly charge per lamp used for billing is calculated using unrounded facility and energy charges.

Monthly facility charges include the costs of owning, operating and maintaining the various facilities for each Schedule LS-1 Class. Monthly energy charges are based on the kWh usage of each lamp.

Monthly energy charges per lamp are calculated using the following formula: (Lamp wattage + ballast wattage) x 4,100 hours/12 months/1000 x streetlight energy rate per kilowatt hour (kWh). Ballast wattage = ballast factor x lamp wattage.

Total bundled monthly facility and energy charges are shown below.

The various ballast wattages used in the monthly energy charge calculations can be found in the Ballast Factor table following the monthly energy charges. Ballast factors are averaged within each grouping (range of wattages). The same ballast factor is applied to all of the lamps that fall within its watt range. Applicant or Customer must provide third party documentation where manufacturer's information is not available for rated wattage consumption before PG&E will accept lamps for this schedule.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with Condition 17, Billing, below.

(Continued)

Advice 6176-E
Decision

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Robert S. Kenney
Vice President, Regulatory Affairs

Submitted	April 28, 2021
Effective	May 28, 2021
Resolution	



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 2

RATES: (Cont'd.)

Facilities Charge Per Lamp Per Month

CLASS	A	B	C**	D	E	F
	\$7.135	\$7.456	\$6.635	\$9.442	\$9.696	\$8.072
LED Program Incremental Facility Charge	\$0.000		\$0.000	\$6.226	\$0.000	\$0.000

Energy Charge Per Lamp Per Month
All Night Rates

LAMP WATTS	kWh per MONTH	AVERAGE INITIAL LUMENS	All Night Rate	Half-Hour Adjustment
INCANDESCENTLAMPS*:				
58	20	600	\$7.232 (I)	\$0.329 (I)
92	31	1,000	\$11.209 (I)	\$0.510 (I)
189	65	2,500	\$23.503 (I)	\$1.068 (I)
295	101	4,000	\$36.521 (I)	\$1.660 (I)
405	139	6,000	\$50.261 (I)	\$2.285 (I)
MERCURYVAPORLAMPS*:				
100	40	3,500	\$14.464 (I)	\$0.657 (I)
175	68	7,500	\$24.588 (I)	\$1.118 (I)
250	97	11,000	\$35.074 (I)	\$1.594 (I)
400	152	21,000	\$54.962 (I)	\$2.498 (I)
700	266	37,000	\$96.183 (I)	\$4.372 (I)
HIGHPRESSURESODIUMVAPORLAMPS***:				
120 Volts				
70	29	5,800	\$10.486 (I)	\$0.477 (I)
100	41	9,500	\$14.825 (I)	\$0.674 (I)
150	60	16,000	\$21.695 (I)	\$0.986 (I)
200	80	22,000	\$28.927 (I)	\$1.315 (I)
250	100	26,000	\$36.159 (I)	\$1.644 (I)
400	154	46,000	\$55.685 (I)	\$2.531 (I)
240 Volts				
70	34	5,800	\$12.294 (I)	\$0.559 (I)
100	47	9,500	\$16.995 (I)	\$0.773 (I)
150	69	16,000	\$24.950 (I)	\$1.134 (I)
200	81	22,000	\$29.289 (I)	\$1.331 (I)
250	100	25,500	\$36.159 (I)	\$1.644 (I)
400	154	46,000	\$55.685 (I)	\$2.531 (I)

* Closed to new installations per Advice 669-E, effective June 8, 1978.

** Closed to new mixed ownership installations. See Special Condition 4.

*** Closed to new installations for all Classes per Advice 6176-E, effective May 28, 2021.

(Continued)

Advice 7191-E
Decision

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Shilpa Ramaiya
Vice President
Regulatory Proceedings and Rates

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Resolution

February 28, 2024
March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 3

RATES: (Cont'd.)

Ballast Factors by Lamp Type and Watt Range

<u>Watt Range</u>		<u>Ballast Factor</u>		<u>Watt Range</u>		<u>Ballast Factor</u>
<u>MERCURY VAPOR*</u>				<u>HIGH PRESSURE SODIUM VAPOR**</u>		
1	to	75	31.00%			
76	to	125	17.07%			
126	to	325	13.69%			
326	to	800	11.22%			
801	+		10.34%			

* Closed to new installations per Advice 669-E effective June 8, 1978

** Closed to new installations for all Classes per Advice 6176-E, effective May 28, 2021.

(C)

(Continued)

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ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 4

RATES: (Cont'd.)

LIGHT-EMITTING DIODE (LED) LAMPS: 120-240 VOLTS

Nominal Lamp Ratings		A, C, D, E and F Only			
LAMP WATTS***	kWh per MONTH****	Energy Rates Per Lamp Per Month		Half-Hour Adjustment	
0.0-5.0	0.9	\$0.325	(I)	\$0.015	
5.1-10.0	2.6	\$0.940	(I)	\$0.043	
10.1-15.0	4.3	\$1.555	(I)	\$0.071	(I)
15.1-20.0	6.0	\$2.170	(I)	\$0.099	(I)
20.1-25.0	7.7	\$2.784	(I)	\$0.127	(I)
25.1-30.0	9.4	\$3.399	(I)	\$0.155	(I)
30.1-35.0	11.1	\$4.014	(I)	\$0.182	
35.1-40.0	12.8	\$4.628	(I)	\$0.210	
40.1-45.0	14.5	\$5.243	(I)	\$0.238	(I)
45.1-50.0	16.2	\$5.858	(I)	\$0.266	(I)
50.1-55.0	17.9	\$6.472	(I)	\$0.294	(I)
55.1-60.0	19.6	\$7.087	(I)	\$0.322	(I)
60.1-65.0	21.4	\$7.738	(I)	\$0.352	(I)
65.1-70.0	23.1	\$8.353	(I)	\$0.380	(I)
70.1-75.0	24.8	\$8.967	(I)	\$0.408	(I)
75.1-80.0	26.5	\$9.582	(I)	\$0.436	(I)
80.1-85.0	28.2	\$10.197	(I)	\$0.464	(I)
85.1-90.0	29.9	\$10.812	(I)	\$0.491	(I)
90.1-95.0	31.6	\$11.426	(I)	\$0.519	(I)

*** Wattage based on total consumption of lamp and driver.

**** Assumptions consistent with tariff, based on 4100 hours of operation for a full year; mid-point in range established by deducting 2.5 watts from highest wattage in range. The energy use calculation is:
(high wattage in range-2.5 watts)x(4,100 hours/12 months/1000)

(Continued)

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Resolution

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March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 5

RATES: (Cont'd.)

LIGHT EMITTING DIODE (LED) LAMPS: 120-240 VOLTS (Cont'd.)

<u>Nominal Lamp Ratings</u>		A, C, D, E and F Only		Half-Hour	
LAMP WATTS***	kWh per MONTH****	Energy Rates Per Lamp Per Month		Adjustment	
95.1-100.0	33.3	\$12.041	(I)	\$0.547	(I)
100.1-105.1	35.0	\$12.656	(I)	\$0.575	(I)
105.1-110.0	36.7	\$13.270	(I)	\$0.603	(I)
110.1-115.0	38.4	\$13.885	(I)	\$0.631	(I)
115.1-120.0	40.1	\$14.500	(I)	\$0.659	(I)
120.1-125.0	41.9	\$15.151	(I)	\$0.689	(I)
125.1-130.0	43.6	\$15.765	(I)	\$0.717	(I)
130.1-135.0	45.3	\$16.380	(I)	\$0.745	(I)
135.1-140.0	47.0	\$16.995	(I)	\$0.773	(I)
140.1-145.0	48.7	\$17.609	(I)	\$0.800	(I)
145.1-150.0	50.4	\$18.224	(I)	\$0.828	(I)
150.1-155.0	52.1	\$18.839	(I)	\$0.856	(I)
155.1-160.0	53.8	\$19.454	(I)	\$0.884	(I)

*** Wattage based on total consumption of lamp and driver.

**** Assumptions consistent with tariff, based on 4100 hours of operation for a full year; mid-point in range established by deducting 2.5 watts from highest wattage in range. The energy use calculation is:
(high wattage in range-2.5 watts)x(4,100 hours/12 months/1000)

(Continued)

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Resolution

February 28, 2024
March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 6

RATES: (Cont'd.)

LIGHT-EMITTING DIODE (LED) LAMPS: 120-240 VOLTS (Cont'd.)

<u>Nominal Lamp Ratings</u>		A, C, D, E and F Only		Half-Hour	
LAMP WATTS***	kWh per MONTH****	Energy Rates Per Lamp Per Month		Adjustment	
160.1-165.0	55.5	\$20.068	(l)	\$0.912	(l)
165.1-170.0	57.2	\$20.683	(l)	\$0.940	(l)
170.1-175.0	58.9	\$21.298	(l)	\$0.968	(l)
175.1-180.0	60.6	\$21.912	(l)	\$0.996	(l)
180.1-185.0	62.4	\$22.563	(l)	\$1.026	(l)
185.1-190.0	64.1	\$23.178	(l)	\$1.054	(l)
190.1-195.0	65.8	\$23.793	(l)	\$1.082	(l)
195.1-200.0	67.5	\$24.407	(l)	\$1.109	(l)
200.1-205.0	69.2	\$25.022	(l)	\$1.137	(l)
205.1-210.0	70.9	\$25.637	(l)	\$1.165	(l)
210.1-215.0	72.6	\$26.251	(l)	\$1.193	(l)
215.1-220.0	74.3	\$26.866	(l)	\$1.221	(l)
220.1-225.0	76.0	\$27.481	(l)	\$1.249	(l)
225.1-230.0	77.7	\$28.096	(l)	\$1.277	(l)
230.1-235.0	79.4	\$28.710	(l)	\$1.305	(l)
235.1-240.0	81.1	\$29.325	(l)	\$1.333	(l)
240.1-245.0	82.9	\$29.976	(l)	\$1.363	(l)
245.1-250.0	84.6	\$30.591	(l)	\$1.391	(l)

*** Wattage based on total consumption of lamp and driver.

**** Assumptions consistent with tariff, based on 4100 hours of operation for a full year; mid-point in range established by deducting 2.5 watts from highest wattage in range. The energy use calculation is:
(high wattage in range-2.5 watts)x(4,100 hours/12 months/1000)

(Continued)

Advice 7191-E
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Effective
Resolution

February 28, 2024
March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 7

RATES: (Cont'd.)

LIGHT-EMITTING DIODE (LED) LAMPS: 120-240 VOLTS (Cont'd.)

<u>Nominal Lamp Ratings</u>		<u>A, C, D, E and F Only</u>		<u>Half-Hour</u>	
<u>LAMP</u> <u>WATTS***</u>	<u>kWh per</u> <u>MONTH****</u>	<u>Energy Rates Per</u> <u>Lamp Per Month</u>		<u>Adjustment</u>	
250.1-255.0	86.3	\$31.205	(I)	\$1.418	(I)
255.1-260.0	88.0	\$31.820	(I)	\$1.446	(I)
260.1-265.0	89.7	\$32.435	(I)	\$1.474	(I)
265.1-270.0	91.4	\$33.049	(I)	\$1.502	(I)
270.1-275.0	93.1	\$33.664	(I)	\$1.530	(I)
275.1-280.0	94.8	\$34.279	(I)	\$1.558	(I)
280.1-285.0	96.5	\$34.893	(I)	\$1.586	(I)
285.1-290.0	98.2	\$35.508	(I)	\$1.614	(I)
290.1-295.0	99.9	\$36.123	(I)	\$1.642	(I)
295.1-300.0	101.6	\$36.738	(I)	\$1.670	(I)
300.1-305.0	103.4	\$37.388	(I)	\$1.699	(I)
305.1-310.0	105.1	\$38.003	(I)	\$1.727	(I)
310.1-315.0	106.8	\$38.618	(I)	\$1.755	(I)
315.1-320.0	108.5	\$39.233	(I)	\$1.783	(I)
320.1-325.0	110.2	\$39.847	(I)	\$1.811	(I)
325.1-330.0	111.9	\$40.462	(I)	\$1.839	(I)

*** Wattage based on total consumption of lamp and driver.

**** Assumptions consistent with tariff, based on 4100 hours of operation for a full year; mid-point in range established by deducting 2.5 watts from highest wattage in range. The energy use calculation is:
(high wattage in range-2.5 watts)x(4,100 hours/12 months/1000)

(Continued)

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February 28, 2024
March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 8

RATES: (Cont'd.)

LIGHT-EMITTING DIODE (LED) LAMPS: 120-240 VOLTS (Cont'd.)

<u>Nominal Lamp Ratings</u>		A, C, D, E and F Only		Half-Hour	
LAMP WATTS***	kWh per MONTH****	Energy Rates Per Lamp Per Month		Adjustment	
330.1-335.0	113.6	\$41.077	(I)	\$1.867	(I)
335.1-340.0	115.3	\$41.691	(I)	\$1.895	(I)
340.1-345.0	117.0	\$42.306	(I)	\$1.923	(I)
345.1-350.0	118.7	\$42.921	(I)	\$1.951	(I)
350.1-355.0	120.4	\$43.535	(I)	\$1.979	(I)
355.1-360.0	122.1	\$44.150	(I)	\$2.007	(I)
360.1-365.0	123.9	\$44.801	(I)	\$2.036	(I)
365.1-370.0	125.6	\$45.416	(I)	\$2.064	(I)
370.1-375.0	127.3	\$46.030	(I)	\$2.092	(I)
375.1-380.0	129.0	\$46.645	(I)	\$2.120	(I)
380.1-385.0	130.7	\$47.260	(I)	\$2.148	(I)
385.1-390.0	132.4	\$47.875	(I)	\$2.176	(I)
390.1-395.0	134.1	\$48.489	(I)	\$2.204	(I)
395.0-400.0	135.8	\$49.104	(I)	\$2.232	(I)

*** Wattage based on total consumption of lamp and driver.

**** Assumptions consistent with tariff, based on 4100 hours of operation for a full year; mid-point in range established by deducting 2.5 watts from highest wattage in range. The energy use calculation is:
(high wattage in range-2.5 watts)x(4,100 hours/12 months/1000)

(Continued)

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March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 9

RATES: (Cont'd.)

TOTAL BUNDLED ENERGY RATES

Total Energy Charge Rate (\$ per kWh)	\$0.36159	(I)
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UNBUNDLING OF TOTAL ENERGY CHARGES

The total energy charge is unbundled according to the component rates shown below.

Energy Rate by Components (\$ per kWh)

Generation	\$0.13766	(I)
Distribution**	\$0.17142	(I)
Transmission*	\$0.02758	(R)
Transmission Rate Adjustments* (all usage)	(\$0.00160)	(R)
Reliability Services*	\$0.00007	
Public Purpose Programs	\$0.01038	
Nuclear Decommissioning	(\$0.00259)	
Competition Transition Charge	\$0.00082	
Energy Cost Recovery Amount	(\$0.00003)	
Wildfire Fund Charge	\$0.00561	
New System Generation Charge	\$0.00397	(I)
Wildfire Hardening Charge (all usage)	\$0.00182	(R)
Recovery Bond Charge (all usage)	\$0.00597	(I)
Recovery Bond Credit (all usage)	(\$0.00597)	(R)
Bundled Power Charge Indifference Adjustment (all usage)***	\$0.00648	(I)

- * Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
- ** Distribution and New System Generation Charges are combined for presentation on customer bills.
- *** Direct Access, Community Choice Aggregation and Transitional Bundled Service Customers pay the applicable Vintaged Power Charge Indifference Adjustment. Generation and Bundled PCIA are combined for presentation on bundled customer bills.

(Continued)

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February 28, 2024
March 1, 2024



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 10

**MORE THAN
ONE LIGHT
ON A POLE:**

Where more than one light with a single Customer of Record is installed on a pole, all lights other than the first will be billed on the Class C rate. Not applicable to installations made prior to September 11, 1978.

**SPECIAL
CONDITIONS:**

1. **TYPE OF SERVICE:** (a) PG&E provides basic lighting services with limited standard facilities, pole types and configurations. Only equipment in PG&E's current standards are eligible for installation under LS-1, except as addressed in Special Condition 12. Current standards are available through PG&E's Service Planning application process; (b) Applicant or Customer is responsible for wattage and color temperature selection, lighting pattern layout and coverage for safety considerations; and (c) PG&E reserves the right to supply either "multiple" or "series" service. Series service to new lights will only be made where it is practical from PG&E's engineering standpoint to supply them from existing series systems. (T)
(T)
2. **ANNUAL OPERATING SCHEDULE:** The above rates for All-Night (AN) service assume an average of approximately 11 hours operation per night and apply to lamps which will be turned on and off once each night in accordance with a regular operating schedule agreeable to the Customer but not exceeding 4,100 hours per year. This is also predicated on an electronic type photo control meeting ANSI standard C.136.10, with a turn on value of 1.0 footcandles and turn off value of 1.5 foot candles. Electro mechanical or thermal type photo controls are not acceptable for this rate schedule.
3. **OPERATING SCHEDULES OTHER THAN ALL-NIGHT:** Rates for regular operating schedules other than full AN will be the AN rate plus or minus, respectively, the half-hour adjustment for each half-hour more or less than an average of approximately 11 hours per night. This adjustment will apply only to lamps on regular operating schedules of not less than 1,095 hours per year, or three hours per night, and may be applied for 24-hour operation.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 11

SPECIAL
CONDITIONS:

(Cont'd)

4. DESCRIPTION OF SERVICE PROVIDED:

The following describes lighting facilities only. Service connection and lighting installation responsibilities and payments, are described in special conditions 7, 8 and 9.

PG&E provides several Classes (A, B, C, D, E and F) of LS-1 facilities. The Classes enable fair distribution of facility charges in correlation with PG&E's cost to maintain each Class. Once installed, PG&E maintains full ownership and maintenance responsibility for all Classes of LS-1.

Only equipment included in PG&E's current standards are eligible for installation under LS-1, except as addressed in Special Condition 12. Current standards are available through PG&E's Service Planning application process.

Class A: Applicable to standard non-decorative fixtures (the entire lighting unit that includes the lamp, if applicable) installed on a PG&E wood distribution pole for illumination of public ways. PG&E provides its standard fixture, control facility, and standard 30" bracket on its existing wood distribution pole. There is no installation charge for this Class for standard (non-decorative) LED fixtures. (T)

Class B: Closed to new installations per Advice 688-E, effective September 11, 1978. This Class is for streetlight installations for which the Customer has paid the estimated installed cost of the fixture, standard 30" bracket and control facilities. (T)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 12

SPECIAL
CONDITIONS:
(Cont'd)

4. DESCRIPTION OF SERVICE PROVIDED: (Cont'd.)

Class C: Closed to new mixed ownership installations as of March 1, 2006 per Advice 2791-E in compliance with Decision 05-11-005. New Class C installations are applicable to an individual Customer's second or additional fixture(s) on a PG&E owned pole. The Class considers that facility charges for the pole are paid through the primary fixture which is under Class A, D, E or F. PG&E provides its standard fixture, control facility and a standard 30" bracket if applicable. Customer is responsible for all further costs, see Special Condition 9. (T)

For LS-1C fixtures placed in operation prior to March 1, 2006, the customer owns and is responsible to maintain the pole, it's foundation and any brackets. PG&E owns and maintains all other components (T)

Class D: Applicable to decorative streetlight fixtures. PG&E provides its standard post top or pendant style fixture and control facility. Customer is responsible for all further costs, see Special Condition 9. (T)

Class E: Applicable to streetlight only poles on a concrete foundation, installed solely for the fixture. PG&E provides a standard fixture, control facility, a standard 30" bracket if applicable and service connection. Customer is responsible for all further costs, see Special Condition 9. (T)

Class F: Applicable to embedded streetlight only poles, installed solely for the fixture. PG&E provides a standard fixture, control facility, a standard 30" bracket if applicable. and service connection. Customer is responsible for all further costs, see Special Condition 9. (T)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 13

SPECIAL
CONDITIONS:
(Cont'd.)

5. **RELOCATION, REARRANGEMENT OR MODIFICATION OF FACILITIES:** For any relocation, rearrangement, or modification of PG&E's existing streetlight or service facilities at the request of the Customer and agreed to by PG&E, Customer shall pay PG&E, in advance, PG&E's estimated total cost of the relocation, rearrangement, or modification. This shall include, but is not limited to, fixture changes. (T)
(T)
6. **SERVICE REQUESTS:** Service requests shall be made through PG&E's Service Planning organization and shall include form 79-1007 (*Request to Install or Energize Streetlight Schedules LS-1, LS-2, OL-1*) or 79-1008 (*Request to De-Energize or Remove Streetlights LS-1, LS-2, OL-1*) for installations, removals, relocations, rearrangements, modifications, energizing and de-energizing of streetlight facilities. (T)
(T)
7. **SERVICE and LIGHTING INSTALLATION RESPONSIBILITIES:** The Applicant at its expense shall perform all necessary trenching, backfill and paving, and shall furnish and install all necessary conduit, and substructures, including substructures for transformer installations if necessary, for street light service and circuits, in accordance with PG&E's specifications. Upon acceptance by PG&E, ownership of the conduit and substructures will automatically transfer to PG&E. Riser material is installed by PG&E at the Customer's expense. Tree trimming is the responsibility of the Applicant.

PG&E will furnish and install the underground or overhead service conductor, transformers and necessary facilities to complete the service from the distribution line source subject to the payment provision of special condition 8.

PG&E will establish service delivery points in close proximity to its distribution system as follows:

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 14

SPECIAL
CONDITIONS:
(Cont'd.)

**7. SERVICE and LIGHTING INSTALLATION
RESPONSIBILITIES (Cont'd.)**

(N)
(N)
(N)

OVERHEAD: a) In an overhead area - a single drop will be installed; b) for an overhead to underground system, service will be established in a PG&E box at the base of the pole, or directly to a single light or to the first light of a multiple circuit based on PG&E's standard design, in the shortest most practical configuration from the connection on the distribution line source.

(L)

UNDERGROUND: For an underground area, service will be established at the nearest existing secondary box. Where no secondary facilities exist, a new service, transformer and secondary splice box, as required, will be installed in the shortest most practical configuration from the connection on the distribution line source.

The Customer shall provide rights of way, clear route and access acceptable to PG&E in accordance with the provisions of Electric Rule 16, and Special Condition 11 below.

Line or service extensions not conforming to the foregoing descriptions shall be installed under Special Condition 13.

(L)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 15

SPECIAL
CONDITIONS:
(Cont'd.)

**8. NON REFUNDABLE PAYMENT FOR SERVICE POINT
INSTALLATION**

a) The Applicant shall pay in advance the estimated installed cost of facilities necessary to establish a service delivery point to serve the street light or street light circuit, minus a one-time revenue allowance based on the kWh of energy usage and the distribution component of the energy rate posted in the rate schedule for the fixtures installed. The total allowance shall be determined by taking the annual equivalent kWh multiplied by the distribution component, then divided by the cost of service factor used in electric Rule 15.C.

(T)

b) The allowance may only be provided where PG&E must install service facilities to connect street lights or street light circuits. No allowance will be provided where a simple connection is required, or in the case of a Class A installation. Only lights operating at a minimum on the full 11hour AN schedule shall be granted allowances. Where Applicant received allowances based upon 11 hour AN operation, no billing adjustments, as otherwise provided for in Special Condition 3, shall be made for the first three (3) years following commencement of service.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 16

SPECIAL
CONDITIONS:
(Cont'd.)

**9. PAYMENT FOR INSTALLATION OF LIGHTING
FACILITIES:**

See Special Condition 4 for a description of what material PG&E provides for each LS-1 Class (A, B, C, D, E and F). The Customer is responsible for the cost of all additional materials required to complete the installation. Only equipment included in PG&E's current standards are eligible for installation under LS-1, except as addressed in Special Condition 12. Current standards are available through PG&E's Service Planning application process.

Class A: Unless rearrangement of facilities is required to enable installation, or Customer selects non-standard materials, there is no installation charge for this class for standard fixtures. (T)
(T)

Class B: This Class is closed for new installations.

Class C: Effective March 1, 2006, this Class is restricted to new fixtures installed on PG&E owned distribution or streetlight only poles on which the Customer has an existing streetlight installed under another LS-1 Class (A, D, E or F). Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

(Continued)

Advice 6176-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted	April 28, 2021
Effective	May 28, 2021
Resolution	



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 17

SPECIAL
CONDITIONS:
(Cont'd.)

9. **PAYMENT FOR INSTALLATION OF LIGHTING
FACILITIES** (Cont'd.):

Class D: Restricted to Decorative Fixtures - Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

For new Class D installations where the Customer requests an LED fixture, the Customer may choose to pay to PG&E in advance, a non-refundable amount equal to PG&E's estimated cost difference between the selected LED fixture and PG&E's most similar HPSV fixture as determined by PG&E. Customers not wishing to pay the estimated cost difference between LED and HPSV for new lighting installations under LS-1D may elect to include new lights under PG&E's optional LED streetlight replacement program by choosing to pay the Incremental Facility Charge for LS-1D as shown on Sheet 2 of this schedule.

(T)

LS-1D Customers with existing HPSV fixtures who prefer to not pay the up-front cost for replacement LED fixtures may also elect to participate in PG&E's optional LED streetlight replacement program by choosing to pay the LS-1D Incremental Facility Charge as shown on Sheet 2.

Customers electing to participate in PG&E's optional LED streetlight replacement program will be eligible for any applicable rebate or incentive available through ratepayer-funded programs intended to increase energy efficiency.

Classes E and F: Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 18

**SPECIAL
CONDITIONS:**
(Cont'd.)

10. OWNERSHIP:

All facilities installed under the provisions of this rate schedule shall be owned, operated and maintained by PG&E.

**11. MAINTENANCE, ACCESS, CLEARANCES and
ATTACHMENTS**

- a) Maintenance: PG&E shall exercise reasonable care and diligence in maintaining PG&E-owned facilities. For PG&E's operational efficiency, maintenance and restoration activities may be completed with like for like lighting technology or, at PG&E's discretion may include updating to PG&E's current lighting technology at no incremental cost to the Customer .
- b) Access: The Customer is responsible for maintaining adequate access for PG&E's standard equipment used in maintaining facilities and for installation of its facilities. PG&E reserves the right to collect additional maintenance costs due to obstructed access or other conditions preventing PG&E from maintaining its equipment with standard operating procedures. Applicant or Customer shall be responsible for rearrangement charges as provided for in Special Condition 5.
- c) Clearances: The Customer will, at their own expense, correct all access or clearance infractions, or pay PG&E's total estimated cost for PG&E to relocate facilities to a new location which is acceptable to PG&E. Failure to comply with corrective measures within a reasonable time may result in discontinuance of service in accordance with electric Rule 11. Applicant or Customer shall be responsible for managing vegetation to maintain lighting patterns, required clearances and access for maintenance of existing poles and fixtures. (T)
- d) Attachments: Any attachments to streetlight poles requested by governmental agencies requires prior approval by PG&E and execution of a license agreement. Unauthorized attachments are subject to removal at the cost of the responsible party. (T)
(T)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 19

SPECIAL
CONDITIONS:
(Cont'd.)

12. **SPECIAL EQUIPMENT:** Fixtures, poles, posts and other equipment requested by an Applicant or Customer in addition to or in substitution for PG&E's standard fixtures, brackets, poles, posts, photo controls and equipment, will be provided if such equipment meets PG&E's engineering and operating standards, and if PG&E agrees to do so, provided that the Applicant or Customer pays the cost difference between the equipment normally installed by PG&E and the equipment requested by the Applicant or Customer, plus an additional Cost of Ownership payment as provided for in Section I.3 of electric Rule 2. This provision is also applicable to other special hardware required or requested by the Applicant or Customer or any governmental agency having jurisdiction. (T)
(T)
(T)

13. **LINE EXTENSIONS**

- A. Where PG&E extends its facilities to street light installations in advance of subdivision projects where subdivision maps have been approved by local authorities, extensions will be installed under the provisions of electric Rule 15, except as noted below.
- B. Where PG&E extends its facilities to street light installations in the absence of any approved subdivision maps, applicant shall pay PG&E's estimated cost, plus cost of ownership and applicable tax. Standard form contract 62-4527, Agreement to Perform Tariff Schedule Related Work, shall be used for these installations.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 20

SPECIAL
CONDITIONS:
(Cont'd.)

14. **TEMPORARY DISCONTINUANCE OF SERVICE:** (Fixture remains in place.) At the request of the Customer, PG&E will temporarily discontinue service to the individual fixtures provided the Customer continues to pay the applicable facility charges and any applicable taxes for the Class of Service as identified in the Rates section of this Schedule, plus the estimated cost to disconnect and reconnect the light. Upon Customer request for re-energization, PG&E may update the fixtures to current standards
15. **CONTRACT:** Except as otherwise provided in this rate schedule, or where lighting service is installed in conjunction with facilities installed under the provisions of Rules 15 or 16, standard form contract 62-4527, Agreement to Perform Tariff Schedule Related Work shall be used for installations, rearrangements or relocations.
16. **MINIMUM SERVICE PERIOD:** Temporary services will be installed under electric Rule 13.
17. **BILLING:** A Customer's bill is calculated based on the option applicable to the Customer. Payment will be made in accordance with PG&E's filed tariffs.

Bundled Service Customers receive generation and delivery service solely from PG&E. The customer's bill is based on the Unbundling of Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service (TBS) Customers take TBS as prescribed in Rules 22.1 and 23, or take PG&E bundled service prior to the end of the six (6) month advance notice period required to elect PG&E bundled service as prescribed in Rules 22.1 and 23. TBS customers shall pay all charges shown in the Unbundling of Total Rates except for the Bundled Power Charge Indifference Adjustment and the generation charge. TBS customers shall also pay for their applicable Vintaged Power Charge Indifference Adjustment provided in the table below, and the short-term commodity prices as set forth in Schedule TBCC.

(T)
(T)
(D)
—
(D)
(T)
(T)
—
(T)
—
(T)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 21

SPECIAL
CONDITIONS:
(Cont'd.)

17. BILLING (Cont'd.):

Direct Access (DA) and Community Choice Aggregation Generation Service (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. These customers shall pay all charges shown in the Unbundling of Total Rates except for the Bundled Power Charge Indifference Adjustment and the generation charge. These customers shall also pay for their applicable Vintaged Power Charge Indifference Adjustment provided in the table below, the franchise fee surcharge provided in Schedule E-FFS, and the Generation Service from their non-utility provider. Exemptions to charges for DA and CCA customers are set forth in Schedules DA CRS and CCA CRS.

Vintaged Power Charge Indifference Adjustment (per kWh)	Rate	
2009 Vintage	\$0.00609	(l)
2010 Vintage	\$0.00917	(l)
2011 Vintage	\$0.00983	(l)
2012 Vintage	\$0.00945	(l)
2013 Vintage	\$0.00960	(l)
2014 Vintage	\$0.00938	(l)
2015 Vintage	\$0.00935	(l)
2016 Vintage	\$0.00916	(l)
2017 Vintage	\$0.00895	(l)
2018 Vintage	\$0.00777	(l)
2019 Vintage	\$0.00610	(l)
2020 Vintage	\$0.00582	(l)
2021 Vintage	(\$0.00418)	(l)
2022 Vintage	\$0.00070	(l)
2023 Vintage	\$0.00648	(l)
2024 Vintage	\$0.00648	(l)

- 18. WILDFIRE FUND CHARGE:** The Wildfire Fund Charge was imposed by California Public Utilities Commission Decisions 19-10-056, 20-07-014, 20-09-005, and 20-09-023 and is property of Department of Water Resources (DWR) for all purposes under California law. The Charge became effective October 1, 2020, and applies to all retail sales, excluding CARE and Medical Baseline sales. The Wildfire Fund Charge (where applicable) is included in customers' total billed amounts. The Wildfire Fund Charge replaces the DWR Bond Charge imposed by California Public Utilities Commission Decisions 02-10-063 and 02-12-082.