



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

Sheet 1

APPLICABILITY: This schedule is applicable to PG&E-owned and maintained lighting installations which illuminate 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)

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. (N)

Monthly facility charges include the costs of owning, operating and maintaining the various lamp types and size. 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. (N)

(D)

(Continued)



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
	\$6.465	\$4.956	\$4.948	\$8.076	\$7.603	\$7.678

Energy Charge Per Lamp Per Month
 All Night Rates

Nominal Lamp Rating

LAMP WATTS	kWh per MONTH	AVERAGE INITIAL LUMENS	All Classes	Half-Hour Adjustment
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INCANDESCENT LAMPS*:

58	20	600	\$2.449 (I)	\$0.111
92	31	1,000	\$3.796 (I)	\$0.173 (I)
189	65	2,500	\$7.959 (I)	\$0.362 (I)
295	101	4,000	\$12.367 (I)	\$0.562 (I)
405	139	6,000	\$17.021 (I)	\$0.774 (I)

MERCURY VAPOR LAMPS*:

100	40	3,500	\$4.898 (I)	\$0.223 (I)
175	68	7,500	\$8.327 (I)	\$0.379 (I)
250	97	11,000	\$11.878 (I)	\$0.540 (I)
400	152	21,000	\$18.612 (I)	\$0.846 (I)
700	266	37,000	\$32.572 (I)	\$1.481 (I)

HIGH PRESSURE SODIUM VAPOR LAMPS:

120 Volts

70	29	5,800	\$3.551 (I)	\$0.161
100	41	9,500	\$5.020 (I)	\$0.228 (I)
150	60	16,000	\$7.347 (I)	\$0.334 (I)
200	80	22,000	\$9.796 (I)	\$0.445 (I)
250	100	26,000	\$12.245 (I)	\$0.557 (I)
400	154	46,000	\$18.857 (I)	\$0.857 (I)

240 Volts

70	34	5,800	\$4.163 (I)	\$0.189
100	47	9,500	\$5.755 (I)	\$0.262 (I)
150	69	16,000	\$8.449 (I)	\$0.384 (I)
200	81	22,000	\$9.918 (I)	\$0.451 (I)
250	100	25,500	\$12.245 (I)	\$0.557 (I)
400	154	46,000	\$18.857 (I)	\$0.857 (I)

* Closed to new installations as of June 8, 1978, except where PG&E and customer shall agree, mercury vapor lamps may be installed under Class A and C to provide compatibility with existing light sources.

** Closed to new installation. See Special Condition 4.

(Continued)



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Sheet 3

RATES: (Cont'd.)

Ballast Factors by Lamp Type and Watt Range (N)

<u>Watt Range</u>	<u>Ballast Factor</u>	(N)	<u>Watt Range</u>	<u>Ballast Factor</u>	(N)
<u>MERCURY VAPOR</u>			<u>HIGH PRESSURE SODIUM VAPOR</u>		
1 to 75	31.00%	(N)	<u>120 Volts</u>		
76 to 125	17.07%		1 to 40	25.44%	(N)
126 to 325	13.69%		41 to 60	22.93%	
326 to 800	11.22%		61 to 85	21.25%	
801 +	10.34%		86 to 125	20.00%	
<u>LOW PRESSURE SODIUM VAPOR</u>			126 +	17.07%	
1 to 40	75.61%		<u>240 Volts</u>		
41 to 75	54.32%		1 to 60	40.49%	
76 to 110	46.34%		61 to 85	42.16%	
111 to 160	34.42%		86 to 125	37.56%	
161 +	26.83%		126 to 175	34.63%	
<u>METAL HALIDE</u>			176 to 225	18.54%	
1 to 85	25.44%		226 to 280	17.07%	(T)
86 to 200	20.39%		281 to 380	12.35%	
201 to 375	22.93%		381 +	12.68%	
376 to 700	18.54%				(N)
701 +	13.27%	(N)			

* Closed to new installations as of June 8, 1978, except where PG&E and Customer shall agree, mercury vapor lamps may be installed under Class A and C to provide compatibility with existing light sources.

** Closed to new installations.

(Continued)



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PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 4

RATES: (Cont'd.)

TOTAL ENERGY RATES

Total Energy Charge Rate (\$ per kWh) \$0.12245 (I)

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	\$0.08032	
Distribution	\$0.02507	
Transmission*	\$0.00650	
Transmission Rate Adjustments* (all usage)	(\$0.00096)	
Reliability Services*	\$0.00027	
Public Purpose Programs	\$0.00270	
Nuclear Decommissioning	\$0.00028	
Competition Transition Charge	\$0.00066	
Energy Cost Recovery Amount	\$0.00270	(I)
DWR Bond	\$0.00491	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

(Continued)



ELECTRIC SCHEDULE LS-1
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Sheet 5

MORE THAN ONE LIGHT ON A POLE:

Where more than one light 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. Applicants may view standard offerings at PG&E local offices or online at PGE.com; (b) Applicant or Customer is responsible for 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.
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.

(N)

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Advice Letter No: 3115-E-A
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Issued by
Brian K. Cherry
 Vice President
 Regulatory Relations

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 Resolution No. E-4121



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

Sheet 8

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 lamps 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.
- 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.

9. PAYMENT FOR INSTALLATION OF LIGHTING FACILITIES: PG&E will provide at its expense the luminaire kit and standard arm for LS-1A and LS-1C for second and multiple lights on a PG&E pole, for Class LS-1D, a standard post top, for Class LS-1E a luminaire kit, and for Class LS-1F a luminaire kit and standard arm. 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.

Any attachments to street light poles requested by governmental agencies requires prior approval by PG&E and execution of a license agreement. Unauthorized attachments are subject to removal.

(N)
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 (N)

(Continued)



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

Sheet 10

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 luminaires provided the Customer pays a facility charge equal to the all-night rate, adjusted to zero burning hours under the provisions of Special Condition 3, plus the estimated cost to disconnect and reconnect the light.
- 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 supply and delivery service solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, the FTA (where applicable), the RRBMA (where applicable), the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC. (T)

(Continued)

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Brian K. Cherry
 Vice President
 Regulatory Relations

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

Sheet 11

SPECIAL
 CONDITIONS:
 (Cont'd.)

17. **BILLING** (Cont'd.):

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, the FTA (where applicable), the RRBMA (where applicable), the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	<u>DA CRS</u>		<u>CCA CRS</u>	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00270	(I)	\$0.00270	(I)
Power Charge Indifference Adjustment (per kWh)	(\$0.00062)		\$0.01934	
DWR Bond Charge (per kWh)	\$0.00491		\$0.00491	
CTC Charge (per kWh)	\$0.00066		\$0.00066	
Total CRS (per kWh)	\$0.00765	(I)	\$0.02761	(I)

18. **DWR BOND CHARGE:** The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.