

**Mailed 6/4/99**

Decision 99-06-015 June 3, 1999

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

Application of Pacific Gas and Electric Company (U 39 E) and the Cities of Monterey, Morgan Hill, and Watsonville for an Order Under Section 851 of the California Public Utilities Code to Sell and Convey Streetlight Systems.

(U 39 E)

Application 99-02-031  
(Filed February 22, 1999)

**OPINION**

**Summary**

We approve the sale and conveyance by Pacific Gas and Electric Company (PG&E or applicant) of its streetlight systems (Streetlight Systems) described in the application located within the Cities of Monterey, Morgan Hill, and Watsonville (Cities). Concurrently upon the transfer and conveyance of the Streetlight Systems, we relieve applicant of the public duties and responsibilities of owning, operating, and maintaining the Streetlight Systems. We authorize the disposition of the gain on the sale to applicant's shareholders, subject to the requirement that applicant file with the Commission the final cost figures for the Streetlight Systems within 30 days following the purchase date of the transactions. Finally, we authorize the use of the pole attachment agreement in the form attached to the application for the attachment of Cities' streetlights to applicant's poles.

**Categorization and Waiver of Review Period**

In Resolution ALJ 176-3011, dated March 4, 1999, the Commission preliminarily categorized this proceeding as ratesetting, and preliminarily determined that hearings were not necessary. No protests have been received.

Given this status, public hearing is not necessary, and it is not necessary to alter the preliminary determination made in Resolution 176-3011

This is an uncontested matter in which the decision grants the relief requested. Accordingly, pursuant to Public Utilities (Pub. Util.) Code § 311(g)(2), the otherwise applicable 30-day period for public review and comment is being waived.

### **Procedural Background**

Applicant is a public utility subject to the jurisdiction of the Commission. On February 22, 1999, applicant filed an application for authority to sell and convey the Streetlight Systems to Cities, which intend to remain applicant's customers on PG&E's LS-2 tariff. Notice of the application appeared in the Daily Calendar on March 2, 1999. No protests were filed. The Office of Ratepayer Advocates (ORA) filed a response on March 29, 1999, and recommended that the sale and conveyance be approved, subject to the condition that applicant be required to reflect in its 1999 general rate case any reduction in revenue requirements by reason of decreases in operation and maintenance expenses resulting from the sale and conveyance.

### **Discussion**

No public utility may transfer its property that is necessary or useful in the performance of its duties to the public without first having secured the Commission's authorization. (Pub. Util. Code § 851.) The Streetlight Systems are presently used for the sale of electrical services, and Pub. Util. Code § 851 applies.

PG&E seeks to sell to each of the Cities the electric streetlight system located within each City. The negotiated purchase prices for the streetlight systems are as follows: (1) Monterey - \$127,280; (2) Morgan Hill - \$323,657; and (3) Watsonville - \$467,403. PG&E wants to sell the streetlight systems because it

has received a fair offer from the Cities. The Cities want to purchase the streetlight systems in order to reduce their electric rates. By purchasing the streetlight systems, the Cities will be able to take electric service under LS-2 tariff, instead of LS-1 tariff, and thereby lower their electric rates.

PG&E estimates that the sales of the streetlight systems will result in a net-of-tax gain of \$811,738. PG&E proposes to allocate the proceeds to the shareholders, since the ratepayers have not contributed capital to the streetlight systems. Moreover, PG&E asserts that the sales do not adversely affect the ratepayers and there will be no change in PG&E's rate base as a result of the sales.

Applicant and Cities entered into agreements (Purchase Agreements) for sale of the Streetlight Systems to Cities, subject to the approval of this Commission. The Streetlight Systems do not include applicant's poles, and the Cities and applicant propose to enter into pole attachment agreements in the form attached to the application.

Applicant represents that the sale and conveyance of the Streetlight Systems will not adversely affect existing ratepayers, who will see neither a decline in service nor an increase in cost as a result. Therefore, under Decision (D.) 89-07-016 (*In re Ratemaking Treatment of Capital Gains Derived from the Sale of a Public Utility Distribution System Serving an Area Annexed by a Municipality or Public Entity*), the gain should accrue to shareholders.

Under the California Environmental Quality Act (CEQA) we must consider the environmental consequences of projects, as defined, that are subject to our discretionary approval. (Public Resources Code § 21080). While transfers of utility assets are generally projects subject to CEQA review by the Commission, the facts of this case indicate that this sale, while a project, is not subject to CEQA. Based upon the record, this sale does not have the potential for

causing a significant effect on the environment, and accordingly the Commission need not perform further CEQA review. (CEQA Guideline 15061(b)(3).)

### **Findings of Fact**

1. Applicant is an electric utility subject to the jurisdiction of the Commission.
2. Notice of the filing of the application appeared in the Daily Calendar on March 2, 1999. No protests were filed.
3. Cities are municipalities created and existing under the laws of the State of California.
4. Applicant has agreed to sell the Streetlight Systems to Cities.
5. The Streetlight Systems are located within the Cities.
6. The Purchase Agreements provide that applicant shall be relieved of its obligations for streetlight service.
7. Applicant's ratepayers have not contributed capital to the Streetlight Systems.
8. The sale and conveyance of the Streetlight Systems will not adversely affect existing ratepayers.
9. Applicant did not object to ORA's recommendation that it be required to reflect the results of the sale and conveyance of the Streetlight Systems in applicant's 1999 general rate case.

### **Conclusions of Law**

1. A public hearing is not necessary.
2. The sale and conveyance of the Streetlight Systems is subject to Pub. Util. Code § 851.
3. The sale and conveyance of the Streetlight Systems does not require further CEQA review by the Commission.
4. The sale and conveyance of the Streetlight Systems should be approved.

5. Applicant should be authorized to enter into pole attachment agreements with Cities as described in the application.

6. Applicant should be relieved of the public duties and responsibilities of owning, operating, and maintaining the Streetlight Systems concurrently with the sale and conveyance of the Streetlight Systems.

7. The proposed sale and conveyance of the Streetlight Systems meet criteria for a public utility to sell utility property to a municipality or governmental entity, and for the utility to accrue any gain on such sale to its shareholders.

8. Applicant should be required to reflect the results of the sale and conveyance of the Streetlight Systems in its 1999 general rate case.

## **O R D E R**

### **IT IS ORDERED that:**

1. Pacific Gas and Electric Company (applicant) may sell and convey to the Cities of Monterey, Morgan Hill, and Watsonville (Cities) the properties (Streetlight Systems) described in the application, subject to the terms and conditions described therein.

2. Applicant may enter into pole attachment agreements with Cities in the form attached to the application.

3. Within 30 days of the sale and conveyance of the Streetlight Systems, applicant shall file an advice letter to report the gain on sale of the Streetlight Systems and may accrue any such gain to its shareholders.

4. The authority granted hereby expires if not exercised within one year of the date of this order.

5. Applicant shall be relieved of the public duties and responsibilities of owning, operating, and maintaining the Streetlight Systems concurrently with the sale and conveyance of the Streetlight Systems.

6. In its test year 1999 general rate case, applicant shall account for the lower operation and maintenance costs resulting from the sale and conveyance of the Streetlight Systems.

7. Application 99-02-031 is closed.

This order is effective today.

Dated June 3, 1999, at San Francisco, California.

RICHARD A. BILAS  
President  
HENRY M. DUQUE  
JOSIAH L. NEEPER  
LORETTA M. LYNCH  
TAL C. FINNEY  
Commissioners



Pacific Gas and Electric Company  
San Francisco, California

Cancelling  
Revised

Revised  
Revised

Cal. P.U.C. Sheet No.  
Cal. P.U.C. Sheet No.

15393-E  
13973-E

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

**APPLICABILITY:** This schedule is applicable to PG&E-owned and maintained lighting installations which illuminate streets, highways, and other public-dedicated outdoor ways and places and which generally utilize PG&E's distribution facilities. Rates of Class A through Class F service will be applicable as determined in Special Condition 4.

**TERRITORY:** The entire territory served.

**RATES:**

CLASS Nominal Lamp Rating	Per Lamp Per Month*				Half-Hour Adjustment
	All Night Rates				
	A	B	C	D	

LAMP WATTS	kWh PER MONTH	AVERAGE INITIAL LUMENS
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**INCANDESCENT LAMPS:\*\***

58	20	600	\$9.843	—	—	—	\$0.065
92	31	1,000	10.624	—	—	—	0.100
189	65	2,000	13.032	\$10.107	—	—	0.210
295	101	4,000	15.684	12.766	—	—	0.326
405	139	6,000	18.877	—	—	—	0.448

**MERCURY VAPOR LAMPS:\*\***

100	40	3,500	9.044	—	\$7.792	—	0.129
175	68	7,500	10.053	7.932	9.795	—	0.219
250	97	11,000	12.034	9.996	—	—	0.313
400	52	21,000	16.482	14.128	—	—	0.490
700	66	37,000	27.007	23.865	—	—	0.858

**HIGH PRESSURE SODIUM VAPOR LAMPS:**

70	29	5,800	7.683	—	6.789	\$10.256	0.094
100	41	9,500	8.596	—	7.734	11.212	0.132
150	60	16,000	10.404	—	9.176	12.635	0.194
200	81	22,000	13.877	—	11.969	—	0.261
250	100	25,500	14.341	—	12.758	—	0.323
400	154	46,000	20.311	—	18.085	—	0.497
250	100	25,500	16.740	22.278	21.590	—	0.323
400	154	46,000	22.710	27.835	27.027	—	0.497

(L)

\* Lamp rates include a Base Charge for the costs of owning, operating and maintaining the various lamp types and sizes and an energy charge of \$0.07097 per kWh. The Base Charge is assigned to distribution, and equals the difference between the total charge per lamp per month and the product of \$0.07097 per kWh and the kWh per month listed above. The energy charge is functionalized on the following page. (T)

\*\* 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. (T)

(Continued)

Advice Letter No. 1692-E-D  
Decision No. 97-08-056

Issued by  
Thomas E. Bottorff  
Vice President  
Rates & Account Services

Date Filed January 28, 1998  
Effective January 1, 1998  
Resolution No. E-3510



Pacific Gas and Electric Company  
San Francisco, California

Cancelling

Revised  
Revised

Cal. P.U.C. Sheet No.  
Cal. P.U.C. Sheet No.

15394-E\*\*  
11605-E

**SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING**  
(Continued)

RATES:  
(Cont'd.)

CLASS Nominal Lamp Rating	Per Lamp Per Month*			Half-Hour Adjustment
	All Night Rates			
	E	F	F.1***	

LAMP WATTS	kWh PER MONTH	AVERAGE INITIAL LUMENS
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**MERCURY VAPOR LAMPS:\*\***

100	40	3,500	-	-	-	\$0.129
175	68	7,500	\$14.120	\$18.439	\$17.373	0.219
250	97	11,000	-	-	-	0.313
400	152	21,000	-	-	-	0.490
700	266	37,000	-	-	-	0.858
1,000	377	57,000	-	-	-	1.216

**HIGH PRESSURE SODIUM VAPOR LAMPS:**

70	29	5,800	10.801	15.187	14.658	0.094
100	41	9,500	11.727	16.294	15.797	0.132
150	50	16,000	13.150	18.073	17.532	0.194
200	81	22,000	16.276	21.611	20.790	0.261
250	100	25,500	16.740	22.278	21.590	0.323
400	154	46,000	22.710	27.835	27.027	0.497

	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom- missioning	Total Rate
ENERGY CHARGE (per kWh):	\$0.00087	\$0.01641	\$0.00404	\$0.04910	\$0.00055	\$0.07097
TRANSMISSION REVENUE						
BALANCING ACCOUNT						
ADJUSTMENT RATE (per kWh per month)	(\$0.00005)	-	-	\$0.00005	-	\$0.00000

Generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Program, Nuclear Decommissioning, and FTA (where applicable) charges. CTC is calculated residually by subtracting the PX charge as calculated in Schedule PX from the generation charge.

- \* Lamp rates include a Base Charge for the costs of owning, operating and maintaining the various lamp types and sizes and an energy charge of \$0.07097 per kWh. The Base Charge is assigned to distribution, and equals the difference between the total charge per lamp per month and the product of \$0.07097 per kWh and the kWh per month listed above.
- \*\* 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)

Advice Letter No. 1692-E-E  
Decision No. 97-08-056

Issued by  
**Thomas E. Bottorff**  
Vice President  
Rates & Account Services

Date Filed May 13, 1998  
Effective January 1, 1998  
Resolution No. E-3510





SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING  
(Continued)

**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:** 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 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.
3. **OPERATING SCHEDULES OTHER THAN ALL-NIGHT:** Rates for regular operating schedules other than full All-Night will be the All-Night 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, nor more than 4,500 hours per year.
4. **DESCRIPTION OF SERVICE PROVIDED:**

**Class A:** PG&E owns and maintains luminaire, control facilities, support arm, and service wiring on its existing distribution pole, and all lights formerly served under Schedule LS-1, Class A, as of September 11, 1978.

**Class B:** PG&E owns and maintains luminaire, control facilities, support arm, pole or post, foundation and service connection and where customer has paid the estimated installed cost of the luminaire, support arm and control facilities (applicable only to installations in service as of September 11, 1978).

**Class C:** PG&E owns and maintains its standard luminaire, control facility, internal pole wiring as required (ownership of pole or post, support arm and foundation by customer). Available only where customer-owned poles comply with PG&E's engineering and operating requirements.

**Class D:** PG&E owns and maintains its standard post top luminaire, control facility, internal post wiring, standard galvanized steel post (20-foot mounting height or less) and foundation where customer pays for the estimated and installed cost of the post, support arm (if any) and foundation.

**Class E:** PG&E owns and maintains its standard luminaire, control facility, internal pole wiring, service connection, galvanized steel pole and foundation where the customer has paid to PG&E the estimated installed cost of the pole, support arm and foundation.

**Class F:** PG&E owns and maintains a standard luminaire, control facility, support arm, and service connection on its wood pole or post, installed solely for the luminaire.

(L)

(L)

(Continued)



Pacific Gas and Electric Company  
San Francisco, California

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Cal. P.U.C. Sheet No.  
Cal. P.U.C. Sheet No.

15396-E  
13241-E

**SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING**  
(Continued)

SPECIAL  
CONDITIONS:  
(Cont'd.)

5. REARRANGEMENT OF FACILITIES: At the customer's request PG&E will make changes to or rearrangement of existing facilities at the customer's expense.
6. UNDERGROUND SERVICE: The applicant at his expense shall perform the necessary trenching, backfill and paving, and shall furnish and install all necessary conduit and substructures including substructures for transformer installations if necessary, for street lights only, in accordance with PG&E's specifications. Upon acceptance by PG&E, ownership of the conduit and substructures shall vest in PG&E.  
  
PG&E, at its expense, will furnish and install the underground service conductor to the handhole of each street light pole where the length of the service is 100 circuit feet or less per luminaire, as measured from the point of connection to the point of secondary supply. For service lengths in excess of 100 feet the applicant shall pay to PG&E the material cost of the conductors in excess of 100 circuit feet.
7. OWNERSHIP: All facilities installed under this schedule except for the Class "C" customer-owned pole or post, support arm and foundation shall vest in PG&E.
8. MAINTENANCE:
  - a. PG&E shall exercise reasonable care and diligence in maintaining PG&E-owned facilities. Maintenance will be performed as an accommodation on a customer-owned Class "C" pole or post, arm and foundation, at the customer's expense, where customer is unable to obtain the service elsewhere. ~~Where PG&E experiences or expects to experience~~ maintenance costs exceeding its normal maintenance expense, resulting from but not limited to vandalism, or unusual nonstandard design of pole, post, or luminaire, PG&E may require the customer to pay excess maintenance costs as may be necessary.
  - b. A charge of \$0.89 per month will be made to provide for pole painting to maintain good appearance. On multi-lamp installations where pole painting is required, this charge will be applied only to the first lamp.
9. SPECIAL EQUIPMENT: Luminaires, poles, posts and other equipment, requested by a customer or applicant, in addition to or in substitution for PG&E's standard galvanized steel poles, galvanized steel posts, photocell controls and equipment, will be provided if such equipment meets PG&E's engineering and operating standards and if the customer or applicant pays the cost difference between the equipment normally provided by PG&E and the equipment requested by the customer or applicant, plus an additional continuing monthly payment equal to the applicable percentage for customer-financed distribution facilities listed in Section I.3 of Rule 2 times the cost difference. This provision is also applicable to special optical filters, shields or other special hardware required or requested by the applicant or any governmental agency having jurisdiction. At the request of the customer or applicant PG&E will install special equipment entirely at PG&E's expense provided the customer agrees to pay a continuing monthly payment equal to the applicable percentage for PG&E-financed distribution facilities listed in Section I.3 of Rule 2 times the cost difference.

(L)

(L)

(L)

(Continued)

Advice Letter No. 1692-E-D  
Decision No. 97-08-056

Issued by  
**Thomas E. Bottorff**  
Vice President  
Rates & Account Services

Date Filed January 28, 1998  
Effective January 1, 1998  
Resolution No. E-3510



SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING  
(Continued)

SPECIAL  
CONDITIONS:  
(Cont'd.)

10. LINE EXTENSIONS: Where PG&E determines that it is necessary to extend its electric distribution lines to serve only a street light or a street lighting system, the applicant shall advance, subject to refund in accordance with electric Rule 15, the estimated installed cost of such line extension, exclusive of service conductors (and transformer if required), under the provisions of Special Condition 9. PG&E may waive the foregoing line extension provisions where the extension is estimated to be of nominal cost and where not more than one pole and one span of overhead line is required to reach PG&E-designated connection point, or in the case of underground facilities, where the first-service delivery point is no greater than 300 feet from PG&E-designated connection point. The cost difference used in calculating the continuing monthly payment as specified in Special Condition 9 will be reduced by an amount equal to any electric Rule 15 refund, and the continuing monthly payment shall be adjusted accordingly. (L)
11. 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. (L)
12. CONTRACT: Service to each light installation shall be an initial contract term of five years and shall automatically continue thereafter from year to year. The initial term shall commence when permanent service is first rendered or within 90 days of when the lights are first ready for service, whichever occurs first. (L)
13. BILLING: A customer's bill is first calculated according to the total rates and conditions above. The following adjustments are made depending on the option applicable to the customer. (N)
- Bundled Service Customers** receive supply and delivery service solely from PG&E. The customer's bill is based on the Total Rate set forth above. The Power Exchange (supply) component is determined by multiplying the average Power Exchange cost for Schedule LS-1 during the last month by the customer's total usage.
- Direct Access Customers** purchase energy from an energy service provider and continue to receive delivery services from PG&E. The Power Exchange component is determined as specified for a Bundled Service Customer. The bill will be calculated as for a Bundled Service Customer, but the customer will receive a credit for the Power Exchange component. If the Power Exchange component is greater than the amount of the Bundled Service bill, the minimum bill for a Direct Access Customer is zero.
- Nothing in this rate schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge. (N)

(Continued)



SCHEDULE LS-1—PG&E-OWNED STREET AND HIGHWAY LIGHTING  
(Continued)

SPECIAL  
CONDITIONS:  
(Cont'd.)

14. BILLING PERCENTAGES:

(N)

Until August 1999, functional charges for customers served under this schedule will be determined by applying the following functional percentages to the energy portion of the Bundled Service bill. The energy portion is equal to the product of the usage (based on size and type of lamp) and the energy charge listed in the Rates section above. The Base Charge is then added to the distribution amount.

<u>Energy Only Transmission</u>	<u>Distribution</u>	<u>Public Purpose Programs</u>	<u>Generation</u>	<u>Nuclear Decommissioning</u>
1.148%	23.131%	5.711%	69.557%	0.453%

Generation charge is calculated based on the total charge (before the Base Charge is added) less the sum of: Distribution, (before the Base Charge is added) Transmission, Public Purpose Programs and Nuclear Decommissioning. CTC is calculated residually by subtracting the Power Exchange component minus the amount of the FTA charge (if applicable) as set forth in the Rates section above.

(N)



Pacific Gas and Electric Company  
San Francisco, California

Cancelling

Revised  
Revised

Cal. P.U.C. Sheet No.  
Cal. P.U.C. Sheet No.

15398-E  
13974-E

# SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING

**APPLICABILITY:** This schedule is applicable service to lighting installations which illuminate streets, highways, and other publicly-dedicated outdoor ways and places where the customer usually owns the lighting fixtures, poles and interconnecting circuits. The customer's facilities must be of good construction acceptable to PG&E and in satisfactory condition to qualify for Class B or C rates.

**TERRITORY:** The entire territory served.

## **RATES:**

CLASS:		A	B	C		
		PG&E supplies energy and switching* service only.	PG&E supplies the energy, switching*, and maintenance service for lamps and glassware.	PG&E supplies the energy, switching*, and maintenance service for entire system including lamps and glassware.		
Nominal Lamp Rating:			Per Lamp Per Month			
LAMP WATTS	KwH PER MONTH	AVERAGE INITIAL LUMENS**	Class A All-Night	Class B All-Night	Class C All-Night	A, B, and C Half-Hour Adjustment
INCANDESCENT LAMPS:						
92	31	1,000	\$2.376	\$5.333	\$5.790	\$0.100
189	65	2,500	4.789	7.741	8.198	0.210
295	101	4,000***	7.344	10.393	10.851	0.326
405	139	6,000***	10.041	13.586	14.043	0.448
620	212	10,000***	15.222	19.649	20.107	0.684
860	294	15,000***	21.042	26.177	—	0.948
MERCURY VAPOR LAMPS:						
100	40	3,500	\$3.015	\$3.919	\$4.376	\$0.129
175	68	7,500	5.002	5.851	6.308	0.219
250	97	11,000	7.060	7.937	8.394	0.313
400	152	21,000	10.964	11.895	12.352	0.490
700	266	37,000	19.055	20.807	21.264	0.858
1,000	377	57,000	26.933	28.384	28.841	1.216
HIGH PRESSURE SODIUM VAPOR LAMPS AT:						
120 VOLTS						
70	29	5,800	\$2.234	\$3.193	\$3.650	\$0.094
100	41	9,500	3.086	4.072	4.529	0.132
150	60	16,000	4.434	5.448	5.905	0.194

(L)

\* Switching Service is closed to new installations.

\*\* Latest published information should be consulted on best available lumens.

\*\*\* Service for incandescent lamps over 2,500 lumens will be closed to new installations after September 11, 1978.

(Continued)

Advice Letter No. 1692-E-D  
Decision No. 97-08-056

Issued by  
Thomas E. Bottorff  
Vice President  
Rates & Account Services

Date Filed January 28, 1998  
Effective January 1, 1998  
Resolution No. E-3510

26328



**SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING**  
(Continued)

RATES:  
(Cont'd.)

CLASS:	A	B	C			
	PG&E supplies energy and switching* service only.	PG&E supplies the energy, switching*, and maintenance service for lamps and glassware.	PG&E supplies the energy, switching*, and maintenance service for entire system including lamps and glassware.			
Nominal Lamp Rating:	Per Lamp Per Month					
LAMP WATTS	kWh PER MONTH	AVERAGE INITIAL LUMENS**	Class A All-Night	Class B All-Night	Class C All-Night	A, B, and C Half-Hour Adjustment
HIGH PRESSURE SODIUM VAPOR LAMPS AT:						
240 VOLTS						
70	34	5,800	\$2.589	\$3.548	\$4.005	\$0.110
100	47	9,500	3.512	4.498	4.955	0.152
150	69	16,000	5.073	6.086	6.543	0.223
200	81	22,000	5.925	6.938	7.395	0.261
250	100	25,000	7.273	8.314	8.771	0.323
310	119	37,000	8.622	—	—	0.384
400	154	46,000	11.106	12.146	12.604	0.497
LOW PRESSURE SODIUM VAPOR LAMPS:						
35	21	4,800	\$1.666	—	—	\$0.068
55	29	8,000	2.234	—	—	0.094
90	45	13,500	3.370	—	—	0.145
135	62	21,500	4.576	—	—	0.200
180	78	33,000	5.712	—	—	0.252
METAL HALIDE LAMPS:						
70	30	5,500	\$2.305	—	—	\$0.097
100	41	8,500	3.086	—	—	0.132
400	162	30,000	11.673	—	—	0.523
1,000	387	90,000	27.642	—	—	1.248

	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decommissioning	Total Rate
ENERGY CHARGE (per kWh):	\$0.00097	\$0.01641	\$0.00404	\$0.04897	\$0.00058	\$0.07097
TRANSMISSION REVENUE BALANCING ACCOUNT ADJUSTMENT RATE						
per kWh per month	(\$0.00017)	—	—	\$0.00017	—	\$0.00000

Lamp rates include a Base Charge for the actual cost of operating and maintaining the various lamp sizes and types and an energy charge of \$0.07097 per kWh. The energy charge is included in the per lamp charges listed above. The Base Charge is assigned to distribution, and equals the difference between the total charge per lamp per month and the product of \$0.07097 per kWh and the kWh per month listed above.

(Continued)



**SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING**

(Continued)

**RATES:**  
(Cont'd)

Generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Program, Nuclear Decommissioning, and FTA (where applicable) charges. CTC is calculated residually by subtracting the PX charge as calculated in Schedule PX from the generation charge.

(N)  
|  
|  
|  
(N)

**SPECIAL  
CONDITIONS:**

1. **TYPE OF SERVICE:** This schedule is applicable to multiple lighting systems to which PG&E will deliver current at secondary voltage and to series street lighting systems for which PG&E will furnish constant current regulating transformers. Multiple current will normally be supplied at 120/240 volt, single-phase. In certain localities PG&E may supply service from 120/208 volt, star connected, polyphase lines in place of 240 volt service. Unless otherwise agreed, series current will be delivered at 6.6 amperes. Single-phase service from 480 volt sources and series circuits will be available in certain areas at the option of PG&E when this type of service is practical from PG&E's engineering standpoint. All currents and voltages stated herein are nominal, reasonable variations being permitted.

(L)

New lights will normally be supplied as multiple systems. Series service to new lights will be made only when it is practical from PG&E's engineering standpoint to supply them from existing series systems.

2. **ANNUAL OPERATING SCHEDULES:** The above rates for All-Night service assume 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.

3. **OPERATING SCHEDULES OTHER THAN ALL-NIGHT:** Rates for regular operating schedules other than full all-night will be the All-Night rate plus or minus, respectively, the half-hour adjustment for each half-hour more or less than an average of 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 3 hours per night, nor more than 4,500 hours per year.

4. **POINT OF DELIVERY:** Delivery will be made from PG&E's existing electric lines without extension thereof to customer's system at a point or points mutually agreed upon except as provided in Special Condition 9. PG&E will provide at its expense an overhead service drop to a customer-owned interconnected group of lamps having a connected load of not less than 2 kW. For a customer-owned interconnected group of lamps having a connected load of less than 2 kW or individual customer electroliers with a self-contained photo cell switch, (1) PG&E will connect the customer's overhead service wire to PG&E's overhead lines at the customer's expense, or (2) at the customer's option, PG&E will install, own and maintain the overhead service provided the customer pays the initial cost of the service plus the applicable percentage for customer-financed distribution facilities listed in Section 1.3 of Rule 2 times such initial cost. When 480 volt service is desired by the customer, energy will be supplied from overhead facilities at 480 volts, single-phase, for an interconnected group of lamps provided the total connected load of the interconnected group of lamps to be so served is not less than 8 kW. For a customer-owned interconnected system of less than 8 kW but not less than 2 kW, energy will be supplied at 120/240 volts unless the customer pays the additional cost of a 480 volt supply.

(L)

(Continued)

**SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING**

(Continued)

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

5. **UNDERGROUND SERVICE CONNECTION:** PG&E will provide an underground service connection at its expense from either its overhead or underground system to one electrolier of each group of interconnected electroliers provided (1) the customer has arranged the system for the least practical number of points of delivery, (2) there are not less than 10 electroliers in the group and (3) there is not less than three kW connected load. This service connection shall not exceed 25 feet of underground run from the base of PG&E's pole in an overhead line nor exceed 40 feet of underground run from a location where service is available in an underground system. PG&E will extend the underground service beyond the free length at the customer's request in accordance with Special Condition 8.

Where the customer requests an underground service to (1) a system of less than 10 electroliers or 3 kW connected load, or (2) an individual electrolier, the customer shall install and own the extension from his system or electrolier to PG&E's distribution system where service is readily available and shall pay the cost of connecting to PG&E's distribution system, including any necessary conduit or riser material.

6. **SWITCHING:** Where the connected street light load on each circuit separately switched is less than 2 kW for multiple circuits served from overhead lines or less than 10 kW for series circuits served from overhead lines the customer shall pay an extra charge of \$3.00 per month for each circuit separately switched by PG&E, except where switching facilities have been installed by PG&E for its convenience.

## 7. MAINTENANCE:

- a) The Class B and C rates include all labor and material necessary for the inspection, cleaning, or replacement by PG&E of lamps and glassware. Replacement is limited to certain glassware such as is commonly used and manufactured in reasonably large quantities. A suitable extra charge will be made for maintenance of glassware of a type entailing unusual expense. The Class C rate also includes all labor and material necessary for replacement by PG&E of photoelectric controls.
- b) Under the Class C rate PG&E will:
- 1) Charge \$0.89 per month to provide for pole painting to maintain good appearance. On multi-lamp installations where pole painting is required, this charge will be applied only to the first lamp.
  - 2) Isolate any trouble in the customer's system which has resulted in an outage of diminished light output.
  - 3) Make necessary repairs without replacement on accessible wiring between poles and on equipment and wiring in and on poles to keep the system in operating condition.

(L)

(Continued)





**SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING**  
(Continued)

SPECIAL  
CONDITIONS:  
(Cont'd.)

7. MAINTENANCE: (Cont'd.)

(L)

b) (Cont'd.)

- 4) Provide labor for the replacement of material such as ballasts, photoelectric controls, relays, fixtures, individual poles, individual cable runs between poles where such runs are in conduit, and other individual parts of the system.
- 5) Be compensated by the customer for any material furnished by PG&E, except for replacement photoelectric controls.
- 6) Not be responsible for excavation or any major replacement of circuits, conduits, poles, or fixtures owned by the customer.

- c) This schedule does not provide for maintenance to low pressure sodium vapor or metal halide lamps; however, at the request of the customer, PG&E will perform any of the routine maintenance described above on a time and material cost basis provided PG&E's regular standard maintenance equipment and procedures can be used.

8. SYSTEMS OWNED IN PART BY PG&E: Where, after the date this provision is first effective, PG&E installs and thereafter owns and maintains any portion of the fixtures, poles, circuits, or other facilities that comprise customer's street lighting system, an additional monthly charge equal to the applicable percentage for PG&E-financed distribution facilities listed in Section 1.3 of Rule 2 times PG&E's estimated installed cost of such facilities will be made. If such facilities were installed prior to the date this provision is first effective, the additional monthly charge will be 1-3/4 percent of such cost.\*\*\*\* Customer or others may elect to pay PG&E's estimated installed cost of such facilities, in which event the additional monthly charge will be the applicable percentage for customer-financed distribution facilities listed in Section 1.3 of Rule 2 times such cost.

(L)

(Continued)



**SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING**  
(Continued)

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

9. **LINE EXTENSIONS:** Where PG&E extends its electric lines to serve customer's street lighting system, an additional monthly charge equal to the applicable percentage for PG&E-financed distribution facilities listed in Rule 2 times PG&E's estimated installed cost of such line extension, exclusive of service connection (and transformer, if required) furnished under Special Conditions 1, 4, and 5 will be made. If customer elects to advance PG&E's estimated installed cost of such extension, the additional monthly charge will be the applicable percentage for customer-financed distribution facilities listed in Rule 2 times PG&E's estimated cost. PG&E may waive the foregoing provisions where the extension is estimated to be of nominal cost and where not more than one pole and one span of line is required. If such extension, or any portion thereof, is utilized to serve new separately metered permanent load for which an excess allowance is allowed under Rule 15, such cost to be used in determining the additional monthly charge will thereafter be reduced in proportion to the relative excess allowance for the new load, if any, as compared to the cost of the original extension. If an advance has been made as provided above, and if under Rule 15, an excess allowance remains after the new load is installed, all or part of the advance will be refunded without interest to the customer. Such refunds, if any, will be made following the connection of such new load. If such extension is part of a series of extensions, on any of which an advance is still refundable, refunds due from new load will be made in turn as provided in Rule 15. No payment will be made in excess of the original amount advanced.
10. **STREET LIGHT LAMPS - STANDARD AND NONSTANDARD RATINGS:** The rates under Classes B and C are applicable to both standard and group replacement street lamps. Standard and group replacement street lamps have reference only to street lamps having wattage and operating life ratings within three percent of those specified in the EEI-NEMA Standards for Filament Lamps Used in Street Lighting. Where Class A service is supplied to lamps of other ratings than those specified in EEI-NEMA Standards an adjustment will be made in the lamp rates proportionate to the difference between the wattage of the lamps and the standard lamps of the same lumen rating.
11. **CONTRACT:** A contract will be required for service.
12. **POLE CONTACT AGREEMENT:** Where a customer requests to have a portion or all customer-owned street lighting facilities in contact with PG&E's distribution poles, a PG&E Pole Agreement (Form 79-938) will be required.

(Continued)



SCHEDULE LS-2—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING  
(Continued)

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

13. **BILLING:** A customer's bill is first calculated according to the total rates and conditions above. The following adjustments are made depending on the option applicable to the customer.

**Bundled Service Customers** receive supply and delivery service solely from PG&E. The customer's bill is based on the Total Rate set forth above. The Power Exchange (supply) component is determined by multiplying the average Power Exchange cost for Schedule LS-2 during the last month by the customer's total usage.

**Direct Access Customers** purchase energy from an electric service provider and continues to receive delivery services from PG&E. The Power Exchange component is determined as specified for a Bundled Service Customer. The bill will be calculated as for a Bundled Service Customer, but the customer will receive a credit for the Power Exchange component. If the Power Exchange component is greater than the amount of the Bundled Service bill, the minimum bill for a Direct Access Customer is zero.

Nothing in this rate schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge.

14. **BILLING PERCENTAGES:**

Until August 1999, functional charges for customers served under this schedule will be determined by applying the following functional percentages to the energy portion of the Bundled Service bill. The energy portion is equal to the product of the usage (based on size and type of lamp) and the energy charge listed in the Rates section above. The Base Charge is then added to the distribution amount.

<u>Transmission</u>	<u>Distribution</u>	<u>Public Purpose Programs</u>	<u>Generation</u>	<u>Nuclear Decommissioning</u>
1.148%	23.131%	5.711%	69.557%	0.453%

Generation charge is calculated based on the total charge (before the Base Charge is added) less the sum of: Distribution, (before the Base Charge is added) Transmission, Public Purpose Programs and Nuclear Decommissioning. CTC is calculated residually by subtracting the Power Exchange component minus the amount of the FTA charge (if applicable) as set forth in the Rates section above.

(N)

(N)



**Pacific Gas and Electric Company**  
San Francisco, California

Cancelling

Revised  
Revised

Cal. P.U.C. Sheet No.  
Cal. P.U.C. Sheet No.

15405-E\*  
13976-E

### SCHEDULE LS-3—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING ELECTROLIER METER RATE

**APPLICABILITY:** Applicable to service to electrolier lighting systems, excluding incandescent luminaires, which illuminate streets, highways, and other publicly dedicated outdoor ways and places where the customer usually owns the lighting fixtures, poles and interconnecting circuits, and PG&E furnishes energy at one or more central points.

**TERRITORY:** The entire territory served.

**RATES:**

	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom- missioning	Total Rate	(T)
ENERGY CHARGE, per kWh	\$0.00087	\$0.01641	\$0.00404	\$0.04910	\$0.00055	\$0.07097	
CUSTOMER CHARGE, per meter per month	-	\$3.00	-	-	-	\$3.00	
SWITCHING CHARGE, per each circuit switched (Switching Service is closed to new installations.)	-	\$3.25	-	-	-	\$3.25	
TRANSMISSION REVENUE BALANCING ACCOUNT ADJUSTMENT RATE (per kWh per month)	(\$0.00005)	-	-	\$0.00005	-	\$0.00000	(T)   (N)   (N)

Generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Program, Nuclear Decommissioning, and FTA (where applicable) charges. CTC is calculated residually by subtracting the PX charge as calculated in Schedule PX from the generation charge.

**SPECIAL  
CONDITIONS:**

1. **TYPE OF SERVICE:** This schedule is applicable to multiple lighting systems to which

PG&E will deliver current at secondary voltage and to series street lighting systems for which PG&E will furnish constant current regulating transformers. Multiple current will normally be supplied at 120/240 volts, single-phase. (In certain localities PG&E supplies service from 120/208 volt, wye-connected, polyphase lines in place of 240 volt service.) Unless otherwise agreed, series current will be delivered at 6.6 amperes. Single-phase service from 480 volt sources will be available in certain areas at the option of PG&E when this type of service is practical from PG&E's engineering standpoint. All currents and voltages stated herein are nominal, reasonable variations being permitted.

New lights will normally be supplied as multiple systems. Series service to new lights will be made only when it is practical from PG&E's engineering standpoint to supply them from existing series systems.

(L)

(Continued)

Advice Letter No. 1692-E-E  
Decision No. 97-08-056

Issued by  
**Thomas E. Bottorff**  
Vice President  
Rates & Account Services

Date Filed May 13, 1998  
Effective January 1, 1998  
Resolution No. E-3510

28973 x



**SCHEDULE LS-3—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING ELECTROLIER METER RATE**  
(Continued)

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

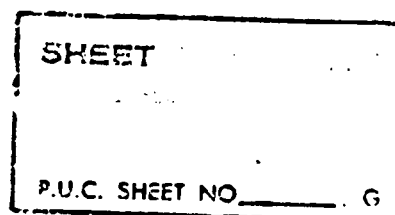
2. **POINT OF DELIVERY:** Delivery will be made from PG&E's existing electric lines without extension thereof to customer's system at a point or points mutually agreed upon except as provided in Special Condition 8. PG&E will provide at its expense an overhead service drop to a customer-owned interconnected group of lamps having a connected load of not less than 2 kW. For a customer-owned interconnected group of lamps having a connected load of less than 2 kW (1) PG&E will connect the customer's overhead service wire to PG&E's overhead lines at the customer's expense, or (2) at the customer's option, PG&E will install, own and maintain the overhead service provided the customer pays the initial cost of the service plus the applicable percentage for customer-financed distribution facilities listed in Section 1.3 of Rule 2 times such initial cost. When 480 volt service is desired by the customer, energy will be supplied from overhead facilities at 480 volts, single-phase for an interconnected group of lamps provided the total connected load of the interconnected group of lamps to be so served is not less than 8 kW. For a customer-owned interconnected system of less than 8 kW but not less than 2 kW, energy will be supplied at 120/240 volts unless the customer pays the additional cost of a 480 volt supply. (L)
  
3. **UNDERGROUND SERVICE CONNECTION:** PG&E will provide an underground service connection at its expense from either its overhead or underground system to one electrolier of each group of interconnected electroliers provided (1) the customer has arranged the system for the least practical number of points of delivery, (2) there are not less than 10 electroliers in the group, and (3) there is not less than 3 kW connected load. This service connection shall not exceed 25 feet of underground run from the base of PG&E's pole in an overhead line nor exceed 40 feet of underground run from a location where service is available in an underground system. PG&E will extend the underground service beyond the free length at the customer's request in accordance with Special Condition 7. (L)
  

Where the customer requests an underground service to a system of less than 10 electroliers or 3 kW of connected load the customer shall install and own the extension from his system to PG&E's distribution system where service is readily available and shall pay the cost of connecting to PG&E's distribution system.

  
4. **GENERAL:** Each point of delivery to an electrolier circuit or circuits will be metered and billed separately. The meter will be located at a suitable location. The billing demand will be based upon the connected load or upon the metered demand, but will be not less than 3 kW.
  

The connected load upon which the energy charges will be based will be the sum of the ratings of all lamps that may be connected to the system plus the wattage losses for the associated ballasts, computed to the nearest one-tenth kW. All lamps and ballasts will be counted at the manufacturer's nameplate or catalog rating in kW (one kW equivalent one kVa), or at ratings determined by test.

  
5. **SWITCHING:** Switching service will not be provided by PG&E for systems connected after September 11, 1978. (L)



(Continued)



SCHEDULE LS-3—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING ELECTROLIER METER RATE  
(Continued)

SPECIAL  
CONDITIONS:  
(Cont'd.)

6. MAINTENANCE: This schedule does not contemplate maintenance within the rates as shown above. However, at the request of the customer, PG&E will replace lamps and glass or unit coverings, ballasts, and do other normal system maintenance on a time and material cost basis provided the regular standard maintenance equipment and procedures can be used. (L)
7. SYSTEMS OWNED IN PART BY PG&E: Where PG&E installs and thereafter owns and maintains and portion of the fixtures, poles, circuits or other facilities that comprise customer's street lighting system, an additional monthly charge equal to the applicable percentage for PG&E-financed distribution facilities listed in Section I.3 of Rule 2 times PG&E's estimated installed cost of such facilities will be made. If such facilities were installed prior to the date this provision is first effective, the additional monthly charge will be 1¼% of such cost. Customer or others may elect to pay PG&E's estimated installed cost of such facilities, in which event the additional monthly charge will be equal to the applicable percentage for customer-financed distribution facilities listed in Section I.3 of Rule 2 times PG&E's estimated cost.
8. LINE EXTENSIONS: Where PG&E extends its electric lines to serve customer's street lighting system, an additional monthly charge equal to the applicable percentage for PG&E-financed distribution facilities listed in Rule 2 times PG&E's estimated installed cost of such line extension, exclusive of service connection (and transformer, if required) furnished under Special Condition 1, 2, and 3 will be made. If customer elects to advance PG&E's estimated installed cost of such extension, the additional monthly charge will be the applicable percentage for customer-financed distribution facilities listed in Rule 2 times such cost. PG&E may waive the foregoing provisions where the extension is estimated to be of nominal cost and where not more than one pole and one span of line is required. If such extension, or any portion thereof, is utilized to serve new separately metered permanent load for which an excess allowance is allowed under Rule 15, such cost to be used in determining the additional monthly charge will thereafter be reduced in proportion to the relative excess allowance for the new load, if any, as compared to the cost of the original extension. If an advance has been made as provided above, and if under said Rule 15, an excess allowance remains after said new load is installed, all or part of the advance will be refunded without interest to the customer. Such refunds, if any, will be made following the connection of such new load. If such extension is part of a series of extensions, on any of which an advance is still refundable, refund due from new load will be made in turn as provided in Rule 15. No payment will be made in excess of the original amount advanced. (L)

(Continued)



**SCHEDULE LS-3—CUSTOMER-OWNED STREET AND HIGHWAY LIGHTING ELECTROLIER METER RATE**  
(Continued)

SPECIAL  
CONDITIONS:  
(Cont'd.)

9. BILLING: A customer's bill is first calculated according to the total rates and conditions above. The following adjustments are made depending on the option applicable to the customer.

**Bundled Service Customers** receive supply and delivery service solely from PG&E. The customer's bill is based on the Total Rate set forth above. The Power Exchange (supply) component is determined by multiplying the average Power Exchange cost for Schedule LS-3 during the last month by the customer's total usage.

**Direct Access Customers** purchase energy from an energy service provider and continue receiving delivery services from PG&E. The Power Exchange component is determined as specified for a Bundled Service Customer. The bill will be calculated as for a Bundled Service Customer, but the customer will receive a credit for the Power Exchange component. If the Power Exchange component is greater than the amount of the Bundled Service bill, the minimum bill for a Direct Access Customer is zero.

**Hourly PX Pricing Option Customers** receive supply and delivery services solely from PG&E. A customer taking Hourly PX Pricing Option service must have an interval meter installed at its premise to record hourly usage, since Power Exchange costs change hourly. The bill for a Hourly PX Pricing Option Customer is determined by calculating the bill as if it were a Bundled Service Customer, then crediting the bill by the amount of the Power Exchange component, as determined for Bundled Service and Direct Access Customers, then adding the hourly Power Exchange component which is determined by multiplying the hourly energy used in the billing period by the hourly cost of energy from the Power Exchange.

Nothing in this rate schedule prohibits a marketer or broker from negotiating with customers the method by which their customer will pay the CTC charge.

10. BILLING FOR CUSTOMERS WITHOUT INTERVAL METERS: All hourly PX pricing option customers and those direct access customers with interval meters will be billed as described in the Rates section above.

All bundled service customers and direct access customers without interval meters will be billed using the Total Rates listed in the Rates section above. Until August 1999, charges for each function will be determined by applying the following functional percentages to the total charge:

<u>Transmission</u>	<u>Distribution</u>	<u>Public Purpose Programs</u>	<u>Generation</u>	<u>Nuclear Decommissioning</u>
1.148%	23.131%	5.711%	69.557%	0.453%

Generation charge is calculated based on the total charge less the sum of: Distribution, Transmission, Public Purpose Programs and Nuclear Decommissioning. CTC is calculated residually by subtracting the Power Exchange component minus the amount of the FTA charge (if applicable) as set forth in the Rates section above.