

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

Tel. No. (415) 703-1691



April 1, 2004

Advice Letter 2480-E

Ms Anita Smith, Rate Analyst
Pacific Gas and Electric Company
77 Beale Street, Mail Code 10B
San Francisco, CA 94177

Subject: Revision to Schedule LS-2A – Customer-Owned Street and Highway Lighting – new rates

Dear Ms Smith:

Advice Letter 2480-E is effective March 5, 2004. A copy of the advice letter is returned herewith for your records.

Sincerely,

A handwritten signature in cursive script that reads "Paul Clanon".

Paul Clanon, Director
Energy Division



Karen A. Tomcala
Vice President
Regulatory Relations

77 Beale Street, Room 1065
San Francisco, CA 94105

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March 5, 2004

**Advice 2480-E
(Pacific Gas and Electric Company ID U39E)**

Public Utilities Commission of the State of California

Subject: Revise Electric Schedule LS-2 to Add Special Streetlight Rates

Pacific Gas and Electric Company (PG&E) hereby submits for filing revisions to its electric tariffs. The affected tariff sheets are listed on the enclosed Attachment I.

Purpose

The purpose of this filing is to submit revisions to electric rate Schedules LS-2--*Customer-Owned Street and Highway Lighting*, to add rates for streetlights that were previously approved by the Commission as "special streetlights".

Background

PG&E occasionally receives service requests for streetlights that are of a different wattage or operating period than is delineated in PG&E's streetlight rate schedules. Rates for these "special streetlights" were computed using approved LS-1 and LS-2 base and energy rates and implemented via Special Rate Authorization. Decision 93-06-087 approved the special streetlight rates currently in effect. PG&E now asks the Commission to approve the transfer of the lamp types and sizes designated below to the LS-2 rate schedule:

<u>Lamp Type & Size</u>	<u>Transfer To</u>	<u>Rate</u>	<u>Half Hour Adjustment</u>
Incandescent Lamps			
58 Watts	LS-2A	\$2.705	\$0.115
Mercury Vapor Lamps			
40 Watts	LS-2A	\$2.453	\$0.103
50 Watts	LS-2A	\$2.958	\$0.126
High Pressure Sodium Vapor Lamps			
35 Watts (120 Volts)	LS-2A	\$2.073	\$0.086
50 Watts (120 Volts)	LS-2A	\$2.832	\$0.121
200 Watts (120 Volts)	LS-2A	\$10.294	\$0.460
50 Watts (240 Volts)	LS-2A	\$3.211	\$0.138
Metal Halide Lamps			
175 Watts	LS-2A	\$9.282	\$0.414

Authorization for this change is requested because PG&E currently provides streetlight service for the lamp types shown above in its LS rates and needs to show in its streetlight rate schedules the rates for all lamp types and sizes where the operating hours are for all-night operation.

The methodology for calculating special rates is identical to that used to develop the existing Schedule LS-2 rates. The rate calculations are shown in Attachment II..

Protests

Anyone wishing to protest this filing may do so by sending a letter by **March 25, 2004**, which is 20 days from the date of this filing. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. Protests should be mailed to:

IMC Branch Chief – Energy Division
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102
Facsimile: (415) 703-2200
E-mail: jjr@cpuc.ca.gov

Protests also should be sent by e-mail and facsimile to Mr. Jerry Royer, Energy Division, as shown above, and by U.S. mail to Mr. Royer at the above address.

The protest should be sent via both e-mail and facsimile to PG&E on the same date it is mailed or delivered to the Commission at the address shown below.

Pacific Gas and Electric Company
Attention: Brian Cherry
Director, Regulatory Relations
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177
Facsimile: (415) 973-7226
E-mail: RxDd@pge.com

Effective Date

PG&E requests that this advice filing become effective on **March 5, 2004**, which is the date of filing.

Notice

In accordance with General Order 96-A, Section III, Paragraph G, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the

attached list. Address changes should be directed to Sandra Ciach at (415) 973-7572. Advice letter filings can also be accessed electronically at:

<http://www.pge.com/tariffs>

Karen A. Domeda /s/
Vice President - Regulatory Relations

Attachments

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
21503-E	Electric Rate Schedule LS-2 – Customer-Owned Street and Highway Lighting	21406-E
21504-E	Electric Rate Schedule LS-2 (Continued)	21407-E
21505-E	Table of Contents – Rate Schedules (Continued)	21475-E
21506-E	Table of Contents	21478-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: Total bundled service charges are calculated using the total rates shown below. Direct access charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

Lamp rates include a Base Charge for the actual cost of operating and maintaining the various lamp sizes and types and an energy charge. 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 the energy charge per kWh and the kWh per month listed below.

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:						
58	20	600	\$2.199	—	—	\$0.032 (N)
92	31	1,000	3.311	\$6.268	\$6.726	0.143
189	65	2,500	6.750	9.702	10.159	0.299
295	101	4,000***	10.391	13.440	13.898	0.464
405	139	6,000***	14.234	17.779	18.237	0.639
620	212	10,000***	21.618	26.045	26.502	0.975
860	294	15,000***	29.911	35.046	—	1.352
MERCURY VAPOR LAMPS:						
40	18	1,300	\$1.996	—	—	\$0.083 (N)
50	22	1,650	2.401	—	—	0.101 (N)
100	40	3,500	4.221	\$5.125	\$5.583	0.184
175	68	7,500	7.053	7.902	8.360	0.313
250	97	11,000	9.986	10.863	11.320	0.446
400	152	21,000	15.549	16.480	16.938	0.699
700	266	37,000	27.079	28.831	29.289	1.223
1,000	377	57,000	38.306	39.757	40.214	1.733

* 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)



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:						
120 VOLTS						
35	15	2,200	\$1.693	-	-	\$0.069 (N)
50	21	3,300	2.300	-	-	0.097 (N)
70	29	5,800	3.109	\$4.068	\$4.525	0.133
100	41	9,500	4.323	5.309	5.766	0.097
150	60	16,000	6.244	7.258	7.715	0.276
200	80	22,000	8.267	-	-	0.368 (N)
HIGH PRESSURE SODIUM VAPOR LAMPS AT:						
240 VOLTS						
50	24	3,300	\$2.603	-	-	\$0.110 (N)
70	34	5,800	3.615	\$4.573	\$5.030	0.156
100	47	9,500	4.929	5.915	6.373	0.216
150	69	16,000	7.155	8.168	8.625	0.317
200	81	22,000	8.368	9.381	9.839	0.368
250	100	25,500	10.290	11.331	11.788	0.460
310	119	37,000	12.212	-	-	0.547
400	154	46,000	15.751	16.792	17.249	0.708
LOW PRESSURE SODIUM VAPOR LAMPS:						
35	21	4,800	\$2.300	-	-	\$0.097
55	29	8,000	3.109	-	-	0.133
90	45	13,500	4.727	-	-	0.207
135	62	21,500	6.447	-	-	0.285
180	78	33,000	8.065	-	-	0.359
METAL HALIDE LAMPS:						
70	30	5,500	\$3.210	-	-	\$0.138
100	41	8,500	4.323	-	-	0.188
175	72	14,000	7.458	-	-	0.331 (N)
400	162	30,000	16.561	-	-	0.745
1,000	387	90,000	39.317	-	-	1.779

* Switching Service is closed to new installations.

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

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E-36	Small General Service to Oil and Gas Extraction Customers	21390 to 21393-E
E-37	Medium General Demand-Metered Time-of-Use Service to Oil and Gas Extraction Customers	21394,17108,21395,21396,21397,19315,21398,21399-E
ED	Experimental Economic Development Rate	20956,20957-E
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LS-2	Customer-Owned Street and Highway Lighting	21503,21504,21408,21409,15401,15402,15403,21410-E	(T)
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TC-1	Traffic Control Service	21414,21415,20763,21416-E	
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(Continued)

PACIFIC GAS AND ELECTRIC COMPANY

Derivation of LS-2A Rate For "Special Streetlights" Transferred to Rate Schedule LS-2A

Trans + Rel.Svcs.+ TRBA Adj. Rate + TAC	\$0.00418	ENERGY COMPONENTS		
DISTRIBUTION	0.02631	EFFECTIVE: ----	4-1-04	(Bankruptcy Settlement Agreement Rates)
PUBLIC PURPOSE PROGRAMS	0.00324			
GENERATION + DWR + Reg Asset	0.06692	FIXED CHARGES		
NUCLEAR DECOMMISSIONING	0.00049	EFFECTIVE: ----	7-15-93	
	<u>\$0.10114</u>			

LS-2A					
600 Initial Lumens	20 KWHR/Mo.				
Incandescent	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
58 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 20 KWHR =	<u>2.023</u>
120 Volts	Total Rate				\$2.199
	1/2 Hr. Adj.	4-1-04	=	\$0.092	

LS-2A					
1300 Initial Lumens	18 KWHR/Mo.				
Mercury Vapor	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
40 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 18 KWHR =	<u>1.821</u>
120 Volts	Total Rate				\$1.996
	1/2 Hr. Adj.	4-1-04	=	\$0.083	

LS-2A					
1650 Initial Lumens	22 KWHR/Mo.				
Mercury Vapor	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
50 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 22 KWHR =	<u>2.225</u>
120 Volts	Total Rate				\$2.401
	1/2 Hr. Adj.	4-1-04	=	\$0.101	

LS-2A					
14000 Initial Lumens	72 KWHR/Mo.				
Metal Halide	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
175 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 72 KWHR =	<u>7.282</u>
120 Volts	Total Rate				\$7.458
	1/2 Hr. Adj.	4-1-04	=	\$0.331	

LS-2A					
2200 Initial Lumens	15 KWHR/Mo.				
HPSV	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
35 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 15 KWHR =	<u>1.517</u>
120 Volts	Total Rate				\$1.693
	1/2 Hr. Adj.	4-1-04	=	\$0.069	

PACIFIC GAS AND ELECTRIC COMPANY

Derivation of LS-2A Rate For "Special Streetlights" Transferred to Rate Schedule LS-2A

Trans + Rel.Svcs.+ TRBA Adj. Rate + TAC	\$0.00418	ENERGY COMPONENTS		
DISTRIBUTION	0.02631	EFFECTIVE: ----	4-1-04	(Bankruptcy Settlement Agreement Rates)
PUBLIC PURPOSE PROGRAMS	0.00324			
GENERATION + DWR + Reg Asset	0.06692	FIXED CHARGES		
NUCLEAR DECOMMISSIONING	0.00049	EFFECTIVE: ----	7-15-93	
	<u>\$0.10114</u>			

LS-2A					
3300 Initial Lumens	21 KWHR/Mo.				
HPSV	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
50 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 21 KWHR =	2.124
120 Volts	Total Rate				<u>\$2.300</u>
	1/2 Hr. Adj.	4-1-04	=	\$0.097	

LS-2A					
3300 Initial Lumens	24 KWHR/Mo.				
HPSV	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
50 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 24 KWHR =	2.427
240 Volts	Total Rate				<u>\$2.603</u>
	1/2 Hr. Adj.	4-1-04	=	\$0.110	

LS-2A					
22000 Initial Lumens	80 KWHR/Mo.				
HPSV	LS-2A -- Fixed Charge	7-15-93	=		\$0.176
200 Watts	Base Energy Charge	4-1-04	=	\$0.10114 X 80 KWHR =	8.091
120 Volts	Total Rate				<u>\$8.267</u>
	1/2 Hr. Adj.	4-1-04	=	\$0.368	

Notes:

- (1) All-night streetlight operates 4100 hrs. per year.
- (2) All-night streetlight operates 342 hours per month (4,100 hrs. per yr. /12 = 342 hrs. per mo.)
- (3) All-night streetlights assume an average of approximately 11 hours operation per night.
- (4) Half hour adjustment for an all-night streetlights is the base energy charge per kWh / 22 half hour adjustment periods X lamp's kWhr/month.

**PG&E Electric Advice Filing List
General Order 96-A, Section III(G)**

ABAG Power Pool	Duncan, Virgil E.	Sempra Energy
Aglet Consumer Alliance	Dutcher, John	Sequoia Union HS Dist
Agnews Developmental Center	Dynegy Inc.	SESCO
Ahmed, Ali	Ellison Schneider	Sierra Pacific Power Company
Alcantar & Elsesser	Energy Law Group LLP	Silicon Valley Power
Anderson Donovan & Poole P.C.	Enron Energy Services	Simpson Paper Company
Applied Power Technologies	Exeter Associates	Smurfit Stone Container Corp
APS Energy Services Co Inc	Foster, Wheeler, Martinez	Southern California Edison
Arter & Hadden LLP	Franciscan Mobilehome	SPURR
Avista Corp	Future Resources Associates, Inc	St. Paul Assoc
Barkovich & Yap, Inc.	GLJ Energy Publications	Stanford University
BART	Goodin, MacBride, Squeri, Schlotz &	Sutherland, Asbill & Brennan
Bartle Wells Associates	Grueneich Resource Advocates	Tabors Caramanis & Associates
Blue Ridge Gas	Hanna & Morton	Tansev and Associates
Bohannon Development Co	Heeg, Peggy A.	Tecogen, Inc
BP Energy Company	Hogan Manufacturing, Inc	TFS Energy
Braun & Associates	House, Lon	TJ Cross Engineers
C & H Sugar Co.	Imperial Irrigation District	Transwestern Pipeline Co
CA Bldg Industry Association	Integrated Utility Consulting Group	Turlock Irrigation District
CA Cotton Ginners & Growers Assoc.	International Power Technology	United Cogen Inc.
CA League of Food Processors	J. R. Wood, Inc	URM Groups
CA Water Service Group	JTM, Inc	Utility Cost Management LLC
California Energy Commission	Kaiser Cement Corp	Utility Resource Network
California Farm Bureau Federation	Korea Elec Power Corp	Wellhead Electric Company
California ISO	Marcus, David	Western Hub Properties, LLC
Calpine	Masonite Corporation	White & Case
Calpine Corp	Matthew V. Brady & Associates	WMA
Calpine Gilroy Cogen	Maynor, Donald H.	
Cambridge Energy Research Assoc	McKenzie & Assoc	
Cameron McKenna	McKenzie & Associates	
Cardinal Cogen	MEEK, Daniel W.	
Cellnet Data Systems	Mirant California, LLC	
Childress, David A.	Modesto Irrigation Dist	
City of Glendale	Morrison & Foerster	
City of Healdsburg	Morse Richard Weisenmiller & Assoc.	
City of Palo Alto	New United Motor Mfg, Inc	
City of Redding	Norris & Wong Associates	
CLECA Law Office	North Coast Solar Resources	
Constellation New Energy	Northern California Power Agency	
CPUC	PG&E National Energy Group	
Creative Technology	Pinnacle CNG Company	
Crossborder Inc	PPL EnergyPlus, LLC	
CSC Energy Services	Price, Roy	
Davis, Wright Tremaine LLP	Product Development Dept	
Davis, Wright, Tremaine, LLP	Provost Pritchard	
Defense Fuel Support Center	R. M. Hairston & Company	
Department of the Army	R. W. Beck & Associates	
Department of Water & Power City	Recon Research	
Dept of the Air Force	Regional Cogeneration Service	
DGS Natural Gas Services	RMC Lonestar	
DMM Customer Services	Sacramento Municipal Utility District	
Downey, Brand, Seymour & Rohwer	SCD Energy Solutions	
Duke Energy	Seattle City Light	
Duke Energy North America	Sempra	