

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE
STATE OF CALIFORNIA

FILED

Application of PACIFIC GAS AND ELECTRIC COMPANY for)
Authority to Reduce its Electric Rates and Charges under)
the Energy Cost Adjustment Clause Included in its Electric)
Tariff.)
(Electric))

JUN 6 1979
APPLICATION
NO. 58912

APPLICATION

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and Electric Company

POOR ORIGINAL

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BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

Application Of Pacific Gas And Electric)
Company For Authority To Reduce Its)
Electric Rates And Charges Under The) APPLICATION
Energy Cost Adjustment Clause Included)
In Its Electric Tariff.) NO.
(Electric))
_____)

Because of a large decrease in the amount of expensive low sulfur fuel oil it will need for power plant operations when its nuclear units at Diablo Canyon become operative, PACIFIC GAS AND ELECTRIC COMPANY (PGandE) respectfully requests authority to decrease its electric rates and charges under the Energy Cost Adjustment Clause (ECAC) included in PGandE's electric tariff. PGandE proposes that this rate decrease be made effective on the dates when Diablo Units 1 and 2, respectively, became commercially operative and concurrently with corresponding base rate increases under the adjustment procedure proposed by PGandE in a companion application filed today.

It is expected that Diablo Canyon Unit No. 1 will become commercially operative during the latter part of 1979. If that date for Unit No. 1 is December 1, 1979, the base rate adjustment will amount to an increase of 0.2743 cents per kilowatt hour on jurisdictional sales for the first 12 months of operation, which amounts to an increase of about \$155.7 million, or 6.7 percent, annually. If Unit

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1 No. 2 becomes commercially operative on August 1, 1980, the
2 adjustment for Unit No. 2 will be an increase of 0.2102
3 cents per kilowatt hour for the first 12 months of its
4 operation, which amounts to about \$122.4 million, or 5.1
5 percent, annually. The proposed ECAC rates, which reflect
6 the lower fuel costs resulting from displacement of higher
7 cost fossil fuel electric generation by lower cost nuclear
8 generation, will decrease PGandE's electric revenues in an
9 amount sufficient to offset the proposed increases in PGandE's
10 base electric rates to cover the costs of owning and operating
11 Diablo Units 1 and 2.

12 I

13 BACKGROUND

14 On December 23, 1966, PGandE filed Application No.
15 49051 requesting the Commission to issue a Certificate of
16 Public Convenience and Necessity for the construction of
17 Unit No. 1 at Diablo Canyon Nuclear Generating Station.
18 After 20 days of hearings, the Commission issued Decision
19 No. 73278 authorizing construction of Unit No. 1. Since
20 that time, PGandE has gone through many years of regulatory
21 proceedings at all levels of local, state and federal govern-
22 ment to obtain the necessary permits and licenses to operate
23 the Diablo Canyon plant. Final hearings on the issuance of
24 an operating license for Unit No. 1 before the Atomic Safety
25 and Licensing Board (ASLB) began in December 1978 and concluded
26 on February 15, 1979.

1 Diablo Canyon was not included in PGandE's 1978 or
2 1980 test year general rate cases (Application Nos. 57284
3 and 58545) since the Commission indicated that it wished to
4 consider this matter in a separate proceeding. In Decision
5 No. 86281, the Commission excluded construction work in
6 progress (CWIP) from rate base. In so doing, it stated that
7 the timely inclusion in rate base of significant additions
8 to plant was a subject not well suited to current ratemaking
9 procedures. The Commission, therefore, proposed that the
10 addition of Diablo Canyon be considered in conjunction with
11 an ECAC proceeding at the appropriate time.

12 In a companion application, PGandE is proposing
13 the establishment of an electric base rate adjustment proce-
14 dure with a balancing account and rate adjustments to go
15 into effect on the commercially operative dates of Unit
16 Nos. 1 and 2 in order to cover the cost of owning, operating,
17 and maintaining the units. The details of the proposal are
18 set forth in that application. The offsetting ECAC rate
19 reduction proposed herein is contingent upon Commission
20 authorization of the base rate adjustment procedure.

21 II

22 REASONS FOR THE ENERGY COST ADJUSTMENT

23 Electric power generated from Diablo Canyon will
24 be less expensive to produce than that generated by the
25 conventional steam electric plant which burns fuel oil. The
26 first unit of the plant, operating at 65% capacity factor,

1 will produce electric power at approximately 33 mills per
2 kilowatt hour which will be the lowest cost of any thermal
3 plant on PGandE's system. For the second unit, the cost
4 will be approximately 27 mills per kwh.

5 When Unit No. 1 becomes operational, PGandE can
6 reduce the load on some of the relatively less efficient
7 generating units in its system and reduce its fuel oil
8 requirements. For a 1084 megawatt unit operating at 65%
9 capacity factor, the annual savings in fuel oil would be
10 9.6 million barrels. At a cost per barrel of \$17.00, there
11 would be a \$164 million reduction in fuel oil cost. The net
12 reduction in fuel cost would be \$125 million assuming nuclear
13 fuel costs of 6.2 mills per kilowatt hour. In addition,
14 with operation of this unit, PGandE will not have to rely on
15 purchases of expensive power from other sources to meet its
16 load requirements. The resulting lower energy cost means
17 that PGandE can pass this decrease along to its electric
18 customers through a reduction in ECAC rates.

19 Under the existing ECAC, however, which is based
20 on balancing account accumulations and on historical relation-
21 ships between fuel costs and related revenues, the lower
22 fuel costs resulting from commercial operation of the Diablo
23 units would not be fully reflected in ECAC rates until
24 approximately a year after the units began operation.

25 PGandE proposes to pass the reduction through to its customers

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1 immediately upon commercial operation of the units to offset
 2 the costs of owning and operating them.

3 III

4 ENERGY COST ADJUSTMENT RATES

5 Exhibit A, attached, includes each of PGandE's
 6 present rates for electric service which are proposed to be
 7 changed. PGandE has included lifeline usage in the proposed
 8 Diablo Canyon ECAC rate adjustment.

9 The proposed estimated net decrease of \$155,758,000
 10 for Unit No. 1 spread to jurisdictional sales, including
 11 lifeline usage, results in a 0.2743 cents per kilowatt hour
 12 decrease and the effect of the decrease on classes is as
 13 follows:

14 COMMERCIAL OPERATION DATES OF
 15 DECEMBER 1, 1979, FOR UNIT 1 AND
 16 AUGUST 1, 1980, FOR UNIT 2

17 <u>Class of Service</u>	18 <u>Revenue Decrease</u>		19 <u>Percent</u>	
	20 (000's)			
	21 <u>Unit</u>	22 <u>Unit</u>	23 <u>Unit</u>	24 <u>Unit</u>
	<u>No. 1</u>	<u>No. 2</u>	<u>No. 1</u>	<u>No. 2</u>
25 RESIDENTIAL	\$ 51,332	\$ 40,609	7.3	5.6
26 SMALL LIGHT AND POWER	12,749	9,885	5.1	3.9
MEDIUM LIGHT AND POWER	36,490	28,936	6.1	4.6
LARGE LIGHT AND POWER	41,118	32,293	7.4	5.6
PUBLIC AUTHORITY	1,654	1,287	7.0	5.4
AGRICULTURAL	10,207	7,798	6.4	4.5
STREET LIGHTING	1,130	799	3.9	3.0
RAILWAY	686	526	8.2	6.3
INTERDEPARTMENTAL	392	305	6.0	4.6
TOTAL JURISDICTIONAL	\$155,758	\$122,438	6.7	5.1

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COMMERCIAL OPERATION DATES OF
 FEBRUARY 1, 1980, FOR UNIT 1 AND
OCTOBER 1, 1980, FOR UNIT 2

<u>Class of Service</u>	<u>Revenue Decrease</u> (000's)		<u>Percent</u>	
	<u>Unit</u> <u>No. 1</u>	<u>Unit</u> <u>No. 2</u>	<u>Unit</u> <u>No. 1</u>	<u>Unit</u> <u>No. 2</u>
RESIDENTIAL	\$ 52,590	\$ 41,826	7.5	5.7
SMALL LIGHT AND POWER	13,015	10,125	5.2	4.0
MEDIUM LIGHT AND POWER	37,400	29,841	6.2	4.7
LARGE LIGHT AND POWER	42,079	33,183	7.5	5.8
PUBLIC AUTHORITY	1,691	1,318	7.1	5.5
AGRICULTURAL	10,379	7,950	6.5	5.0
STREET LIGHTING	1,127	799	4.0	3.1
RAILWAY	698	537	8.4	6.4
INTERDEPARTMENTAL	399	313	6.1	4.7
TOTAL JURISDICTIONAL	\$159,378	\$125,892	6.8	5.2

The proposed adjustment rates and the derivations of each are included in Exhibits B and C, attached.

IV

RESULTS OF OPERATIONS

Exhibit D, attached, shows PGandE's Electric Department results of operations used by this Commission in Decision No. 89316, dated September 6, 1978, at present and at the base rates proposed on December 1, 1979, and August 1, 1980, if Diablo Canyon Unit Nos. 1 and 2 are commercially operative on these dates.

V

TYPE OF RATE CHANGE SOUGHT

PGandE states that the proposed ECAC adjustment in this application reflects and passes through to its customers only the effect of anticipated decreased energy costs for

1 electricity furnished to its customers due to the commercial
2 operation of Unit Nos. 1 and 2 at Diablo Canyon.

3 VI

4 PACIFIC GAS AND ELECTRIC COMPANY

5 PGandE is, and ever since October 10, 1905, has
6 been, an operating public utility corporation, organized
7 under California law. It is engaged principally in the
8 business of furnishing electric and gas service in California.
9 It also distributes and sells water in some cities, towns
10 and rural areas, and produces and sells steam in certain
11 parts of San Francisco.

12 PGandE's principal place of business is in San
13 Francisco, California. Its post office address is 77 Beale
14 Street, San Francisco, California 94106; its telephone
15 number is 781-4211; and its attorneys in this matter are
16 Malcolm H. Furbush, Robert Ohlbach and Bernard J. Della Santa.

17 Communications regarding this application are to
18 be addressed to Malcolm H. Furbush at the above-mentioned
19 address.

20 A certified copy of PGandE's Articles of Incorporation,
21 amended to the date of this application, is of
22 record before the Commission in connection with PGandE's
23 Application No. 56435, filed April 27, 1976, and these
24 Articles are incorporated herein by reference.

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1 Attached as Exhibit E are a balance sheet and a
2 income statement indicating PGandE's financial status as of
3 March 31, 1979.

4 Exhibit F, attached, shows for the year 1978 the
5 revenues, expenses, and rate of return, on a depreciated
6 basis, for all of PGandE's operating departments and for its
7 Electric Department.

8 The original cost of PGandE's electric properties,
9 together with the applicable depreciation reserve, consistent
10 with Exhibit F, is as follows:

11	Total Electric Plant	\$5,773,748,000
12	Operative Construction	
13	Work in Progress	4,285,000
14	Total Operative Plant	5,778,033,000
15	Depreciation Reserve	1,741,729,000

16 A more detailed description of PGandE's electric
17 properties and equipment is included in PGandE's exhibits
18 filed with Application No. 58545, filed December 26, 1978,
19 which are incorporated herein by reference.

20 Incorporated by reference herein is a copy of
21 PGandE's most recent proxy statement sent to its shareholders.
22 This proxy statement was filed with the Commission by PGandE
23 in Application 58798 on April 10, 1979.

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VII

STATUTORY AUTHORITY

This application is made pursuant to Sections 451, 454, 491 and 701 of the Public Utilities Code of the State of California.

VIII

SERVICE OF NOTICE OF APPLICATION

In compliance with Rule 24 of the Commission's Revised Rules of Practice and Procedure, a list of the cities and counties affected by the proposed energy cost adjustment is attached as Exhibit G. The State of California is the only state affected by the proposed decrease. Within ten days after filing this application, notice as provided in Rule 24 will be mailed to the appropriate officials of all of the foregoing entities and to the parties of record in PGandE's ECAC filing of April 28, 1978, Application No. 58033, and PGandE's pending general rate case, Application No. 58545.

IX

ACCOMPANYING EXHIBITS

PGandE's exhibits and prepared testimony in support of this application accompany this filing with the Commission.

PGandE is now ready to proceed with its showing in support of this application.

WHEREFORE, PACIFIC GAS AND ELECTRIC COMPANY respectfully requests the Commission to issue appropriate orders:

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1. Authorizing PGandE as of the commercially operative date of Unit Nos. 1 and 2 to file and place into effect the proposed ECAC adjustments set forth in Exhibit B attached, contingent upon the establishment of a base electric rate adjustment procedure as set forth in the companion application filed herewith.
2. Finding that the authorized rates are fair and reasonable, and justified.
3. Granting PGandE such further and different relief as the Commission may find to be proper.

Dated at San Francisco, California, this 6th day of June 1979.

STANLEY T. SKINNER
 STANLEY T. SKINNER
 Executive Vice President

MALCOLM H. FURBUSH
 MALCOLM H. FURBUSH

ROBERT OHLBACH
 ROBERT OHLBACH

BERNARD J. DELLA SANTA
 BERNARD J. DELLA SANTA

Attorneys for
 PACIFIC GAS AND ELECTRIC COMPANY
 77 Beale Street
 San Francisco, California 94106

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DECLARATION

I, the undersigned, say:

I am an officer of PACIFIC GAS AND ELECTRIC COMPANY, the applicant herein, and I make this declaration as such on behalf of said applicant. I have read the foregoing application and know its contents. It is true of my knowledge, except as to those matters which are stated therein on information and belief and as to those matters I believe it to be true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed at San Francisco, California, this 6th day of June 1979.

STANLEY T. SKINNER
Executive Vice President

EXHIBIT A
PRESENT RATES

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7059-E
Canceling Revised Cal. P.U.C. Sheet No. 7055-E

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The following listed tariff sheets contain the preliminary statement, all effective rates, rules and regulations and sample forms affecting rates and service and information relating thereto in effect on and after the date indicated thereon:

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Table of Contents—Schedule of Rates	7059-E
Table of Contents—Contracts and Deviations	7059-7058-E
Table of Contents—Rules	7058-E
Table of Contents—Sample Forms	7058-E
Preliminary Statement:	
Part A	
(1) Territory Served by Company	6856-E
(2) Description of Service	6282-E
(3) Procedure to Obtain Service	6282-E
(4) Establishment of Credit and Deposits	6282-E
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Part B—Energy Cost Adjustment	7005-6964-6965-7032-E
Part C—Tax Change Adjustment Clause	6822-E
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Shasta Dam Rate Area Map	4119-E

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A-12	General Service—Demand Metered	7034-6006-E
A-13	General Service—Demand Metered	7035-E
A-15	General Service—Direct Current	7036-E
A-18	Interruptible Primary Industrial Power	7037-6012-E
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LS-3	Street and Highway Lighting—Electroliner Meter Rate	7046-6878-E
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(continued)

Advice Letter No. 735-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1837

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(Continued)

SCHEDULE OF RATES
(Continued)

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AD	Experimental Non-Domestic Load Deferral Service	7051-E
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(continued)

Advice Letter No. 735-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President — Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1837

PRELIMINARY STATEMENT (Continued)

PART B

Energy Cost Adjustment Clause (ECAC)

1. Applicability

This energy cost adjustment clause applies to bills for service under applicable rate schedules and under contracts subject to the jurisdiction of the California Public Utilities Commission.

2. Base Rates

The base rates are the rates for electric service effective on the effective date hereof.

3. Base Weighted Rate for Fuel and Purchased Energy

The base weighted rate for fuel and purchased energy included in Base Rates is \$0.00000 per kilowatt hour.

4. Record Period

The volumes of fuel and energy to be used hereunder for the Record Period are those actually purchased, consumed, and sold, as the case may be, during the twelve calendar month period ending at the end of the month prior to the month in which the filing date occurs.

5. Revision Dates

The Revision Dates are July 1 and January 1 of each year. On such dates or as soon thereafter as the Commission may authorize, the Utility shall, in accordance with the provisions hereof, place into effect an increase or decrease in the Adjustment Rate then in effect to reflect changes in the average cost of fuel and purchased energy and the Eureka Energy fuel service charge for projects approved by the California Public Utilities Commission. Unless otherwise authorized or ordered by the Commission, such increases or decreases shall be made not more than twice in any calendar year.

6. Adjustment Rate

The amount hereunder to be added to or subtracted from each bill shall be the product of the total kilowatt hours for which the bill is rendered multiplied by the Adjustment Rate. The Adjustment Rate, to become effective for service on and after each Revision Date and continuing thereafter until the next Adjustment Rate becomes effective in accordance herewith, shall be the algebraic sum of an Offset Rate and a Balancing Rate, each multiplied by 1.01 (to adjust for franchise and uncollectible accounts expense) and carried to the nearest \$0.00001 per kilowatt hour. The Adjustment Rate applicable to each rate schedule will be set forth on that rate schedule.

(a) The Offset Rate shall be the difference between the Current Fuel and Purchased Energy Cost per kilowatt hour of sales, and the Base Weighted Rate for Fuel and Purchased Energy, as set forth in Section 7 below.

See last page for footnotes.

(continued)

Advice Letter No. 712-E
 Decision No. 88121

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed December 8, 1978
 Effective December 28, 1978
 Resolution No. _____

PRELIMINARY STATEMENT (Continued)

PART B (Continued)

6. Adjustment Rate (Continued)

- (b) The Balancing Rate shall be an amount per kilowatt hour of sales necessary to amortize the accumulated balance in the Energy Cost Adjustment Account, included as a subaccount in CPUC Accounts Nos. 186 and 253. The procedures for determining the Balancing Rate and for maintaining the Energy Cost Adjustment Account are set forth in Sections 9 and 10 below.
- (c) The rates determined above shall be further adjusted to reflect the provisions of Section 739 of the Public Utilities Code, relating to lifeline rates, as implemented by the Commission.

7. Offset Rate

The Offset Rate shall be determined as (1) the amount of the Current Cost of Fuel and Purchased Energy determined as specified in Section 8 below, less (2) the total Record Period revenues from the California Department of Water Resources under present contracts, all divided by (3) the Record Period kilowatt hours of total sales,* and then less (4) the Base Weighted Rate for Fuel and Purchased Energy.

8. Current Cost of Fuel and Purchased Energy

- (a) The current cost of fuel and purchased energy shall be equal to:
 - (1) The volumes of gas and of each type of oil and coal fuel used for electric generation in the Record Period,** expressed in millions of Btu and the volume of geothermal and nuclear production in the Record Period, expressed in kilowatt hours, multiplied by the current price of each as set forth below, plus
 - (2) The total cost of purchased electric energy as recorded in the Record Period in CPUC Account No. 555, Purchased Power.*** excluding operation and maintenance payments, plus
 - (3) The annualized Eureka Energy fuel service charge in effect on or before the filing date for projects approved by the Commission.
- (b) Current prices shall be determined as follows:
 - (1) The current price of gas fuel shall be the average of each applicable gas rate schedule, expressed in cents per million Btu, in effect on or before the Revision Date, weighted by the quantity of gas used under each such gas rate schedule during the Record Period.
 - (2) The current prices of oil and coal fuel shall be the current average cost in dollars per million Btu of each type in inventory (CPUC Account No. 151, Fuel Stock) on the filing date.
 - (3) The current prices of geothermal steam shall be the prices per kilowatt hour of geothermal plant output (including payments for effluent disposal) of steam producers effective for production on or before the filing date.
 - (4) The current prices of nuclear fuel shall be the unit rates of amortization, expressed in cents per kilowatt hour, of nuclear fuel assemblies, including an allowance for salvage value, determined in accordance with CPUC Account No. 518, Nuclear Fuel Expense, and effective for production on or before the filing date.
 - (5) Utility owned hydro generation shall be included at zero cost.

See last page for footnotes.

(continued)

Advice Letter No. 712-E
Decision No. 88121

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed December 8, 19
Effective December 28, 1978
Resolution No. _____

PRELIMINARY STATEMENT (Continued)

PART B (Continued)

9. Balancing Rate

The Balancing Rate per kilowatt hour sold shall be determined by dividing (1) the balance in the Energy Cost Adjustment Account at the end of the latest available month at the time of the computation being made under the provisions hereof, by (2) the Record Period kilowatt hours of applicable jurisdictional sales.*

10. Energy Cost Adjustment Account

Effective April 1, 1976, the Utility shall maintain an Energy Cost Adjustment Account. Entries shall be made to this account at the end of each month as follows:

- (a) A debit entry equal to, if positive (credit entry, if negative):
 - (1) the actual fuel expense during the month for the generation of electricity, actual purchased energy expense during the month excluding operation and maintenance payments and the Eureka Energy fuel service charge during the month for projects approved by the Commission, less
 - (2) the amount of revenue billed during the month under the Offset Rate (not including the adjustment for franchise and uncollectible accounts expense), less
 - (3) the amount equal to the volume of energy sold during the month to which the Adjustment Rate is applicable multiplied by the Base Weighted Rate for Fuel and Purchased Energy, less
 - (4) the amount of revenue billed during the month to the California Department of Water Resources under present contracts, less
 - (5) the amount of revenue, if any, billed during the month for the fuel and purchased energy component of inter-system transactions based on incremental or replacement fuel costs, less
 - (6) the recorded fuel expense during the month associated with fuel receipts in payment for electric service but not to exceed the expense for fuel actually used to provide such service.
- (b) A credit entry equal to the amount of revenue billed during the month under the Balancing Rate (not including the adjustment for franchise and uncollectible accounts expense) if positive (debit entry, if negative).
- (c) If the Utility receives from any of its gas or geothermal or purchased energy suppliers cash refunds, including any associated interest, on and after the date this Energy Cost Adjustment Clause becomes effective, the amount thereof associated with sales of electricity shall be recorded as a credit to the Utility's Energy Cost Adjustment Account. Cash refunds associated with purchases of coal, oil, or nuclear fuel shall be recorded as a credit to the appropriate inventory account. An appropriate adjustment shall be made to reflect any sale of fuel.
- (d) A debit entry equal to 7/12 percent of the average of the balance in this account at the beginning of the month and the balance in this account after entries (a), (b) and (c) above, if average balance is debit (credit entry, if average balance is credit).

See last page for footnotes.

(continued)

Advice Letter No. 712-E
Decision No. 88121

Issued by
W. M. Gallavan
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Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 7032-E
 Canceling Revised Cal. P.U.C. Sheet No. 6399

PRELIMINARY STATEMENT (Continued)

PART B (Continued)

10. Energy Cost Adjustment Account (Continued)

(e) It is intended that this account reflect only the balances to be amortized by rates for sales to which this Energy Cost Adjustment Clause applies. For the purpose of determining entries to the Energy Cost Adjustment Account, items 10(a) (1), (4), (5) and (6), and item 10(c) above in any month shall be pro-rated to applicable jurisdictional energy sales* by the ratio of such jurisdictional energy sales to the sum of such jurisdictional energy sales and energy sales under Federal Power Commission jurisdiction, excluding sales associated with 10(a) (5) and (6) above.****

11. Time and Manner of Filing and Related Reports

The Utility shall file a revised Adjustment Rate with the California Public Utilities Commission at least 30 days but not more than 90 days prior to the Revision Date. Each such filing shall be accompanied by a report which shows the derivation of the rate to be applied.

A report on the reasonableness of the prices paid for fuel and energy purchases will be filed April 15 of each year.

Footnotes:

*Except (a) for sales for which payment is made in fuel and (b) for sales to the Department of Water Resources under present contracts. For the purpose of Item 7, sales to the Department of Water Resources shall be excluded to the extent that such sales do not exceed purchases from that agency during the Record Period.

**Excluding fuel receipts in payment for electric service.

***Except the cost of purchases during the Record Period from thermal electric generation, where identifiable and where in excess of 1% of total Record Period energy sales, shall be the Record Period volume of such purchases multiplied by the actual rates and charges for such purchases in the latest available month at the time of the computation being made under the provisions hereof.

****Where accumulated sales to the Department of Water Resources exceed accumulated purchases from that agency, the above enumerated items shall be further pro-rated by the ratio of (1) total sales minus the excess of such sales over such purchases occurring in the month to (2) total sales.

Advice Letter No. 734-E
 Decision No. _____

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed April 13, 1979
 Effective May 15, 1979
 Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7033-E
Canceling Revised Cal. P.U.C. Sheet No. 6975-E

Schedule No. A-1
GENERAL SERVICE

APPLICABILITY

This schedule is applicable to single-phase or polyphase alternating current service, or to a combination thereof, except that this schedule is not applicable to service for which Schedule No. A-23 is applicable.

TERRITORY

The entire territory served.

RATES

Single-Phase Service:

	<u>Per Meter Per Month</u>
Customer Charge: _____	\$1.75
Energy Charge (in addition to the Customer Charge): All kwhr, per kwhr _____	.03

Minimum Charge:

\$1.75 per month, but not less than \$1.50 per month per kva of connected welder load.

Polyphase Service:

The single-phase rate plus \$1.25 per meter per month.

Minimum Charge:

\$3.00 per month, but not less than \$1.50 per month per kva of connected welder load and per horsepower of polyphase connected load.

Adjustments:

Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:

	<u>per kwhr</u>
Energy Cost Adjustment _____	\$.01722
Tax Change Adjustment _____	(.00071)
Total _____	\$.01651

SPECIAL CONDITION

For customers who use service for only part of the year, this schedule is applicable only on annual contract.

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
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Resolution No. E-1836

Schedule No. A-12

GENERAL SERVICE — DEMAND METERED

APPLICABILITY

This schedule is applicable to single-phase or polyphase alternating current service, or to a combination thereof, except that this schedule is not applicable to service for which Schedule No. A-23 is applicable.

TERRITORY

The entire territory served.

RATES

	<u>Per Meter Per Month</u>
Demand Charge:	
First 50 kw of billing demand or less.....	\$120.00
Over 50 kw of demand, per kw.....	2.05
Energy Charge:	
First 150 kwhr per kw of billing demand per kwhr .....	.01609
Next 150 kwhr per kw of billing demand per kwhr .....	.01400
All excess, per kwhr.....	.01288

Adjustments:

The above base rates are subject to possible adjustment for voltage and/or power factor. In addition, bills for service will include adjustments, as specified in Parts B and C of the Preliminary Statement, as follows:

	<u>per kwhr</u>
Energy Cost Adjustment.....	\$.01722
Tax Change Adjustment	(.00071)
Total	\$.01651

SPECIAL CONDITIONS

1. **Maximum Demand:** The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load computed in accordance with Rule No. 2. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for 12 consecutive months, a 30-minute interval will be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute or a 15-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

2. **Billing Demand:** The billing demand to be used in computing charges will be the mean of the maximum demand as determined under Special Condition 1 above for the current month and the highest such demand occurring in the year ending with the current month.

3. **Off-peak Demand:** Any customer whose billing demand has exceeded 400 kw for 3 consecutive months and thereafter until it has fallen below 300 kw for 12 consecutive months may, upon request, for billing purposes, and under a contract for service for a period of 5 years, have demands ignored which occur between 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. A-12

GENERAL SERVICE — DEMAND METERED

(Continued)

4. **Voltage Discount:** (1) When delivery hereunder is made at the same voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the Utility has elected to supply service from a transmission line for its operating convenience by means of Utility-owned transformers on the customer's property, a discount of 4% when such delivery is made at 11 kv or above and 3% when such delivery is made at 2 kv to 10 kv, inclusive, will be allowed on the above charges, including the minimum charge, provided, however, the Utility is not required to supply service at a non-standard voltage. When service is supplied directly without transformation from a transmission line of 60 kv or higher, a discount of 5% will be allowed. The Utility retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer then has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by Utility.

5. **Power Factor:** When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month, provided, however, that no power factor correction will be made for any month when customer's maximum demand was less than 10% of the highest such demand in the preceding eleven months.

6. **Contract:** For customers who use service for only part of the year this schedule is applicable only on annual contract.

Advice Letter No. 512-E
Decision No. 84902

Issued by
W. M. Gallavan
Vice President—Rates and Valuation

Date Filed Sept. 16, 1975
Effective Sept. 21, 1975
Resolution No. _____

Schedule No. A-13

GENERAL SERVICE—DEMAND METERED

APPLICABILITY

This schedule is applicable to polyphase alternating current service, except that this schedule is not applicable to service for which Schedule No. A-23 is applicable.

TERRITORY

The entire territory served.

RATES

	<u>Per Month Per Meter</u>
Demand Charge:	
First 1,000 kw of billing demand.....	\$2,658.00
Over 1,000 kw of billing demand, per kw.....	2.12
Energy Charge (in addition to the Demand Charge):	
First 100 kwhr per kw of billing demand, per kwhr.....	.01451
Next 200 kwhr per kw of billing demand, per kwhr.....	.00991
All excess, per kwhr.....	.00791

Minimum Charge:

The Demand Charge constitutes the Minimum Charge.

Adjustments:

The above base rates are subject to possible adjustment for voltage and/or power factor. In addition, bills for service will include adjustments, as specified in Parts B and C of the Preliminary Statement, as follows:

	<u>per kwhr</u>
Energy Cost Adjustment.....	\$.01722
Tax Change Adjustment.....	(.00071)
Total.....	\$.01651

SPECIAL CONDITIONS

1. **Maximum Demand:** The maximum demand in any month will be the maximum average power taken during any 30-minute interval in the month, but not less than the diversified resistance welder load computed in accordance with Rule No. 2; provided, that in cases where the use of energy is intermittent or subject to violent fluctuations, either a 5-minute or a 15-minute interval may be used.

2. **Billing Demand:** The billing demand to be used in computing charges will be the mean of the maximum demand as determined under Special Condition 1 above for the current month and the highest such demand occurring in the year ending with the current month, but not less than 1,000 kw.

3. **Off-peak Demand:** Any customer under a contract for service for a period of 5 years may, upon request, for billing purposes, have maximum demands ignored which occur between 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

4. **Voltage Adjustment:** The above charges are applicable without adjustment for voltage when (a) delivery is made at less than 2 kv, or (b) when delivery is made by means of Utility-owned transformers at a distribution voltage other than a standard primary distribution voltage, or (c) when delivery is made at a voltage that requires more than one stage of transformation from transmission voltage. When delivery is made at the standard primary distribution voltage at 2 kv or above available in the area from the Utility's distribution line or, where the Utility has elected to supply service at a standard primary distribution voltage from a transmission line, for its operating convenience, from Utility-owned transformers on the customer's property, the above charges for any month will be reduced by 15¢ per kw of billing demand in the month. When delivery is made at transmission voltage (60 kv and above), the above charges for any month will be reduced by 25¢ per kw of billing demand in the month. The Utility retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer then has the option to change his system so as to receive service at the new line voltage or to accept service through transformers to be supplied by Utility subject to the voltage adjustment above.

5. **Power Factor:** The total charge for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

6. **Voltage:** Service on this schedule will be supplied at the transmission or the primary distribution available, or, at the option of the customer, at the secondary voltage available.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
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Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 7036-E
 Canceling Revised Cal. P.U.C. Sheet No. 6978-E

Schedule A-15
GENERAL SERVICE — DIRECT CURRENT

APPLICABILITY

This schedule is applicable to direct current lighting service, including lamp socket appliances and, at the customer's option, to direct current service for power and heating alone or combined with lighting on the same meter. This schedule is applicable only to those establishments which continued service under this schedule on and after February 13, 1971.

TERRITORY

Certain downtown areas of San Francisco, Oakland and Stockton where direct current is available.

RATES

	<u>Per Meter Per Month</u>
Customer Charge:	\$1.75
Energy Charge (in addition to the Customer Charge):	
All kwhr, per kwhr.....	.060
Minimum Charge: The Customer Charge, except where motors aggregating more than 5 hp are connected, in which case the total minimum charge will be \$1.60 per month per hp.	
Adjustments:	
Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:	
	<u>per kwhr</u>
Energy Cost Adjustment	\$.01722
Tax Change Adjustment	(.00071)
Total	\$.01651

SPECIAL CONDITION

The maximum demand in any month will be the average kw delivery of the 15-minute interval in which such delivery is greater than in any other 15-minute interval in the month. The billing demand to be used in computing charges will be the mean of the maximum so determined for the current month and the highest such demand occurring in the year ending with the current month.

Advice Letter No. 734-E
 Decision No. _____

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed April 13, 1979
 Effective May 15, 1979
 Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7037-E
Canceling Revised Cal. P.U.C. Sheet No. 6979-

Schedule No. A-18
INTERRUPTIBLE PRIMARY INDUSTRIAL POWER

APPLICABILITY

This schedule is applicable to three-phase alternating current service for industrial customers with maximum demands of 5,000 kilowatts or more at standard voltages of 60,000 volts or higher to be supplied at the high voltage terminals of a sub-station to be owned or leased by the customer. Service under this schedule is supplied if, in the Utility's sole judgment, there exists sufficient reserve and transmission margin.

TERRITORY

The entire territory served.

RATE

	<u>Per Meter Per Month</u>
Demand Charge:	
On-Peak, per kw of Maximum Demand, but not less than \$7,000 per month.....	\$1.40
Off-Peak, per kw of Maximum Demand in excess of the On-Peak Demand.....	.35
Energy Charge:	
All kwhr, per kwhr.....	.00829

Limitation on Charges:

The charges billed on the above rates shall not be in excess of those that would be billed under Schedule No. A-23 or its successor.

Adjustments:

The above base rates are subject to possible adjustment for voltage and/or power factor. In addition, bills for service will include adjustments, as specified in Parts B and C of the Preliminary Statement, as follows:

	<u>per kwhr</u>
Energy Cost Adjustment.....	\$.01722
Tax Change Adjustment.....	(.00071)
Total	\$.01651

SPECIAL CONDITIONS

1. **Contracts:** A contract will be required for a period of 10 years when service is first rendered under this schedule and for subsequent periods of one year thereafter, continuing until cancelled by either party by written notice one year in advance of the end of the initial period or any subsequent period, provided, however, that if the customer requests a change at the end of the initial period or any subsequent period from service under this schedule to firm service, three years' written notice must be given.

Such contract will be on a standard form of the Utility regularly filed with the California Public Utilities Commission, in force at the time and applicable to service under this schedule.

2. **Maximum Demand:** The maximum demand in any month will be the average kilowatt delivery of the 30-minute interval in which such average is greater than in any other 30-minute interval in the month, but not less than 5,000 kilowatts, except that in any month during which curtailment has occurred, such maximum demand shall be reduced by multiplying same by the fraction which is the number of hours during which no curtailment occurs over the number of hours in the month. Such maximum demand shall be not less than the average load during said month.

3. **Power Factor Adjustment:** The total charge, except the minimum demand charge, for any month as computed on the above rate shall be decreased or increased, respectively, by 0.1% for each one percent that the average power factor of customer's load in that month is greater or less than 85%. Such average power factor shall be computed (to the nearest whole percent) from the ratio of lagging kilovolt ampere hours to the kilowatt hours consumed in the month.

4. **Off-Peak Period:** The hours from 10:30 P.M. to 6:30 A.M. and on Sundays and the following holidays—New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

POOR ORIGINAL

Schedule No. A-18

INTERRUPTIBLE PRIMARY INDUSTRIAL POWER

(Continued)

5. **Curtailment:** All electric power delivered hereunder shall be subject to curtailment when in the Utility's sole judgment its reserve, energy resources or transmission margin or any combination of these is needed to meet the demands of its regular customers on firm rates, or in the Utility's judgment there is an actual or threatened need for such reserve or transmission margin. Customer, upon notice from the Utility, shall curtail his use of electric power, except plant lighting, fire protection load, and other safety and security load, to the extent requested by and as scheduled by the Utility. Curtailment shall be effected by customer (1) immediately upon request from the Utility in cases of emergencies not reasonably predictable by the Utility, and (2) in all other instances on notice as specified in the standard form contract. Full curtailment shall not exceed 2,190 hours during any contractual year.

6. **Interruption:** All electric power delivered hereunder except plant lighting, fire protection load, and other safety and security load, shall be subject to automatic interruption. The Utility shall install and maintain a digital under-frequency relay (or relays) with adjustable contacts set to close at the Scheduled Frequency and the associated relay facilities necessary in the sole opinion of the Utility to interrupt electric power automatically in the event of a reduction of frequency on the Utility's system to the Scheduled Frequency. If more than one underfrequency relay is required then the customer shall pay the cost of the additional equipment.

In addition to or in lieu of interruption of electric power at the Scheduled Frequency the Utility may require that electric power be interrupted automatically in the event of a reduction in voltage or in the event of such other operating conditions as may appear appropriate to the Utility from time to time.

After any interruption hereunder, the customer shall not resume use of electric power except upon notice from the Utility.

7. **Scheduled Frequency:** The Scheduled Frequency is 59.75 hertz (with a delay of 6 cycles) until revised in accordance herewith.

Before December 1 of each year or more frequently as changed conditions may require, the Scheduled Frequency (including any delay) will be reviewed and changed as appropriate. The Utility will thereupon notify the California Public Utilities Commission and all customers served hereunder of the revised Scheduled Frequency which shall become effective on the first day of the second month immediately following the date of such revision.

8. **Communication:** The customer shall provide to the Utility's specifications and at his sole expense exclusive communication channels to the Utility's Switching Center for the purposes of alarming, tele-metering and signaling. If necessary to carry out the provisions of this schedule, the customer may be required to install and maintain at his sole expense a recording wattmeter. Utility shall have the right to inspect and test relay facilities, communication channel and wattmeter upon reasonable notice to customer.

9. **Capacity Availability:** The total amount of capacity available hereunder is limited to a maximum of 300,000 kilowatts of the Utility's reserve and transmission margin. The Utility will notify the Public Utilities Commission of the State of California in writing when the amount of capacity available hereunder has been fully contracted for. Customers applying for service hereunder when the capacity available has been fully contracted for shall be placed on a priority list according to the date of application and shall be served when additional capacity becomes available.

10. **Transmission Service Facilities:** The Utility will at its expense furnish and install one overhead span of transmission conductors and attach to the high voltage terminals of the substation structure to be owned or leased by the customer. When the Utility extends its electric transmission lines to serve the applicant's premises, the applicant shall advance to the Utility the estimated installed cost of the extension and thereafter pay a monthly ownership charge of 1/2% of such cost. If such extension or any portion thereof is thereafter used to serve new, separately-metered permanent load for which the Utility would install all or a portion of the extension at its expense, a proportionate share of the applicant's advance will be refunded. Where such refunds are made, the monthly ownership charge will be adjusted to 1/2% of the unrefunded balance of the advance. No refunds will be made in excess of the original advance.

Advice Letter No. 512-E
Decision No. 64002

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed Sept. 16, 1975
Effective Sept. 21, 1975
Resolution No. _____

Schedule No. A-23
GENERAL SERVICE—TIME METERED

APPLICABILITY

This schedule is applicable to polyphase alternating current service for all customers of record served under former Schedule A-14 on September 20, 1975, to new customers thereafter whose maximum demand in any time period is 4,000 kilowatts or greater, and to existing customers served in accordance with any applicable General Service, Agricultural Power, Refinery, or Standby Service schedule, whose monthly maximum demand is 4,000 kilowatts or greater for 3 consecutive months. Any customer whose aggregate diversified monthly maximum demand at a single service location has fallen below 3,500 kilowatts for any 12 consecutive months may, at his option, thereafter elect to continue to receive service under this schedule or elect to be served under any other applicable schedule.

TERRITORY

The entire territory served.

RATES

	Per Meter Per Month	
	Period A	Period B
Customer Charge:.....	\$715.00	\$715.00
Demand Charge:		
On Peak, per kilowatt of Maximum Demand.....	\$4.20	\$2.80
Plus Partial Peak, per kilowatt of Maximum Demand.....	0.35	0.35
Plus Off-Peak, per kilowatt of Maximum Demand.....	No Charge	No Charge
Energy Charge:		
On Peak, per kilowatt hour.....	\$.01045	\$.01045
Plus Partial Peak, per kilowatt hour.....	.00845	.00845
Plus Off-Peak, per kilowatt hour.....	.00645	.00645

Adjustments:

The above base rates are subject to possible adjustment for voltage and/or power factor. In addition, bills for service will include adjustments, as specified in Parts B and C of the Preliminary Statement, as follows:

	per kwhr
Energy Cost Adjustment.....	\$.01722
Tax Change Adjustment.....	(.00071)
Total.....	\$.01651

SPECIAL CONDITIONS

1. Time Periods:

Period A is applicable to meter readings from May 1 to September 30, inclusive, for the following hours:

On Peak	12:30 p.m. to 6:30 p.m.	Monday through Friday, except holidays.
Partial Peak	8:30 a.m. to 12:30 p.m.	Monday through Friday, except holidays.
	6:30 p.m. to 10:30 p.m.	
	8:30 a.m. to 10:30 p.m.	Saturday, except holidays.
Off Peak	10:30 p.m. to 8:30 a.m.	Monday through Saturday, except holidays.
	All day Sunday and holidays.	

Period B is applicable to meter readings from October 1 to April 30, inclusive, for the following hours:

On Peak	4:30 p.m. to 8:30 p.m.	Monday through Friday, except holidays.
Partial Peak	8:30 a.m. to 4:30 p.m.	Monday through Friday, except holidays.
	8:30 p.m. to 10:30 p.m.	
	8:30 a.m. to 10:30 p.m.	Saturday, except holidays.
Off Peak	10:30 p.m. to 8:30 a.m.	Monday through Saturday, except holidays.
	All day Sunday and holidays.	

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President - Rates and Valuation

Date Filed April 13, 1979
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Resolution No. E-1836

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 6864-E
Canceling Original Cal. P.U.C. Sheet No. 6394-E

Schedule No. A-23

GENERAL SERVICE—TIME METERED

(Continued)

2. **Holidays:** The holidays specified in this Schedule include: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

3. **Maximum Demand:** The maximum demand in any month for each time period will be the maximum average power taken during any 30-minute interval in the month, but not less than the diversified resistance welder load computed in accordance with Rule No. 2; provided, that in cases where the use of energy is intermittent or subject to violent fluctuations, either a 5-minute or a 15-minute interval may be used.

4. **Voltage Adjustment:** The above charges are applicable without adjustment for voltage when (a) delivery is made at less than 2 kv, or (b) when delivery is made by means of Utility-owned transformers at a distribution voltage other than a standard primary distribution voltage, or (c) when delivery is made at a voltage that requires more than one stage of transformation from transmission voltage. When delivery is made at the standard primary distribution voltage at 2 kv or above available in the area from the Utility's distribution line or, where the Utility has elected to supply service at a standard primary distribution voltage from a transmission line, for its operating convenience, from Utility-owned transformers on the customer's property, the above charges for any month will be reduced by 15¢ per kw of maximum on-peak demand in the month. When delivery is made at transmission voltage (60 kv and above), the above charges for any month will be reduced by 25¢ per kw of maximum on-peak demand in the month. The Utility retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer then has the option to change his system so as to receive service at the new line voltage or to accept service through transformers to be supplied by Utility subject to the voltage adjustment above.

5. **Power Factor:** The total charge for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

6. **Voltage:** Service on this schedule will be supplied at the voltages as described in Electric Rule 2.

7. **Facility Charge:** Where the estimated installed cost of only those facilities necessary to provide regular service which are installed after February 7, 1977 is in excess of the estimated annual revenue to be derived from service under this schedule (excluding that portion of revenues equal to the product of estimated annual kilowatt-hour usage times the sum of the Fuel Cost Adjustment and the Base Weighted Average Cost of Fuel and Purchased Energy) an additional monthly charge of 1% percent of such excess will be made. If the customer elects to advance such excess cost to the Utility, the additional monthly charge will be 1 percent of such excess cost. Upon discontinuance of the use of such facilities due to termination of service or otherwise, the customer shall pay to the Utility its net cost to install and remove such facilities. Any customer advance for costs of such facilities shall be applied as a credit toward such net installation and removal costs.

8. **Contract:** Electric service supplied under this schedule shall be in accordance with a contract authorized by the Public Utilities Commission of the State of California. Such contract will be required for a period of three years when service is first rendered hereunder and for subsequent periods of one year each thereafter, continuing until canceled by either party by written notice one year in advance of the initial period or any subsequent period. Customers of record on September 20, 1975 served under existing contracts for service under former Schedule A-14 will continue to be served under such contracts except that following the expiration of the initial ten-year period such contracts will continue in effect for subsequent periods of one year each until canceled by either party by written notice one year in advance of the initial ten-year period or any subsequent one-year period.

Advice Letter No. 688-E
Decision No. 89316

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed Sept. 6, 1978
Effective Sept. 11, 1978
Resolution No. _____

Schedule No. A-41

GENERAL POWER SERVICE

APPLICABILITY

This schedule is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

TERRITORY

Within the Shasta Dam Rate Area.

RATES

A—Connected Load Basis—for installations with a connected load of 40 hp or less and demands not exceeding 20 kw:

Energy Charge:	<u>Per Meter Per Month</u>
First 200 kwhr, per kwhr.....	4.70¢
Next 400 kwhr, per kwhr.....	3.12
Next 1400 kwhr, per kwhr.....	1.57
Next 10,000 kwhr, per kwhr.....	1.41
All excess kwhr, per kwhr.....	1.09

Minimum Charge:

\$0.60 per horsepower of connected power load or \$1.20 per kilowatt of demand at the customer's option but not less than \$5.00 for single-phase service or \$7.50 for three-phase service. Heating and cooking load will be converted at the rate of 750 watts per horsepower.

B—Demand Basis—for installations with a connected load of 40 hp or more and with billing demands exceeding 20 kw:

Energy Charge:	<u>Per Meter Per Month</u>
First 50 kwhr per kw of billing demand, per kwhr.....	3.12¢
Next 100 kwhr per kw of billing demand, per kwhr.....	1.25
All excess kwhr, per kwhr.....	0.94

Minimum Charge, per month:

\$24.00 but not less than \$1.20 per kw of billing demand.

(continued)

Advice Letter No. 659-E

Decision No. _____

Issued by
J. F. Roberts, Jr.
Vice-President—Rates and Valuation

Date Filed March 31, 1978
Effective May 16, 1978
Resolution No. E-1767

Schedule No. A-41

GENERAL POWER SERVICE

(Continued)

SPECIAL CONDITIONS

1. **Maximum Demand:** The maximum demand in any month will be the maximum average power taken during any 30-minute interval in the month; provided, that in cases where the use of energy is intermittent or subject to violent fluctuations, a 15-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

2. **Billing Demand:** The billing demand to be used in computing charges under Rate B will be the higher of (a) the maximum demand as determined under Special Condition 1 for the current month or (b) 75% of the highest such demand occurring in the year ending with the current month, but not less than 20 kw.

3. **Off-peak Demand:** Any customer whose billing demand has exceeded 400 kw for 3 consecutive months and thereafter until it has fallen below 300 kw for 12 consecutive months may, upon request, and under a contract for service for a period of 5 years, have demands ignored which occur between 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, and Christmas Day, as such days are specified in Public Law 90-362 (U.S.C.A. Section 6103).

4. **Voltage:** Service on this schedule will be supplied at the secondary voltage available or, at the option of the customer, at the primary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single-phase, a 4-wire service will be supplied in accordance with Section D of Rule No. 2; provided, however, that where a customer has made application for such a 4-wire service but the Utility is not in position to supply the same at that location economically, then, temporarily until the Utility is ready, such single-phase and polyphase service will be supplied and metered separately, the meter readings being combined for the purpose of computing charges on this schedule.

5. **Primary Voltage Discount:** When delivery hereunder is made at the same voltage as that of the line from which the service is supplied, a discount of 5% for 11 kv or higher available line voltages and 3% for available line voltages of from 2 kv to 10kv will be allowed, provided, however, the Utility is not required to supply service at a particular line voltage where it has (or will install) ample facilities for supplying at another voltage equally or better suited to the customer's electrical requirements. The Utility retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer then has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by Utility.

6. **Power Factor:** When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in that month was greater or less than 85%. such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month, provided, however, that no power factor correction will be made for any month when customer's maximum demand was less than 10% of the highest such demand in the preceding eleven months.

Advice Letter No. 350-E
Decision No. 75186

Issued by
J. F. Roberts, Jr.
Vice-President—Rates and Valuation

Date Filed February 9, 1971
Effective February 13, 1971
Resolution No.

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7039-E
Canceling Revised Cal. P.U.C. Sheet No. 7006-E

Schedule No. OL-1
OUTDOOR AREA LIGHTING SERVICE

APPLICABILITY

Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting schedules are not applicable and where the Utility installs, owns, operates and maintains the complete lighting installation on Utility's existing wood distribution poles or on customer-owned poles acceptable to the Utility installed by the customer on his private property.

TERRITORY

The entire territory served.

RATES

	<u>Per Lamp Per Month</u>
Mercury Vapor Lamps*	
Lamp	
Watts	
175	\$6.923
400	11.045
High Pressure Sodium Vapor Lamps	
Lamp	
Watts	
70	\$6.228
100	6.943
200	8.902

Adjustments:

The above rates include adjustments, as specified in Parts B and C of the Preliminary Statement, as follows:

	<u>Per kw/hr</u>
Energy Cost Adjustment	\$.01722
Tax Change Adjustment	(.00071)
Total	\$.01651

SPECIAL CONDITIONS

1. **Type of Service:** Service will normally be supplied to individually-controlled lamps from the Utility's existing 120/240 volt (120/208 volt star in certain localities) single-phase overhead or underground distribution circuits. Service from 480 volt sources will be made available only when this type of service is deemed to be practical from the Utility's engineering standpoint and the applicant pays the additional initial cost of a 480 volt supply.

2. **Operating Schedule:** Lighting service will be supplied from dusk to dawn on an operating schedule of approximately 4,100 hours per year.

3. **Lighting Facilities:** The Utility will provide and maintain, at its expense, a standard luminaire, automatic control and a standard 30-inch support arm. A longer support arm will be installed upon request provided the applicant pays to the Utility a nonrefundable amount equal to the estimated additional installed cost over that of a standard support arm. Outdoor area lighting facilities will only be installed where the Utility has, or intends to install, a wood distribution pole for the purpose of supporting other distribution facilities, or where a customer-owned pole acceptable to the Utility has been installed by the customer on his private property. The Utility shall not be required to install luminaires at locations where, in its judgment, the service may be objectionable to others.

*Closed for new installations as of June 8, 1978.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation
A-18

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

POOR ORIGINAL

Schedule No. D-1
DOMESTIC SERVICE

APPLICABILITY

This schedule is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the Utility; to single-phase service used in common for residential purposes by tenants in multi-family dwellings; and to all single-phase farm service on the premises operated by the person whose residence is supplied through the same meter.

TERRITORY

The entire territory served except in the Shasta Dam Rate Area.

RATES

	Per Meter Per Month		
	Base Rates	Adjustments	Effective Rates
Customer Charge	\$1.75	—	\$1.75
Energy Charge (in addition to the Customer Charge):			
Lifeline kwhr, per kwhr .....	.01604	\$.01003	.02607
Excess kwhr, per kwhr .....	.02139	.01651	.03790

Adjustments:

The effective rates include adjustments, as specified in Parts B and C of the Preliminary Statement as follows:

	\$ Per Kwhr	
	Lifeline	Non-Lifeline
Energy Cost Adjustment	\$.01003	\$.01722
Tax Change Adjustment	—	(.00071)
Total	\$.01003	\$.01651

SPECIAL CONDITIONS

1. **Annual Contract:** For customers who use service for only part of the year this schedule is applicable only on an annual contract.
2. **Lifeline Rates:** Lifeline rates are applicable only to separately metered residential usage. The Utility may require the customer to complete and file with it an appropriate Declaration of Eligibility for Lifeline Rates.
3. **Lifeline Usage:** The following quantities of electricity are to be billed at the rates for lifeline usage:

End Use	Code	Monthly Kwhr Allowance for Climatic Bands*			
		W	X	Y	Z
Basic Allowance**	B	240	240	240	240
Basic plus Water Heating	W	490	490	490	490
Basic plus Space Heating					
Summer	H	240	240	240	240
Winter	H	790	1,040	1,360	1,660
Basic plus Space and Water Heating					
Summer	C	490	490	490	490
Winter	C	1,040	1,290	1,610	1,910
Non-lifeline	N	0	0	0	0
Air Conditioning Allowance — additive to above summer allowances:					
Territory A		280	280	—	—
Territory B		—	230	—	—

Energy used in excess of the lifeline allowances will be billed at the non-lifeline rates, continuing from the quantity reached by the lifeline allowance.

*Climatic Bands are described in the Preliminary Statement.
**Includes lighting, cooking and refrigeration.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 6952-E
 Canceling Revised Cal. P.U.C. Sheet No. 6794-E

Schedule No. D-1
DOMESTIC SERVICE

(Continued)

4. **Life-Support Devices:** A residential customer, who certifies in writing that regular use of a medical life-support device, as defined in Rule No. 1, is essential to maintain the life of a full-time resident of the household, is eligible for a uniform monthly lifeline allowance in addition to those allowances shown in Special Condition 3. The amount of the additional allowance will be determined by the Utility from load and operating time data. The Utility may require certification by a doctor or osteopath licensed to practice medicine in the State of California that a particular device is necessary to sustain the user's life.

5. **Seasonal Rate Changes:** Bills for service which include lifeline allowances for space heating and air conditioning will be prorated in the May and November billing periods based on the ratio of the number of days prior to May 1 and subsequent to October 31, respectively, to the total number of days in the billing period.

Advice Letter No. 711-E
 Decision No. _____

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed December 6, 1971
 Effective January 5, 1971
 Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 6953-E
Canceling Revised Cal. P.U.C. Sheet No. 6802-E

Schedule No. D-40
DOMESTIC SERVICE

APPLICABILITY

This schedule is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the Utility; to single-phase service used in common for residential purposes by tenants in multi-family dwellings; and to all single-phase farm service on the premises operated by the person whose residence is supplied through the same meter.

TERRITORY

Within the Shasta Dam Rate Area. (X)

The letter in parentheses after each Rate Area indicates the Climatic Band applicable in Special Condition 3.

RATES

	Per Meter Per Month	
	Lifeline Rates	Non-Lifeline Rates
Energy Charge:		
First 30 kwhr, per kwhr	\$0.0539	\$0.0539
Next 100 kwhr, per kwhr	0.0385	0.0385
Next 100 kwhr, per kwhr	0.0285	0.0285
Next 720 kwhr, per kwhr	0.0185	0.0185
All excess kwhr, per kwhr	0.0169	0.0169
Minimum Charge:		
\$1.00 per meter per month.		

SPECIAL CONDITIONS

- 1. Annual Contract:** For customers who use service for only part of the year this schedule is applicable only on an annual contract.
- 2. Lifeline Rates:** Lifeline rates are applicable only to separately metered residential usage. The Utility may require the customer to complete and file with it an appropriate Declaration of Eligibility for Lifeline Rates.
- 3. Lifeline Usage:** The following quantities of electricity are to be billed at the rates for lifeline usage:

End Use	Code	Monthly Kwhr Allowance for Climatic Band*
Basic Allowance**	B	X
Basic plus Water Heating	W	240
Basic plus Space Heating		
Summer (May 1 to Oct. 31)	H	240
Winter (Nov. 1 to April 30)	H	1,040
Basic plus Space and Water Heating		
Summer (May 1 to Oct. 31)	C	490
Winter (Nov. 1 to April 30)	C	1,290
Non-lifeline	N	0

Energy used in excess of the lifeline allowances will be billed at the non-lifeline rates, continuing from the quantity reached by the lifeline allowance.

*Climatic Bands are described in the Preliminary Statement.

**includes lighting, cooking and refrigeration.

4. Life-Support Devices: A residential customer, who certifies in writing that he resides in a separately metered or submetered single-family dwelling unit and that regular use of a medical life-support device, as defined in Rule No. 1, is essential to maintain the life of a full-time resident of the household, is eligible for a uniform monthly lifeline allowance in addition to those allowances shown in Special Condition 3. The amount of the additional allowance will be determined by the Utility from load and operating time data. The Utility may require certification by a doctor or osteopath licensed to practice medicine in the State of California that a particular device is necessary to sustain the user's life.

5. Seasonal Rate Changes: Bills for service which include lifeline allowances for space heating and air conditioning will be prorated in the May and November billing periods based on the ratio of the number of days prior to May 1 and subsequent to October 31, respectively, to the total number of days in the billing period.

Advice Letter No. 711-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed December 6, 1978
Effective January 5, 1979
Resolution No. _____

POOR ORIGINAL

Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 4739-E
 Canceling Revised Cal. P.U.C. Sheet No. 2097-E

Schedule DE

SERVICE TO COMPANY EMPLOYEES

APPLICABILITY

Electricity for domestic purposes under this schedule is available, upon application, to regular and pensioned employees of the Utility, provided they reside in their own home (single-family dwelling, separately-metered flat or apartment) and are supplied directly by the Utility.

This rate applies to employees living with and constituting the support of a mother, father or other relatives.

The service must be billed to and paid by the employee.

A regular employee is defined, for the purpose of this schedule, as one who has been continuously employed by the Utility for more than six months and is paid on a weekly or monthly basis.

This schedule is not applicable to probationary, casual or temporary employees.

TERRITORY

The entire territory served.

RATE

The regular filed domestic service schedule applicable in the territory where service is supplied, less 25% discount.

Advice Letter No. 380-E
 Decision No. 78186

Issued by
 J. F. Roberts, Jr.
 Vice-President — Rates and Valuation

Date Filed February 9, 1971
 Effective February 13, 1971
 Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7041-E
Canceling Revised Cal. P.U.C. Sheet No. 6998-E

Schedule No. DM
MULTI-FAMILY SERVICE

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, and single-phase power service supplied to multi-family accommodations through one meter on a single premises in accordance with Rule No. 18. Closed to new installations.

TERRITORY

The entire territory served.

RATES

The rate of the single family domestic service schedule, applicable in the territory in which the multi-family accommodation is located, modified as follows:

Customer Charge
No change

Energy Charge (in addition to the Customer Charge):

The kilowatt hours for all blocks shall be multiplied by the number of residential dwelling units and/or mobile home spaces wired for service.

Adjustments:

Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:

	<u>Per Kwhr</u>	
	<u>Lifeline</u>	<u>Non-Lifeline</u>
Energy Cost Adjustment.....	\$.01003	\$.01722
Tax Change Adjustment	—	(.00071)
Total	\$.01003	\$.01651

SPECIAL CONDITIONS

1. **Multiplier:** In determination of the multiplier it is the responsibility of the customer to advise the Utility within 15 days following any change in the number of residential dwelling units and mobile homes wired for service.
2. **Miscellaneous loads:** Miscellaneous electrical loads such as general lighting, laundry rooms, general maintenance, and other similar usage incidental to the operation of the premises as a multi-family accommodation will be considered as domestic usage.
3. **Non-residential Energy:** Electric energy for non-domestic enterprises such as rooming houses, boarding houses, dormitories, rest homes, military barracks, stores, restaurants, service stations and similar establishments will be separately metered and billed under the applicable general service schedules.
4. **Annual Contract:** For customers who use service for only part of the year, this schedule is applicable only on an annual contract.
5. **Lifeline Rates:** Lifeline rates are applicable only to residential usage billed under a schedule applicable to service for domestic uses. The Utility may require the customer to complete and file with it an appropriate Declaration of Eligibility for Lifeline Rates.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. DM
MULTI-FAMILY SERVICE
(Continued)

SPECIAL CONDITIONS (Continued)

6. Lifeline Usage: The following quantities of electricity are to be billed at the rates for lifeline usage:

End Use	Code	Monthly Kwhr Allowance* for Climatic Bands**			
		W	X	Y	Z
Per Residential Unit					
Basic Allowance***	B	190	190	190	190
Basic plus Water Heating	W	390	390	390	390
Basic plus Space Heating					
Summer (May 1 to Oct. 31)	H	190	190	190	190
Winter (Nov. 1 to April 30)	H	520	670	865	1,040
Basic plus Space and Water Heating					
Summer (May 1 to Oct. 31)	C	390	390	390	390
Winter (Nov. 1 to April 30)	C	720	870	1,065	1,240
Non-lifeline	N	0	0	0	0
Air Conditioning Allowance — additive to above allowances May 1 to October 31, inclusive:					
Territory A		170	170	—	—
Territory B		—	140	—	—

Energy used in excess of the lifeline allowances will be billed at the non-lifeline rates, continuing from the quantity reached by the lifeline allowances.

*Any submetered unit will receive the allowance for individually metered units as shown on Schedule No. DS.

**Climatic Bands are described in the Preliminary Statement.

***Includes lighting, cooking and refrigeration.

7. Life-Support Devices: A residential user of electric service in a multi-family accommodation, who certifies in writing that regular use of a medical life-support device, as defined in Rule No. 1, is essential to maintain the life of a full-time resident of a residential unit, is eligible for a uniform monthly lifeline allowance in addition to those allowances shown in Special Condition 6. The amount of the additional allowance will be determined by the Utility from load and operating time data. The Utility may require certification by a doctor or osteopath licensed to practice medicine in the State of California that a particular device is necessary to sustain the user's life.

8. Seasonal Rate Changes: Bills for service which include lifeline allowances for space heating and air conditioning will be prorated in the May and November billing periods based on the ratio of the number of days prior to May 1 and subsequent to October 31, respectively, to the total number of days in the billing period.

9. Three Phase Service: Three phase load will be supplied service under this schedule for multi-family residential customers who were supplied three phase service on a general service schedule on August 27, 1976.

Advice Letter No. 711-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed December 6, 1978
Effective January 5, 1979
Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7042-E
Canceling Revised Cal. P.U.C. Sheet No. 6999-E

Schedule No. DS
MULTI-FAMILY SERVICE

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking, and single-phase power service supplied to multi-family accommodations in other than a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with Rule No. 18.

TERRITORY

The entire territory served.

RATES

The rate of the single family domestic service schedule, applicable in the territory in which the multi-family accommodations is located, less 10% discount on the energy rates applicable to lifeline usage.

Customer Charge:
No change.

Energy Charge (In addition to the Customer Charge):
The kilowatt hours for all blocks shall be multiplied by the number of residential dwelling units wired for service.

Adjustments:
Adjustments, as specified in Parts B and C of the Primary Statement, will be added to each bill for service calculated at the above rates, including adjustments for minimum charges. Adjustment amounts are as follows:

	Per Kwhr	
	Lifeline	Non-Lifeline
Energy Cost Adjustment.....	\$.01003	\$.01722
Tax Change Adjustment.....	—	(.00071)
Total	\$.01003	\$.01651

SPECIAL CONDITIONS

1. **Multiplier:** In determination of the multiplier it is the responsibility of the customer to advise the Utility within 15 days following any change in the number of residential dwelling units wired for service.
2. **Miscellaneous Loads:** Miscellaneous electrical loads such as general lighting, laundry rooms, general maintenance, and other similar usage incidental to the operation of the premises as a multi-family accommodation will be considered as domestic usage.
3. **Non-residential Energy:** Electric energy for non-domestic enterprises such as rooming houses, boarding houses, dormitories, rest homes, military barracks, stores, restaurants, service stations and similar establishments will be separately metered and billed under the applicable general service schedules.
4. **Annual Contract:** For customers who use service for only part of the year, this schedule is applicable only on an annual contract.
5. **Lifeline Rates:** Lifeline rates are applicable only to residential usages billed under a schedule applicable to service for domestic uses. The Utility may require the customer to complete and file with it an appropriate Declaration of Eligibility for Lifeline Rates.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. DS
MULTI-FAMILY SERVICE
(Continued)

SPECIAL CONDITIONS (Continued):

6. **Lifeline Usage:** The following quantities of electricity are to be billed at the rates for lifeline usage:

End Use	Code	Monthly Kw/hr Allowance for Climatic Bands*			
		W	X	Y	Z
Per Residential Unit					
Basic Allowance**	B	240	240	240	240
Basic plus Water Heating	W	490	490	490	490
Basic plus Space Heating					
Summer (May 1 to Oct. 31)	H	240	240	240	240
Winter (Nov. 1 to April 30)	H	790	1,040	1,360	1,660
Basic plus Space and Water Heating					
Summer (May 1 to Oct. 31)	C	490	490	490	490
Winter (Nov. 1 to April 30)	C	1,040	1,290	1,610	1,910
Non-lifeline	N	0	0	0	0
Air Conditioning Allowance — additive to above allowances May 1 to October 31, inclusive:					
Territory A		280	250	—	—
Territory B		—	230	—	—

Energy used in excess of the lifeline allowances will be billed at the non-lifeline rates, continuing from the quantity reached by the lifeline allowances.

*Climatic Bands are described in the Preliminary Statement.

**Includes lighting, cooking and refrigeration.

7. **Life-Support Devices:** A residential user of electric service in a multi-family accommodation, who certifies in writing that regular use of a medical life-support device, as defined in Rule No. 1, is essential to maintain the life of a full-time resident of a residential unit, is eligible for a uniform monthly lifeline allowance in addition to those allowances shown in Special Condition 6. The amount of the additional allowance will be determined by the Utility from load and operating time data. The Utility may require certification by a doctor or osteopath licensed to practice medicine in the State of California that a particular device is necessary to sustain the user's life.

8. **Seasonal Rate Changes:** Bills for service which include lifeline allowances for space heating and air conditioning will be prorated in the May and November billing periods based on the ratio of the number of days prior to May 1 and subsequent to October 31, respectively, to the total number of days in the billing period.

9. **Three Phase Service:** Three phase load will be supplied service under this schedule for multi-family residential customers who were supplied three phase service on a general service schedule on August 27, 1976.

Advice Letter No. 711-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed December 6, 1978
Effective January 5, 1979
Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7043-E
Canceling Original Cal. P.U.C. Sheet No. 7000-E

Schedule No. DT
MULTI-FAMILY SERVICE — MOBILEHOME PARK

APPLICABILITY

This schedule is applicable to service for domestic lighting, heating, cooking and single-phase power service supplied to multi-family accommodations in a mobilehome park through one meter on a single premises and submetered to all individual tenants in accordance with Rule No. 18.

TERRITORY

The entire territory served.

RATES

The rate of the single family domestic service schedule, applicable in the territory in which the multi-family accommodation is located, less 30% discount on the energy rates applicable to lifeline usage.

Customer Charge:
No change.

Energy Charge (in addition to the Customer Charge):
The kilowatt hours for all blocks shall be multiplied by the number of mobilehome spaces wired for service.

Adjustments:
Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:

	Per Kwhr	
	Lifeline	Non-Lifeline
Energy Cost Adjustment	\$.01003	\$.01722
Tax Change Adjustment	—	(.00071)
Total	\$.01003	\$.01651

SPECIAL CONDITIONS

1. **Multiplier:** In determination of the multiplier it is the responsibility of the customer to advise the Utility within 15 days following any change in the number of mobile homes wired for service.
2. **Miscellaneous Loads:** Miscellaneous electrical loads such as general lighting, laundry rooms, general maintenance, and other similar usage incidental to the operation of the premises as a multi-family accommodation will be considered as domestic usage.
3. **Non-residential Energy:** Electric energy for non-domestic enterprises such as rooming houses, boarding houses, dormitories, rest homes, military barracks, stores, restaurants, service stations and similar establishments will be separately metered and billed under the applicable general service schedules.
4. **Annual Contract:** For customers who use service for only part of the year, this schedule is applicable only on an annual contract.
5. **Lifeline Rates:** Lifeline rates are applicable only to residential usages billed under a schedule applicable to service for domestic uses. The Utility may require the customer to complete and file with it an appropriate Declaration of Eligibility for Lifeline Rates.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

POOR ORIGINAL

Schedule No. LS-1
STREET AND HIGHWAY LIGHTING

APPLICABILITY

This schedule is applicable to Utility-owned and maintained lighting installations which illuminate streets, highways, and other public-dedicated outdoor ways and places and which generally utilize the Utility'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	All Night Rates Per Lamp Per Month						Half-Hour Adjustment		
	A	B	C	D	E	F			
Nominal Lamp Rating									
Incandescent Lamps*									
Watts	Lumens								
58	600	\$ 3.208	—	—	—	—	\$.045		
92	1,000	3.673	—	—	—	—	.071		
189	2,500	5.794	\$ 4.789	—	—	—	.144		
295	4,000	7.366	6.360	—	—	—	.226		
405	6,000	9.007	7.999	—	—	—	.310		
620	10,000	12.536	11.558	—	—	—	.475		
Mercury Vapor Lamps*									
Lamp Watts	Line Watts	Average Initial Lumens							
100	124	3,500	\$ 5.343	\$ 4.617	\$ 3.723	\$ 8.748	\$ 8.275	\$ 6.660	\$.080
175	198	7,500	6.229	5.528	4.870	9.415	9.199	7.574	.127
250	285	11,000	7.521	6.794	6.145	11.676	10.553	9.460	.182
400	451	21,000	10.254	9.360	8.542	—	13.482	11.965	.291
700	766	37,000	16.447	14.549	—	—	19.437	19.062	.493
1,000	1,088	57,000	21.103	19.093	—	—	24.402	23.673	.699
High Pressure Sodium Vapor Lamps									
Lamp Watts	Line Watts	Average Initial Lumens							
70	85	5,800	\$ 6.163	\$ 5.424*	\$ 4.538	\$ 8.970	\$ 8.724	\$ 7.143	\$.047
100	121	9,500	6.879	6.135*	4.890	9.440	9.243	7.864	.068
150	176	16,000	7.600	6.862*	5.749	10.112	10.161	8.585	.099
200	263	22,000	8.856	8.117*	6.985	—	11.516	11.072	.149
250	321	25,500	9.742	9.008*	7.920	—	12.451	12.067	.182
400	487	46,000	12.054	11.315*	10.182	—	14.713	14.270	.275

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, 1975.

Adjustments:

The above rates include adjustments, as specified in Parts B and C of the Preliminary Statement as follows:

An Energy Cost Adjustment of a positive \$.01722 per kilowatthour and a Tax Charge Adjustment of a negative 1.5% applied to base rates.

Pole Charge:

For Class A and B pole installations using other than wood poles that were installed entirely at Utility expense, customer will pay a monthly pole charge of \$3.15; or \$2.60 for installations made prior to September 21, 1975 (closed to new installations).

For Class A and B pole installations using other than wood poles where the customer elected to pay a nonrefundable amount equal to the estimated additional cost of installation over that of a basic installation, the customer will pay a monthly pole charge of \$1.35; or \$0.00 for installations made prior to September 21, 1975. (Closed to new installations.)

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

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. LS-1
STREET AND HIGHWAY LIGHTING

(Continued)

SPECIAL CONDITIONS

1. **Type of Service:** The Utility reserves the right to supply either "multiple" or "series" service. Series service to new lights will only be made where it is practical from the Utility'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 3 hours per night, nor more than 4,500 hours per year.

4. **Description of Service Provided:**

Class A

Utility 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

Utility 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

Utility owns and maintains its standard luminaire, control facility, overhead service and internal support arm wiring as required (ownership of pole or post, support arm and foundation by customer). Available only where customer-owned poles comply with the Utility's engineering and operating requirements.

Class D

Utility owns and maintains its standard post top luminaire, control facility, internal post wiring, standard galvanized steel post (20 ft. mounting height or less) and foundation where customer pays for the estimated installed cost of the post, support arm (if any) and foundation.

Class E

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

Class F

Utility owns and maintains a standard luminaire, control facility, support arm, and service connection on its wood pole or post, installed solely for the luminaire.

5. **Rearrangement of Facilities:** At the customer's request the Utility 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 the Utility's specifications. Upon acceptance by the Utility, ownership of the conduit and substructures shall vest in the Utility.

The Utility, at its expense, will furnish and install the underground service conductor to the hand-hole 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 the Utility the material cost of the conductors in excess of 100 circuit feet.

(continued)

Advice Letter No. 688-E
Decision No. 89316

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed Sept. 6, 1978
Effective Sept. 11, 1978
Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 6873-E
Canceling Revised Cal. P.U.C. Sheet No. 6752-E

Schedule No. LS-1

STREET AND HIGHWAY LIGHTING

(Continued)

SPECIAL CONDITIONS (Continued)

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 the Utility.

8. **Maintenance:** The Utility shall exercise reasonable care and diligence in maintaining Utility-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 the Utility experiences or expects to experience maintenance costs exceeding its normal maintenance expense, resulting from but not limited to vandalism, or unusual non-standard design of pole, post, or luminaire, the Utility may require the customer to pay excess maintenance costs as may be necessary.

9. **Special Equipment:** Luminaires, poles, posts and other equipment, requested by a customer or applicant, in addition to or in substitution for the Utility's standard galvanized steel poles, galvanized steel posts, photocell controls and equipment, will be provided if such equipment meets the Utility's engineering and operating standards and if the customer or applicant pays the cost difference between the equipment normally provided by the Utility and the equipment requested by the customer or applicant, plus an additional continuing monthly payment equal to 1% of 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 the Utility will install special equipment entirely at the Utility's expense provided the customer agrees to pay a continuing monthly payment equal to 2% of the cost difference.

10. **Line Extensions:** Where the Utility 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 No. 15, the estimated installed cost of such line extension, exclusive of service conductors (and transformer if required), under the provisions of Special Condition 9. The Utility 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 the Utility designated connection point, or in the case of underground facilities, where the first-service delivery point is no greater than 300 feet from the Utility 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 No. 15 refund, and the continuing monthly payment shall be adjusted accordingly.

11. **Temporary Discontinuance of Service:** (Fixture remains in place) At the request of the customer the Utility will temporarily discontinue service to individual luminaires provided the customer pay a facility charge equal to the all-night rate, adjusted to 0 burning hours under the provisions of Special Condition 3, plus the estimated cost to disconnect and reconnect the light.

12. **Contract:** Service to each light installation shall be for an initial contract term of 5 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.

Advice Letter No. 688-E
Decision No. 89316

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed Sept. 6, 1978
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Resolution No. _____

Schedule No. LS-2
STREET AND HIGHWAY LIGHTING

APPLICABILITY

This schedule is applicable to 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 the Utility and in satisfactory condition to qualify for Class B or C rates.

TERRITORY

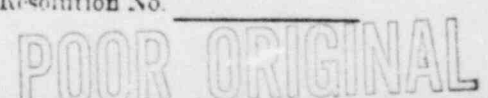
The entire territory served.

RATES

Class	Rate per Lamp per Month				
	A	B	C	A B and C	
	Utility supplies energy and switching* service only.	Utility supplies the energy, switching*, and maintenance service for lamps and glass-ware.	Utility supplies the energy, switching*, and maintenance service for entire system including lamps and glassware.	Half-Hour Adjustment	
	<u>All-Night</u>	<u>All-Night</u>	<u>All-Night</u>		
Nominal Lamp Rating:					
Incandescent Lamps					
	Watts	Lumens**			
	92	1,000	\$ 1.560	\$ 2.249	\$ 2.899
	189	2,500	3.168	4.005	4.655
	295	4,000***	4.971	5.858	6.508
	405	6,000***	6.824	7.710	8.360
	620	10,000***	10.430	11.435	12.085
	860	15,000***	14.475	15.598	—
Low Pressure Sodium Vapor Lamps					
	Lamp Watts	Line Watts	Average Initial Lumens**		
	35	68	4,800	\$.862	—
	55	90	8,000	1.114	—
	90	148	13,500	1.832	—
	135	205	21,500	2.552	—
	180	256	33,000	3.162	—
High Pressure Sodium Vapor Lamps					
	Volts				
	70	85	5,800	\$ 1.041	\$ 1.839
	100	121	9,500	1.491	2.338
	150	176	16,000	2.173	3.020
	240				
	Volts				
	70	95	5,800	\$ 1.221	\$ 1.802
	100	144	9,500	1.737	2.378
	150	205	16,000	2.552	3.133
	200	263	22,000	3.270	3.881
	250	321	25,500	3.988	4.599
	400	487	46,000	6.037	6.648
Metal Halide Lamps					
	400	468	30,000	\$ 5.822	—
	1,000	1,118	90,000	13.871	—
Mercury Vapor Lamps					
	100	124	3,500	\$ 1.757	\$ 2.229
	175	198	7,500	2.779	3.251
	250	285	11,000	4.005	4.606
	400	451	21,000	6.374	6.975
	700	766	37,000	10.828	11.951
	1,000	1,088	57,000	15.364	16.555

*Switching Service is closed to new installations.
 **Latest published information should be consulted on best available lumens.
 ***Services for incandescent lamps over 2,500 lumens will be closed to new installations after September 11, 1978.

(continued)



Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7045-E
Canceling Revised Cal. P.U.C. Sheet No. 6987

Schedule No. LS-2

STREET AND HIGHWAY LIGHTING

(Continued)

RATES (Continued)

Adjustments:

The above rates include adjustments, as specified in Parts B and C of the Preliminary Statement as follows:

An Energy Cost Adjustment of a positive \$0.1722 per kilowatthour and a Tax Charge Adjustment of a negative 1.5% applied to base rates.

SPECIAL CONDITIONS

1. Type of Service: This schedule is applicable to multiple lighting systems to which the Utility will deliver current at secondary voltage and to series street lighting systems for which the Utility will furnish constant current regulating transformers. Multiple current will normally be supplied at 120/240 volt*, single-phase. 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 the Utility when this type of service is practical from the Utility'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 the Utility's engineering standpoint to supply them from existing series systems.

*In certain localities the Utility may supply service from 120/208 volt, star connected, polyphase lines in place of 240 volt service.

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 Utility'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. The Utility 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 electrolliers with a self-contained photo cell switch, (1) the Utility will connect the customer's overhead service wire to the Utility's overhead lines at the customer's expense, or (2) at the customer's option, the Utility will install, own and maintain the overhead service provided the customer pays the initial cost of the service plus 1% per month of 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.

5. Underground Service Connection: The Utility will provide an underground service connection at its expense from either its overhead or underground system to one electrollier of each group of interconnected electrolliers provided (1) the customer has arranged the system for the least practical number of points of delivery, (2) there are not less than 10 electrolliers 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 the Utility's pole in an overhead line nor exceed 40 feet of underground run from a location where service is available in an underground system. The Utility 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 electrolliers or 3 kw connected load, or (2) an individual electrollier, the customer shall install and own the extension from his system or electrollier to the Utility's distribution system when service is readily available and shall pay the cost of connecting to the Utility's distribution system, including any necessary conduit or riser material.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. LS-2

STREET AND HIGHWAY LIGHTING

(Continued)

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 the Utility, except where switching facilities have been installed by the Utility 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 the Utility of lamps and glassware, and are 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.
- (b) Under the Class C rate the Utility will:
 - (1) Paint the poles as required to maintain good appearance. Where the customer-owned poles are of a material which does not require painting, the Class C rates will be reduced by \$0.15 per lamp per month. On multi-lamp installations where painting is required, the rates will be reduced by \$0.15 for all lamps other than the first one.
 - (2) Isolate any trouble in the customer's system which has resulted in an outage or 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. The Utility will provide labor for the replacement of material such as ballasts, photo-electric controls, relays, fixtures, individual poles, individual cable runs between poles where such runs are in conduit, and other individual parts of the system. The customer shall compensate the Utility for any material furnished by the Utility. The Class C rate does not provide for any major excavation or any major replacement at Utility expense 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, the Utility will perform any of the routine maintenance described above on a time and material cost basis provided the Utility's regular standard maintenance equipment and procedures can be used.

8. **Systems Owned in Part by the Utility:** Where, after the date this provision is first effective, the Utility 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 of 2% of the Utility'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% of such cost*. Customer or others may elect to pay the Utility's estimated installed cost of such facilities, in which event the additional monthly charge will be 1% of such cost.

9. **Line Extensions:** Where, after the date this provision is first effective, the Utility extends its electric lines to serve customer's street lighting system, an additional monthly charge of 2% of the Utility'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 such extension was installed prior to the date this provision is first effective, the additional monthly charge will be 1% of such cost*. If customer elects to advance the Utility's estimated installed cost of such extension, the additional monthly charge will be 1% of such cost. The Utility 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 free length of line is allowed under Rule No. 15, such cost to be used in determining the additional monthly charge will thereafter be reduced in proportion to the relative length of excess free footage allowance for the new load, if any, as compared to the length of the original extension. If an advance has been made as provided above, and if under Rule No. 15, an excess free footage allowance remains after the new load is installed, all or part of the advance will be refunded without interest to the customer. These refunds will be computed by converting the amount of the advance to an amount per foot and multiplying the excess free footage by this unit per foot. 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 No. 15. No payment will be made in excess of the original amount advanced.

10. **Street Light Lamps—Standard and Non-Standard 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 3% of those specified in the EEL-NEMA Standards for Filament Lamps Used in Street Lighting. Where Class A service is supplied to lamps of other ratings than those specified in EEL-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.

*Except for facilities installed prior to February 13, 1971, in which case the monthly charge will be 1 1/4%.

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7046-E
Canceling Revised Cal. P.U.C. Sheet No. 6988-E

Schedule No. LS-3
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 the Utility furnishes energy at one or more central points.

TERRITORY

The entire territory served.

RATES

	<u>Per Meter</u> <u>Per Month</u>
Service Charge	\$3.00
Energy Charge (In addition to the service charge)	
First 150 kwhr per kw of billing demand .....	.0393
Over 150 kwhr per kw of billing demand .....	.0120
Switching Charge*	
For each circuit switched	3.25
*Switching Service is closed to new installations.	
Adjustments:	
Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:	
	<u>per kwhr</u>
Energy Cost Adjustment	\$.01722
Tax Change Adjustment	(.00071)
Total	\$.01651

SPECIAL CONDITIONS

1. **Type of Service:** This schedule is applicable to multiple lighting systems to which the Utility will deliver current at secondary voltage and to series street lighting systems for which the Utility will furnish constant current regulating transformers. Multiple current will normally be supplied at 120/240 volts*, single-phase. 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 the Utility when this type of service is practical from the Utility'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 the Utility's engineering standpoint to supply them from existing series systems.

*In certain localities the Utility supplies service from 120/208 volt, wye-connected, polyphase lines in place of 240 volt service.

2. **Point of Delivery:** Delivery will be made from the Utility'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. The Utility 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) the Utility will connect the customer's overhead service wire to the Utility's overhead lines at the customer's expense, or (2) at the customer's option, the Utility will install, own and maintain the overhead service provided the customer pays the initial cost of the service plus 1% per month of 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.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. OL-1

OUTDOOR AREA LIGHTING SERVICE

(Continued)

4. Service Connection:

(a) A service connection will be made from the Utility's existing electric lines, either overhead or underground, at a point mutually agreed upon, without extension thereof except as provided in Special Condition 5.

(b) Where an overhead secondary circuit is readily available, the Utility will make a complete overhead service installation at its expense. If a secondary circuit is not available, or where additional facilities are required to complete the installation, such will be provided as specified in Special Condition 5.

(c) Where underground service is supplied, the applicant shall install and own the pole, including any internal pole and mast arm wiring. Where underground service is supplied from an overhead distribution system, the applicant shall furnish and install conductors and any necessary conduit between the base of the Utility's distribution pole where service is readily available and the top of the customer-owned pole, except that street crossings or other work in the street area shall be installed by the Utility at the applicant's expense in accordance with Special Condition 5. The applicant shall pay to the Utility the material cost of the pole riser, including conduit, molding and other materials, but excluding the cost of the riser conductors, and the Utility will complete the riser installation at its expense.

(d) Where underground service is supplied from an underground distribution system, the applicant shall furnish and install conductors and any necessary conduit between an existing secondary splice box or other suitable point of connection as designated by the Utility at or near the applicant's property line and the top of the customer-owned pole. The Utility will furnish the necessary connectors and make the underground service connection at its expense. Street crossings or other work in the street area necessary to provide an underground service will be installed by the Utility in accordance with Special Condition 5.

5. Additional Facilities: Facilities such as secondary circuits, transformers and associated equipment required in addition to the Facilities furnished under Special Conditions 3 and 4 will be installed provided the applicant advances to the Utility the estimated installed cost thereof and pays an additional monthly charge of 1% of such cost.

If such additional facilities or any portion thereof are thereafter used to serve new separately-metered permanent load for which the Utility would install all or a portion of said additional facilities at its expense under its rules, all or a portion of the applicant's advance will be refunded without interest following the connection of such new load. Refunds will be based on the footage by which the allowable free length under Rule 15 B.1. for such new load exceeds the lengths of line, if any, required to serve, multiplied by the unit cost per foot specified in Rule 15 B.3.a.(1) in effect at the time the advance is paid. Where such refunds are made, the additional monthly charge will be adjusted to 1% of the unrefunded balance of the advance. No refunds will be made in excess of the original advance.

6. Relocation or Removal of Facilities:

(a) When the Utility's distribution facilities from which service is supplied hereunder, and/or the lighting facilities installed hereunder, are to be relocated or removed at the customer's request or to comply with governmental requirements, the Utility shall have the right, upon written notice, to discontinue the service being furnished under this schedule without obligation or liability. Service may be re-established in accordance with the Special Conditions of this schedule.

(b) When the lighting facilities installed hereunder are relocated at the customer's request, or when the Utility must relocate or modify the lighting facilities to comply with governmental requirements or because of an irreconcilable objection to the facilities by others, the Utility shall be paid the cost of such relocation or modification.

(c) If the lighting facilities installed hereunder are made idle or are removed before expiration of the initial term of the effective contract, the customer shall pay to the Utility the cost of the installation plus the estimated cost of removal, less the estimated salvage value of the facilities removed.

7. Access: All lighting facilities installed hereunder must be accessible to the Utility's vehicles for installation and maintenance.

8. Maintenance: Except in the case of emergency, maintenance of lamps and equipment will be performed only during normal working hours within a reasonable period following notification by the customer of the need for such maintenance.

9. Contract: A written contract in form on file with the California Public Utilities Commission may be required for service under this schedule for a period not to exceed three years.

Advice Letter No. 669-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed May 9, 1978
Effective June 8, 1978
Resolution No. _____

POOR ORIGINAL

Schedule No. LS-3
STREET AND HIGHWAY LIGHTING
ELECTROLIER METER RATE

(Continued)

3. Underground Service Connection: The Utility will provide an underground service connection at its expense from either its overhead or underground system to one electrolier of each group of inter-connected 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 the Utility's pole in an overhead line nor exceed 40 feet of underground run from a location where service is available in an underground system. The Utility will extend the underground service beyond the free length at the customer's request in accordance with Special Condition 7.

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 the Utility's distribution system where service is readily available and shall pay the cost of connecting to the Utility'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 to one kva), or at ratings determined by test.

5. Switching: Switching service will not be provided by the Utility for systems connected after September 11, 1978.

6. Maintenance: This schedule does not contemplate maintenance within the rates as shown above. However, at the request of the customer, the Utility 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.

7. Systems Owned in Part by the Utility: Where the Utility 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 of 2% of the Utility'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 1/4% of such cost. Customer or others may elect to pay the Utility's estimated installed cost of such facilities, in which event the additional monthly charge will be 1% of such cost.

8. Line Extensions: Where the Utility extends its electric lines to serve customer's street lighting system, an additional monthly charge of 2% of the Utility's estimated installed cost of such line extension, exclusive of service connection (and transformer, if required) furnished under Special Conditions 1, 2, and 3 will be made. If customer elects to advance the Utility's estimated installed cost of such extension, the additional monthly charge will be 1% of such cost. The Utility 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 free length of line is allowed under Rule No. 15, such cost to be used in determining the additional monthly charge will thereafter be reduced in proportion to the relative length of excess free footage allowance for the new load, if any, as compared to the length of the original extension. If an advance has been made as provided above, and if under said Rule No. 15, an excess free footage allowance remains after said new load is installed, all or part of the advance will be refunded without interest to the customer. These refunds will be computed by converting the amount of the advance to an amount per foot and multiplying the excess free footage by this unit per foot. 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 No. 15. No payment will be made in excess of the original amount advanced.

Advice Letter No. 688-E
 Decision No. 89316

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed Sept. 6, 1978
 Effective Sept. 11, 1978
 Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7047-E
Canceling Revised Cal. P.U.C. Sheet No. 6989-E

Schedule No. TC-1
TRAFFIC CONTROL SERVICE

APPLICABILITY

Applicable to metered service for traffic directional sign or signal lighting systems owned by governmental agencies and located on streets, highways and other publicly-dedicated outdoor ways and places.

TERRITORY

The entire territory served.

RATES

	<u>Per Meter Per Month</u>
Service Charge:	
For each Service Connection	\$1.50
Energy Charge (in addition to the Service Charge):	
All kwhr, per kwhr.....	.03
Minimum Charge:	
\$1.50 per month.	

Adjustments:

Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:

	<u>per kwhr</u>
Energy Cost Adjustment.....	\$.01722
Tax Change Adjustment	(.00071)
Total	\$.01651

SPECIAL CONDITIONS

1. **Type of Service:** Energy will normally be supplied at 120/240 volt single-phase service (120/208 volts star in certain localities) unless the customer pays the additional initial cost of a 480 volt supply. However, service from 480 volt sources from underground systems will be made available only for new service connections at the option of the Utility when this type of service is practical from Utility's engineering standpoint.
2. **Point of Delivery:** Delivery will be made from Utility's existing electric lines at a point mutually agreed upon, without extension thereof to customer's system except as provided in Special Condition 6.
3. **Service Connection:** The Utility will provide at its expense an overhead drop to the customer-owned system; however, where the customer requests an underground service the customer will install and own the extension from his system to the Utility's nearest junction box or to the base of the pole where service is readily available and will pay the cost of connecting to the Utility's distribution system, including any necessary conduit or riser material.
4. **Metering:** Each point of delivery will be metered and billed separately. The meter will be at a suitable location agreeable to the Utility.
5. **Switching and Maintenance:** Switching and maintenance will be performed by the customer.
6. **Line Extensions:** Where, after the date this provision is first effective, the Utility extends its electric lines (overhead or underground) to serve customer's system, an additional monthly charge of 1 1/4% of the Utility's estimated installed cost of such extension, exclusive of meter, service connection, and transformer, if required, furnished under Special Conditions 1, 2 and 3, will be made. If such extension was installed prior to the date this provision is effective, the additional monthly charge will be 1 1/4% of such cost. If customer elects to advance Utility's estimated installed cost of such extension, the additional monthly charge will be 1% of such cost. The Utility 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 free length of line is allowed under Rule No. 15, such cost to be used in determining the additional monthly charge will thereafter be reduced in proportion to the relative length of excess free footage allowance for the new load, if any, as compared to the length of the original extension. If an advance has been made as provided above, and if under such Rule No. 15 an excess free footage allowance remains after said new load is installed, all or part of the advance will be refunded without interest to the customer. These refunds will be computed by converting the amount of the advance to an amount per foot and multiplying the excess free footage by the unit per foot. 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 No. 15. No payment will be made in excess of the original amount advanced.

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7048-E
Canceling Revised Cal. P.U.C. Sheet No. 6958-~~2~~

Schedule No. P-8

OIL REFINERY ELECTRIC AND STEAM SERVICE

APPLICABILITY

This schedule is applicable to customers receiving polyphase alternating current electric service and 160 pounds per square inch steam service for the operation of petroleum refineries under contracts authorized by the Public Utilities Commission of the State of California.

TERRITORY

- A — The oil refinery in the vicinity of the Martinez Power Plant.
- B — The oil refinery in the vicinity of the Oleum Power Plant.
- C — The oil refinery in the vicinity of the Avon Power Plant.

RATES

Electric Service:

The rates for electric service to each metering point will be the rates and charges, including the Energy Cost Adjustment, of Schedule No. A-13 or A-23, as appropriate in accordance with the Applicability clauses thereof.

Steam Service:

Demand Charge:

For a monthly maximum demand not to exceed	<u>Per Month</u>
325,000 pounds per hour.....	\$6,000.00

Quantity Charge (in addition to the Demand Charge):

<u>Money Amount:</u>	<u>Per 1,000 lbs.</u>
First 125,000,000 pounds per month.....	2.0¢
All Excess	1.5
<u>Fuel Amount</u> .....	.265 bbls.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 6959-E
 Canceling Revised Cal. P.U.C. Sheet No. 6342-E

Schedule No. P-8

OIL REFINERY ELECTRIC AND STEAM SERVICE

(Continued)

SPECIAL CONDITIONS

1. **Feedwater:** The customer will deliver to Utility at said steam plants a quantity of feedwater which will in pounds equal the pounds of steam delivered, subject to the specifications mutually agreed to by the parties.

2. **Contract:** Service supplied hereunder shall be in accordance with contracts authorized by the Public Utility Commission of the State of California. This rate schedule, or parts thereof, shall expire upon termination or expiration of said contracts. The term "mutually agreed to by the parties" refers to said contracts. The terms and conditions of these respective contracts as authorized by the Public Utilities Commission of the State of California shall govern with respect to each of the customers served hereunder, notwithstanding any inconsistency with this tariff schedule.

3. **Maximum Demand:** The maximum demand in any month will be the maximum average power taken during any 30-minute interval in the month, but not less than the diversified resistance welder load computed in accordance with Rule No. 2; provided, that in cases where the use of energy is intermittent or subject to violent fluctuations, either a 5-minute or a 15-minute interval may be used.

4. **Billing Demand:** The billing demand to be used in computing charges will be the mean of the maximum demand as determined under Special Condition 3 for the current month and the highest such demand occurring in the year ending with the current month, but not less than 1,000 kw.

5. **Off Peak Demand:** All customers will, for billing purposes, have maximum demands ignored which occur between 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103)

6. **Power Factor:** The total charge for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

7. **Voltage Adjustment:** The above charges are applicable without adjustment for voltage when (a) delivery is made at less than 2 kv, or (b) when delivery is made by means of Utility-owned transformers at a distribution voltage other than a standard primary distribution voltage, or (c) when delivery is made at a voltage that requires more than one stage of transformation from transmission voltage. When delivery is made at the standard primary distribution voltage at 2 kv or above available in the area from the Utility's distribution line or, where the Utility has elected to supply service at a standard primary distribution voltage from a transmission line, for its operating convenience, from Utility-owned transformers on the customer's property, the above charges for any month will be reduced by 15¢ per kw of billing demand in the month. When delivery is made at transmission voltage (60 kv and above), the above charges for any month will be reduced by 25¢ per kw of billing demand in the month. The Utility retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer then has the option to change his system so as to receive service at the new line voltage or to accept service through transformers to be supplied by Utility subject to the voltage adjustment above.

Advice Letter No. 711-E
 Decision No. _____

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed December 6, 1978
 Effective January 5, 1979
 Resolution No. _____

Schedule No. PA-1
AGRICULTURAL POWER

APPLICABILITY

This schedule is applicable to reclamation service and to general agricultural service on the farm, but it is not applicable to residential and commercial service, nor to service to which Schedule No. A-23 is applicable. Rate A shall apply to all single-motor installations with a connected load rated less than 35 horsepower and to all multi-load installations aggregating less than 15 horsepower or kilowatts. Rate B shall apply to all single-motor installations rated 35 horsepower or more, to all multi-load installations aggregating 15 horsepower or kilowatts or more, and overload motors as provided in Special Condition 10. Customers of record on September 21, 1975 who maintain continuous service under either Rate A or Rate B not in conformance with the foregoing, may thereafter either continue such non-conforming service or request a change to the applicable rate, at their option.

TERRITORY

The entire territory served.

RATES

- A — Connected Load Basis.
- B — Maximum Demand Basis.

	<u>Per Meter</u>
Service Charge, per customer per month.....	\$ 2.50
Per hp or kw, per month.....	\$.60
Energy Charge (In addition to the Service Charge)	
First 1,000 kwhr per hp or kw per year, per kwhr.....	.01692
Next 1,000 kwhr per hp or kw per year, per kwhr.....	.01341
Over 2,000 kwhr per hp or kw per year, per kwhr.....	.01052

Minimum Charge:

The annual minimum charge shall be the sum of the monthly service charges.

Adjustments:

Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:

	<u>per kwhr</u>
Energy Cost Adjustment.....	\$.01722
Tax Change Adjustment.....	(.00071)
Total.....	\$.01651

SPECIAL CONDITIONS

1. **Contracts:** Where a line extension is required or where the cost to the Utility to install the necessary facilities is substantial, a written contract for an initial term of three years will be required for service under this schedule. In all other instances, a written contract for an initial term of one year, beginning on the first regular monthly meter reading date after service is commenced, will be required. Contracts will remain in effect after the initial term until terminated by either the customer or the Utility.
2. **Contract Year:** The above rates will apply to twelve-month periods beginning with the first regular monthly meter reading date after service is commenced.
3. **Payment of Charges:** The service charge will be payable in twelve monthly payments beginning with the first monthly billing period of the contract year. The energy charge will be computed on meter readings and will be payable each month. The charge for energy used during a partial month prior to the beginning of a contract year will be billed at the rate of the first energy block.
4. **Guaranteed Connected Load or Billing Demand:** A customer may obtain the rates for a larger connected load or for a larger billing demand by guaranteeing the service charge for the contract year and rates per kilowatt hour applicable to such larger connected load or billing demand.
5. **Connected Load:** Connected load for the purpose of this schedule is the sum of the rated capacities, determined in accordance with Rule No. 2, of all equipment that is served through one metering point and that may be operated at the same time. In no case will charges be based on less than two horsepower for single-phase service nor less than three horsepower for three-phase service.
6. **Maximum Demand:** The maximum demand in any monthly billing period will be the maximum average power, expressed in kilowatts, taken during any 15-minute interval in the month, but not less than the diversified resistance welder load computed in accordance with Rule No. 2. Where the use of energy is intermittent or subject to abnormal fluctuation, a 5-minute interval may be used.

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. PA-1
AGRICULTURAL POWER

(Continued)

7. **Billing Demand:** The billing demand used in computing charges under Rate B will be the highest maximum demand created by the installation in the twelve-month period ending with the current month, except that when the connected load is permanently reduced, the maximum demands created before such permanent reduction will be ignored. Billing demand will be computed to the nearest whole kilowatt. Charges will not be based on a billing demand in kilowatts of less than 75% of the nameplate rating in horsepower of the two largest motors connected. Where the connected load is 35 horsepower or less, the Utility may, at its option, use the demand determined by test as the billing demand for billing purposes in lieu of installing a demand meter.

8. **Change in Customers:** When there is a change of customers during the contract year, no adjustment will be made in charges billed prior to the date of change. The contract year for the new customer will begin with the first regular monthly meter reading after the date service is commenced.

9. **Changes in Connected Load or Billing Demand:** Billing adjustments will be made for connected load or billing demand changes and for permanent decreases that take place during the contract year except that change of three horsepower or three kilowatts or less will be ignored for billing purposes where the load is 1 hp or 15 kw or more, until the beginning of the next contract year. It shall be the customer's responsibility to notify the Utility of changes in connected load and of permanent changes in operating conditions which will result in lower maximum demands.

No adjustments will be made in charges billed for service supplied prior to a change in connected load or billing demand. For the period remaining in the contract year after the date of the change, service charge payments will be based on the new connected load or billing demand and the energy charge billing will be based on the full annual energy blocks for the new load or billing demand less the kilowatt hours recorded prior to the date of the change multiplied by the ratio of the new load or billing demand to the previous load or billing demand.

When there is a permanent reduction in connected load, the billing demand to be used under Rate B shall be computed in accordance with Special Condition 7.

No adjustment will be made for a temporary reduction in connected load or billing demand. If load is reconnected within twelve months after it is disconnected, charges will be recomputed on the basis that no reduction in load had taken place.

10. **Overloaded Motors:** Whenever the measured input to any motor, rated 15 horsepower or more, or any group of motors aggregating 15 horsepower or more, served through one metering point, is determined by the Utility to exceed one kilowatt per horsepower of nameplate rated output, charges shall be billed under Rate B.

11. **Discontinuance of Service:** A customer may cease taking service at any time after expiration of the initial term of the applicable contract. No adjustment of billing will be made when service is discontinued. Any customer resuming service within twelve months after discontinuance of service will be required to pay all charges that would have been billed if service had not been discontinued.

12. **Credit for Ownership of Transformer by Customer:** Customers operating installations having a connected load of 50 hp or over and owning the transformers supplying such installations as of September 21, 1975, will be allowed the following credits:

Size of Installation	Annual Credit per hp of Connected Load
50 - 99 hp	\$1.00 per hp
100 - 499 hp .....	.90 per hp
500 and over .....	.80 per hp

In those cases where the customer's motor operates at the voltage at which the service is metered, no credit for customer ownership of transformers will be allowed on the connected load of such motor.

Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 7050-E
 Canceling Revised Cal. P.U.C. Sheet No. 6971

Schedule No. S-1
STAND-BY SERVICE

APPLICABILITY

This schedule is applicable to stand-by or breakdown service to customers whose premises are regularly supplied, in whole or in part, with electric energy from a privately owned source of supply; to auxiliary service to customers who at times take service (by means of a double-throw switch) from another public Utility; and to other electric service where the Utility must provide reserve capacity and stand ready at all times to supply electricity, but where the use of electric service is not of a usual, regular or continuous character.

TERRITORY

The entire territory served.

RATES

	<u>Per Meter Per Month</u>
Customer Charge in addition to any other Customer Charge	\$5.00
Stand-by Charge per kw of Contract Capacity: (Subject to voltage adjustment as provided in Special Condition 11)	
Where customer's plant or other source employs Co-generation Technology or utilizes Renewable Resources as the energy source (as defined in Special Condition 13)	0.75
All other service	0.95
Stand-by Charge per kw of Contract Capacity, excess off peak service	0.40
(Subject to voltage adjustment as provided in Special Condition 11)	
Reactive Demand Charge (in addition to Stand-by Charge) per kvar of maximum reactive demand	0.15

Demand and Energy Charges (in addition to Stand-by Charge):

The Regular Schedule Applicable (see Special Condition 1) including the Customer Charge, if any, the minimum charges, Energy Cost Adjustment and all other provisions of said schedules.

SPECIAL CONDITIONS

1. **Regular Schedule Applicable:** Stand-by service, either alone or in combination with other load through the same meter, shall be billed in conjunction with that rate schedule which would be applicable to customer's total load including that portion of customer's load for which stand-by service is provided

2. **Allowance For Customer's Plant Maintenance:** After a customer has been connected to Utility's system under this schedule and its plant has been in operation for a period of six months, for that portion of the Contract Capacity that may be out of service for scheduled maintenance in the months of February, March, April and/or November, such outages up to 30 consecutive days per calendar year will be ignored for the purposes of determining demand charges under the Regular Schedule Applicable. This allowance shall be made only if the customer submits to the Utility (a) 90 days' prior notice of intent to perform maintenance and (b) records showing to the satisfaction of the Utility what part of the load on the Utility's system in any of the aforementioned months was due to such scheduled maintenance. The Utility, at its sole option, may defer customer's scheduled maintenance subsequent to which deferral an outage for maintenance will be allowed in accordance herewith. Notice of such deferral, if any, shall be given by the Utility not less than 60 days prior to customer's scheduled outage, except in event of an emergency. Where maintenance is performed during a part of one or more of these months, this provision shall apply only during that part. One allowance each calendar year for a partial outage for maintenance for each unit of a multiple unit source or pair of outages of up to 72 hours, for each of one or more units, to remove and replace all or a portion of customer's source shall be made in accordance with the foregoing during the months specified.

(continued)

Advice Letter No. 734-E
 Decision No. _____

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed April 13, 1979
 Effective May 15, 1979
 Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 6973-E
Canceling Revised Cal. P.U.C. Sheet No. 4940-E

Schedule No. S-1
STAND-BY SERVICE

(Continued)

10. **Reactive Demand:** When the customer's plant (or other source) is operated in parallel with the Utility's system, the customer will so design and operate his facilities that the reactive current requirements of the portion of the customer's load supplied from the customer's plant (or other source) are not supplied at any time from the Utility's system. In the event customer places a reactive demand on the Utility in any month in excess of 0.1 kvar per kw of Contract Capacity, the Reactive Demand Charge shall be effective that month and each month thereafter until the customer demonstrates to the Utility's satisfaction that adequate correction has been provided.

11. **Voltage Adjustment:** The above stand-by charges are applicable without adjustment for voltage when delivery is made at transmission voltage (60 kv and above). When delivery is made at the standard primary distribution voltage at 2 kv or above available in the area from the Utility's distribution line or, where the Utility has elected to supply service at a standard primary distribution voltage from a transmission line, for its operating convenience, from Utility-owned transformers on the customer's property, the above charges for any month will be increased by 10¢ per kw of contract capacity. When (a) delivery is made at less than 2 kv, or (b) when delivery is made by means of Utility-owned transformers at a distribution voltage other than a standard primary distribution voltage, or (c) when delivery is made at a voltage that requires more than one stage of transformation from transmission voltage, the above charges for any month will be increased by 25¢ per kw of contract capacity.

The Utility retains the right to change its line voltage at any time, after reasonable advance notice to any customer affected by such change, and such customer then has the option to change his system so as to receive service at the new line voltage or to accept service through transformers to be supplied by Utility subject to the voltage adjustment above.

12. **Excess Off Peak Service:** Excess off peak stand-by service is available only where the Regular Schedule Applicable is Schedule No. A-22 or A-23 and applies to service which is provided only during the off peak periods specified therein and which is in excess of other stand-by service, if any.

13. **Definitions:**

- (a) **Co-generation Technology** — the use for the generation of electricity of exhaust steam, waste steam, heat, or resultant energy from an industrial, commercial, or manufacturing plant or process, or the use of exhaust steam, waste steam, or heat from a thermal powerplant for an industrial, commercial, or manufacturing plant or process.
- (b) **Renewable Resources** — those sources of energy which are not diminished by use for electric generation, including wind power; solar heat, either direct conversion or steam; steam where the energy source is rubbish, animal waste or other waste fuel not a fossil fuel or a derivation thereof; tidal or wave energy; and geothermal energy. The use of renewable resources may or may not employ Co-generation Technology.

Advice Letter No. 714-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed December 22, 1978
Effective January 21, 1979
Resolution No. _____

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7051-E
Canceling Original Cal. P.U.C. Sheet No. 6778

Schedule No. AD

EXPERIMENTAL NON-DOMESTIC LOAD DEFERRAL SERVICE

APPLICABILITY

Service under this Schedule is provided at the sole option of the Utility for the purpose of evaluating a non-domestic load deferral service and is applicable to single-phase and polyphase alternating current services which have Utility-controlled central refrigeration air conditioning.

TERRITORY

Any portion of the entire territory served, as determined by the Utility.

RATES

The regular single-phase or polyphase alternating current service schedule otherwise applicable in the area served, less the following discount per ton (to the nearest .5 ton) of controlled connected load:

<u>Control Discount</u>	<u>Per Meter Per Month</u>
Central Air Conditioning, per ton	\$1.50

provided, however, that the total bill for service shall not be less than the customer or demand charge plus the Energy Cost Adjustment.

SPECIAL CONDITIONS

- Determination of suitability of customer's central refrigeration air conditioning for controlled load service will be made by the Utility.
- The tonnage of each controlled air conditioner will be determined by the Utility based on nameplate rating of the unit or, if not available, by test or from other available data. The Utility reserves the right to exclude from the discount any additions or changes to the customer's air conditioner(s).
- The Control Discount for central air conditioning is in effect for meter readings commencing May 1 and terminating September 30 of each year.
- Control will be accomplished between the hours of 8:30 am and 10:30 pm by means of a special thermostat the set point of which may be raised by the Utility by remote control, but not to exceed 82°F. During emergency conditions as determined by the Utility, complete interruption of the customer's air conditioner(s) may be initiated by the Utility for such a time as needed while the emergency condition lasts.
- This schedule is not optional. Applicability will be determined by the Utility notwithstanding the provisions of Rule No. 12.
- Control mechanisms and associated wiring shall be installed, tested and maintained at the direction of the Utility at locations selected by the Utility and at no expense to the customer. Upon termination of this schedule with respect to any customer, all wiring will be returned to normal operating condition at the Utility's expense. Rule No. 16, items D, E, and F, are specifically applicable to service hereunder.
- Termination of Schedule: This rate schedule is temporary and will terminate three years after it first becomes effective.

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President--Rates and Valuation
A-44

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

POOR ORIGINAL

Pacific Gas and Electric Company
San Francisco, California

Original Cal. P.U.C. Sheet No. 7056-E
Canceling _____ Cal. P.U.C. Sheet No. _____

Schedule No. DA

EXPERIMENTAL DOMESTIC AIR CONDITIONING LOAD DEFERRAL SERVICE

APPLICABILITY

Service under this Schedule is provided at the sole option of the Utility for the purpose of evaluating a controlled domestic load service and is applicable to single-phase individually metered domestic power service customers who have Utility-controlled electric central refrigerative air conditioning, which, in the opinion of the Utility, may be suitable for controlled service.

TERRITORY

Any portion of the entire territory served, as determined by the Utility.

RATES

The regular domestic service schedule otherwise applicable in the area served, less a discount of \$2.00 per household per month, provided, however, that the total bill for service shall not be less than the customer charge plus the Energy Cost Adjustment.

SPECIAL CONDITIONS

1. Control will be accomplished between the hours of 8:30 a.m. and 10:30 p.m. by interruption of controlled air conditioners for a period not to exceed 15 minutes of each half hour.
2. The Control Discount for central air conditioning is in effect for meter readings commencing May 1 and terminating September 30 of each year.
3. Controlled loads hereunder shall be limited to permanently installed appliances served from branch circuits exclusively devoted to such appliances.
4. This schedule is not optional under the provisions of Rule No. 12. Applicability will be based on suitability as determined solely by the Utility.
5. Control mechanisms and associated wiring shall be installed, tested and maintained at the direction of the Utility at locations selected by the Utility and at no expense to the customer. Upon termination of this schedule with respect to any customer, all wiring will be returned to normal operating condition at the Utility's expense. Rule No. 16, items D, E, and F, are specifically applicable to service hereunder.
6. Termination of Schedule DA's rate is temporary and will terminate April 30, 1980.

Advice Letter No. 735-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

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Resolution No. E-1837

Pacific Gas and Electric Company
 San Francisco, California

Revised Cal. P.U.C. Sheet No. 7057-E
 Canceling Original Cal. P.U.C. Sheet No. 7052

Schedule No. DC

EXPERIMENTAL DOMESTIC CONTROLLED LOAD SERVICE

APPLICABILITY

Service under this Schedule is provided at the sole option of the Utility for the purpose of evaluating a controlled domestic load service and is applicable to single-phase individually metered domestic power service customers who have Utility-controlled electric central refrigerative air conditioning, which, in the opinion of the Utility, may be suitable for controlled service.

TERRITORY

Any portion of the entire territory served, as determined by the Utility.

RATES

The regular domestic service schedule otherwise applicable in the area served, less a discount of \$6.00 per household per month, provided, however, that the total bill for service shall not be less than the customer charge plus the Energy Cost Adjustment.

SPECIAL CONDITIONS

1. Control will be accomplished between the hours of 8:30 a.m. and 10:30 p.m. by interruption of controlled air conditioners for a period not to exceed 15 minutes of each half hour.
2. The Control Discount for central air conditioning is in effect for meter readings commencing May 1 and terminating September 30 of each year.
3. Controlled loads hereunder shall be limited to permanently installed appliances served from branch circuits exclusively devoted to such appliances.
4. This schedule is not optional under the provisions of Rule No. 12. Applicability will be based on suitability as determined solely by the Utility.
5. Control mechanisms and associated wiring shall be installed, tested and maintained in the direction of the Utility at locations selected by the Utility and at no expense to the customer. Upon termination of this schedule with respect to any customer, all wiring will be returned to normal operating condition at the Utility's expense. Rule No. 16, items D, E, and F, are specifically applicable to service hereunder.
6. Termination of Schedule: This rate is temporary and will terminate April 30, 1980.

Advice Letter No. 735-E
 Decision No. _____

Issued by
 W. M. Gallavan
 Vice-President—Rates and Valuation

Date Filed April 13, 1979
 Effective May 15, 1979
 Resolution No. E-1837

Pacific Gas and Electric Company
San Francisco, California

Revised Cal. P.U.C. Sheet No. 7053-E
Canceling Revised Cal. P.U.C. Sheet No. 6991-E

Schedule No. PA-1X

EXPERIMENTAL AGRICULTURAL POWER -- TIME VARYING

APPLICABILITY

This schedule is applicable up to 50 customers currently served under Schedule No. PA-1B who request service under this Schedule and are selected by the Utility to participate, but it is not applicable to customers to which either time-varying Schedule No. A-21 or A-22 will be applicable. Applicability will be determined by the utility notwithstanding the provisions of Rule No. 12.

TERRITORY

The entire territory served.

RATES (Per Meter Per Month)

Monthly Service Charge

\$8.50 plus \$0.10 per Kw of Maximum Demand

Energy Charge (In Addition to the Service Charge)

	<u>Per Meter Per Month</u>	
	<u>Period A</u>	<u>Period B</u>
On-Peak, per Kwh	\$0.07469	\$0.03782
Plus: Partial-Peak, per Kwh	0.01232	0.01232
Plus: Off-Peak, per Kwh	0.00893	0.00893

Minimum Charge:

The minimum charge shall be the monthly service charge.

Adjustments:

Adjustments, as specified in Parts B and C of the Preliminary Statement, will be added to each bill for service calculated at the above rates, including bills for minimum charges. Adjustment amounts are as follows:

Energy Cost Adjustment	<u>per kwh</u> \$.91722
Tax Change Adjustment	(.00071)
Total	\$.01651

SPECIAL CONDITIONS

1. Time Periods:

Period A is applicable to meter readings from May 1 to September 30, inclusive, for the following hours:

On-Peak	12:30 p.m. to 6:30 p.m.	Monday through Friday
Partial Peak	8:30 a.m. to 12:30 p.m. 6:30 p.m. to 10:30 p.m.	Monday through Friday
Off-Peak	10:30 p.m. to 8:30 a.m. All day Saturday and Sunday	Monday through Friday

(continued)

Advice Letter No. 734-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President—Rates and Valuation

Date Filed April 13, 1979
Effective May 15, 1979
Resolution No. E-1836

Schedule No. PA-IX.

Experimental Agricultural Power - Time Varying
(Continued)

SPECIAL CONDITIONS (Continued)

1. Time Periods (Continued):

Period B is applicable to meter readings from October 1, to April 30, inclusive, for the following hours:

On-peak	4:30 p.m. to 8:30 p.m.	Monday through Friday
Partial Peak	8:30 a.m. to 4:30 p.m. 8:30 p.m. to 10:30 p.m.	Monday through Friday
Off-peak	10:30 p.m. to 8:30 a.m. All day Saturday and Sunday	Monday through Friday

2. Contracts: Where a line extension is required or where the cost to the Utility to install the necessary facilities is substantial, a written contract for an initial term of three years will be required for service under Schedule No. PA-1. In all other instances, a written contract for an initial term of one year, beginning on the first regular monthly meter reading date after service is commenced, will be required. Contracts will remain in effect after the initial term until terminated by either the customer or the Utility.
3. Contract Period: The above rates will apply month to month for one year beginning with the first regular monthly meter reading date after service is commenced, and will continue for up to two years at the sole discretion of the Utility.
4. Payment of Charges: The service charge and energy charge will be computed on meter readings and will be payable each month.
5. Maximum Demand: The maximum demand in any monthly billing period will be the maximum average power, expressed in kilowatts, taken during any 15-minute interval in the month, but not less than the diversified resistance welder load computed in accordance with Rule No. 2. Where the use of energy is intermittent or subject to abnormal fluctuation, a 5-minute interval may be used.
6. Discontinuance of Service: A customer may cease taking service at any time after expiration of the initial term of the applicable contract. No adjustment of billing will be made when service is discontinued. Any customer resuming service within twelve months after discontinuing service will be required to pay all charges that would have been billed if service had not been discontinued.
7. Credit for Ownership of Transformer by Customer: Customers operating installations having a connected load of 50 HP or over and owning the transformers supplying such installations as of September 21, 1975, will be allowed the following credits:

<u>Size of Installation</u>	<u>Annual Credit per hp of Connected Load</u>
50 - 99 HP	\$1.00 per HP
100 - 499 HP	.90 per HP

In those cases where the customer's motor operates at the voltage at which the service is metered, no credit for customer ownership of transformers will be allowed on the connected load of such motor.

Advice Letter No. 679-E
Decision No. _____

Issued by
W. M. Gallavan
Vice-President - Rates and Valuation

Date Filed June 29, 1978
Effective July 29, 1978
Resolution No. _____

EXHIBIT B
RATE ADJUSTMENT
DECEMBER 1, 1979

B Rate Adjustment
December 1, 1979

PACIFIC GAS AND ELECTRIC COMPANY
 DIABLO CANYON ADJUSTMENT
 COMPUTATION OF OFFSET ADJUSTMENT

Unit No. 1-Commercial Operating Date-December 1, 1979
 Unit No. 2-Commercial Operating Date-August 1, 1980

<u>Unit No. 1</u>	<u>Total System</u>	<u>CPUC Jurisdictional</u>
1. Sales - M ² Kwh	61,458	58,887
2. Sales adjusted for DWR, etc. M ² Kwh		56,780
3. Revenue Requirement- \$M	167,438	155,758
Adjustment (Line 3 + Line 2) Mills per Kwh		2.743

<u>Unit No. 2</u>	<u>Total System</u>	<u>CPUC Jurisdictional</u>
1. Sales - M ² Kwh	63,195	60,291
2. Sales adjusted for DWR etc. M ² Kwh		58,236
3. Revenue Requirement- \$M	131,622	122,438
Adjustment (Line 3 + Line 2) Mills per Kwh		2.102

Sales Adjusted for Department of Water Resources, DS, DE and DT.

EXHIBIT C
RATE ADJUSTMENT
FEBRUARY 1, 1980

C Rate Adjustment
February 1, 1980

PACIFIC GAS AND ELECTRIC COMPANY
 DIABLO CANYON ADJUSTMENT
 COMPUTATION OF OFFSET ADJUSTMENT

Unit No. 1-Commercial Operating Date-February 1, 1980
 Unit No. 2-Commercial Operating Date-October 1, 1980

<u>Unit No. 1</u>	<u>Total System</u>	<u>CPUC Jurisdictional</u>
1. Sales - M ² Kwh	61,959	59,212
2. Sales adjusted for DWR, etc. M ² Kwh		57,120
3. Revenue Requirement- \$M	171,331	159,378
Adjustment (Line 3 + Line 2) Mills per Kwh		2.790
<u>Unit No. 2</u>	<u>Total System</u>	<u>CPUC Jurisdictional</u>
1. Sales - M ² Kwh	63,694	60,720
2. Sales adjusted for DWR etc. M ² Kwh		58,635
3. Revenue Requirement- \$M	135,341	125,898
Adjustment (Line 3 + Line 2) Mills per Kwh		2.147

Sales Adjusted for Department of Water Resources, DS, DE and DT.

PACIFIC GAS AND ELECTRIC COMPANY

Results of Operations - 1978 Test Year - Decision 89316
Adjusted To Reflect Commercial Operating Date Unit No. 1 December 1, 1979
And Unit No. 2 - August 1, 1980
(000's Omitted)

Line No.	Total Electric		CPUC Jurisdictional Sales				Proposed ECAC Adjustment			Line No.	
	Diablo Canyon Unit No. 1	Diablo Canyon Unit No. 2	Dec. No. 89316 at Authorized Rates (a)	Diablo Canyon Unit No. 1 Addition (D)	Diablo Canyon Unit No. 2 Addition (E)	Base Rates Adjusted (F)	Diablo Canyon Unit No. 1 (G)	Diablo Canyon Unit No. 2 (H)	Adjusted (I)		
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		
1	Operating Revenues	167,438	131,622	2,000,011	155,758	122,438	2,278,207	(155,758)	(122,438)	2,000,011	1
	Operating Expenses										
2	Production Expenses - ECAC			831,951			831,951	(154,178)	(121,196)	556,577	2
3	Production Expenses - Non ECAC	4,621	4,843	90,128	4,298	4,504	98,930			98,930	3
4	Transmission Expenses			13,318			13,318			13,318	4
5	Distribution Expenses			109,423			109,423			109,423	5
6	Customer Account Expense			44,553			44,553			44,553	6
7	Uncollectibles	551	434	4,367	551	434	5,352	(551)	(434)	4,367	7
8	Customer Services and Informational Expenses										
8	Base Program			6,479			6,479			6,479	8
9	Supplemental Conservation			6,655			6,655			6,655	9
10	Total			13,134			13,134			13,134	10
	Load Management										
11	Rate Research			6,716			6,716			6,716	11
12	Administrative and General Expense	1,863	1,507	100,945	1,733	1,402	104,080			104,080	12
13	Franchise Requirements	1,106	869	12,636	1,029	808	14,473	(1,029)	(808)	12,636	13
14	Wage Adjustments			2,153			2,153			2,153	14
15	Sub-Total	8,140	7,653	1,229,324	7,611	7,148	1,244,083	(155,758)	(122,438)	965,887	15
16	Depreciation Expense	35,705	29,211	162,270	33,206	27,166	222,642			222,642	16
17	Taxes Other Than Income	6,284	4,899	116,603	5,844	4,556	127,003			127,003	17
18	State Corporation Franchise Tax	8,240	6,308	24,541	7,663	5,866	38,070			38,070	18
19	Federal Income Tax	22,664	14,895	87,588	21,078	13,852	122,518			122,518	19
20	Total Operating Expenses	81,034	62,966	1,620,326	75,402	58,588	1,754,316	(155,758)	(122,438)	1,476,120	20
21	Net Operating Revenues - Adjusted	86,404	68,656	379,685	80,356	63,850	523,891			523,891	21
22	Rate Base	909,517	722,695	3,996,682	845,850	672,106	5,514,638			5,514,638	22
23	Rate of Return	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%			9.5%	23

(a) ECAC Revenues and ECAC Production Expenses and associated franchise and uncollectibles at rate of May 15, 1979 are included.

POOR ORIGINAL

PACIFIC GAS AND ELECTRIC COMPANY

Results of Operations - 1978 Test Year - Decision 89316
Adjusted To Reflect Commercial Operating Date Unit No. 1 February 1, 1980
And Unit No. 2 October 1, 1980
(000's Omitted)

Line No.	Total Electric		CPUC Jurisdictional Sales				Proposed ECAC Adjustment			Line No.
	Diablo Canyon Unit No. 1 Addition	Diablo Canyon Unit No. 2 Addition	Dec. No. 89316 at Authorized Rates (a)	Diablo Canyon Unit No. 1 Addition	Diablo Canyon Unit No. 2 Addition	Base Rates Adjusted	Diablo Canyon Unit No. 1	Diablo Canyon Unit No. 2	Adjusted	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
1	171,331	135,341	2,000,011	159,379	125,898	2,285,287	(159,378)	(125,898)	2,000,011	2
	Operating Expenses									
2			831,951	-	-	831,951	(157,760)	(124,721)	549,570	2
3	4,675	4,899	90,128	4,348	4,556	99,032			99,032	3
4			13,318			13,318			13,318	4
5			109,423			109,423			109,423	5
6			44,553			44,553			44,553	6
7	565	447	4,367	565	447	5,379	(565)	(447)	4,367	7
8			6,479			6,479			6,479	8
9			6,655			6,655			6,655	9
10			13,134			13,134			13,134	10
	Load Management									
11			6,716			6,716			6,716	11
12	1,889	1,529	100,945	1,757	1,422	104,124			104,124	12
13	1,132	893	12,636	1,053	830	14,519	(1,053)	(830)	12,636	13
14			2,153			2,153			2,153	14
15	8,261	7,768	1,229,324	7,723	7,255	1,244,302	(159,378)	(125,898)	959,026	15
16	36,545	29,681	162,270	33,987	27,603	223,860			223,860	16
17	6,531	5,116	116,603	6,074	4,758	127,435			127,435	17
18	8,494	6,616	24,541	7,899	6,153	38,593			38,593	18
19	23,752	16,328	87,588	22,089	15,185	124,862			124,862	19
20	83,583	65,509	1,620,326	77,772	60,954	1,759,052	(159,378)	(125,898)	1,473,776	20
21	87,748	69,832	379,685	81,606	64,944	526,235			526,235	21
22	923,663	735,077	3,996,682	859,007	683,622	5,539,311			5,539,311	22
23	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%			9.5%	23

(a) ECAC Revenues and ECAC Production Expenses and associated franchise and uncollectibles at rate of May 15, 1979 are included.

PACIFIC GAS AND ELECTRIC COMPANY

Results of Operations - 1980 Test Year - Application 58545
Adjusted To Reflect Commercial Operating Date Unit No. 1 December 1, 1979
And Unit No. 2 - August 1, 1980
(000's Omitted)

Line No.		Total Electric		CPUC Jurisdictional Sales			Proposed ECAC Adjustment			Line No.	
		Diablo Canyon Unit No. 1 Addition	Diablo Canyon Unit No. 2 Addition	At Proposed Base Rates	Diablo Canyon Unit No. 1 Addition	Diablo Canyon Unit No. 2 Addition	Total	Diablo Canyon Unit No. 1	Diablo Canyon Unit No. 2		Adjusted
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)		(I)
1	Operating Revenues	167,438	131,622	1,426,631	155,758	122,438	1,704,827	(155,758)	(122,438)	1,426,631	1
	Operating Expenses										
2	Production Expenses - ECAC							(154,178)	(121,196)	(275,374)	2
3	Production Expenses - Non ECAC	4,621	4,843	124,566	4,298	4,504	133,368			133,368	3
4	Transmission Expenses			16,873			16,873			16,873	4
5	Distribution Expenses			131,912			131,912			131,912	5
6	Customer Account Expense			51,752			51,752			51,752	6
7	Uncollectibles	551	434	2,244	551	434	3,229	(551)	(434)	2,244	7
	Customer Services and Informational Expenses										
8	Base Program			24,810			24,810			24,810	8
9	Load Management			29,518			29,518			29,518	9
	Administrative and General Expense	1,863	1,507	126,050	1,733	1,402	129,185			129,185	10
11	Franchise Requirements	1,106	869	9,072	1,029	808	10,909	(1,029)	(808)	9,072	11
12	Wage Adjustments			5,049			5,049			5,049	12
13	Sub-Total	8,141	7,653	521,846	7,611	7,148	536,605	(1,580)	(1,242)	533,783	13
14	Depreciation	35,705	29,211	192,219	33,206	27,166	252,591			252,591	14
15	Taxes Other Than Income State Corporation	6,284	4,899	80,773	5,844	4,556	91,173			91,173	15
16	Franchise Tax	8,240	6,308	34,590	7,663	5,866	48,119			48,119	16
17	Federal Income Tax	22,664	14,895	119,190	21,078	13,852	154,120			154,120	17
18	Total Operating Expenses	81,034	62,966	948,618	75,402	58,588	1,082,608	(155,758)	(122,438)	804,412	18
19	Net Operating Revenues	86,404	68,656	478,013	80,356	63,850	622,219			622,219	19
20	Rate Base	909,517	722,695	4,463,239	845,850	672,106	5,981,195			5,981,195	20
21	Rate of Return	9.5	9.5	10.71	9.5	9.5	10.40			10.40	21

PDR ORIGINAL

PACIFIC GAS AND ELECTRIC COMPANY

Results of Operations - 1980 Test Year - Application 58545
Adjusted To Reflect Commercial Operating Date Unit No. 1 February 1, 1980
And Unit No. 2 - August 1, 1980
(000's Omitted)

Line No.	Total Electric		CPUC Jurisdictional Sales				Proposed ECAC Adjustment			Line No.
	Diablo Canyon Unit No. 1 Addition	Diablo Canyon Unit No. 2 Addition	At Proposed Base Rates	Diablo Canyon Unit No. 1 Addition	Diablo Canyon Unit No. 2 Addition	Total	Diablo Canyon Unit No. 1	Diablo Canyon Unit No. 2	Adjusted	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
1	171,331	135,341	1,426,631	159,378	125,892	1,711,901	(159,378)	(125,892)	1,426,631	1
	Operating Expenses									
2							(157,760)	(124,615)	(282,375)	2
3	4,675	4,899	124,566	4,348	4,556	133,470			133,470	3
4			16,873			16,873			16,873	4
5			131,912			131,912			131,912	5
6			51,752			51,752			51,752	6
7	565	447	2,244	565	447	3,256	(565)	(447)	2,244	7
8			24,810			24,810			24,810	8
9			29,518			29,518			29,518	9
10	1,889	1,529	126,050	1,757	1,422	129,229			129,229	10
11	1,132	893	9,072	1,053	830	10,955	(1,053)	(830)	9,072	11
12			5,049			5,049			5,049	12
13	8,261	7,768	521,846	7,723	7,255	536,824	(1,518)	(1,277)	533,929	13
14	36,545	29,681	192,219	33,987	27,603	253,809			253,809	14
15	6,531	5,116	80,773	6,074	4,758	91,605			91,605	15
16	8,494	6,616	34,590	7,899	6,153	48,642			48,642	16
17	23,752	16,328	119,190	22,089	15,185	156,464			156,464	17
18	83,583	65,509	948,618	77,772	60,954	1,087,344	(159,378)	(125,892)	802,074	18
19	87,748	69,832	478,013	81,606	64,938	624,557			624,557	19
20	923,663	735,077	4,463,239	859,007	683,622	6,005,868			6,005,868	20
21	9.5	9.5	10.71			10.4			10.4	21

POOR ORIGINAL

EXHIBIT E

P G and E FINANCIAL DATA

PACIFIC GAS AND ELECTRIC COMPANY

BALANCE SHEET
MARCH 31, 1979

ASSETS AND OTHER DEBITS
(000 Omitted)

Line No.			Line No.
<u>UTILITY PLANT</u>			
1	Utility Plant	\$7,842,443	1
2	Construction Work in Progress	2,016,458	2
3	Total Utility Plant	9,858,901	3
4	Less Accumulated Provision for Depreciation and Amortization	2,514,481	4
5	Net Utility Plant, Less Nuclear Fuel	7,344,420	5
6	Nuclear Fuel	163,746	6
7	Less Accumulated Provision for Amortization of Nuclear Fuel Assemblies	7,028	7
8	Net Nuclear Fuel	156,718	8
9	Net Utility Plant	7,501,136	9
10	Gas Stored Underground - Noncurrent	12,191	10
<u>OTHER PROPERTY AND INVESTMENTS</u>			
11	Nonutility Property	2,482	11
12	Investment in Subsidiary Companies (Cost \$151,789)	204,990	12
13	Other Investments	958	13
14	Special Funds	427	14
15	Total Other Property and Investments	208,857	15
<u>CURRENT AND ACCRUED ASSETS</u>			
16	Cash	-	16
17	Special Deposits	1,474	17
18	Working Funds	383	18
19	Temporary Cash Investments	64,346	19
20	Notes and Accounts Receivable (less accumulated provision for uncollectible accounts)	349,860	20
21	Receivables from Associated Companies	24,783	21
22	Regulatory Balancing Accounts - Receivable	117,935	22
23	Materials and Supplies	187,307	23
24	Gas Stored Underground - Current	133,740	24
25	Prepayments	36,715	25
26	Interest and Dividends Receivable	10,133	26
27	Total Current and Accrued Assets	926,676	27
<u>DEFERRED DEBITS</u>			
28	Unamortized Debt Expense	4,299	28
29	Clearing Accounts	3,284	29
30	Temporary Facilities	(517)	30
31	Miscellaneous Deferred Debits	1,748	31
32	Total Deferred Debits	8,814	32
33	Total Assets and Other Debits	\$8,657,676	33

() Denotes Deduction

1
Exhibit E

POOR ORIGINAL

PACIFIC GAS AND ELECTRIC COMPANY

BALANCE SHEET
MARCH 31, 1979

LIABILITIES AND OTHER CREDITS
() Denotes Deduction

<u>Line No.</u>			<u>Line No.</u>
<u>PROPRIETARY CAPITAL</u>			
1	Common Stock Issued	\$1,015,746	1
2	Preferred Stock Issued	1,102,451	2
3	Premium on Capital Stock	733,093	3
4	Discount on Capital Stock	(7,796)	4
5	Capital Stock Expense	(51,848)	5
6	Retained Earnings	<u>1,341,506</u>	6
7	Total Proprietary Capital	<u>4,133,112</u>	7
<u>LONG-TERM DEBT</u>			
8	Bonds (less \$18,382 reacquired)	3,538,252	8
9	Unamortized Premium on Long-Term Debt	1,070	9
10	Unamortized Discount on Long-Term Debt	(20,467)	10
11	Total Long-Term Debt	<u>3,518,855</u>	11
<u>CURRENT AND ACCRUED LIABILITIES</u>			
12	Notes Payable	49,931	12
13	Accounts Payable	242,046	13
14	Payables to Associated Companies	83,593	14
15	Regulatory Balancing Accounts - Refundable	14,915	15
16	Customer Deposits	13,592	16
17	Taxes Accrued	187,473	17
18	Interest Accrued	85,737	18
19	Dividends Declared	81,051	19
20	Matured Long-Term Debt	1,253	20
21	Matured Interest	230	21
22	Tax Collections Payable	14,403	22
23	Miscellaneous Current and Accrued Liabilities	<u>10,032</u>	23
24	Total Current and Accrued Liabilities	<u>784,256</u>	24
<u>DEFERRED CREDITS</u>			
25	Customer Advances for Construction	72,779	25
26	Accumulated Deferred Investment Tax Credits	59,863	26
27	Other Deferred Credits	15,187	27
28	Unamortized Gain on Reacquired Debt	42,768	28
29	Accumulated Deferred Income Taxes	30,856	29
30	Total Deferred Credits	<u>221,453</u>	30
31	Total Liabilities and Other Credits	<u>\$8,657,676</u>	31

() Denotes Deduction

POOR ORIGINAL

PACIFIC GAS AND ELECTRIC COMPANY

INCOME STATEMENT
(000 Omitted)

Line No.		Three Months Ended March 31, 1979	Twelve Months Ended March 31, 1979	Line No.
<u>UTILITY OPERATING INCOME</u>				
	Operating Revenues:			
1	Electric Department	\$540,070	\$2,176,217	1
2	Gas Department	454,744	1,445,995	2
3	Water Department	141	1,248	3
4	Steam Sales Department	973	2,916	4
5	Total Operating Revenues	<u>995,928</u>	<u>3,626,376</u>	5
	Operating Expenses:			
6	Operation Expenses	729,186	2,524,495	6
7	Maintenance Expenses	30,579	118,807	7
8	Depreciation Expenses	58,502	224,407	8
9	Amortization and Depletion of Utility Plant	8	31	9
10	Taxes Other than Income Taxes	29,239	117,870	10
11	Income Taxes - Federal	28,099	157,129	11
12	Income Taxes - Other	6,600	34,828	12
13	Provision for Deferred Income Taxes - Credit	(736)	(2,945)	13
14	Investment Tax Credit Adjustments - Net	(9,543)	(30,753)	14
15	Total Utility Operating Expenses	<u>871,934</u>	<u>3,143,869</u>	15
16	Net Utility Operating Income	<u>123,994</u>	<u>482,507</u>	16
<u>OTHER INCOME AND DEDUCTIONS</u>				
	Other Income:			
17	Nonutility Operating Income	28	40	17
18	Equity in Earnings of Subsidiary Companies	7,177	22,772	18
19	Interest and Dividend Income	5,994	23,577	19
20	Allowance for Equity Funds Used During Construction	31,935	116,183	20
21	Miscellaneous Nonoperating Income	93	283	21
22	Gain on Disposition of Property	-	2,079	22
23	Total Other Income	<u>45,227</u>	<u>164,934</u>	23
	Other Income Deductions:			
24	Loss on Disposition of Property	-	152	24
25	Miscellaneous Amortization	-	265	25
26	Miscellaneous Income Deductions	1,335	4,657	26
27	Total Other Income Deductions	<u>1,335</u>	<u>5,074</u>	27
	Taxes Applicable to Other Income and Deductions:			
28	Taxes Other than Income Taxes	61	274	28
29	Income Taxes - Federal	(4,933)	(21,731)	29
30	Income Taxes - Other	(1,032)	(4,410)	30
31	Investment Tax Credit Adjustments - Net	108	356	31
32	Total Taxes on Other Income	<u>(5,796)</u>	<u>(25,511)</u>	32
33	Net Other Income and Deductions	<u>49,688</u>	<u>185,371</u>	33
<u>INTEREST CHARGES</u>				
34	Interest on Long-Term Debt	64,906	251,884	34
35	Amortization of Debt Discount and Expense	420	1,640	35
36	Amortization of Premium on Debt - Credit	(48)	(153)	36
37	Amortization of Gain on Reacquired Debt - Credit	(719)	(2,347)	37
38	Other Interest Expense	1,449	8,667	38
39	Allowance for Borrowed Funds Used During Construction	(7,984)	(31,297)	39
40	Total Interest Charges	<u>58,024</u>	<u>228,394</u>	40
41	Net Income	<u>\$115,658</u>	<u>\$ 439,484</u>	41

() Denotes Deduction

POOR ORIGINAL

DEPRECIATION AND FEDERAL INCOME TAXES

The following statement is submitted in accordance with Rule 23(h) of the Commission's Revised Rules of Procedure which requires a statement by applicant as to which of the optional methods provided in the Internal Revenue Code applicant has elected to employ in computing the depreciation deduction for the purpose of determining its federal income tax payments, and whether applicant has used the same method or methods in calculating federal income taxes for the test period for rate-making purposes:

For financial statement purposes depreciation of utility plant has been computed on a straight-line remaining life basis at rates based on the estimated useful lives of plant properties. For federal income tax accrual purposes the Company generally computes depreciation using liberalized methods, the 200% declining balance method on all qualified depreciable properties, class life system including the deduction of cost of removal on a current basis, and asset depreciation range system as allowed by the Treasury Department. In accordance with requirements of the California Public Utilities Commission (which has ruled that for rate-making and accounting purposes federal income taxes shall be considered at the accruable actual liability) the Company has reflected in net income the current tax reductions arising from the use of such liberalized methods of depreciation. The foregoing is the method used for both income presentation and for rate-making purposes.

EXHIBIT F

RESULTS OF OPERATIONS—SYSTEM

F
Results of Operations — System

ALL OPERATING DEPARTMENTS
REVENUES, EXPENSES, RATE BASES AND
RATES OF RETURN
YEAR 1978 RECORDED

(000's Omitted)

Line No.	Description	All Operating Departments (A)	Electric (B)	Line No.
1	Gross Operating Revenues	\$3,742,093	\$2,096,788	1
	Operating Expenses:			
2	Production	2,306,899	1,042,786	2
3	Storage	3,248	-	3
4	Transmission	41,222	17,801	4
5	Distribution	171,693	115,276	5
6	Customer Accounts	87,391	49,378	6
7	Customer Service and Informational Expense	14,109	8,632	7
8	Administrative and General	<u>181,816</u>	<u>122,851</u>	8
9	Total Expenses Excluding Taxes and Depreciation	2,806,378	1,356,724	9
	Taxes:			
10	Property	111,073	82,970	10
11	Payroll and Business	22,419	14,842	11
12	State Corporation Franchise	29,177	23,861	12
13	Federal Income Tax	<u>99,943</u>	<u>82,912</u>	13
14	Total Taxes	262,612	204,585	14
15	Depreciation	<u>220,105</u>	<u>166,724</u>	15
16	Total Operating Expenses	3,289,095	1,728,033	16
17	Net for Return	\$ 452,998	\$ 368,755	17
18	Rate Base	\$5,592,884	\$4,217,600	18
19	Rate of Return	8.10%	8.74%	19

EXHIBIT G
SERVICE OF NOTICE OF APPLICATION

SERVICE OF NOTICE OF APPLICATION

In accordance with Rule 24, Applicant will mail a notice to the following, stating in general terms its proposed increases in rates.

State of California

To the Attorney General and the Department of General Services

Counties

To the County Counsel or District Attorney and the County Clerk in the following counties:

Alameda	Marin	Santa Clara
Alpine	Mariposa	Santa Cruz
Amador	Mendocino	Shasta
Butte	Merced	Sierra
Calaveras	Monterey	Siskiyou
Colusa	Napa	Solano
Contra Costa	Nevada	Sonoma
El Dorado	Placer	Stanislaus
Fresno	Plumas	Sutter
Glenn	Sacramento	Tehama
Humboldt	San Benito	Trinity
Kern	San Francisco	Tulare
Kings	San Joaquin	Tuolumne
Lake	San Luis Obispo	Yolo
Lassen	San Mateo	Yuba
Madera	Santa Barbara	

Municipal Corporations

To the City Attorney and the City Clerk of the following municipal corporations:

Alameda	Atherton	Brentwood
Albany	Atwater	Brisbane
Amador	Auburn	Purlingame
Anderson	Bakersfield	alistoga
Angels	Belmont	Campbell
Antioch	Belvedere	Capitola
Arcata	Benicia	Carmel
Arroyo Grande	Berkeley	Chico
Arvin	Blue Lake	Chowchilla

Clayton
Cloverdale
Clovis
Coalinga
Colfax
Colma
Colusa
Concord
Corcoran
Corning
Corte Madera
Cotati
Cupertino
Daly City
Davis
Del Rey Oaks
Dinuba
Dixon
Dos Palos
El Cerrito
Emeryville
Escalon
Eureka
Fairfax
Fairfield
Ferndale
Firebaugh
Folsom
Fort Bragg
Fortuna
Foster City
Fowler
Fremont
Fresno
Gilroy
Gonzales
Grass Valley
Greenfield
Gridley
Grover City
Guadalupe
Gustine
Half Moon Bay
Hanford
Hayward
Healdsburg
Hercules
Hillsborough
Hollister
Huron
Ione

Isleton
Jackson
Kerman
Kings City
Kingsburg
Lafayette
Lakeport
Larkspur
Lemoore
Lincoln
Live Oak
Livermore
Livingston
Lodi
Lompoc
Los Altos
Los Altos Hills
Los Banos
Los Gatos
Madera
Manteca
Maricopa
Martinez
Marysville
McFarland
Mendota
Menlo Park
Merced
Millbrae
Mill Valley
Milpitas
Monterey
Monte Sereno
Moraga
Morgan Hill
Morro Bay
Mountain View
Napa
Nevada City
Newark
Newman
Novato
Oakdale
Oakland
Orange Grove
Orland
Oroville
Pacifica
Pacific Grove
Palo Alto
Parlier

Paso Robles
Patterson
Petaluma
Piedmont
Pinole
Pismo Beach
Pittsburg
Placerville
Pleasant Hill
Pleasanton
Plymouth
Point Arena
Portola Valley
Red Bluff
Redding
Redwood City
Reedley
Richmond
Rio Del
Rio Vista
Ripon
Riverbank
Rocklin
Rohnert Park
Roseville
Ross
Saint Helena
Salinas
San Anselmo
San Bruno
San Carlos
San Francisco
San Joaquin
San Jose
San Juan Bautista
San Leandro
San Luis Obispo
San Mateo
San Pablo
San Rafael
Sand City
Sanger
Santa Clara
Santa Cruz
Santa Maria
Santa Rosa
Saratoga
Sausalito
Scotts Valley
Seaside
Sebastopol

Selma
Shafter
Soledad
Sonoma
Sonora
South San Francisco
Stockton
Suisun City
Sunnyvale
Sutter Creek

Taft
Tehama
Tiburon
Tracy
Trinidad
Ukiah
Union City
Vacaville
Vallejo
Walnut Creek
Wasco

Watsonville
Wheatland
Williams
Willits
Willows
Winters
Woodland
Woodside
Yountville
Yuba City