

DEC 23 1988

Decision 88-12-100 December 19, 1988

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of PACIFIC GAS AND)
 ELECTRIC COMPANY for Commission)
 order finding that PG&E's gas and)
 electric operations during the)
 reasonableness review period from)
 February 1, 1987 to January 31,)
 1988, were prudent.)

ORIGINAL
 Application 88-04-020
 (Filed April 7, 1988)

Application of PACIFIC GAS AND)
 ELECTRIC COMPANY for authority)
 to adjust its electric rates)
 effective August 1, 1988.)

Application 88-04-057
 (Filed April 21, 1988)

OPINION

In Decision (D.) 88-12-040, we authorized Pacific Gas and Electric Company (PG&E) to increase its rates by \$78,922,000 to reflect increased costs associated with its Energy Cost Adjustment Clause (ECAC) proceeding. In D.88-12-083, D.88-12-094, and Resolution (Res.) E-3116, decided today, we also authorize increases in PG&E's revenue requirement connected with the Diablo Canyon nuclear power plant settlement (Application (A.) 84-06-014 and A.85-08-025) and PG&E's attrition rate adjustment (A.88-07-037 and Advice Letter No. 1226-E).

In D.88-12-031, we adopted principles to apply to the revenue allocation and rate design resulting from the rate changes in these three cases. Since we intend that the resulting rate changes would all take effect on January 1, 1989, we have consolidated the changes in revenue requirement into one rate change, following the principles of D.88-12-031.

The overall changes from these cases result in an increase of \$480.0 million, or 9.03%. When the principles of D.88-12-031 are applied to this increase, the rates shown in Appendix D result.

In this decision we merely authorize PG&E to collect the rates that result from our other decisions.

Findings of Fact

1. In D.88-12-040 in this proceeding, we authorized PG&E to increase its revenues by \$78,992,000.

2. In D.88-12-083 in A.84-06-014 and A.85-08-025, we authorized PG&E to increase its revenues by \$284,212,000.

3. In D.88-12-094 in A.88-07-037 and Res. E-3116, we authorized PG&E to increase its revenues by \$116,806,000.

4. In D.88-12-031, we adopted principles of revenue allocation and rate design to apply to PG&E's rate changes taking effect on January 1, 1989.

5. Appendices A, B, C, and D reflect the application of the principles of D.88-12-031 to the revenue requirement increases we have authorized for PG&E.

Conclusion of Law

PG&E should be authorized to collect the rates shown in Appendix D.

ORDER

IT IS ORDERED that:

1. Pacific Gas and Electric Company (PG&E) is authorized to collect the rates shown in Appendix D.


2. On or before December 28, 1988, PG&E is authorized to file revised tariff schedules reflecting Appendix D to this decision. The revised tariff schedules shall become effective on January 1, 1989, and shall comply with General Order 96-A.

This order is effective today.

Dated December 19, 1988, at San Francisco, California.

STANLEY W. HULETT
President
DONALD VIAL
FREDERICK R. DUDA
G. MITCHELL WILK
JOHN B. OHANIAN
Commissioners

I CERTIFY THAT THIS DECISION
WAS APPROVED BY THE ABOVE
COMMISSIONERS TODAY.


Victor Weissor, Executive Director

A.88-04-020, A.88-04-057 ALJ/BTC
CACD/jw/1

PACIFIC GAS AND ELECTRIC COMPANY

- APPENDIX A. ADOPTED REVENUE CHANGES
- APPENDIX B. ECAC REVENUE ALLOCATION
- APPENDIX C. ADOPTED MARGINAL ENERGY COSTS
- APPENDIX D. ELECTRIC RATE DESIGN

APPENDIX A

PACIFIC GAS AND ELECTRIC COMPANY
Attrition Year 1989 - CPUC Jurisdiction
Adopted Revenue Changes

LINE	RATE ELEMENT	PRESENT RATE REVENUE 1/ (\$ million)	REVENUE CHANGE (\$ million)	ADOPTED REVENUE (\$ million)	AVERAGE RATE (cents/kwh)
		(a)	(b)	(c)	(d)
1	Base Energy Rate	\$3,304.106	(\$78.076)	\$3,226.030	4.903
2	Energy Cost Adjustment Clause (ECAC)	1,365.476	1,044.132	2,409.608	3.662
3	Annual Energy Rate (AER)	139.153	10.666	149.819	0.227
4	Diablo Canyon Adjustment Clause (DCAC)	486.945	(486.945)	0.000	0.000
5	Conservation Financing Adjustment (CFA)	11.067	(9.567)	1.500	0.002
6	CPUC fees	7.903	0.000	7.903	0.012
7	Subtotal	\$5,314.650	\$480.010	\$5,794.660	8.806
8	Other operating revenues	21.183	0.000	21.183	---
9	Total	\$5,335.833	\$480.010	\$5,815.843	---

1/ At 65,801 gwh sales, adjusted for employee discounts (65,861 gwh unadjusted). Rates in effect 5/17/88.

(END APPENDIX A)

APPENDIX B

PACIFIC GAS AND ELECTRIC COMPANY
 ECAC REVENUE ALLOCATION
 CONSOLIDATED ECAC, DIABLO AND ATTRITION REVENUE
 EFFECTIVE AUGUST 1, 1988 1/

CUSTOMER GROUP	SALES 2/ (GWH)	ADJ PRESENT RATE REV 3/ (\$000's)	TOTAL MC REVS 4/ (\$000's)	FULL EPMC (\$000's)	(%) INC.	CAPPED EPMC 5/ (\$000's)	(%) INC.	AVERAGE RATE (\$/KWH)
RESIDENTIAL	22,485	1,968,486	1,496,827	2,201,450	11.8	2,201,450	11.8	0.098
LIGHT AND POWER								
SMALL	7,283	715,950	500,205	739,941	3.4	752,874	5.2	0.103
MEDIUM	12,201	1,060,370	742,991	1,099,007	3.6	1,118,216	5.5	0.092
LARGE	20,433	1,280,409	916,877	1,363,372	6.5	1,385,938	8.2	0.068
AGRICULTURE	3,192	265,506	237,839	352,411	32.7	296,532	11.7	0.093
STREETLIGHTING	267	39,650	14,827	38,479	(3.0)	39,650	0.0	0.148
TOTAL	65,861	5,330,371	3,909,566	5,794,660	8.7	5,794,660	8.7	0.088
CONTRACT REVENUE SHORTFALL:		15,728						
PRESENT RATE REVENUE:		5,314,643						

- 1/ Although facilities charges and optional TOU meter charges have been excluded from the revenue allocation process, these amounts have been added to the figures in this table in order to obtain the correct percentage increases and average rate calculations.
 Residential capped at full EPMC; agriculture capped at the percentage increase for residential.
 Classes entitled to a decrease based on EPMC capped at zero change.
 Remainder spread to other classes on an EPMC basis.
- 2/ Sales figures reflect sales that have not been adjusted for employee discounts.
- 3/ Present rate revenues are adjusted for the large power class. Large power revenues include special contracts at tariff rates. Contract revenues are lower than tariff revenues by \$15.7 million at present rates.
- 4/ Marginal energy costs reflect values shown in Appendix C.
- 5/ EPMC reflects inclusion of special contracts in allocation at tariff rates.

(END OF APPENDIX B)

APPENDIX C

PACIFIC GAS AND ELECTRIC COMPANY
ADOPTED MARGINAL ENERGY COSTS
ECAC Forecast Period -- August 1, 1988-July 31, 1989

DESCRIPTION	SUMMER			WINTER		ANNUAL AVERAGE
	PEAK	PARTIAL PEAK	OFF PEAK	PARTIAL PEAK	OFF PEAK	
1 MARGINAL ENERGY COSTS WITHOUT ADDERS (CENTS/KWH) -- BASED ON "OFF IN"	2.385	2.368	2.250	2.517	2.329	2.350
2 ENERGY WITH O&M ADDER OF 1.06 MILL/KWH	2.491	2.474	2.356	2.623	2.435	2.456
3 CASH WORKING CAPITAL (L2 = 2.21%)	0.055	0.055	0.052	0.058	0.054	0.054
4 REVENUE REQUIREMENT CASH WORKING CAPITAL (L3 = 21.7%)	0.012	0.012	0.011	0.013	0.012	0.012
5 MARGINAL ENERGY COST PLUS ADDERS (L2 + L4)	2.503	2.486	2.367	2.636	2.447	2.468
TRANSMISSION						
6 TRANSMISSION ENERGY LOSS FACTOR	1.0165	1.0127	1.0125	1.0129	1.0106	1.01234
7 MARGINAL ENERGY COST + LOSSES (c/kwh) (L5 * L6)	2.544	2.517	2.397	2.670	2.473	2.498
PRIMARY						
8 PRIMARY ENERGY LOSS FACTOR	1.0468	1.0381	1.0133	1.0441	1.0128	1.0243
9 MARGINAL ENERGY COST + LOSSES (c/kwh) (L7 * L8)	2.663	2.613	2.429	2.787	2.504	2.559
SECONDARY						
10 SECONDARY ENERGY LOSS FACTOR	1.0362	1.0253	1.0149	1.0327	1.0146	1.0210
11 MARGINAL ENERGY COST + LOSSES (c/kwh) (L9 * L10)	2.760	2.679	2.465	2.878	2.541	2.613

(END OF APPENDIX C)

A.88-04-020, A.88-04-057 ALJ/BTC CACD/sl,jp/1

APPENDIX D
PACIFIC GAS AND ELECTRIC COMPANY
EFFECTIVE 01/01/89
ADOPTED RESIDENTIAL RATES
PAGE 1

SUMMER WINTER

(Rates are in \$/KWH, \$/KW and \$/Customer month).

E-1	/1/		
	Tier 1 Energy	\$0.08132	\$0.08132
	Tier 2 Energy	\$0.12753	\$0.12753
	Minimum Charge	\$5.00	\$5.00

E-7			
	On-Peak Energy	\$0.22742	\$0.11403
	Off-Peak Energy	\$0.07392	\$0.06466
	Baseline Credit	\$0.00896	\$0.00896
	Minimum Energy Charge	\$5.00	\$5.00
	Meter Charge	\$4.40	\$4.40

/1/ The residential baseline rate is 92.8% of the system average rate (SAR), where the SAR is total revenue requirement from sales divided by total sales (\$5,794,660 MM/ 65,861 MMKWH = 0.08798/\$/KWH).

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED SMALL AND MEDIUM POWER RATES
 PAGE 2

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
A-1		
Energy Charge	\$0.10956	\$0.09006
Customer Chg: Single Ph	\$5.00	\$5.00
Customer Chg: PolyPhase	\$6.25	\$6.25
A-6		
On-Peak Energy	\$0.26180	
Partial-Peak Energy	\$0.13089	\$0.06983
Off-Peak Energy	\$0.06807	\$0.05237
Customer Chg: Single Ph	\$5.00	\$5.00
Customer Chg: PolyPhase	\$6.25	\$6.25
Meter Charge	\$6.20	\$6.20
A-15		
Energy Charge	\$0.11457	\$0.10228
Customer Charge	\$5.00	\$5.00
Facility Charge	\$6.00	\$6.00
TC-1		
Energy Charge	\$0.09213	\$0.09213
Customer Charge	\$5.00	\$5.00
A-10		
Energy Charge	\$0.09132	\$0.07205
Demand Charge	\$3.03	\$3.03
Customer Charge	\$50.00	\$50.00
Transman Voltg Discount	\$2.24	\$2.24
Primry Voltage Discount	\$1.12	\$1.12
A-11		
On-Peak Energy	\$0.13351	
On-Peak Demand	\$8.95	
Partial-Peak Energy	\$0.10681	\$0.05427
Off-Peak Energy	\$0.05662	\$0.04178
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$50.00	\$50.00
Transman Voltg Discount	\$2.24	\$2.24
Primry Voltage Discount	\$1.12	\$1.12
Meter Charge	\$5.10	\$5.10

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED LARGE POWER RATES
 PAGE 3

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
A-RTP		
RTP Base Rate	\$0.00242	\$0.00242
On-Peak RTP Multiplier	3.0904	
Pct-Peak RTP Multiplier	1.8801	1.8801
Off-Peak RTP Multiplier	1.4632	1.4632
Full LMPS signal	\$0.53	\$0.53
75% LMPS signal	\$0.40	\$0.40
50% LMPS signal	\$0.27	\$0.27
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
S		
Standby Charge	\$3.03	\$3.03
(at Secondary Distribution Voltages)		
Transm. Voltg Discount	\$2.24	\$2.24
Primary Voltage Discount	\$1.12	\$1.12
E-20 Secondary-Distribution Firm		
On-Peak Energy	\$0.08436	
On-Peak Demand	\$8.95	
Partial-Peak Energy	\$0.08034	\$0.08212
Off-Peak Energy	\$0.04713	\$0.04263
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$100.00	\$100.00
Avg. Rate Limit	\$0.10083	
On-Peak Rate Limit	\$0.74006	
E-20 S Curtailable A ("Extended Non-Firm-Service-Agreement Rates")		
On-Peak Energy	\$0.08430	
On-Peak Demand	\$5.06	
Partial-Peak Energy	\$0.08028	\$0.08206
Off-Peak Energy	\$0.04712	\$0.04263
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$290.00	\$290.00
E-20 S Curt.B (Ext.)		
On-Peak Energy	\$0.08418	
On-Peak Demand	\$2.57	
Partial-Peak Energy	\$0.08017	\$0.08193
Off-Peak Energy	\$0.04709	\$0.04259
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$290.00	\$290.00
E-20 S Curt.C (Ext.)		
On-Peak Energy	\$0.07940	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.07561	\$0.07727
Off-Peak Energy	\$0.04591	\$0.04259
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$290.00	\$290.00
E-20 S Interruptible A (Ext.)		
On-Peak Energy	\$0.07291	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06944	\$0.07095
Off-Peak Energy	\$0.04591	\$0.04195
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$300.00	\$300.00

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED LARGE POWER RATES
 PAGE 4

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
E-20 S Int.B (Ext.)		
On-Peak Energy	\$0.06512	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.04202	\$0.06340
Off-Peak Energy	\$0.04464	\$0.04051
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$300.00	\$300.00
E-20 S Int.C (Ext.)		
On-Peak Energy	\$0.05496	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.05234	\$0.05348
Off-Peak Energy	\$0.04284	\$0.03875
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$300.00	\$300.00
E-20 S Curt.A ("Non-Firm-Service Rates" for New Contracts)		
On-Peak Energy	\$0.08434	
On-Peak Demand	\$5.89	
Partial-Peak Energy	\$0.08031	\$0.08209
Off-Peak Energy	\$0.04713	\$0.04263
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$290.00	\$290.00
E-20 S Curt.B (New)		
On-Peak Energy	\$0.03429	
On-Peak Demand	\$4.10	
Partial-Peak Energy	\$0.03026	\$0.08204
Off-Peak Energy	\$0.04713	\$0.04262
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$290.00	\$290.00
E-20 S Curt.C (New)		
On-Peak Energy	\$0.08354	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.07962	\$0.08133
Off-Peak Energy	\$0.04713	\$0.04262
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$290.00	\$290.00
E-20 S Int.A (New)		
On-Peak Energy	\$0.07795	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.07422	\$0.07585
Off-Peak Energy	\$0.04673	\$0.04227
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$300.00	\$300.00
E-20 S Int.B (New)		
On-Peak Energy	\$0.07291	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06944	\$0.07097
Off-Peak Energy	\$0.04603	\$0.04163
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$300.00	\$300.00

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED LARGE POWER RATES
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	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
E-20 S Int.C (New)		
On-Peak Energy	\$0.06637	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06319	\$0.06459
Off-Peak Energy	\$0.04550	\$0.04117
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$300.00	\$300.00
E-20 Primary-Distribution Firm		
On-Peak Energy	\$0.07678	
On-Peak Demand	\$8.26	
Partial-Peak Energy	\$0.07390	\$0.07401
Off-Peak Energy	\$0.04134	\$0.04006
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$100.00	\$100.00
Avg. Rate Limit	\$0.10083	
On-Peak Rate Limit	\$0.73572	
E-20 P Curt.A (Ext.)		
On-Peak Energy	\$0.07671	
On-Peak Demand	\$4.44	
Partial-Peak Energy	\$0.07385	\$0.07395
Off-Peak Energy	\$0.04133	\$0.04006
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
E-20 P Curt.B (Ext.)		
On-Peak Energy	\$0.07658	
On-Peak Demand	\$2.32	
Partial-Peak Energy	\$0.07371	\$0.07382
Off-Peak Energy	\$0.04029	\$0.04002
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
E-20 P Curt.C (Ext.)		
On-Peak Energy	\$0.07212	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06941	\$0.06950
Off-Peak Energy	\$0.04029	\$0.03927
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
E-20 P Int.A (Ext.)		
On-Peak Energy	\$0.06384	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06145	\$0.06088
Off-Peak Energy	\$0.03992	\$0.03868
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$300.00	\$300.00

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED LARGE POWER RATES
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	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
E-20 P Int.B (Ext.)		
On-Peak Energy	\$0.05545	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.05338	\$0.05345
Off-Peak Energy	\$0.03759	\$0.03643
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$300.00	\$300.00
E-20 P Int.C (Ext.)		
On-Peak Energy	\$0.04725	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.04548	\$0.04555
Off-Peak Energy	\$0.03668	\$0.03555
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$300.00	\$300.00
E-20 P Curt.A (New)		
On-Peak Energy	\$0.07675	
On-Peak Demand	\$4.87	
Partial-Peak Energy	\$0.07387	\$0.07397
Off-Peak Energy	\$0.04133	\$0.04006
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
E-20 P Curt.B (New)		
On-Peak Energy	\$0.07670	
On-Peak Demand	\$3.46	
Partial-Peak Energy	\$0.07382	\$0.07391
Off-Peak Energy	\$0.04132	\$0.04005
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
E-20 P Curt.C (New)		
On-Peak Energy	\$0.07547	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.07263	\$0.07274
Off-Peak Energy	\$0.04117	\$0.03990
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$290.00	\$290.00
E-20 P Int.A (New)		
On-Peak Energy	\$0.06978	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06716	\$0.06726
Off-Peak Energy	\$0.04069	\$0.03945
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$300.00	\$300.00
E-20 P Int.B (New)		
On-Peak Energy	\$0.06356	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06119	\$0.06127
Off-Peak Energy	\$0.03920	\$0.03800
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$300.00	\$300.00

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED LARGE POWER RATES
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	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
E-20 P Int.C (New)		
On-Peak Energy	\$0.05842	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.05624	\$0.05630
Off-Peak Energy	\$0.03920	\$0.03800
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$300.00	\$300.00
E-20 Transmission Firm		
On-Peak Energy	\$0.07152	
On-Peak Demand	\$6.89	
Partial-Peak Energy	\$0.06939	\$0.05164
Off-Peak Energy	\$0.03791	\$0.03957
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$100.00	\$100.00
On-Peak Rate Limit	\$0.56802	
E-20 T Curt.A (Ext.)		
On-Peak Energy	\$0.07130	
On-Peak Demand	\$3.58	
Partial-Peak Energy	\$0.06918	\$0.05150
Off-Peak Energy	\$0.03783	\$0.03952
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$290.00	\$290.00
E-20 T Curt.B (Ext.)		
On-Peak Energy	\$0.07126	
On-Peak Demand	\$1.66	
Partial-Peak Energy	\$0.06914	\$0.05147
Off-Peak Energy	\$0.03782	\$0.03951
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$290.00	\$290.00
E-20 T Curt.C (Ext.)		
On-Peak Energy	\$0.06657	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06459	\$0.04809
Off-Peak Energy	\$0.03659	\$0.03820
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$290.00	\$290.00
E-20 T Int.A (Ext.)		
On-Peak Energy	\$0.05918	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.05744	\$0.04275
Off-Peak Energy	\$0.03577	\$0.03736
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$300.00	\$300.00
E-20 T Int.B (Ext.)		
On-Peak Energy	\$0.05521	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.05315	\$0.04064
Off-Peak Energy	\$0.03577	\$0.03643
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$300.00	\$300.00

APPENDIX D
PACIFIC GAS AND ELECTRIC COMPANY
EFFECTIVE 01/01/89
ADOPTED LARGE POWER RATES
PAGE 8

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
E-20 T Int.C (Ext.)		
On-Peak Energy	\$0.04725	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.04548	\$0.03726
Off-Peak Energy	\$0.03491	\$0.03480
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$300.00	\$300.00
E-20 T Curt.A (New)		
On-Peak Energy	\$0.07149	
On-Peak Demand	\$4.35	
Partial-Peak Energy	\$0.06956	\$0.05163
Off-Peak Energy	\$0.03789	\$0.03957
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$290.00	\$290.00
E-20 T Curt.B (New)		
On-Peak Energy	\$0.07142	
On-Peak Demand	\$2.93	
Partial-Peak Energy	\$0.06950	\$0.05161
Off-Peak Energy	\$0.03788	\$0.03955
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$290.00	\$290.00
E-20 T Curt.C (New)		
On-Peak Energy	\$0.07131	
On-Peak Demand	\$0.05	
Partial-Peak Energy	\$0.06921	\$0.05157
Off-Peak Energy	\$0.03784	\$0.03953
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$290.00	\$290.00
E-20 T Int.A (New)		
On-Peak Energy	\$0.06629	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06431	\$0.04815
Off-Peak Energy	\$0.03699	\$0.03848
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$300.00	\$300.00
E-20 T Int.B (New)		
On-Peak Energy	\$0.06198	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.06015	\$0.04522
Off-Peak Energy	\$0.03623	\$0.03759
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$300.00	\$300.00
E-20 T Int.C (New)		
On-Peak Energy	\$0.05525	
On-Peak Demand	\$0.00	
Partial-Peak Energy	\$0.05362	\$0.04111
Off-Peak Energy	\$0.03580	\$0.03638
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$300.00	\$300.00

APPENDIX D
 PACIFIC GAS AND ELECTRIC COMPANY
 EFFECTIVE 01/01/89
 ADOPTED LARGE POWER RATES
 PAGE 9

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
E-24 S		
On-Peak Energy	\$0.08704	
On-Peak Demand	\$8.95	
Partial-Peak Energy	\$0.08034	\$0.08212
Off-Peak Energy	\$0.04713	\$0.04263
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$100.00	\$100.00
Avg. Rate Limit	\$0.10083	
On-Peak Rate Limit	\$0.74006	
E-24 P		
On-Peak Energy	\$0.07870	
On-Peak Demand	\$8.26	
Partial-Peak Energy	\$0.07390	\$0.07401
Off-Peak Energy	\$0.04134	\$0.04006
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$100.00	\$100.00
Avg. Rate Limit	\$0.10083	
On-Peak Rate Limit	\$0.73572	
E-24 T		
On-Peak Energy	\$0.07294	
On-Peak Demand	\$6.89	
Partial-Peak Energy	\$0.06939	\$0.05164
Off-Peak Energy	\$0.03791	\$0.03957
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$100.00	\$100.00
On-Peak Rate Limit	\$0.56802	
E-25 S		
On-Peak Energy	\$0.08637	
On-Peak Demand	\$8.95	
Partial-Peak Energy	\$0.08034	\$0.08212
Off-Peak Energy	\$0.04713	\$0.04263
Maximum Demand	\$3.03	\$3.03
Customer Charge	\$100.00	\$100.00
Avg. Rate Limit	\$0.10083	
On-Peak Rate Limit	\$0.74006	
E-25 P		
On-Peak Energy	\$0.07822	
On-Peak Demand	\$8.26	
Partial-Peak Energy	\$0.07390	\$0.07401
Off-Peak Energy	\$0.04134	\$0.04006
Maximum Demand	\$1.92	\$1.92
Customer Charge	\$100.00	\$100.00
Avg. Rate Limit	\$0.10083	
On-Peak Rate Limit	\$0.73572	
E-25 T		
On-Peak Energy	\$0.07259	
On-Peak Demand	\$6.89	
Partial-Peak Energy	\$0.06939	\$0.05164
Off-Peak Energy	\$0.03791	\$0.03957
Maximum Demand	\$0.80	\$0.80
Customer Charge	\$100.00	\$100.00
On-Peak Rate Limit	\$0.56802	

APPENDIX D
PACIFIC GAS AND ELECTRIC COMPANY
EFFECTIVE 01/01/89
ADOPTED AGRICULTURAL RATES 2/
PAGE 10

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
AG-1-A		
Energy Charge	\$0.11079	\$0.11079
Demand Charge	\$1.50	\$1.50
Customer Charge	\$7.50	\$7.50
AG-1-B		
Energy Charge	\$0.09497	\$0.09497
Demand Charge	\$1.85	\$1.25
Customer Charge	\$7.50	\$7.50
AG-R-A		
On-Peak Energy	\$0.24526	
Partial-Peak Energy		\$0.06268
Off-Peak Energy	\$0.06086	\$0.05538
Demand Charge	\$1.50	\$1.50
Customer Charge	\$7.50	\$7.50
Meter Charge	\$6.20	\$6.20
AG-R-B		
On-Peak Energy	\$0.25665	
On-Peak Demand	\$1.70	
Partial-Peak Energy		\$0.06594
Off-Peak Energy	\$0.06402	\$0.05826
Maximum Demand	\$1.85	\$1.25
Customer Charge	\$7.50	\$7.50
Meter Charge	\$5.10	\$5.10
AG-V-A		
On-Peak Energy	\$0.23559	
Partial-Peak Energy		\$0.06021
Off-Peak Energy	\$0.05846	\$0.05320
Demand Charge	\$1.50	\$1.50
Customer Charge	\$7.50	\$7.50
Meter Charge	\$6.20	\$6.20
AG-V-B		
On-Peak Energy	\$0.24093	
On-Peak Demand	\$1.70	
Partial-Peak Energy		\$0.06186
Off-Peak Energy	\$0.06006	\$0.05466
Maximum Demand	\$1.85	\$1.25
Customer Charge	\$7.50	\$7.50
Meter Charge	\$5.10	\$5.10

2/ The rate limiter applicable to the "AG" series will be \$.82200/kwh.
The minimum bill will be \$150 per kW per year for Schedules AG-5A and AG-6A,
and \$122 for Schedules AG-5B, AG-5C, and AG-6A.

APPENDIX D
PACIFIC GAS AND ELECTRIC COMPANY
EFFECTIVE 01/01/89
ADOPTED AGRICULTURAL RATES
PAGE 11

	SUMMER	WINTER
(Rates are in \$/KWH, \$/KW and \$/Customer month).		
AG-4-A		
On-Peak Energy	\$0.22114	
Partial-Peak Energy		\$0.05652
Off-Peak Energy	\$0.05488	\$0.04994
Demand Charge	\$1.50	\$1.50
Customer Charge	\$7.50	\$7.50
Meter Charge	\$6.20	\$6.20
AG-4-B		
On-Peak Energy	\$0.20407	
On-Peak Demand	\$1.70	
Partial-Peak Energy		\$0.05237
Off-Peak Energy	\$0.05084	\$0.04627
Maximum Demand	\$1.85	\$1.25
Customer Charge	\$7.50	\$7.50
Meter Charge	\$5.10	\$5.10
AG-4-C		
On-Peak Energy	\$0.20407	
On-Peak Demand	\$1.70	
Partial-Peak Energy	\$0.07052	\$0.05237
Off-Peak Energy	\$0.04447	\$0.04627
Maximum Demand	\$1.85	\$1.25
Customer Charge	\$7.50	\$7.50
Meter Charge	\$5.10	\$5.10
AG-5-A		
On-Peak Energy	\$0.12746	
Partial-Peak Energy		\$0.05250
Off-Peak Energy	\$0.05098	\$0.04029
Demand Charge	\$3.95	\$3.95
Customer Charge	\$7.50	\$7.50
Meter Charge	\$6.20	\$6.20
AG-5-B		
On-Peak Energy	\$0.04777	
On-Peak Demand	\$2.55	
Partial-Peak Energy		\$0.03914
Off-Peak Energy	\$0.03799	\$0.03457
Maximum Demand	\$5.50	\$3.70
Customer Charge	\$7.50	\$7.50
Meter Charge	\$5.10	\$5.10
AG-5-C		
On-Peak Energy	\$0.04777	
On-Peak Demand	\$2.55	
Partial-Peak Energy	\$0.04685	\$0.03914
Off-Peak Energy	\$0.03515	\$0.03457
Maximum Demand	\$5.50	\$3.70
Customer Charge	\$7.50	\$7.50
Meter Charge	\$5.10	\$5.10
AG-6-A		
Energy Charge	\$0.06611	\$0.04518
Demand Charge	\$3.95	\$3.95
Customer Charge	\$7.50	\$7.50
AG-6-B		
Energy Charge	\$0.04599	\$0.03761
Demand Charge	\$5.50	\$3.70
Customer Charge	\$7.50	\$7.50
PA-1		
Energy Charge	\$0.09308	\$0.09508
Demand Charge	\$0.73	\$0.73

(END-APPENDIX D)

Decision 88 12 100 DEC 19 1988

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of PACIFIC GAS AND ELECTRIC COMPANY for Commission order finding that PG&E's gas and electric operations during the reasonableness review period from February 1, 1987 to January 31, 1988, were prudent.

ORIGINAL

Application 88-04-020
(Filed April 7, 1988)

Application of PACIFIC GAS AND ELECTRIC COMPANY for authority to adjust its electric rates effective August 1, 1988.

Application 88-04-057
(Filed April 21, 1988)

O P I N I O N

In Decision (D.) 88-12-040, we authorized Pacific Gas and Electric Company (PG&E) to increase its rates by \$78,922,000 to reflect increased costs associated with its Energy Cost Adjustment Clause (ECAC) proceeding. In D.88-12-____, D.88-12-____, and Resolution (Res.) E-3116, decided today, we also authorize increases in PG&E's revenue requirement connected with the Diablo Canyon nuclear power plant settlement (Application (A.) 84-06-014 and A.85-08-025) and PG&E's attrition rate adjustment (A.88-07-037 and Advice Letter No. 1226-E).

In D.88-12-031, we adopted principles to apply to the revenue allocation and rate design resulting from the rate changes in these three cases. Since we intend that the resulting rate changes would all take effect on January 1, 1989, we have consolidated the changes in revenue requirement into one rate change, following the principles of D.88-12-031.

The overall changes from these cases result in an increase of \$480.0 million, or 9.03%. When the principles of D.88-12-031 are applied to this increase, the rates shown in Appendix D result.

In this decision we merely authorize PG&E to collect the rates that result from our other decisions.

Findings of Fact

1. In D.88-12-040 in this proceeding, we authorized PG&E to increase its revenues by \$78,992,000.
2. In D.88-12-___ in A.84-06-014 and A.85-08-025, we authorized PG&E to increase its revenues by \$284,212,000.
3. In D.88-12-___ in A.88-07-037 and Res. E-3116, we authorized PG&E to increase its revenues by \$116,806,000.
4. In D.88-12-031, we adopted principles of revenue allocation and rate design to apply to PG&E's rate changes taking effect on January 1, 1989.
5. Appendices A, B, C, and D reflect the application of the principles of D.88-12-031 to the revenue requirement increases we have authorized for PG&E.

Conclusion of Law

PG&E should be authorized to collect the rates shown in Appendix D.

ORDER

IT IS ORDERED that:

1. Pacific Gas and Electric Company (PG&E) is authorized to collect the rates shown in Appendix D.