

Decision No. 7823

ORIGINAL

BEFORE THE RAILROAD COMMISSION
OF THE STATE OF CALIFORNIA

In the Matter of the Application)
of PACIFIC GAS AND ELECTRIC COM-)
PANY, a corporation, for an order)
of the Railroad Commission of the) Application No. 5567
State of California authorizing)
applicant to increase its rates)
and charges for electric energy.)

C. P. Cutten for Applicant
George Lull and John J. Dailey for City
and County of San Francisco.
Leon Gray for the City of Oakland.
Frank V. Cornish for the City of Berkeley.
Archer Bowden for the City of San Jose.
D. T. Jenkins for the City of Los Gatos.
E. H. Armstrong for the City of Grass Valley.
F. W. Nilon for the City of Nevada City.
Archibald Yell for the city of Sacramento.
L. B. Leavitt, C.C. Isaacson and Mr. Wilson,
for the City of Vallejo.
E. P. Hatfield, Secretary of the Chamber of
Commerce of Vallejo.
J. Oscar Goldstein for the City of Chico.
E. C. Judkins for the Town of Emeryville.
A. M. Bray for the City of Martinez.
A. J. Carlson for the City of Modesto.
William N. Graybeil for the City of Turlock.
C. E. Frey for California Metal & Mineral
Producers' Association.
John T. York for City of Napa.
Mrs. Lydia Wolf for the California Federation
of Housewives' Leagues, Oakland.
Hector A. Dunn for the California Federation
of Housewives' Leagues, Oakland.
Messrs. Heller, Powers & Ehrman, by Mr. Ehrman,
and C. J. Carlson, for Patterson Water Company.
Raymond A. Leonard for City of Oroville.
J. F. Pollard for Coast Valleys Gas and Elec-
tric Company.
L. P. Leurey, for the Sperry Flour Company.
Robinson & Price for the California Manufacturers'
Association, Alameda Sugar Company, et al.

Chickering & Gregory for the Western States
Gas and Electric Company.
B. S. Crittenden for the City of Tracy,
West Side Irrigation District, Naglee-
Burke Irrigation Company and the Riverview
Land & Water Company.
William M. Abbott for the United Railroads of
San Francisco.
A. A. De Ligne, for F. H. Harvey of Galt.

DEVLIN, Commissioner:

O P I N I O N

Pacific Gas and Electric Company, herein referred to as applicant, requests that the Railroad Commission authorize it to make such increases in its electric rates and surcharges as may be just and reasonable, in the form of an immediate surcharge, and that thereafter this proceeding be continued for the determination of permanent rates and charges. It urges that it is of paramount importance that its income be maintained to make possible the continuance of its power development program, and asks therefore for immediate relief.

The extent of the business of Pacific Gas and Electric Company has been increased during the past year by the purchase of the properties of the Northern California Power Company, Consolidated, and the lease of the properties of the Sierra and San Francisco Power Company. The purchase of the former properties was effective October 1st, 1919, and the lease of the latter properties was effective January 1st, 1920.

The rates of these separate utilities were last passed upon prior to their acquisition by applicant. This Commission, in its Decision No. 5519, Application No. 3459, (Opinions and Orders of the Railroad Commission of the State of California, Vol. 15, Page 886), increased the existing rates and charges on the then existing Pacific Gas and Electric Company system by certain surcharges, such increase effective as of July 10th, 1918. The rates in effect on the Sierra and San Francisco Power Company's system were increased by this Commission by its Decision No. 5867, dated October 28th, 1918, (Opinions and Orders of the Railroad Commission of the State of California, Vol. 16, Page 160), by certain surcharges which were effective for all meter readings taken on and after October 25th, 1918. The electric rates on the Northern California Power Company's system were increased by a 10 percent surcharge, as set forth in this Commission's Decision No. 6285, dated April 24th, 1919, (Opinions and Orders of the Railroad Commission of the State of California, Vol. 16, Page 684), and effective for all meter readings taken on and after the first day of May, 1919.

The rates heretofore in effect on these three separate systems are, in general, different, and the surcharges heretofore fixed have been of different amounts on each of the companies' systems. The Commission is now requested, due to certain increases in costs of operation, to grant an emergency increase of the rates on the combined properties in such manner as it deems proper.

Applicant alleges in its petition and sets forth in its presentation that an increase in its rates should be granted owing to the fact that the present rates and sur-

charges, due to certain causes which are listed below, do not net applicant the return found to be just and reasonable in the decisions heretofore referred to.

- (1) There has been invested, since the decisions, in new capital, a sum in excess of \$5,000,000, which will increase the fixed charges at least \$500,000 per annum.
- (2) Cost of oil used in the production of electric energy by applicant was increased on March 17th, 1920 by the amount of 25 cents per barrel.
- (3) Applicant's operating expenses will be materially increased in 1920 over 1919 conditions as a result of the more severe period of low precipitation existing, with the accompanying reduction of hydro-electric output and increased use of oil.
- (4) Applicant has been required to increase the salaries and wages paid its employees, not only as would normally be increased but by additional increase equivalent to \$373,198.92 per annum, effective April 1st, 1920.
- (5) A steady increase in the cost of material and supplies has continued during the present year.

Hearings in this application were held in San Francisco on May 6th, 7th, 25th, 26th and 27th, 1920, at which time evidence was introduced by applicant and by protestants relative to the application insofar as it refers to the emergency nature of the proceeding. The evidence presented by applicant in support of its request was directed primarily to the following subjects:

- (1) Reduced output of hydro-electric plants caused by year of low precipitation.
- (2) Increased price of oil effective March 17, 1920.
- (3) Increased cost of labor and supplies.
- (4) Past developments of applicant and need for extensive financing to meet growth of demand.
- (5) Increased cost of money.

The nature of the proceedings upon which the present order is based is such that the detailed analysis given to capital investment, operating expenses and other similar considerations such as would be made in the establishing of a rate base and permanent rate cannot, by reason of the emergency character of this part of the proceeding, be made and given; such study and analysis will of necessity be postponed for the further hearing of this application and the order herein made will be based on what are the obvious and immediate necessities of the situation appearing from the evidence introduced.

In order to facilitate matters it was stipulated at the hearing that all records of the Commission insofar as relevant might be considered as evidence by the Commission in connection with this proceeding.

The following table sets forth the consolidated operating revenue and expense statement of Pacific Gas and Electric Company, Northern California Power Company, Consolidated, and Sierra and San Francisco Power Company for the year 1919, together with applicant's estimate of revenue and expense for the year 1920, as set forth in its Exhibit No. 1, page 1:

PACIFIC GAS & ELECTRIC COMPANY
CONSOLIDATED INCOME STATEMENT - ELECTRIC DEPT.
YEAR 1919 AND YEAR 1920 (ESTIMATED)

	<u>Consolidated Statement 1 9 1 9</u>	<u>Estimated 1920 Based upon Existing Rates</u>
Gross Revenue	\$17,761,424 (a)	\$19,133,325
Inter-Department Revenue	304,699	322,203
TOTAL REVENUE	\$18,066,123	\$19,455,528
<u>EXPENSES</u>		
<u>MAINTENANCE & OPERATING EXP.</u>		
Maintenance	1,360,807	1,955,089
Operating (Excl. of Fuel Oil and Purchased Power)	2,445,669	2,968,093
Salary & Wage Increase of April 1st, 1920		279,899
Operating-Fuel Oil	3,416,609	5,127,050
Operating-Purchased Power	950,770	511,393
Total Maintenance & Operating ---	\$8,173,855	\$10,841,524

	Consolidated Statement 1 9 1 9	Estimated 1920 Based upon Existing Rates
Total Maintenance & Operating	\$8,173,855	\$10,841,524
<u>OTHER EXPENSES</u>		
General & Administrative	576,947	575,000
Salary & Wage Increase of April 1st, 1920		16,907
Insurance Reserves	78,468	80,000
Uncollectible Accounts	53,268	55,000
Taxes	<u>1,282,697</u>	<u>1,240,000</u>
Total Other Expenses	\$ 1,991,380	\$ 1,966,907
TOTAL EXPENSES	10,165,235	12,808,431
Net Available for Depreciation and Return	7,900,888	6,647,097

(a) Includes \$242,051 Inter-Company Revenue for Energy Sold Between Companies.

The consumers of the Pacific Gas and Electric Company served from its original system request that the properties should be considered separately and that they should not be burdened with an increase to offset the greater deficit which they contend exists on the system of Sierra and San Francisco Power Company. **No prejudice** will be suffered, however, by the consumers of either the former Northern California Power Company's system or former Pacific Gas and Electric Company's system if increases on these systems do not result in an unreasonable return considering the systems separate. Analysis has been made of sufficient extent to determine that no injustice is done the consumers of the separate systems as a result of the surcharge granted.

Applicant's estimates have been based upon the operations for the year 1920, practically one-half of which will have passed before any modification of the rates of the company can be made effective. Although the company should have its rates fixed so as to net it a reasonable return, it

does not appear feasible to now increase the rates over a six months' period to take care of a full year's increased costs. In general, the conditions affecting the hydro-electric output of the company can be fairly well determined on about April 1st of each year; the marked increases in operating costs for this year became effective on approximately that date, and the application herein was not filed until the 13th day of April. It is, therefore, my conclusion that in this proceeding it will be logical to consider a 12 months' period commencing April 1st, 1920 as a period for the determination of rates.

Applicant's estimate of revenue has been based upon the existing rates and surcharges applied to the total power which applicant estimates it will be able to produce and deliver. Estimates of applicant, together with records of the Power Administrator of the Commission, which are considered in evidence, show that applicant will in all probability not be able to supply the total demands for service on its system by approximated 7-1/2 per cent during the last six months of the year 1920. The actual output of the combined systems, together with applicant's estimate for 1920, is as follows:

1918	1,242,396,366 k.w.h.
1919	1,320,790,904 "
1920 (estimate)	1,411,514,990 "

Applicant's estimate for 1920 was based upon four months' actual operating conditions and estimated for the remaining eight. Since the estimate was presented the records for the month of May have been received, from which

it appears that applicant's estimate of hydro-electric output for May is approximately 27,000,000 k.w.h. below the actual, while the total output was approximately 7,000,000 k.w.h. below the estimate. The output of applicant's hydro-electric plants is as follows:

1918 hydro-electric output	.....854,608,678 k.w.h.
1919 " " "	.....801,227,387 "
1920 (Company's Estimate)	.....695,911,664 "
Normal year of rainfall (Estimate)	939,000,000 "

The precipitation for the year 1920 has been considerably less than for the year 1919 and indications are that the output for this year will be considerably less than the former year. Applicant has, however, according to the records of the Commission, increased its storage capacity at Lake Spaulding Reservoir by 10,000 acre feet, which it estimates will increase its output from stored water by 15,000,000 k.w.h. per annum. It has also installed a settling basin on its Bear River Canal, which the company estimates will increase the output by approximately 10,000,000 k.w.h. per annum. If these two amounts are deducted from the company's estimate, it appears that applicant's output has been estimated, without these improvements, at 130,000,000 k.w.h. less than the actual in 1919.

A careful analysis of the evidence has been made by the Commission's engineering department considering the actual results for the month of May and the available records, which leads to the conclusion that the hydro-electric output for 1920 will be 750,000,000 k.w.h.

It was the opinion of applicant's engineers that if more kilowatt hours were produced from hydro-electric plants than estimated, the company would be able to dispose of additional energy and the steam plants would still be operated at full capacity. Weather conditions have not, however, been such as anticipated and during the month of May there was an actual reduction in steam output of approximately 34,000,000 k.w.h. below the estimated. The total production from steam by applicant for the year will, according to the evidence, be approximately 570,000,000 as against applicant's estimate of 610,900,000 k.w.h.

Applicant estimates that it will purchase power in the total of 104,700,000 k.w.h. A study of the estimates of applicant indicate that it apparently does not contemplate the operation of certain smaller steam plants of utilities it serves which will be necessary in order to aid in the reduction of the existing power shortage. The evidence introduced in Application No. 5585, which, in accordance with the stipulation, may be considered in evidence in this proceeding, is to the effect that the Great Western Power Company will not be required to operate the Yerba Buena steam plant for its own needs, and the output of this plant should be available to Pacific Gas and Electric Company.

The Commission is of the opinion that Pacific Gas and Electric Company should operate all available plants in order that it will not be necessary to discontinue the service of its consumers, although the cost of operating these plants may exceed the revenue which will be obtained from

certain classes of service. In view of this fact and from further consideration of the evidence it would appear reasonable to estimate a total purchase of 110,000,000 k.w.h. for the year.

The total output of applicant's system for the year 1920 may, therefore, be reasonably estimated to be:

Hydro-electric	750,000,000 k.w.h.
Steam "	578,000,000 "
Purchased Power	<u>110,000,000</u> "
Total	1,430,000,000 k.w.h.

or a total increase of approximately 19,000,000 k.w.h. in excess of applicant's estimate. Even with this additional increase in kilowatt hours it is not contemplated that applicant will be able to supply all of its consumers without a certain amount of curtailment of use.

The revenue of Pacific Gas and Electric Company's consolidated system for the year 1920 under existing rates should be increased to the following:

Gross Revenue	\$19,320,300
Inter-Department Sales	<u>322,200</u>
Total	\$19,642,500

Considerable question was raised regarding applicant's estimate of maintenance expenses for the year 1920. The actual for 1919 was \$1,360,807. The company's estimate, without special increase in wages which occurred on April 1st, is \$1,955,089, which, if increased by the advance in salaries and wages effective April 1st, amounting to \$97,819 per year, would be \$2,052,908, or an increase of 50 percent. This increase appears to be in excess of what would normally

be expected. A considerable portion of the increase is effective on the Sierra and San Francisco Power Company's and Northern California Power Company's systems, due largely to the fact that these systems were not maintained to the extent that they should have been during the years 1918 and 1919. Maintenance on Pacific Gas and Electric Company's system to a less extent represents deferred maintenance, which the company alleges it could not complete during the year 1919.

Applicant's property should be maintained in first-class condition. It would be false economy to reduce maintenance at this time, which would result only in decreasing the quality of service in the future. Applicant's consumers should readily pay for an adequate maintenance allowance for the system even though a part represents deferred maintenance, as it does not appear that applicant's earnings have been unreasonably high during the last two or three years, and some of the deferred maintenance was due to war conditions and effects.

I recommend that a full allowance for maintenance be made but I believe it only fair that if the company, for various reasons, does not carry out the maintenance which it contemplates, that the amount which it does not expend should be set aside to cover maintenance in the future. If, for any reason, part of the maintenance herein mentioned is deferred until the next year, it should not again be set forth as a reason for further increase in rates. I recommend, therefore, that the allowance of \$2,040,000 be made for maintenance and that the company be required, commencing July 1st, 1920, to set aside each month the sum of \$170,000 to cover this item, any amount in excess of actual expenditures for maintenance to be kept in reserve to cover future maintenance.

Question was also raised regarding applicant's estimate of operating expenses, as, in this instance, also, a material increase in cost was estimated. The actual expense, exclusive of general expense for the year 1919, was \$2,445,669.

The company's estimate for 1920, exclusive of special labor increase effective April 1st, 1920, was\$2,968,093

Special labor increase effective April 1st, 1920, nine months' period 206,534

Total\$3,174,627

Percentage Increase29%

Applicant's business is estimated to increase only 7½ percent and the number of employees or payroll does not generally increase in proportion to the business. There has been a general tendency to increase salaries and wages, and, in the one specific instance, the company increased its payroll as above noted, which, on an annual basis, represents a total of \$275,000. per annum, or about 12 percent increase. I will allow for the 12 months' period the sum of \$3,150,000 for operating expenses, which includes the above increase of \$275,000 for salaries and wages, effective April 1st.

Some modification should be made in applicant's estimate of fuel oil due to the fact that applicant will not produce as much power by steam as heretofore estimated. Based upon the estimate heretofore set forth, of 570,000,000 k.w.h., and applying the increased price of oil effective at the present time for the entire 12 months period, applicant's estimate should be reduced from \$5,127,050 to \$4,866,000.

Applicant's estimate of cost of purchased power is low as it apparently does not contemplate the cost of opera-

tion of all steam plants which will be operated on account of the power shortage and which will result in a higher cost per kilowatt hour than estimated by applicant. It is not contemplated applicant will make any profit on the power it produces in these plants but its obligation to serve requires that they be operated. Based upon the purchase of 110,000,000 k.w.h. for the year, the allowance for purchased power should be \$580,000.

Applicant's estimate of general expense, uncollectible bills and insurance reserve, appear reasonable and will be allowed.

Under the heading of taxes there will be allowed the sum of \$1,200,000.

The total allowance for depreciation as set forth in the decisions in which the surcharges now in effect were authorized was the sum of \$1,245,934. Applicant has set aside an amount in excess of this during the past year. The amounts set forth in the former decisions represent the annuities to be set aside and do not cover interest upon the accrued depreciation. The interest accruals to the reserve should be set aside out of income, but for rate purposes the annuity is all that is normally to be considered as operating expenses.

There has been invested on the consolidated properties in additions and betterments since the previous surcharges were fixed and up to the present time, the sum of at least \$5,000,000. Applicant is at this time installing a steam unit in the Oakland plant which will cost approximately \$1,000,000 and which should be in operation by the first of November, 1920. It also reports that it is making increases to its transmission capacity and is making additions to distribution capital. In view of these facts, the sum reported up to the present time by Pacific Gas and Electric Company should be increased to \$6,500,000. Depreciation on this amount, added to the former allowance for depreciation, will increase the annuity to \$1,450,000.

Following is a summary of the revised estimate of revenue and expense of Pacific Gas and Electric Company for the period in question, being the 12 months commencing April 1st, 1920:

PACIFIC GAS AND ELECTRIC COMPANY
REVISED ESTIMATE OF REVENUE AND EXPENSE
ELECTRIC DEPARTMENT
YEAR ENDING APRIL 1st, 1921

Gross Revenue	\$19,320,300
Inter-Department Revenue	<u>322,200</u>
Total Revenue	\$19,642,500
Maintenance and Expenses	2,040,000
Operating Expense	3,150,000
Fuel Oil	4,866,000
Purchased Power	580,000
General Expense	598,000
Uncollectible Bills	55,000
Insurance Reserve	80,000
Taxes	1,200,000
Depreciation	<u>1,450,000</u>
Total Expense	\$14,019,000
Net for Return.....	5,623,500

In the Commission's previous decisions heretofore referred to the Commission found that under the circumstances the various utilities were entitled to certain net return after deducting depreciation, which may be listed as follows:

Pacific Gas and Electric Company's system	\$5,403,960.
Northern California Power Company, Cons.	537,947.
Sierra and San Francisco Power Company	<u>941,553</u>
	\$6,883,460

As noted above, the investment will have increased by approximately \$6,500,000. Money invested during the last two years has cost considerably more than previously. The evidence introduced showing the trend of increased cost of

money shows that while certain securities cost approximately 6 to 6½ percent prior to the war, the financing during the past year and one-half has been at a rate of between 7 and 9 percent, and the money which has been borrowed by Pacific Gas and Electric Company to carry on the developments it is now commencing, according to the evidence, is costing it at the rate of 8.88 percent. It is apparent that the former rate of return cannot apply to additions and betterments of applicant when the present money is costing it from 1 to 2 percent in excess of the moneys previously obtained. Without finally deciding the basis for determining the rate of return on new capital, it appears to me logical to allow on the additional capital herein referred to, a rate of return of 9 percent, or a total sum of \$585,000. On the above basis the net return to be allowed Pacific Gas and Electric Company to maintain the return formerly found reasonable for 12 months' period would be the total sum of\$7,468,460

Estimated return as above..... 5,623,500

Deficit \$1,844,960

If the above deficit in net return to applicant is to be made up it will be necessary that this amount be increased for state, county and normal Federal income tax, which will require a total increase in the revenue of \$2,180,000. To obtain this increase from the revenue of the company, if applied on a basis of percentage of bills to be applicable for the remainder of the 12 months' period, will require an increase of approximately 15 percent.

The rates of Pacific Gas and Electric Company's former system are an outgrowth of rates in effect on different systems which have been consolidated from time to time and many and numerous inconsistencies result, which it is the re-

commendation of the Commission's Engineering Department should be in a general way ironed out, duplications removed and a more logical set of schedules put in effect. The changes which will be made will not contemplate any very marked modifications of charges. The schedules fixed are not considered as the final schedules which will be made after more exhaustive study, but are revised with a view to removing existing inconsistencies. The rates are also modified to include the existing surcharges, with slight modifications. The rates on the former Northern California Power Company's system are only slightly modified at this time, and Sierra and San Francisco Power Company's schedules have been revised in somewhat the same way as those of Pacific Gas and Electric Company. To the schedules as revised, which schedules are set forth hereafter, an authorized surcharge of 15 percent will be allowed. The result of the increase herewith granted will be an increase in gross revenue of approximately \$2,200,000 for the 12 months ending April 1st, 1921.

I recommend the following form of Order:

O R D E R

Pacific Gas and Electric Company having applied to this Commission for a temporary increase in its rates for electric service, public -/hearings having been held, and the matter, insofar as it refers to emergency condition, having been submitted and now ready for decision,

The Railroad Commission hereby finds as a fact that the rates and surcharges now in effect are unjust and unreasonable insofar as they differ from the rates and surcharges herein set forth, which are hereby found to be just and reasonable charges for electric service supplied by Pacific Gas and Electric Company.

Basing its order on the foregoing findings of fact and on the other findings of fact contained in the opinion which precedes this order,

IT IS HEREBY ORDERED that Pacific Gas and Electric Company be, and it is hereby, authorized to charge and collect for electric service rendered in the territory served by its system as existing on September 1st, 1919, based upon regular meter readings taken on and after the 10th day of July 1920 for metered service, and for flat rate service based upon all service rendered on and after July 1st, 1920, the following schedules of rates, to-wit:-

SCHEDULE L-1

(Cancels and Supersedes P.G. & E.Co. General Schedules Nos. 100, 101, 104, 105, 106, 107, 127, 132, 139, 146, 148, 153, 159, 173, 174, 202, 205 and 206 within incorporated territory as set forth below).

GENERAL LIGHTING SERVICE

Applicable to general residence and commercial lighting service.

TERRITORY:

Applicable to service within incorporated municipalities served by former Pacific Gas and Electric Company's system

Excepting

City of San Francisco
City of Oakland
City of Berkeley
City of Piedmont
City of Emeryville

RATE:

First	30	k.w.h.	per	meter	per	month	....	8¢	per	k.w.h.
Next	270	"	"	"	"	"	....	6¢	"	"
All over	300	"	"	"	"	"	....	4¢	"	"

MINIMUM CHARGE:

\$1.00 per Meter per Month.

SCHEDULE L-2

(Cancels and Supersedes Schedules Nos. 100, 101, 104, 105, 106, 107, 127, 148, 153, 159, 173, 174, 202, 205, 206 outside of incorporated territory).

GENERAL LIGHTING SERVICE

Applicable to general residence and commercial lighting service.

TERRITORY:

Applicable to all territory without incorporated municipalities served by Pacific Gas and Electric Company's system as it existed on September 1st, 1919.

RATE:

First	30	k.w.h.	per	meter	per	month	...	9¢	per	k.w.h.
Next	270	"	"	"	"	"	...	7¢	"	"
All over	300	"	"	"	"	"	...	5¢	"	"

MINIMUM CHARGE:

\$1.20 per Meter per Month.

SCHEDULE L-3

(Cancels and Supersedes Schedules Nos. 101, 106, 137)

GENERAL LIGHTING SERVICE

Applicable to general residence and commercial lighting service.

TERRITORY:

Applicable to service within the incorporated limits of

City of Oakland
City of Berkeley
City of Piedmont
City of Emeryville

RATE:

First	30	k.w.h. per meter per month	..	8¢	per k.w.h.
Next	70	" " " " " "	..	6¢	" "
"	400	" " " " " "	..	5¢	" "
"	1,500	" " " " " "	..	4¢	" "
All over	2,000	" " " " " "	..	3¢	" "

MINIMUM CHARGE:

\$1.00 per Meter per Month.

SCHEDULE I-4

(Cancels and Supersedes Schedule No. 141)

GENERAL LIGHTING SERVICE

Applicable to general residence and commercial lighting service and combination lighting and small power service.

TERRITORY:

City and County of San Francisco.

RATE:

First	50	k.w.h.	per	meter	per	month	..	8¢	per	k.w.h.
Next	250	"	"	"	"	"	..	6¢	"	"
"	300	"	"	"	"	"	..	5¢	"	"
"	1,400	"	"	"	"	"	..	4.5¢	"	"
All over	2,000	"	"	"	"	"	..	4.0¢	"	"

MINIMUM CHARGE:

(1) Lighting Service:

85¢ per Meter per Month.

(2) Combination Lighting and Power Service:

85¢ per Month per Horsepower of Active Power Load but not less than 85¢ per Meter per Month.

SCHEDULE I-5

Optional Lighting Schedule

(Cancels and Supersedes Schedules Nos. 185 and 186)

COMMERCIAL LIGHTING SERVICE OR COMBINED
LIGHTING AND POWER SERVICE

Applicable to lighting service with incidental power service only.

TERRITORY:

District "A", San Francisco, as set forth in present Schedule No. 185.

RATE:

First	150	k.w.h.	per	meter	per	month	..	5.00¢	per	k.w.h.
Next	350	"	"	"	"	"	..	4.00¢	"	"
"	500	"	"	"	"	"	..	3.50¢	"	"
"	2,000	"	"	"	"	"	..	3.25¢	"	"
All over	3,000	"	"	"	"	"	..	3.00¢	"	"

MINIMUM CHARGE:

(1) Lighting Service:

\$3.00 per Meter per Month.

(2) Combination Lighting and Power Service:

\$.85 per Month per Horsepower of Active Power Load but not less than \$3.00 per month.

Present Schedules Nos. 149, 161, 180, 181, 187 and 208 as at present filed are to be refiled as Schedules L-6 to L-11 inclusive, the rates to be increased by 10 percent to include the surcharge heretofore in effect.

Schedules Nos. 147 and 158 to be refiled with energy rate increased to 3-1/2 cents per k.w.h. in Schedule No. 147 and 4 cents per k.w.h. in Schedule No. 158 and designated as Schedules L-12 and L-13.

SCHEDULE C-1

(Cancels former P.G. & E. Co. Schedules Nos. 146, 152, 160, 191, insofar as they apply to this class of service).

COMBINATION DOMESTIC LIGHTING, COOKING
AND HEATING SERVICE

TERRITORY:

Applicable to entire former Pacific Gas and Electric Company's system.

RATE:

First	30	k.w.h.	per	month	per	meter	..	(X)	per	k.w.h.
Next	150	"	"	"	"	"	..	4 th	"	"
All over	180	"	"	"	"	"	..	2 ^d	"	"

(X) Top block of lighting rate applicable.

MINIMUM CHARGE:

75¢ per month per kilowatt of active connected load but not less than \$3.00 per month.

SCHEDULE C-1 (Cont'd)

SPECIAL CONDITIONS:

(1) Where Lighting service is not supplied the first block of 30 k.w.h. will be charged at ~~4~~ per k.w.h.

(2) This schedule applies only where consumers have installed cooking or heating appliances other than lamp socket devices of at least 2 kilowatts capacity.

(3) The active connected cooking, heating and power load shall be taken as 100 percent of the first 2 kilowatts installed and 50 percent of the connected load installed in excess of 2 kilowatts, computed to the nearest one-tenth of a kilowatt, but is never to be taken as less than 2 kilowatts. Motors and instantaneous water heaters will be rated as 100 percent active connected load. Motors aggregating not more than 5 horsepower, and not in excess of the total connected load of heating and cooking appliances, may be included on this rate and will be rated at 1 kilowatt for each horsepower of output rating. Where the connected load is so arranged that all of it cannot be connected at one time, only the maximum load that can be connected will be used as a basis for the active load. All equipment will be assumed as operating at 100 percent power factor.

SCHEDULE C-2

(Cancels former P.G. & E.Co. Schedules Nos. 152, 146, 191, insofar as they apply to this class of service).

COMMERCIAL COOKING AND HEATING SERVICE:

TERRITORY:

Applicable to the entire former Pacific Gas and Electric Company's system except City and County of San Francisco.

SCHEDULE C-2 (Cont'd)

RATE:

First	30 k.w.h. per kilowatt of active connected load	4.2¢ per k.w.h.
Next	90 k.w.h. per kilowatt of active connected load	2.2¢ per k.w.h.
All over 120 k.w.h. per kilowatt of active connected load		1.75¢ per k.w.h.

MINIMUM CHARGE:

\$2.50 per month for the first 5 kilowatts or less of active connected load plus \$1.00 per kilowatt for each kilowatt of active connected load in excess of 5 kilowatts. Where the consumer signs a contract for not less than 12 consecutive months the minimum will be adjusted on a yearly basis.

SPECIAL CONDITIONS:

The active connected cooking, heating and power load shall be taken as 100 percent of the first 2 kilowatts installed and 50 percent of the connected load installed in excess of 2 kilowatts, computed to the nearest one-tenth of a kilowatt, but is never to be taken as less than 2 kilowatts. Motors and instantaneous water heaters will be rated as 100 percent active connected load. Motors aggregating not more than 5 horsepower, and not in excess of the total connected load of heating and cooking appliances, may be included on this rate and will be rated at 1 kilowatt for each horsepower of output rating. Where the connected load is so arranged that all of it cannot be connected at one time, only the maximum load that can be connected will be used as a basis for the active load. All equipment will be assumed as operating at 100 percent power factor.

Schedule No. 183 to be refiled for combination lighting, ~~and~~ heating/service, and power service, the energy rate increased by 5 mills per kilowatt hour and designated as Schedule C-3.

Schedule No. 194 as now on file to be refiled for combination lighting and power service, energy rate increased by 5 mills per kilowatt hour and designated as Schedule C-4.

SCHEDULE P-1

(Cancels schedules of former P.G. & E. System Nos. 112, 120, 121, 133, 137, 142, 143, 143-x, 144, 146, 156, 157, 157-x, 162, 163, 171, 175, 203, 207, 209).

GENERAL COMMERCIAL AND INDUSTRIAL
POWER SERVICE

Alternating Current only.

TERRITORY:

Applicable to entire former Pacific Gas and Electric Company's system.

RATE:

<u>Consumption per Horsepower per Month</u>		<u>Rate per K. W. H. for Active Loads of</u>			
		<u>2 h.p. to 10 h.p.</u>	<u>11 h.p. to 25 h.p.</u>	<u>26 h.p. to 50 h.p.</u>	<u>51 h.p. to 99 h.p.</u>
First	60 k.w.h.	4.0¢	3.6¢	3.1¢	2.6¢
Next	60 "	2.1¢	2.0¢	2.0¢	1.7¢
"	60 "	1.3¢	1.3¢	1.3¢	1.2¢
Over	180 "	1.2¢	1.1¢	1.0¢	1.0¢

		<u>100 h.p. to 300 h.p.</u>	<u>300 h.p. to 800 h.p.</u>	<u>800 h.p. and Over</u>
		First	60 k.w.h.	2.2¢	2.0¢	1.8¢
Next	60 "	1.5¢	1.2¢	1.1¢
"	60 "	1.1¢	1.0¢	0.9¢
Over	180 "	0.9¢	0.9¢	0.8¢

MINIMUM CHARGE:

(a) Connected Load Basis:

\$1.00 per month per horsepower of active connected load for the first 50 horsepower plus \$.60 per month per horsepower for each horsepower of load in excess of 50 horsepower, but not less than \$2.00 per month.

SCHEDULE P-1 (Cont'd)

MINIMUM CHARGE: (Cont'd)

(b) Maximum Demand Basis:

\$1.00 per month per horsepower of measured maximum demand but, not less than 20% of the total active connected, and in no case less than \$50.00 per month.

SPECIAL CONDITIONS:

(a) Installations of two or more motors in excess of 50 h.p. of total connected load may, upon request, have the rate and minimum based on the maximum demand, which is defined as the highest average load in horsepower determined for a period of 15 minutes during the month, except for intermittent service to elevators, etc., when 3-minute period may be used.

(b) Any installation may obtain the rates for larger sized installations by guaranteeing the rates and minimum under the larger installation.

SCHEDULE P-2

(Cancelling Schedules of Former P.G. & E. System Nos. 115, ~~116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201 and 204).~~ 170, 177, 178, 179, 200, 201 and 204).

AGRICULTURAL SERVICE

TERRITORY:

Applicable to entire former Pacific Gas and Electric Company's system except Chico District.

RATE:

(a) For installations of less than 50 h.p.:

First	500 k.w.h. per meter per month	..	3.2¢	per k.w.h.
Next	500 " " " " " "	..	2.7¢	" "
"	2,000 " " " " " "	..	2.2¢	" "
All over	3,000 " " " " " "	..	1.7¢	" "

SCHEDULE P-2 (Cont'd)

RATE: (Cont'd)

Minimum Charge \$7.00 per horsepower per year but not less than \$30.00 per year.

(b) For installations of 30 h.p. and over:

<u>Size of Installation - H.P.</u>	<u>Rate Cents/K.W.E.</u>	<u>Minimum Charge</u>
30 - 49	2.2¢	\$7.00 per H.P. per year
50 - 99	1.7¢	7.00 " " " "
100 and over	1.5¢	7.00 " " " "
100 - 499	1.2¢	14.00 " " " "
500 - 1499	1.1¢	14.00 " " " "
1500 and over	1.0¢	14.00 " " " "

SCHEDULE P-3

(Cancels former P.G. & E.Co. Schedule No. 190)

INDUSTRIAL AND MANUFACTURING POWER SERVICE

TERRITORY:

Applicable to entire former Pacific Gas and Electric Company's territory.

CHARACTER OF SERVICE:

2200 volt alternating current.

RATE:

(a) For maximum demands of 3000 k.w. and less:

SCHEDULE P-3 (Cont'd)

Rate: (Cont'd)

Demand Charge:

First 200 k.w. of measured maximum demand ..	\$1.70 per k.w. per month
Next 300 " " " " " ..	.60 per k.w. per month
Over 500 " " " " " ..	.50 per k.w. per month

Energy Charge: (To be added to Demand Charge)

\$.009 per k.w.h. for the first 100,000 k.w.h. per mo.	"	"	"
.008 " " " " next 100,000 " " "	"	"	"
.007 " " " all over 200,000 " " "	"	"	"

(b) For maximum demands in excess of 3000 k.w.:

Demand Charge:

\$.59 per month per kilowatt of measured maximum demand.

Energy Charge: (To be added to the Demand Charge)

\$.009 per k.w.h. for the first 33-1/3 k.w.h. per k.w. of maximum demand	"	"	"	"	next 33-1/3 k.w.h. per k.w. of maximum demand
.008 " " " " " " next 33-1/3 k.w.h. per k.w. of maximum demand	"	"	"	"	all over 66-2/3 k.w.h. per k.w. of maximum demand.
.007 " " " all over 66-2/3 k.w.h. per k.w. of maximum demand.	"	"	"	"	"

MINIMUM CHARGE:

The yearly minimum charge, which is payable in equal monthly installments, shall be equal to 12 times the maximum monthly demand charge, but in no case to be less than \$6,000.

SPECIAL CONDITIONS:

(a) The maximum demand in any month shall be the average kilowatt input indicated or recorded by instruments to be furnished and installed by the Company upon the consumer's premises, adjacent to watt-hour meter or meters, in the 15 minute interval in which the consumption of electricity is greater than in any other 15 minute interval in the month, or at the option of the Company, the maximum demand may be determined by test.

SCHEDULE P-3 (Cont'd)

SPECIAL CONDITIONS: (Cont'd)

(b) For rapidly fluctuating loads, such as hoists, elevators, welding machines, furnaces, etc., the Company reserves the right to require the consumer to provide at his own expense suitable equipment to reasonably limit such fluctuations, and may base the consumer's maximum demand upon a 3-minute instead of a 15-minute interval.

(c) This rate will be given only where the consumer will sign a contract for a term of at least three years in the original instance.

SCHEDULE P-4

(Cancels Schedule No. 118)

MINING POWER SCHEDULE: (Optional with Schedule P-1)

TERRITORY:

Applicable to all territory served by former Pacific Gas and Electric Company system except Electra District.

RATE:

1.75¢ per k.w.h. for power used for hoisting
1.50¢ " " " " " " all other purposes.

MINIMUM CHARGE:

\$1.15 per h.p. of the rated capacity of motors installed.

SPECIAL CONDITION:

Service under this schedule will be at primary voltage and consumers are required to furnish the necessary transformers.

SCHEDULE P-5

(Cancels Schedule No. 129)

MINING POWER SCHEDULE: (Optional with Schedule P-1)

TERRITORY:

Applicable to Electra District.

RATE:

1.20¢ per k.w.h. for installations of 100 h.p. or less
1.10¢ " " " " " " over 100 h.p.

MINIMUM CHARGE:

\$1.20 per month per h.p. of rated capacity installed.

SCHEDULE P-6

(Cancels Schedule No. 196)

GOLD DREDGING POWER SERVICE

TERRITORY:

Applicable to all rural territory served.

RATE:

.95¢ per kilowatt hour.

MINIMUM CHARGE:

\$1.00 per month per horsepower.

SCHEDULE P-6 (Cont'd)

SPECIAL CONDITIONS:

(a) Current is delivered and metered at the primary voltage.

(b) This schedule is given on basis of contract for service during period dredging is carried on.

SCHEDULE P-7

(Cancels former P.G. & E.Co. Schedule No. 189)

RESALE SERVICE

TERRITORY:

Applicable to all former Pacific Gas and Electric Company territory, except within the City and County of San Francisco.

CHARACTER OF SERVICE:

Alternating current at not less than 2200 volts supplied to other public utilities for distribution and resale.

RATE:

(a) When the maximum demand does not exceed 5000 kilowatts:

Demand Charge:

First 200 k.w. of measured maximum demand	..	\$1.70 per month per kilowatt
Next 300 " " " " " "	..	.60 per month per kilowatt
Over 500 " " " " " "	..	.50 per month per kilowatt

SCHEDULE P-7 (Cont'd)

RATE: (Cont'd)

Energy Charge: (To be added to the Demand Charge)

0.8¢	per k.w.h.	for the first	100,000	k.w.h.	per month			
0.7¢	"	"	"	"	next	100,000	"	"
0.6¢	"	"	"	all over	200,000	"	"	"

(b) When the maximum demand exceeds 5000 kilowatts:

Demand Charge:

\$.554 per month per kilowatt of measured maximum demand.

Energy Charge: (To be added to the Demand Charge)

0.8¢	per k.w.h.	for the first	20	k.w.h.	per k.w.	of		
						maximum	demand	
0.7¢	"	"	"	"	next	20	k.w.h.	per k.w.
						maximum	demand	
0.6¢	"	"	"	all over	40	k.w.h.	per k.w.	of
						maximum	demand.	

MINIMUM CHARGE:

The minimum yearly charge shall be an amount equal to 12 times the maximum monthly Demand Charge.

SPECIAL CONDITIONS:

(a) Maximum Rate: In the event that the sum of the Readiness-to-Serve Charge and the Energy Charge in any one month results in an average charge in excess of 1.6 cents per kilowatt hour, then the charge for that month shall be made at the rate of 1.6 cents per kilowatt hour. This provision does not apply to amounts charged to make up the minimum amount.

(b) Maximum Demand: The maximum demand in any month shall be the average kilowatt input indicated or recorded by instruments to be furnished and installed by the Company upon the consumer's premises, adjacent to watt-hour meter or meters, in the 15-minute interval in which the consumption of electricity is greater than in any other 15-minute interval in the month, or at the option of the Company, the maximum demand may be determined by test.

SCHEDULE P-7 (Cont'd)

SPECIAL CONDITIONS: (cont'd)

(c) Contract: This rate will only be given where the consumer will sign a contract for at least three years in the original instance.

SCHEDULE P-8

(Cancels former P.G. & E. Co. Schedule No. 116)

RECLAMATION SERVICE

TERRITORY:

Applicable to entire former Pacific Gas and Electric Company's system.

RATE:

Demand Charge:

1. For the months of January to May inclusive.

a. For service delivered at Secondary Voltage.

\$350.00 per season for the first 50 h.p. or less of connected load.

6.00 per h.p. per season for the next 100 h.p. of connected load.

5.00 per h.p. per season for the next 350 h.p. of connected load.

4.50 per h.p. per season for the next 500 h.p. of connected load.

4.00 per h.p. per season for all over 1000 h.p. of connected load.

b. For service delivered at Primary Voltage.

\$250.00 per season for the first 50 h.p. or less of connected load.

4.50 per h.p. per season for the next 100 h.p. of connected load.

4.00 per h.p. per season for the next 350 h.p. of connected load.

3.50 per h.p. per season for the next 500 h.p. of connected load.

SCHEDULE P-8 (Cont'd)

RATE: (Cont'd)

\$3.00 per h.p. per season for all over 1000 h.p. of connected load.

2. For the months of June to December inclusive.

\$1.00 per month per kilowatt of measured maximum demand created during each month.

Energy Charge: (In addition to Demand Charges under (1) and (2))

1.0¢ per k.w.h. for the first 200,000 k.w.h. per year
0.9¢ " " " all over 200,000 k.w.h. per year

SPECIAL CONDITIONS:

(a) "Secondary Voltage" as used in this schedule includes all voltages less than 15,000 volts at the option of the consumer.

(b) "Primary Voltage" as used in this schedule includes voltages of 15,000 volts or more at the option of the company.

(c) "Connected Load" as used in this schedule means the lesser of

Kilovolt ampere capacity of transformers installed.

Total horsepower of all motors that may be connected to the line at any one time, excluding auxiliary motors operating gates, priming pumps, etc., which are intermittently operated.

(d) Measured Maximum Demand. The maximum demand in any month shall be the average kilowatt input indicated or recorded by instruments to be furnished and installed by the Company upon the consumer's premises, adjacent to watt-hour meter or meters, in the 15-minute interval in which the consumption of electricity is greater than in any other 15 minute interval in the month, or at the option of the Company, the maximum demand may be determined by test.

(e) The seasonal demand charge (Demand Charge 1 (a) or (b) is payable yearly, in advance. Monthly demand charges (Demand Charge 2) and Energy Charges are payable monthly.

(f) Contract. This rate will only be given when the consumer will sign a contract for at least three years in the original instance.

Schedule No. 182 to be refiled, energy rate increased by 0.25 cents per k.w.h., minimum charge increased to \$.85 per horsepower, and designated as Schedule P-9.

SCHEDULE P-10

(Cancels former P.G. & E.Co. Schedules No. 164)
165)

AGRICULTURAL POWER - CHICO DISTRICT

SERVICE:

Applicable in the Chico District only.

RATE:

First	60	k.w.h.	per	h.p.	per	month	..	3.30	per	k.w.h.
Next	120	"	"	"	"	"	..	1.75	"	"
All over	180	"	"	"	"	"	..	1.00	"	"

MINIMUM CHARGE:

\$14.00 per horsepower per year.

DISCOUNTS: (Applicable to energy rates)

5 h.p. or less net
1% for each additional hp. over 5 h.p. up to and including 20 h.p.
1% for each additional 5 h.p. over 20 h.p. up to and including 70 h.p.

Discounts apply only where energy charges exceed the minimum.

Schedule No. 163 to be refiled, excluding rate for service of less than 4 months, energy rate increased to 0.75 cents, and designated as Schedule P-11.

Schedule No. 192 to be refiled as Schedule P-12.

Schedule No. 193 to be refiled as Schedule P-13.

SCHEDULE P-14

Optional Power Schedule

(Cancels and Supersedes P.G. & E.Co. Schedules
Nos. 185 and 186)

POWER SERVICE or COMBINED LIGHTING
AND POWER SERVICE

Applicable to power service with incidental lighting
service only.

TERRITORY:

District "A", San Francisco, as set forth in present
Schedule No. 185.

RATE:

First	150	k.w.h.	per	meter	per	month	..	4.50¢	per	k.w.h.
Next	350	"	"	"	"	"	..	3.50¢	"	"
"	500	"	"	"	"	"	..	3.00¢	"	"
"	2,000	"	"	"	"	"	..	2.75¢	"	"
All over	3,000	"	"	"	"	"	..	2.50¢	"	"

MINIMUM CHARGE:

85¢ per month per h.p. of active power load but
not less than \$3.00 per month.

SCHEDULE P-15

GENERAL COMMERCIAL SERVICE

Schedule No. 182 to be refiled, increasing energy
charge by 0.25¢ and minimum charge by 10¢ per h.p. per month

and designated as Schedule P-15.

Schedule No. 199 to be refiled as Schedule P-16.

IT IS HEREBY FURTHER ORDERED that Pacific Gas and Electric Company refile the schedules effective on the former Northern California Power Company's system, increasing the rates there in effect by the addition of the 10 per cent surcharge heretofore authorized and in effect, except in the Chico District, where Pacific Gas and Electric Company's schedules above set forth shall be applicable.

IT IS HEREBY FURTHER ORDERED that Pacific Gas and Electric Company be and is hereby authorized to charge and collect for electric service rendered in the territory served by Sierra and San Francisco Power Company's system, based upon regular meter readings taken on and after the 10th day of July 1920 for metered service, and for flat rate service rendered on and after July 1st, 1920, the rates as follows:

SCHEDULE SL-1

(Cancels former S. & S.F.Pr.Co. Schedules M, N & O)

GENERAL LIGHTING SERVICE

SERVICE:

Applies to lighting service, including lamp socket appliances and small motors, not exceeding 1 h.p., used in connection with lighting service.

TERRITORY:

Applicable to the former Sierra and San Francisco Power Company's system, with the exception of the City of Modesto.

SCHEDULE SL-1 (Cont'd)

RATE:

First	-	50	k.w.h.	per	month	.....	10¢	per	k.w.h.
Next		250	"	"	"	.....	8¢	"	"
"		300	"	"	"	.....	6.5¢	"	"
"		400	"	"	"	.....	5.5¢	"	"
All over		1,000	"	"	"	.....	5¢	"	"

MINIMUM CHARGE:

Within incorporated municipalities:
\$1.00 per Month per Meter.

Without incorporated municipalities:
\$1.25 per Month per Meter.

SCHEDULE SL-2

(Cancels former S. & S.F.Pr.Co. Schedule B)

GENERAL LIGHTING SERVICE

SERVICE:

Applies to current sold for lighting and to appliances and small motors, not exceeding 1 h.p., used in connection with lighting service.

TERRITORY:

Applicable within the corporate limits of the City of Modesto.

RATE:

First		100	k.w.h.	per	month	.....	8.5¢	per	k.w.h.
Next		200	"	"	"	.....	7.5¢	"	"
"		300	"	"	"	.....	6.5¢	"	"
"		400	"	"	"	.....	5.5¢	"	"
All over		1,000	"	"	"	.....	4.5¢	"	"

MINIMUM CHARGE:

\$1.00 per Month per Meter.

Schedule "T" to be refiled with rates increased by present 15% surcharge and designated as Schedule SL-3.

SCHEDULE SC-1

(Cancels former S. & S.F.Pr.Co. Schedule C-1)

COOKING AND HEATING SERVICE

SERVICE:

Applicable to service supplied for electric cooking and for heating, but not for lighting.

TERRITORY:

Applies to entire former Sierra and San Francisco Power Company's system.

RATE:

First	50	k.w.h.	per	meter	per	month	..	5.34	per	k.w.h.
Next	100	"	"	"	"	"	..	4.34	"	"
All over	150	"	"	"	"	"	..	3.34	"	"

MINIMUM CHARGE:

\$3.00 per Month per Meter.

SCHEDULE SC-2

(Cancels former S. & S.F.Pr.Co. Schedules L & N)

DOMESTIC LIGHTING, HEATING AND COOKING SERVICE

SCHEDULE SC-2 (Cont'd)

SERVICE:

Combined lighting, cooking and heating for residences, when the capacity of cooking equipment installed, exclusive of lamp socket appliances, is not less than 5 kilowatts.

TERRITORY:

Applicable in the San Joaquin Division of the former Sierra and San Francisco Power Company's system.

RATE:

First	30	k.w.h.	per	month	.....	10¢	per	k.w.h.
All over	30	"	"	"	.....	3.5¢	"	"

MINIMUM CHARGE:

\$2.50 per Month per Meter.

Schedule "V" to be refiled with energy rate increased to 1.8¢ per k.w.h., and designated as Schedule SC-3.

SCHEDULE SP-1

(Cancels former S. & S.F.Pr.Co. Schedules D-1, E, F, G, H, J-1)

GENERAL POWER SERVICE

Service:

Applicable to all power installations in excess of 1 horsepower.

SCHEDULE SP-1 (Cont'd)

TERRITORY:

Applies to entire former Sierra and San Francisco Power Company's system.

RATE:

First	50	k.w.h.	per	month	per	h.p.	.....	4.4¢	per	k.w.h.
Next	100	"	"	"	"	"	.....	2.4¢	"	"
All over	150	"	"	"	"	"	.....	1.2¢	"	"

DISCOUNT:

A discount of 1% is allowed for each 5 h.p. of installed capacity up to a discount of 30%. The discount does not apply unless the energy charge exceeds the minimum.

MINIMUM CHARGE:

75¢ per h.p. per month or \$15.00 per h.p. per year, at the option of the consumer.

SPECIAL CONDITIONS:

(a) The Company shall not be required to furnish 3-phase service to installations of less than 5 h.p. total capacity.

(b) A contract for one year will be required in the original instance, and, in the case of consumers choosing the annual minimum, renewals of the contract will be for one year.

(c) Consumers desiring temporary service will not be required to sign a contract, but must pay the company for all material, not salvaged, used in extending service, and for all labor installing and removing same.

The minimum charge for temporary service will be \$1.00 per h.p. per month or fraction thereof.

SCHEDULE SP-2

(Cancels former S. & S.F.Pr.Co. Schedule P)

MINING POWER SERVICE

SERVICE:

Power used in connection with mines.

TERRITORY:

Calaveras, Tuolumne and Stanislaus Counties.

RATE:

Where the rated capacity of consumers
electrical apparatus
does not exceed 100 h.p. 1.2¢ per k.w.h.

Where the rated capacity of consumers
electrical apparatus
exceeds 100 h.p. 1.1¢ per k.w.h.

MINIMUM CHARGE:

\$1.20 per month per h.p. of capacity of consumer's apparatus.

SCHEDULE SP-3

(Cancels former S. & S.F.Pr.Co. Schedule S)

OPTIONAL POWER RATE

SERVICE:

Applicable, at the option of the consumer, to any power service.

IT IS HEREBY FURTHER ORDERED that Pacific Gas and Electric Company shall, in the instance of special contracts heretofore authorized and in effect on the consolidated system, continue such rates, including the surcharges heretofore authorized by appropriate decision of this Commission.

IT IS HEREBY FURTHER ORDERED that Pacific Gas and Electric Company be, and it is hereby, authorized to charge and collect for service rendered, in addition to the charges under the schedules hereinbefore set forth, and on such special rates and contracts applicable to the former Pacific Gas and Electric Company's system, Northern California Power Company's system and Sierra and San Francisco Power Company's system, the charges set forth in special contracts and rates heretofore authorized or approved by the Commission, inclusive of the surcharges heretofore authorized, a surcharge of 15 percent upon all bills rendered, such 15% surcharge to be effective for metered service based on all ^{regular} meter readings taken on or after July 10th, 1920 and on or before April 10th, 1921, and for flat rate service rendered beginning July 1st, 1920 and ending April 1st, 1921, unless otherwise ordered by this Commission. *RM*

PROVIDED, Pacific Gas and Electric Company shall, within 10 days of the date of this order, file with the Railroad Commission the schedules of rates and surcharges herein authorized.

IT IS HEREBY FURTHER ORDERED that Pacific Gas and Electric Company shall set aside for the maintenance of its electric properties the sum of not less than \$170,000 monthly

SCHEDULE SP-3 (Cont'd)

TERRITORY:

Applies to the entire former Sierra and San Francisco Power Company's system.

RATE:

Demand Charge:

- | | | |
|------------------------|------|---------------------------|
| 1 - Continuous Service | .... | \$1.00 per h.p. per month |
| 2 - Seasonal Service | .... | 1.25 " " " " |
- for six or more specified consecutive months.

Energy Charge:

- 1 - To apply during months when a demand charge is paid and to be added thereto
- | | | |
|---|-------|-----------------|
| When the connected load is less than 10 h.p. | ..... | 1.8¢ per k.w.h. |
| When the connected load is 10 h.p. or more but less than 50 h.p. | ..... | 1.55¢ " " |
| When the connected load is 50 h.p. or more but less than 100 h.p. | ..... | 1.3¢ " " |
| When the connected load is 100 h.p. or more | ..... | 1.0¢ " " |
- 2 - To apply during months when no demand charge is paid (under Demand Charge 2)
- | | | |
|--|-------|-----------------|
| | | 2.8¢ per k.w.h. |
|--|-------|-----------------|

SPECIAL CONDITIONS:

Three-phase service will not be supplied to installations of less than 5 horsepower.

Special rates and contracts of Sierra and San Francisco Power Company on file to be continued in effect with the addition of the surcharges heretofore authorized and in effect.

commencing with July 1920, the unexpended amounts thereof to be held in a reserve.

The foregoing opinion and order are hereby approved and ordered filed as the opinion and order of the Railroad Commission of the State of California.

Dated at San Francisco, California, this

30th day of June, 1920.

E. O. Edgerton
H. B. Loveland
Frank R. Hill
H. C. Brundage
James M. Martin
Commissioners.