

Decision No. 22031.**ORIGINAL**

BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

City and County of San Francisco,
Complainant,

vs.

Pacific Gas and Electric Company,
Defendant.

Case No. 2144.

City of Oakland,

Complainant,

vs.

Pacific Gas and Electric Company,
Defendant.

Case No. 2154.

City of Berkeley,

Complainant,

vs.

Pacific Gas and Electric Company,
Defendant.

Case No. 2189.

City of Piedmont,

Complainant,

vs.

Pacific Gas and Electric Company,
Defendant.

Case No. 2200.

In the Matter of the Investigation)
 on the Commission's own motion into)
 the reasonableness of the rates and)
 charges of the Pacific Gas and Elec-)
 tric Company for electrical service.)

Case No. 2225.

And

The Commission's Order to Show Cause)
 why interim rates should not be made)
 effective during the pendency of this)
 consolidated proceeding.)

John J. O'Toole, City Attorney, and Dion R. Holm,
 Assistant City Attorney, for City and County
 of San Francisco.

Preston Higgins, City Attorney, for the City of
 Oakland.

C. P. Cutten, for Defendant, Pacific Gas and Elec-
 tric Company.

Gay C. Earl and Chaffee E. Hall, for Great Western
 Power Company.

J. J. Deuel and L. S. Wing, for California Farm Bureau
 Federation.

Archer Bowden, City Attorney, for the City of San Jose.

W. D. Tillotson, City Attorney, for the City of
 Redding.

Jones, Patterson and Douglas, by Herbert C. Jones, for
 certain domestic consumers.

Lester S. Ready, Consulting Engineer, for the
 California Association of Ice Industries and Pacific
 States Cold Storage Warehousemen's Association.

William M. Abbott, for the Market Street Railway.

SEAVEY, COMMISSIONER:

O P I N I O N

In this proceeding, Cases Nos. 2144, 2154, 2189, 2220,
 and 2225, have been consolidated for purposes of hearing and de-
 cision, hearings having been held thereon on October 14, 1925,

February 23, 1926, June 29, 1926, January 17, 1928, and February 15 and 21, 1928. On February 21, 1928, the consolidated proceeding was temporarily dropped from the calendar at the request of parties thereto and adjourned to a date to be set.

On May 20, 1929, the Railroad Commission adopted a resolution directing various utilities named therein, including respondent, to appear before the Commission en banc on June 4, 1929, and then and there show cause why proceedings to investigate their respective rates should not be instituted.

Subsequent to the above hearing this consolidated proceeding was again placed on the calendar and further hearings held on August 27, 1929 and November 6, 1929. Subsequent to the last named date the Commission issued its order that Pacific Gas and Electric Company appear on November 26, 1929, to show cause why interim rates should not be made effective during the pendency of this proceeding, such rates to be lower than those now effective.

A hearing was held at San Francisco on November 26, 1929, in connection with the above mentioned order to show cause, why interim rates should not be instituted, at which hearing testimony and evidence were introduced which indicated that Pacific Gas and Electric Company had been and would be receiving an excessive return on its investment.

At said hearing the matter of the order to show cause why interim rates should not be instituted was submitted.

After careful consideration and study of the evidence submitted and the proposals made, it is recommended that certain reductions be made in the electric rates of Pacific Gas and Electric Company.

I recommend the following form of order:

O R D E R

The Railroad Commission of the State of California having issued its order directing Pacific Gas and Electric Company to show cause, if any there be, why an immediate reduction should not be made in its rates for electricity, public hearings having been held, the matter being submitted and now ready for decision,

IT IS HEREBY ORDERED that:

1. Effective with bills based upon regular meter readings taken on and after March 1, 1930, Pacific Gas and Electric Company shall charge and collect for electric service the rates set forth in Exhibit "A," attached hereto and made a part hereof, in lieu of corresponding rates now effective.

2. The rates set forth in Exhibit "A," attached hereto, shall be filed with this Commission by Pacific Gas and Electric Company before March 1, 1930.

3. Case No. 2144, City and County of San Francisco vs. Pacific Gas and Electric Company; Case No. 2154, City of Oakland vs. Pacific Gas and Electric Company; Case No. 2189, City of Berkeley vs. Pacific Gas and Electric Company; Case No. 2200, City of Piedmont vs. Pacific Gas and Electric Company, and Case No. 2225, Investigation on the Commission's own motion into the reasonableness of rates of Pacific Gas and Electric Company be dropped from the Commission's calendar, to

be restored thereto upon request of interested parties or order of the Commission.

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.

For all other purposes the effective date of this order shall be twenty (20) days from and after the date hereof.

Dated at San Francisco, California, this 15th day of January, 1930.

Clarence
Emmott
Leon O'Connell
John J. ...
M. J. ...
Commissioners.

EXHIBIT "A"

SCHEDULE L-1

GENERAL LIGHTING SERVICE:

Applicable to general domestic and commercial lighting service, including household appliances and small power service.

TERRITORY:

Applicable to service within the incorporated limits of San Francisco, Oakland, Berkeley, Piedmont, Emeryville, San Leandro and Albany.

RATE:

Service Charge: Per meter per month.....40¢

Energy Charge (to be added to Service Charge):

First	200 Kw-h. per meter per month.....	4.5¢ per Kw-h.
Next	800 Kw-h. per meter per month.....	3.7¢ per Kw-h.
Next	2000 Kw-h. per meter per month.....	2.9¢ per Kw-h.
Next	12000 Kw-h. per meter per month.....	2.4¢ per Kw-h.
All over	15000 Kw-h. per meter per month.....	2.0¢ per Kw-h.

Minimum Charge: The Service Charge above constitutes the minimum charge.

SPECIAL CONDITIONS:

(a) Single phase motors of an aggregate capacity of 5 hp. or less may receive service or may be combined with general lighting service under this schedule at the option of the consumer, provided, in case of combination service, the total energy is supplied through one meter. The minimum charge applicable to this combination service shall be the same as that set forth above.

(b) In San Francisco only, motors of an aggregate capacity in excess of 5 hp. may receive service or may be combined with general lighting service under this schedule at the option of the consumer, provided, in case of combination service, the total energy is supplied through one meter, in which case the total minimum charge will be 90¢ per hp. per month of motor load connected. Combination will not be made between A.C. and D.C. service. Single phase and ployphase will not be combined unless obtainable from the same service wires.

(c) The Company has the option of refusing D.C. service where both A.C. and D.C. are available.

(d) D.C. service will be furnished at new locations subsequent to June 1, 1930, only with the approval of the Railroad Commission.

SCHEDULE L-2GENERAL LIGHTING SERVICE:

Applicable to general domestic and commercial lighting service, including household appliances and small power service.

TERRITORY:

Applicable to service within all incorporated limits served by the Company except in San Francisco, Oakland, Berkeley, Piedmont, Emeryville, San Leandro and Albany, and Humboldt Division.

RATE:

Service Charge: per meter per month..... 50¢

Energy Charge: (to be added to Service Charge)

First	200	kwh.	per	meter	per	month.....	4.5¢	per	kwh.
Next	800	"	"	"	"	"	3.7	"	"
Next	2000	"	"	"	"	"	2.9	"	"
Next	12000	"	"	"	"	"	2.4	"	"
All Over	15000	"	"	"	"	"	2.0	"	"

Minimum Charge: The Service Charge constitutes the minimum charge.

SPECIAL CONDITIONS:

Single phase motors of an aggregate capacity of 5 H.P. or less may receive service or may be combined with general lighting service under this schedule at the option of the consumer, provided, in case of combination service, the total energy is supplied through one meter. The minimum charge applicable to this combination service shall be the same as that set forth above.

SCHEDULE L-3.

GENERAL LIGHTING SERVICE:

Applicable to general domestic and commercial lighting service, including household appliances and small power service.

TERRITORY:

Applicable to service in entire territory served, outside of incorporated limits, except in the Humboldt Division.

RATE:

Service Charge: per meter per month70¢

Energy Charge: (To be added to Service Charge)

First	200 kwh. per meter per month	.....	5.5¢	per kwh.
Next	300 kwh. per meter per month	.....	4.7¢	per kwh.
Next	2000 kwh. per meter per month	.....	3.9¢	per kwh.
Next	12000 kwh. per meter per month	.....	3.4¢	per kwh.
All over	15000 kwh. per meter per month	.....	3.0¢	per kwh.

Minimum Charge: The Service Charge constitutes the minimum charge.

SPECIAL CONDITIONS:

(a) Single phase motors of an aggregate capacity of 5 hp. or less may receive service or may be combined with general lighting service under this schedule at the option of the consumer, provided, in case of combination service, the total energy is supplied through one meter. The minimum charge applicable to this combination service shall be the same as that set forth above.

(b) For summer cottage and commercial resort consumers this schedule is applicable only on annual basis.

SCHEDULE L-4STREET AND HIGHWAY LIGHTING:

Applicable to service to street, highway and other public outdoor lighting installations, using bracket, mast arm, or center suspension construction, and supplied from overhead lines, where the Company owns and maintains the entire equipment.

TERRITORY:

Applicable to the entire territory except the City of San Francisco and Humboldt Division.

RATES:

	<u>Lamp Rating</u>	<u>Monthly Charge per Lamp,</u> Reduction per hour where standard operating schedule is less than full	
		<u>All Night Service</u>	<u>All Night Service</u>
<u>Multiple Lamps:</u>	25 watts	\$0.95	1¢
	40 watts	1.25	2¢
	50 watts	1.45	3¢
	60 watts	1.70	3¢
	75 watts	1.95*	4¢
	100 watts	2.15*	5¢
	150 watts	2.60*	7¢
	200 watts	3.00*	9¢
	300 watts	3.65*	11¢
<u>Series Lamps:</u>	500 watts	4.70*	17¢
	750 watts	6.15*	24¢
	60 cp.	\$1.30	2¢
	100 cp.	1.75*	4¢
	250 cp.	2.70*	7¢
	400 cp.	3.30*	10¢
	600 cp.	3.95*	13¢
1000 cp.	5.10*	19¢	
	1500 cp.	6.35*	26¢

* Includes a refractor. A diffusing globe, special highway reflector, or equivalent special reflector will be supplied on request.

SPECIAL CONDITIONS:

(a) For the purpose of calculating rates for less than all-night service, it will be assumed that the average hour of turning off all-night service is 5:30 A.M. and the average hours of nightly service are:

All-night Service (4000 hours per year) 11 hrs. per night
Midnight Service (2000 hours per year) 5½ hrs. per night

SCHEDULE L-4 (Cont'd)

SPECIAL CONDITIONS: (Cont'd)

(b) The foregoing rates apply to installations of ten lamps or more. When service is supplied for less than ten lamps, the above rates increased by 10 per cent will apply. Such increase in rate will be based upon the total number of lamps in the circuit and not upon the number of lamps billed to a separate consumer.

(c) For sizes of 400 cp. or larger, where the average spacing between lamps on the same burning schedule does not exceed 200 feet, as measured along the center line of the street, counting lamps on both sides, the Company's standard ornamental bracket and lighting unit will be furnished, if desired, without extra charge, or for greater spacing, at an extra charge of 25¢ per lamp per month.

SCHEDULE L-7

SIGN LIGHTING SERVICE:

Applicable to outdoor sign lighting for advertising purposes, excluding show window, vestibule, decorative, building outline, and flood lighting.

TERRITORY:

Applicable to entire territory served, except Humboldt Division.

RATE:

This rate consists of three parts, which are to be added together to make the total charge as follows:

Service Charge: For each separate installation.

Incorporated territory..... \$0.75 per month
Unincorporated territory..... 1.35 per month

Demand Charge:

\$1.20 per month per kilowatt of connected load.

Energy Charge:

3¢ per kilowatt hour.

SPECIAL CONDITIONS:

(a) The Company has the option of refusing D.C. service where both A.C. and D.C. service are available.

(b) The demand charge is to be computed to the nearest cent at the rate of \$1.20 per kilowatt of rated capacity of all lamps connected, including all live sockets at the wattage customarily burned whether actually burned or not.

(c) Service to which schedule is applicable may, at the option of the consumer, be supplied under the general lighting schedule applying in his territory.

(d) D.C. service will be furnished at new locations subsequent to June 1, 1930 only with the approval of the Railroad Commission.

SCHEDULE L-8ELECTROLIER FLAT RATE SERVICE:

Applicable to service to electrolier lighting systems where consumer owns the lighting fixtures and interconnecting circuits and the Company furnishes energy at one or more central points.

TERRITORY:

Applicable to entire territory served except Humboldt Division.

RATES:

Class.....	<u>Rate per lamp per month</u>					
	A Company supplies energy and switching service only		B Company supplies energy and switching service and maintains lamps and glassware		C Company supplies energy and switching service and maintains entire sys- tem including lamps and glassware	
Burning Schedule...	<u>All Night</u>	<u>Midnight</u>	<u>All Night</u>	<u>Midnight</u>	<u>All Night</u>	<u>Midnight</u>
<u>Series Systems:</u>						
60 cp.	\$.30	\$.24	\$.79	\$.57	\$.96	\$.74
80 cp.	.36	.29	.85	.62	1.02	.79
100 cp.	.42	.34	.91	.66	1.08	.85
250 cp.	.93	.75	1.40	1.05	1.58	1.23
400 cp.	1.33	1.05	1.80	1.36	1.97	1.55
600 cp.	1.90	1.46	2.45	1.83	2.63	2.00
1000 cp.	3.00	2.28	3.66	2.71	3.85	2.90
1500 cp.	4.25	3.20	5.03	3.73	5.25	3.95
2500 cp.	6.50	4.84	7.57	5.55	7.82	5.80
<u>Multiple Systems:</u>						
25 watt	.17	.14	.67	.49	.80	.62
40 watt	.24	.21	.76	.56	.89	.69
50 watt	.32	.26	.82	.61	.95	.74
60 watt	.38	.31	.88	.65	1.01	.78
75 watt	.46	.37	.99	.73	1.12	.86
100 watt	.60	.48	1.03	.79	1.17	.93
150 watt	.87	.68	1.30	.99	1.43	1.12
200 watt	1.12	.87	1.56	1.19	1.70	1.35
300 watt	1.62	1.25	2.14	1.61	2.27	1.74
500 watt	2.65	2.03	3.28	2.45	3.41	2.58
750 watt	3.90	2.96	4.77	3.50	4.89	3.62
1000 watt	5.15	3.88	5.96	4.41	6.08	4.53

SPECIAL CONDITIONS:

(a) This schedule is applicable to series street lighting systems where the Company furnishes the constant current regulating transformers, and to multiple street lighting systems where the Company delivers current at secondary voltage. Unless otherwise agreed, series current will be delivered at 6.6 amperes and multiple current at 115-230 volts, three wire, single phase. All currents and voltages stated herein are nominal, reasonable variations being permitted.

SCHEDULE L-8 (Cont'd)SPECIAL CONDITIONS: (Cont'd)

(b) Delivery will be made to the consumer's system at a point or at points mutually agreed upon. The Company will furnish the service connection to base of first post of each group of electroliers, provided the consumer has arranged his system for the least practicable number of points of delivery, and provided further, that the Company shall not be required under this schedule to make an underground service connection at its expense to any group of less than 10 electroliers nor less than 3 kw. connected load.

(c) This schedule contemplates switching by the Company (on the Company's side of points of delivery) and no extra charge will be made for switching provided there are at least 10 kilowatts of lamp load on each circuit separately switched, including all lamps on the circuit whether served under this schedule or not; otherwise an extra charge of \$2.00 per month will be made for each circuit separately switched.

(d) Lights will be turned on and off once each night in accordance with a standard burning schedule prescribed by the consumer but not exceeding 4000 hours per year for all night service and 2000 hours per year for midnight service.

(e) The rates under Classes B and C include all labor necessary for replacement of lamps and glassware and for inspection and cleaning of the same. Maintenance of glassware by the Company is limited to standard 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. Under Class C, the rates include maintenance of circuits between electrolier posts and of circuits and equipment in and on the posts, provided these are all of good standard construction; otherwise the Company may decline to grant Class C rates. Class C rates also include painting of posts with one coat of good ordinary paint as required to maintain good appearance, but do not include replacement of posts broken by traffic accidents or otherwise.

SCHEDULE L-9ELECTROLIER METER SERVICE (Optional with Schedule L-8, Class A):

Applicable to service to electrolier lighting systems where the consumer owns the lighting fixtures and interconnecting circuits, and the Company furnishes energy at one or more central points.

TERRITORY:

Applicable to entire territory served except Humboldt Division.

RATES:Energy Charge:

For the first 20 kw. or less of connected load:-

3.5¢ per kwh. for first 150 kwh. per month per kw. connected
.75¢ per kwh. for all in excess

For all connected load in excess of the first 20 kw.:-

2.6¢ per kwh. for first 150 kwh. per month per kw. connected
.75¢ per kwh. for all in excess

Service Charge (to be added to energy charge):

\$3.00 per month for each service connection to a separate circuit of the consumer.

SPECIAL CONDITIONS:(a) Series System:

This schedule is applicable to alternating current series street lighting service delivered to the consumer's system but metered on the primary side of constant current transformers. Unless otherwise agreed, 6.6 ampere current will be supplied. Constant current transformers will be located at the nearest convenient points back from the points of delivery, or, at the option of the Company, in the Company's substation. Two or more circuits may be combined on a single transformer. Meters will be located at the nearest convenient point back of constant current transformers. In case of more than one transformer, the service may be metered at more than one point, or, at the option of the Company, any two or more transformers may be served through a single meter located at the nearest convenient point back on the line or at the substation.

(b) Multiple System:

This schedule is applicable to alternating current multiple street lighting service delivered to the consumer's system at 115-

SCHEDULE L-9 (Continued)

230 volts and metered at delivery voltage at nearest convenient points back from points of delivery. In case of more than one point of delivery, the service may be metered at more than one point, or, at the option of the Company, two or more deliveries may be combined on one meter located at the nearest convenient point back on the line.

(c) General:

The connected load will be determined by taking the rated wattage of all lamps connected to the metered system after dividing each by the rated efficiency of its individual transformer if one is used. Delivery will be made at a point or points mutually agreeable to both parties, the Company connecting to the consumer's system at the base of first electrolier in each group. All currents and voltages stated herein are nominal, reasonable variations being permitted.

(d) Switching:

This schedule contemplates switching by the Company (on the Company side of points of delivery) in accordance with a standard burning schedule. In case switching by the Company is not desired, the service charge will be \$1.00 per month per point of delivery instead of \$3.00.

SCHEDULE L-11

GENERAL LIGHTING SERVICE:

Applicable to general domestic and commercial lighting service, including household appliances and small power service.

TERRITORY:

Applicable to service within all incorporated limits served by the Company in the Humboldt Division.

RATE:

Service Charge: per meter per month..... 80¢

Energy Charge (to be added to Service Charge):

First	200 Kw-h. per meter per month....	5.0¢ per Kw-h.
Next	800 Kw-h. per meter per month....	4.2¢ per Kw-h.
Next	2000 Kw-h. per meter per month....	3.4¢ per Kw-h.
Next	12000 Kw-h. per meter per month....	2.9¢ per Kw-h.
All Over	15000 Kw-h. per meter per month....	2.5¢ per Kw-h.

Minimum Charge: The Service Charge constitutes the minimum charge.

SPECIAL CONDITIONS:

Single phase motors of an aggregate capacity of 5 hp. or less may receive service or may be combined with general lighting service under this schedule at the option of the consumer, provided, in case of combination service, the total energy is supplied through one meter. The minimum charge applicable to this combination service shall be the same as that set forth above.

SCHEDULE I-12GENERAL LIGHTING SERVICE:

Applicable to general domestic and commercial lighting service, including household appliances and small power service.

TERRITORY:

Applicable to service outside of incorporated limits served by the Company in the Humboldt Division.

RATE:

Service Charge; per meter per month..... 80¢

Energy Charge (to be added to Service Charge):

First	200 Kw-h. per meter per month....	6.0¢ per Kw-h.
Next	800 Kw-h. per meter per month....	5.2¢ per Kw-h.
Next	2000 Kw-h. per meter per month....	4.4¢ per Kw-h.
Next	12000 Kw-h. per meter per month....	3.9¢ per Kw-h.
All over	15000 Kw-h. per meter per month....	3.5¢ per Kw-h.

Minimum Charge: The Service Charge constitutes the minimum charge.

SPECIAL CONDITIONS:

Single phase motors of an aggregate capacity of 5 hp. or less may receive service or may be combined with general lighting service under this schedule at the option of the consumer, provided, in case of combination service, the total energy is supplied through one meter. The minimum charge applicable to this combination service shall be the same as that set forth above.

SCHEDULE L-13STREET AND HIGHWAY LIGHTING:

Applicable to service to street, highway and other public outdoor lighting installations, using bracket, mast arm, or center suspension construction, and supplied from overhead lines, where the Company owns and maintains the entire equipment.

TERRITORY:

Applicable to service supplied by the Company in the Humboldt Division.

RATES:

<u>Multiple Lamps:</u>	<u>Lamp Rating</u>	<u>Monthly Charge per Lamp</u>	
		<u>All Night Service</u>	<u>Reduction per hour where standard operating schedule is less than full All Night Service</u>
	40 Watts	\$1.40	2¢
	60 Watts	1.70	3¢
	100 Watts	2.40*	5¢
	150 Watts	3.05*	7¢
	200 Watts	3.57*	9¢
	300 Watts	4.20*	13¢
	500 Watts	5.15*	20¢
<u>Series Lamps:</u>			
	60 cp.	\$1.40	2¢
	80 cp.	1.70	3¢
	100 cp.	1.78	4¢
	250 cp.	3.05*	7¢
	400 cp.	3.80*	11¢
	600 cp.	4.38*	15¢

*Includes a refractor. A diffusing globe, special highway reflector, or equivalent special reflector will be supplied on request.

SPECIAL CONDITIONS:

(a) For the purpose of calculating rates for less than all-night service, it will be assumed that the average hour of turning off all-night service is 5:30 A.M. and the average hours of nightly service are:

All Night Service (4000 hours per year)	11 hours per night
Midnight Service (2000 hours per year)	5½ hours per night

(b) The foregoing rates apply to installations of ten lamps or more. When service is supplied for less than ten lamps, the above rates increased by 10 per cent will apply. Such increase in rate will be based upon the total number of lamps in the circuit and not upon the number of lamps billed to a separate consumer.

SCHEDULE 1-13 (Cont'd)

SPECIAL CONDITIONS (Cont'd):

(c) For sizes of 400 cp. or larger, where the average spacing between lamps on the same burning schedule does not exceed 200 feet, as measured along the center line of the street, counting lamps on both sides, the Company's standard ornamental bracket and lighting unit will be furnished, if desired, without extra charge, or for greater spacing, at an extra charge of 25¢ per lamp per month.

SCHEDULE C-1GENERAL HEATING AND COOKING SERVICE:

Applicable to general domestic and commercial heating and cooking service.

TERRITORY:

Applicable to entire territory served except the Humboldt Division.

RATE:

First 150 Kw-h. per meter per month.....3.5¢ per Kw-h.
All over 150 Kw-h. per meter per month.....1.5¢ per Kw-h.

Minimum Charge:

1st 7 Kw. or less \$3.00 per month.
All over 7 Kw. of heating and cooking \$0.50 per Kw.
Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1st and prior to November 1st, provided however that during such period the minimum charge hereunder shall in no case be less than \$3.00 per month.

Optional Annual Minimum Charge:

Upon application by the consumer, the Company will put the minimum charge on an annual basis of \$36.00 per annum for the first 7 Kw. of major equipment plus \$6.00 per annum for each additional kilowatt of such major equipment, provided the primary use of service is seasonal and further, provided the consumer signs a contract for service for a period of not less than one (1) year. The Company reserves the right to bill the annual minimum charge proportionately throughout the year.

SPECIAL CONDITIONS:

(a) Service will normally be 110/220 volt three wire alternating current.

(b) Minimum charges are based on the total active connected load of heating and cooking capacity which may be connected at any one time.

(c) This schedule applies to domestic service provided, however, that the consumer permanently installs and uses heating and cooking apparatus (other than lamp socket devices) of at least 2 Kw. capacity for residences, flats or individual apartments of 8 rooms or less, and of at least 5 Kw. capacity for residences, flats or individual apartments of 9 rooms or more. Bath rooms, halls and cellars are not classified as rooms.

SCHEDULE C-1 (Continued)

(d) Commercial installations will qualify for, and receive service under this schedule provided that heating and cooking apparatus (other than lamp socket devices) of at least 2 Kw. capacity are permanently installed and used.

(e) Connected load will be taken as the name plate rating of all heating and cooking apparatus permanently connected and which may be connected at any one time computed to the nearest one-tenth of a Kw. and in no case less than 2 Kw. All equipment assumed as operating at 100 per cent power factor.

(f) Single phase power service (5 hp. or less) may be combined under this schedule in which case each horsepower of connected load shall be considered equivalent to one kilowatt of connected load in determining the minimum charge.

SCHEDULE 2-E(a)GENERAL HEATING AND COOKING SERVICE:

Applicable to general domestic and commercial heating and cooking service.

TERRITORY:

Applicable to service supplied by the Company in the Humboldt Division.

RATE:

First 150 Kw-h. per meter per month.....3.5¢ per Kw-h.
All over 150 Kw-h. per meter per month.....2.0¢ per Kw-h.

Minimum Charge:

1st 7 Kw. or less \$3.00 per month.
All over 7 Kw. of heating and cooking \$0.50 per Kw.
Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1st and prior to November 1st, provided however, that during such period the minimum charge hereunder shall in no case be less than \$3.00 per month.

Optional Annual Minimum Charge:

Upon application by the consumer, the Company will put the minimum charge on an annual basis of \$36.00 per annum for the first 7 Kw. of major equipment plus \$6.00 per annum for each additional kilowatt of such major equipment, provided the primary use of service is seasonal and further, provided the consumer signs a contract for service for a period of not less than one (1) year. The Company reserves the right to bill the annual minimum charge proportionately throughout the year.

SPECIAL CONDITIONS:

(a) Service will normally be 110/220 volt three wire alternating current.

(b) Minimum charges are based on the total active load of heating and cooking capacity which may be connected at any one time.

(c) Connected load will be taken as the name plate rating of all heating and cooking apparatus permanently connected and which may be connected at any time computed to the nearest one-tenth of a Kw. and in no case less than 2 Kw. All equipment assumed as operating at 100 per cent power factor.

SCHEDULE 2-E(a) (Continued)

(d) Single phase power service (5 hp. or less) may be combined under this schedule in which case each horsepower of connected load shall be considered equivalent to one kilowatt of connected load in determining the minimum charge.

SCHEDULE C-3COMBINATION LIGHTING AND POWER SERVICE:

Applicable to combination lighting with cooking, heating and/or power service where the connected load of power, heating and/or cooking is at least 25% of the total load.

TERRITORY:

Applicable within the City and County of San Francisco.

RATE:Demand Charge:

First	25 kw. of monthly maximum demand..	\$1.60 per kw.
Next	50 kw. of monthly maximum demand..	1.30 per kw.
All over	75 kw. of monthly maximum demand..	1.00 per kw.

Energy Charge (to be added to Demand Charge)

First	1000 kw-h. per month.....	2.60 cents per kw-h.
Next	1500 kw-h. per month.....	2.10 cents per kw-h.
Next	3500 kw-h. per month.....	1.80 cents per kw-h.
All over	6000 kw-h per month	1.60 cents per kw-h.

MINIMUM CHARGE:

The Demand Charge will be not less than that based on 50% of the maximum demand created during the preceding eleven months and in no case less than \$12.00 per month.

SPECIAL CONDITIONS:

(a) The maximum demand will, except as provided for under Special Condition (b), be measured by demand meters or indicators to be furnished and installed by the company.

The maximum demand in any month will be the average number of kilowatts indicated or recorded by the above meters in that 15-minute interval in which the consumption of electric energy hereunder is greater than in any other 15-minute interval in the month; provided, that in the case of hoists, elevators, welding machines, furnaces and other installations where the energy demand is intermittent or subject to violent fluctuation, the company may base the consumer's maximum demand upon a 3-minute instead of a 15-minute interval.

(b) Where the power installation does not exceed 50 horsepower the company will normally fix the demand on the following basis:

One hundred per cent of the rated capacity of the largest motor installed plus 60 per cent of the rated capacity of all additional motors and other energy-consuming devices installed.

The consumer may exercise the option of having the demand determined by a demand meter, by advising the company to that

SCHEDULE C-3 (Cont'd)

effect in writing, and the change will be made effective as of the next regular meter reading subsequent to date of notice. The company may on notice to the consumer, exercise the option of determining the maximum demand by instruments or test.

NOTE: This schedule closed to new consumers after April 1, 1930.

SCHEDULE C-21OPTIONAL WATER HEATING RATE:

Applicable to separate electric water heater service where the consumer brings out a separate meter loop so that the water heating load can be separated from lighting, cooking and other heating.

TERRITORY:

Applicable to service supplied by the company in the Coast Valley Division.

RATE:(a) Service Charge:

\$2.00 per month for the first 500 watts of connected load or less, plus 20¢ per month for each 100 watts in excess of first 500 watts of connected load.

(b) Energy Charge (to be added to Service Charge):

1¢ per kilowatt hour.

NOTE: This schedule closed to new consumers after April 1, 1930.

SCHEDULE D-1GENERAL DOMESTIC COMBINATION SERVICE:

Available, upon application, for domestic lighting in combination with heating, cooking or domestic power service (including lamp socket appliances).

TERRITORY:

Applicable to service within the incorporated limits of San Francisco, Oakland, Berkeley, Piedmont, Emeryville, San Leandro and Albany.

RATE:

Service Charge: per meter per month.....40¢

Energy Charge (to be added to service charge):

First 30 kwh. per month #4½¢ per kwh.
Next 140 kwh. per month3¢ per kwh.
All excess kwh. per month.....1½¢ per kwh.

For residences, flats, or individual apartments of more than 6 rooms, 5 kwh. for each additional room will be added to the first block of 30 kwh.

Minimum Charge:

(a) Where no major equipment is installed, the minimum charge is the service charge.

(b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each kw. of major equipment in excess of 8 kw.

(c) Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1 and prior to November 1.

Note: "Major equipment" includes any device having capacity in excess of 1 kw.

SPECIAL CONDITIONS:

(a) This schedule applies only to single family dwellings and to separately metered flats and apartments where the consumer uses cooking or heating or domestic power appliances (including lamp socket devices) of at least 1 kw. aggregate capacity.

(b) Any apartment house may receive service under this schedule through one meter, provided that each individual apartment included has permanently installed heating or cooking equipment of at least 2 kw. capacity, and further provided that such service is not resold otherwise than in accordance with Rule and Regulation No. 13.

SCHEDULE D-1 (Cont'd)

For this purpose, the first energy block only will be increased and will be made equal to the sum of the first energy blocks separately calculated for the individual apartments included. The rate of 4.5¢ per Kw-h. will be applied to the kilowatt-hours thus determined in the same manner as if they were the consumption of an individual service separately metered.

The minimum charge will be based upon 75% of the total active connected load.

(c) Capacity of all equipment will be based on name plate rating, all equipment assumed as operating at 100 per cent power factor, and a rating in horsepower being converted to kilowatts at one to one.

(d) Single phase power service (5 hp. or less) may be combined under this schedule.

(e) For the purpose of this schedule the number of rooms will be determined upon the customary real estate basis of rating. The tables following are illustrative of rooms to be counted and not to be counted.

<u>(a) To be Counted</u>		<u>Not to be Counted</u>	
Ballroom	Library	Alcove	Hallways
Billiard Room	Living Room	Attic (unfinished)	Laundry
Bedroom	Music Room	Bathroom	Pantry
Conservatory	Nursery (b)	Barn (without living quarters)	Piazza
Den	Observatory	Breakfast Nook	Porch
Dining Room	Office	Butler's Pantry	Portico
Drawing Room	Parlor	Cellar	Reception Room (100 sq. ft. or less)
Dressing Room	Reception Room	Closet	Sleeping Porch
Gymnasium	Servant's Room	Coal Shed	Storage Room
Kitchen	Studio (b)	Dressing Closet	Toilet
Kitchenette	Serving Room	Garage (without living quarters)	

(a) Rooms listed are to be counted whether they are wired or not.

(b) Each 200 watts connected load of yard, barn or other outhouse lighting will be counted as one room. Empty lamp sockets will be rated at 50 watts each.

SCHEDULE D-2GENERAL DOMESTIC COMBINATION SERVICE:

Available, upon application, for domestic lighting in combination with heating, cooking or domestic power service (including lamp socket appliances).

TERRITORY:

Applicable to service within all incorporated limits served by the Company except in San Francisco, Oakland, Berkeley, Piedmont, Emeryville, San Leandro and Albany, and Humboldt Division.

RATE:

Service Charge: per meter per month..... 50¢

Energy Charge (to be added to service charge):

First 30 kwh. per month [#]	4¢ per kwh.
Next 140 kwh. per month.....	3¢ per kwh.
All excess kwh. per month.....	1¢ per kwh.

[#] For residences, flats or individual apartments of more than 6 rooms, 5 kwh. for each additional room will be added to the first block of 30 kwh.

Minimum Charge:

(a) Where no major equipment is installed, the minimum charge is the service charge.

(b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each kw. of major equipment in excess of 8 kw.

(c) Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1 and prior to November 1.

Note: "Major Equipment" includes any device having capacity in excess of 1 kw.

SPECIAL CONDITIONS:

(a) This schedule applies only to single family dwellings and to separately metered flats and apartments where the consumer uses cooking or heating or domestic power appliances (including lamp socket devices) of at least 1 kw. aggregate capacity.

(b) Any apartment house may receive service under this schedule through one meter, provided that each individual apartment included has permanently installed heating or cooking equipment of at least 2 kw. capacity, and further provided that such service is not resold otherwise than in accordance with Rule and Regulation No. 13.

SCHEDULE D-2 (Continued)

SPECIAL CONDITIONS (Continued):

For this purpose, the first energy block only will be increased and will be made equal to the sum of the first energy blocks separately calculated for the individual apartments included. The rate of 4.5¢ per kwh. will be applied to the kilowatt-hours thus determined in the same manner as if they were the consumption of an individual service separately metered.

The minimum charge will be based upon 75% of the total active connected load.

(c) Capacity of all equipment will be based on name plate rating, all equipment assumed as operating at 100 per cent power factor, and a rating in horsepower being converted to kilowatts at one to one.

(d) Single phase power service (5 hp. or less) may be combined under this schedule.

(e) For the purpose of this schedule the number of rooms will be determined upon the customary real estate basis of rating. The tables following are illustrative of rooms to be counted and not to be counted.

<u>(a) To be Counted</u>		<u>Not to be Counted</u>	
Ballroom	Library	Alcove	Hallways
Billiard Room	Living Room	Attic (unfinished)	Laundry
Bedroom	Music Room	Bathroom	Pantry
Conservatory	Nursery	(b) Barn (without living quarters)	Piazza
Den	Observatory	Breakfast Nook	Porch
Dining Room	Office	Butler's Pantry	Portico
Drawing Room	Parlor	Cellar	Reception Room (100 sq.ft. or less)
Dressing Room	Reception Room	Closet	Sleeping Porch
Gymnasium	Servant's Room	(b) Coal Shed	Storage Room
Kitchen	Studio	Dressing Closet	Toilet
Kitchenette	Serving Room	(b) Garage (without living quarters)	

(a) Rooms listed are to be counted whether they are wired or not.

(b) Each 200 watts connected load of yard, barn or other outhouse lighting will be counted as one room. Empty lamp sockets will be rated at 50 watts each.

SCHEDULE D-3GENERAL DOMESTIC COMBINATION SERVICE:

Available, upon application, for domestic lighting in combination with heating, cooking or domestic power service (including lamp socket appliances).

TERRITORY:

Applicable to service in entire territory served by the Company outside of incorporated limits except in the Humboldt Division.

RATE:

Service Charge: per meter per month..... 70¢

Energy Charge (to be added to service charge):

First 30 Kw-h. per month #	5¢ per Kw-h.
Next 140 Kw-h. per month	3¢ per Kw-h.
All excess Kw-h. per month	1¢ per Kw-h.

For residences, flats, or individual apartments of more than 6 rooms, 5 Kw-h. for each additional room will be added to the first block of 30 Kw-h.

Minimum Charge:

(a) Where no major equipment is installed, the minimum charge is the service charge.

(b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each Kw. of major equipment in excess of 8 Kw.

(c) Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1 and prior to November 1.

NOTE: "Major Equipment" includes any device having capacity in excess of 1 Kw.

SPECIAL CONDITIONS:

(a) This schedule applies only to single family dwellings and to separately metered flats and apartments where the consumer uses cooking or heating or domestic power appliances (including lamp socket devices) of at least 1 Kw. aggregate capacity.

(b) Any apartment house may receive service under this schedule through one meter, provided that each individual apartment included has permanently installed heating or cooking equipment of at least 2 Kw. capacity, and further provided that such service is not resold otherwise than in accordance with Rule and Regulation No. 13.

SCHEDULE D-3 (Cont'd)SPECIAL CONDITIONS (Cont'd):

For this purpose, the first energy block only will be increased and will be made equal to the sum of the first energy blocks separately calculated for the individual apartments included. The rate of 5.5¢ per Kw-h. will be applied to the kilowatt-hours thus determined in the same manner as if they were the consumption of an individual service separately metered.

The minimum charge will be based upon 75% of the total active connected load.

(c) Capacity of all equipment will be based on name plate rating, all equipment assumed as operating at 100 per cent power factor, and a rating in horsepower being converted to kilowatts at one to one.

(d) Single phase power service (5 hp. or less) may be combined under this schedule.

(e) For summer cottage consumers this schedule is applicable only on annual contract.

(f) For the purpose of this schedule the number of rooms will be determined upon the customary real estate basis of rating. The tables following are illustrative of rooms to be counted and not to be counted.

<u>(a) To be Counted</u>		<u>Not to be Counted</u>	
Ballroom	Library	Alcove	Hallways
Billiard Room	Living Room	Attic(Unfinished)	Laundry
Bedroom	Music Room	Bathroom	Pantry
Conservatory	Nursery	(b) Barn(without living quarters)	Piazza
Den	Observatory	Breakfast Nook	Porch
Dining Room	Office	Butler's Pantry	Portico
Drawing Room	Parlor	Cellar	Reception Room
Dressing Room	Reception Room	Closet	(100sq.ft.or less)
Gymnasium	Servant's Room	(b) Coal Shed	Sleeping Porch
Kitchen	Studio	Dressing Closet	Storage Room
Kitchenette	Serving Room	(b) Garage(without living quarters)	Toilet

(a) Rooms listed are to be counted whether they are wired or not.

(b) Each 200 watts connected load of yard, barn or other outhouse lighting will be counted as one room. Empty lamp sockets will be rated at 50 watts each.

SCHEDULE D-11GENERAL DOMESTIC COMBINATION SERVICE:

Available, upon application, for domestic lighting in combination with heating, cooking or domestic power service (including lamp socket appliances).

TERRITORY:

Applicable to service within all incorporated limits served by the Company in the Humboldt Division.

RATE:

Service Charge: Per meter month..... 60¢

Energy Charge (to be added to service charge):

First	30 Kw-h. per month #.....	5¢	per Kw-h.
Next	140 Kw-h. per month	3¢	per Kw-h.
All excess	Kw-h. per month	2¢	per Kw-h.

#For residences, flats, or individual apartments of more than 6 rooms, 5 Kw-h. for each additional room will be added to the first block of 30 Kw-h.

Minimum Charge:

(a) Where no major equipment is installed, the minimum charge is the service charge.

(b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each Kw. or major equipment in excess of 8 Kw.

(c) Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1st and prior to November 1st.

Note: "Major Equipment" includes any device having capacity in excess of 1 Kw.

SPECIAL CONDITIONS:

(a) This schedule applies only to single family dwellings and to separately metered flats and apartments where the consumer uses cooking or heating or domestic power appliances (including lamp socket devices) of at least 1 Kw. aggregate capacity.

(b) Any apartment house may receive service under this schedule through one meter, provided that each individual apartment included has permanently installed heating or cooking equipment of at least 2 Kw. capacity, and further provided that such service is not resold otherwise than in accordance with Rule and Regulation No. 13.

For this purpose, the first energy block only will be increased and will be made equal to the sum of the first energy blocks separately calculated for the individual apartments included.

SCHEDULE D-11 (Continued)

SPECIAL CONDITIONS: (Continued)

The rate of 5¢ per Kw-h. will be applied to the kilowatt-hours thus determined in the same manner as if they were the consumption of an individual service separately metered.

The minimum charge will be based upon 75% of the total active connected load.

(c) Capacity of all equipment will be based on name plate rating, all equipment assumed as operating at 100% power factor, and a rating in horsepower being converted to kilowatts at one to one.

(d) Single phase power service (5 H.P. or less) may be combined under this schedule.

(e) For the purpose of this schedule the number of rooms will be determined upon the customary real estate basis of rating. The tables following are illustrative of rooms to be counted and not to be counted.

	(a) To be Counted		Not to be Counted
Ballroom	Library	Alcove	Hallways
Billiard Room	Living Room	Attic (unfinished)	Laundry
Bedroom	Music Room	Bathroom	Pantry
Conservatory	Nursery	(b) Barn (without	Piazza
Den	Observatory	living quarters)	Porch
Dining Room	Office	Breakfast Nook	Portico
Drawing Room	Parlor	Butler's Pantry	Reception
Dressing Room	Reception Room	Cellar	Room (100
Gymnasium	Servant's Room	Closet	sq.ft.of
Kitchen	Studio	(b) Coal Shed	less)
Kitchenette	Serving Room	Dressing Closet	Sleeping
		(b) Garage (without	Porch
		living quarters)	Storage Room
			Toilet

(a) Rooms listed are to be counted whether they are wired or not.

(b) Each 200 watts connected load of yard, barn or other outhouse lighting will be counted as one room. Empty lamp sockets will be rated at 50 watts each.

SCHEDULE D-12GENERAL DOMESTIC COMBINATION SERVICE:

Available, upon application, for domestic lighting in combination with heating, cooking or domestic power service (including lamp socket appliances).

TERRITORY:

Applicable to service in entire territory served by the Company in the Humboldt Division outside of incorporated limits.

RATE:

Service Charge: Per meter per month.....80¢

Energy Charge (to be added to service charge):

First 30 Kw-h. per month #	6¢ per Kw-h.
Next 140 Kw-h. per month	3½¢ per Kw-h.
All excess Kw-h. per month	2¢ per Kw-h.

For residences, flats, or individual apartments of more than 6 rooms, 5 Kw-h. for each additional room will be added to the first block of 30 Kw-h.

Minimum Charge:

(a) Where no major equipment is installed, the minimum charge is the service charge.

(b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each kw. of major equipment in excess of 8 kw.

(c) Space heating appliances shall not be considered as active connected load in computing bills on meter readings subsequent to May 1 and prior to November 1.

NOTE: "Major Equipment" includes any device having capacity in excess of 1 kw.

SPECIAL CONDITIONS:

(a) This schedule applies only to single family dwellings and to separately metered flats and apartments where the consumer uses cooking or heating or domestic power appliances (including lamp socket devices) of at least 1 kw. aggregate capacity.

(b) Any apartment house may receive service under this schedule through one meter, provided that each individual apartment included has permanently installed heating or cooking equipment of at least 2 kw. capacity, and further provided that such service is not resold otherwise than in accordance with Rule and Regulation No. 13.

For this purpose, the first energy block only will

SCHEDULE D-12 (Continued)SPECIAL CONDITIONS (b) (Continued):

be increased and will be made equal to the sum of the first energy blocks separately calculated for the individual apartments included. The rate of 6¢ per Kw-h. will be applied to the kilowatt-hours thus determined in the same manner as if they were the consumption of an individual service separately metered.

The minimum charge will be based upon 75% of the total active connected load.

(c) Capacity of all equipment will be based on name plate rating, all equipment assumed as operating at 100 per cent power factor, and a rating in horsepower being converted to kilowatts at one to one.

(d) Single phase power service (5 h.p. or less) may be combined under this schedule.

(e) For the purpose of this schedule the number of rooms will be determined upon the customary real estate basis of rating. The tables following are illustrative of rooms to be counted and not to be counted.

<u>(a) To be Counted</u>		<u>Not to be Counted</u>	
Ballroom	Library	Alcove	Hallways
Billiard Room	Living Room	Attic (unfinished)	Laundry
Bedroom	Music Room	Bathroom	Pantry
Conservatory	Nursery	(b) Barn (without living quarters)	Piazza
Den	Observatory	Breakfast Nook	Porch
Dining Room	Office	Butler's Pantry	Portico
Drawing Room	Parlor	Cellar	Reception Room (100 sq. ft. or less)
Dressing Room	Reception Room	Closet	Sleeping Porch
Gymnasium	Servant's Room	(b) Coal Shed	Storage Room
Kitchen	Studio	Dressing Closet	Toilet
Kitchenette	Serving Room	(b) Garage (without living quarters)	

(a) Rooms listed are to be counted whether they are wired or not.

(b) Each 200 watts connected load of yard, barn or other outhouse lighting will be counted as one room. Empty lamp sockets will be rated at 50 watts each.

SCHEDULE P-1

GENERAL POWER SERVICE:

Applicable to general commercial and industrial power service and to commercial heating and cooking service and rectifier service. Alternating current service will be supplied at any standard voltage from 110 to 2200 volts in accordance with Rule and Regulation No. 2 (b). D.C. service may be obtained when available at the voltage as available. Schedule P-2 is optional with this schedule for alternating current service. Schedule C-1 is optional with this schedule for commercial heating and cooking service.

TERRITORY:

Applicable to entire territory served excepting Humboldt Division.

RATE:

A. C. Service:

Hp. of Connected Load	Rate per Kw-h. for Monthly Consumption of			
	First 50 Kw-h. per hp.	Next 50 Kw-h. per hp.	Next 150 Kw-h. per hp.	All over 250 Kw-h. per hp.
2-9 Hp.	3.9¢	2.1¢	1.2¢	.9¢
10-24 Hp.	3.4	2.0	1.1	.9
25-49 Hp.	2.9	1.9	1.0	.8
50-99 Hp.	2.5	1.7	1.0	.75
100-249 Hp.	2.2	1.5	.9	.7
250-499 Hp.	2.0	1.3	.8	.65
500-999 Hp.	1.9	1.2	.8	.6
1000-2499 Hp.	1.8	1.1	.8	.6
2500 and Over	1.7	1.0	.8	.6

Minimum Charge:

First 50 Hp. of connected load, \$1.00 per Hp. per month, but in no case less than \$2.00 per month.

All over 50 Hp. of connected load, 65¢ per Hp. per month.

When the primary use of power is seasonal, or intermittent, the minimum charge may at the option of the consumer be made accumulative over a 12-month period.

Direct Current Service:

D. C. service when furnished will be rendered under the above rates and minimum charges increased by 15 per cent. D. C. service will be furnished at new locations subsequent to June 1, 1930, only with the approval of the Railroad Commission.

SPECIAL CONDITIONS:

(a) Voltage:

This schedule of rates will apply to service rendered at any standard voltage in accordance with the Rules and Regulations of the Company. All necessary transformers to obtain such voltage

SCHEDULE P-1 (Cont'd)

SPECIAL CONDITIONS (Cont'd):

will be supplied, owned and maintained by the Company.

(b) Measured Maximum Demand:

Consumers may have rates and minimum charges based on measured maximum demand, in which case the horsepower of demand upon which rates and minimum charges will be based will not be less than 40 per cent of the connected load, and the minimum charge will not be less than \$50.00 per month.

The maximum demand in any month will be the average horsepower input (746 watts equivalent) occurring in the 15-minute interval in which the consumption of electric energy is greater than in any other 15-minute interval in the month for installations of 750 horsepower or less, and a 30-minute interval for installations of larger size; such average input to be measured by indicating or recording instruments supplied and maintained by the company or by test at the option of the Company.

In the case of hoists, elevators, welding machines, furnaces and other installations where the energy demand is intermittent or subject to violent fluctuations, the Company may base the consumer's maximum demand upon a five-minute interval instead of a 15 or 30-minute interval.

Demand for installations in excess of 750 Hp. of connected load occurring between the hours of 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and legal holidays will not be considered in computing charges under this schedule.

Demands for installations in excess of 400 Hp. of connected load occurring between the hours of 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and legal holidays will not be considered in computing charges under this schedule, provided the consumer supplies the necessary transformer equipment, without cost to the Company, and takes delivery at the available primary voltage.

(c) Optional Rate for Larger Installations:

Any consumer may obtain the rates and conditions of service for a larger installation by guaranteeing the rates and minimum charges applicable to the larger installation.

(d) Rectifier, Heating and Cooking Service:

Mercury arc rectifiers and commercial heating and cooking installations may obtain service under this schedule. For the purpose of determining rates and minimum charges, each kilowatt of connected load will be considered as equivalent to one horsepower. Connected load will be taken as the name plate rating of all heating and cooking apparatus permanently connected and which may be

SCHEDULE P-1 (Cont'd)SPECIAL CONDITIONS (Cont'd):

connected at any one time, computed to the nearest one-tenth of a kilowatt, and in no case less than 2 kilowatts. All equipment assumed as operating at 100% power factor.

(e) Power Factor Clause:

Where consumers have total connected load of 500 Hp. or more charges for energy shall be adjusted for weighted monthly average power factor, in accordance with the following: If the power factor exceeds 80% lagging, or is leading, bills shall be reduced by .3% for each 1% of such excess up to 90% power factor inclusive and by .2% for each 1% of such excess over 90% power factor, provided that maximum reduction shall not exceed 5%. If power factor is less than 85%, bills shall be increased by .5% for each 1% of such deficiency in power factor provided that maximum increase shall not exceed 5%. For this purpose power factor shall be computed to nearest even one per cent, provided, however, that in no case shall total charge be less than the minimum charge.

(f) Incidental Lighting:

Lighting incidental to power will be permitted under this schedule for industrial plants only where the connected load in power apparatus (exclusive of lighting) is 50 Hp. or over.

Electric energy supplied for incidental lighting will be delivered through the power meter and at the voltage supplied for the power load. The incidental lighting load so supplied shall be balanced (as nearly as is practicable) between phases and in a manner satisfactory to the company. Incidental lighting loads less than 10 Kw. need not be balanced between phases unless the consumer so elects.

In computing the energy blocks and/or minimum charges, twice the connected load in lighting shall be added to the connected load in power in order to determine the basis upon which said computations shall be made. In all cases where service is regularly rendered for power usage through a maximum demand meter, said demand meter shall be so connected as to measure maximum demand of the combined lighting and power loads and to this demand shall be added the connected load in lighting as a basis for computing the energy blocks and/or minimum charges.

Incidental lighting load in excess of 20% of the connected power load will not be permitted under this schedule to consumers taken on after March 1st, 1930. Empty lamp sockets will be rated at 100 watts.

SCHEDULE P-2

INTERMITTENT SERVICE:

Optional with Schedule P-1 except for direct current service and suitable for intermittent or seasonal use of energy.

TERRITORY:

Applicable to entire territory served excepting the Humboldt Division.

RATE:

Demand Charge

First 10 h.p. of connected load.....\$5.00 per h.p.per year
All over 10 h.p. of connected load..... 3.50 per h.p.per year

Energy Charge

The energy charges are the rates without the minimum charges as set forth under Schedule P-1.

SPECIAL CONDITIONS:

(A) Total Charge

The total charge is the sum of the demand and energy charges stated above.

(B) Payment of Demand Charge

The demand charge is payable in five equal installments during the first five months after the date service is first rendered. The consumers may select, if satisfactory to the Company, other months in which to pay the demand charges.

(C) Adjustment of Bills

At the end of each year's service period a consumer operating under this schedule and whose total charges for service for the past year would have amounted to less under Schedule P-1 will have the charges for this service adjusted to the lower charges.

SCHEDULE P-3

AGRICULTURAL POWER SERVICE:

Applicable to general agricultural and reclamation service, including pumping, feed choppers, milking machines, heating for incubators, brooders, poultry house lighting and general farm use, but excluding cooking and general lighting service.

TERRITORY:

Applicable to entire territory served except Humboldt Division.

RATE:

<u>Size of Installation</u>	<u>Annual Service Charge Per Hp.</u>	<u>Energy Charge in addition to the Service Charge</u> <u>Rate per Kw-h. for Consumptions per Hp. per hour of</u>		
		<u>First 1000 Kw-h.</u>	<u>Next 1000 Kw-h.</u>	<u>All over 2000 Kw-h.</u>
2-4 Hp.	\$6.50*	1.6¢	.8¢	.7¢
5-14 Hp.	5.50	1.4	.8	.7
15-49 Hp.	5.00	1.2	.8	.7
50-99 Hp.	4.50	1.1	.8	.7
100-249 Hp.	3.90	1.1	.8	.7
250-499 Hp.	3.75	1.05	.8	.7
500-999 Hp.	3.60	1.00	.8	.7
1000-2499 Hp.	3.30	1.00	.8	.7
2500 Hp. and over	3.00	1.00	.8	.7

*In no case will the total annual service charge be less than \$13.00 for single phase service, nor less than \$19.50 for three phase service.

SPECIAL CONDITIONS:

(a) Agricultural Year:

Meters on all agricultural services will be read by the Company between April 1st and April 10th of each year and the above rates will apply to the yearly periods between such successive readings.

(b) Payment of Service Charges:

Service Charges will be payable in six equal monthly installments beginning with the bill based on the regular May meter reading.

(c) Guaranteeing Rates for Larger Size Installation:

Any consumer may obtain the rate for a larger installation by guaranteeing the rates and service charge for that larger installation.

SCHEDULE P-3 (Cont'd)

SPECIAL CONDITIONS (Cont'd):

(d) Voltage:

When the Company installs, owns and maintains the transformers the above rates apply to service rendered at 110, 220 or 440 volts under provisions of Rule and Regulation No.2, at the option of the consumer and the energy will be metered on the secondary (low) side of the transformer.

When the consumer owns the transformers, service will be rendered at the distribution line voltage available and the service will be measured on the primary (high) side of the transformer.

(e) Credit for Ownership of Transformer by Consumer:

Consumers operating installations having a connected load of 50 Hp. or over and owning the transformers supplying such installations 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.
100-249 Hp. ....	.90 per Hp.
250-499 Hp. ....	.80 per Hp.
500-999 Hp. ....	.70 per Hp.
1000-2499 Hp. ....	.60 per Hp.
2500 Hp. and over .....	.50 per Hp.

(f) Contracts:

The Company may require a contract for service under this schedule for a period not to exceed three years when service is first rendered and thereafter from year to year.

(g) The service charge will be based on the largest load that may be connected at any one time. For the purpose of calculating service charge one kilowatt of lighting or heating load will be rated at one horsepower.

(h) Consumers permanently increasing or decreasing their connected load will have their bills adjusted as provided in Special Condition (i) following, original load being considered as discontinuing service and the increased or decreased load as commencing service.

(i) Service commenced or discontinued during the Agricultural Year:

The following adjustments apply only in the case of service first begun or permanently discontinued and will not be made when installations shut down for a few months.

For a fractional agricultural year the rate will be modified as follows:

SCHEDULE P-3 (Cont'd)SPECIAL CONDITIONS (Cont'd):

The service charge will apply to service taken between April 1st and September 30th at the rate of one-sixth of the annual charge per month.

The size of the blocks of energy charge will be multiplied by the factor in the following table corresponding to the month during which service is begun or discontinued:

<u>Month in which service commences or is discontinued</u>	<u>Factor</u>	
	<u>New Service</u>	<u>Discontinued Service</u>
April	1.0	.1
May .....	.9	.1
June .....	.8	.2
July .....	.7	.3
August .....	.6	.4
September .....	.5	.5
October .....	.4	.6
November .....	.3	.7
December .....	.2	.8
January .....	.1	.9
February .....	.1	.9
March .....	.1	1.0

SCHEDULE P-4

RECLAMATION POWER SERVICE:

Applicable to general reclamation service. This rate for reclamation service is optional with Schedule P-3.

TERRITORY:

Applicable to entire territory served except Humboldt Division.

RATE (A):

Rates applicable to that portion not less than 30 per cent of the connected load operated.

Size of Total Installation	Annual Demand Charge per h.p.		Energy Charge in Addition to the Demand Charge			
	Company owns	Consumer owns	Rate per Kw-h for Consumptions			
	Trans-formers	Trans-formers	per h.p.	per yr. of		
			First 1000 Kw-h.	Next 1000 Kw-h.	Next 1000 Kw-h.	All over 3000 Kw-h.
50-99 HP	\$4.50	\$3.50	1.1¢	.9¢	.75¢	.7¢
100-249 HP	3.90	3.00	1.1	.9	.75	.7
250-499 HP	3.75	2.95	1.05	.85	.75	.7
500-999 HP	3.60	2.90	1.00	.85	.75	.7
1000-2499 HP	3.30	2.70	1.00	.85	.75	.7
2500 HP and over	3.00	2.50	1.00	.85	.75	.7

RATE (B):

Rates applicable to that portion not exceeding 70 per cent of the connected load held only as a standby, but not actually operated.

Annual Demand Charge per h.p.

Size of Total Installation	Company owns Transformers	Consumer owns Transformers
50-99 HP	\$1.80	\$.80
100-249 HP	1.70	.80
250-499 HP	1.60	.80
500-999 HP	1.50	.80
1000-2499 HP	1.40	.80
2500-HP and over	1.30	.80

If this additional installation is operated and any energy used, then the full demand and energy rates of Rate(A) will apply to this load for the 12 months' period ending on the following December 31st.

SCHEDULE P-4 (Continued)

Rate (A) will apply to not less than 30 per cent of the connected load and Rate (B) to not more than 70 per cent of the connected load.

SPECIAL CONDITIONS:(a) Demand Charges:

The demand charges of Rates (A) and (B) are due and payable in 12 equal monthly installments during the year from January 1st to December 31st of the same year.

(b) Energy Charges:

The energy rates of Rate (A) shall apply to service rendered on and after January 1st of any year and before December 31st of the same year.

(c) Service Commencing (or Discontinued) after January 1st:

Any consumer whose service begins (or discontinued) at a later date than January 1st of any year will be billed in accordance with the above rates modified as follows:

(1) Demand Charge:

The demand charges of Rates (A) and (B) are applicable only during that period from date service is first taken to December 31st of the same year at the rate of one-twelfth of the annual demand charge per month.

(2) The sizes of the energy blocks of the Rate (A) are to be determined by multiplying the sizes of the blocks given in the Rate (A) by the following factor according to the month in which service commences or is discontinued.

<u>Month in which service commences or is discontinued</u>	<u>FACTOR</u>	
	<u>New Service</u>	<u>Discontinued Service</u>
January.....	1.0	.1
February.....	.9	.2
March.....	.8	.3
April.....	.7	.4
May.....	.6	.5
June.....	.5	.6
July.....	.4	.7
August.....	.3	.8
September.....	.2	.9
October.....	.1	1.0
November.....	.1	1.0
December.....	.1	1.0

(d) Season:

Meters on agricultural and reclamation service operating

SCHEDULE P-4 (Continued)

under this schedule will be read by the Company between January 1st and January 10th of each year, and the above rates will apply for the year for service rendered after that date.

(e) Date of First Payment of Demand Charge:

The first payment of the annual demand charge will be due and payable upon presentation of the bill for service rendered based on regular meter readings taken on and after February 1st.

(f) Increase or Decrease of Load:

Consumers permanently increasing or decreasing their connected load will have their rates for the increased or decreased load adjusted in accordance with Special Condition (c). Discontinued service is limited to installations permanently quitting and does not apply to installations shutting down for a few months or for the balance of the season at the end of which time service will again be desired.

(g) Guaranteeing Rates for Larger Size Installations:

Any consumer may obtain the rate for a larger installation by guaranteeing the rate and demand charge of that larger installation.

(h) Voltage:

When the Company installs, owns and maintains the transformers, the above rates apply to service rendered at 110, 220 or 440 volts under the provisions of Rule and Regulation No. 2 at the option of the consumer.

When the consumer owns the transformers, service will be rendered at the distribution line voltage available.

(i) Measurement of Service:

When the Company owns the transformers the energy will be measured on the secondary (low) side of the transformers.

When the consumer owns the transformer the energy will be measured on the primary (high) side of the transformers.

The unit energy rates as given above in Rate (A) apply whether the Company or consumer owns the transformers.

(j) Disconnecting Switch:

The above rates contemplate that the service will be disconnected from the main line by the consumer during periods when the installation is not in operation provided the Company installs a suitable disconnecting switch on the primary (high) side of the transformer for such purpose.

Such a disconnecting switch will be owned, maintained and properly installed by the Company together with necessary means and protection for its operation.

SCHEDULE P-4 (Continued)(k) Contracts:

The Company may require a contract for service under this schedule for a period not to exceed three years when service is first rendered or when the connected load as defined hereafter is increased and from year to year after the expiration of such initial contract.

(l) Connected Load:

The term "connected load" as used in this schedule means the maximum load that may be connected to the Company's lines at any one time. The total name plate rating of all motors installed will be used, unless the arrangement of wiring, piping, shafting or conditions of operation are such as to show that all motors cannot be operated simultaneously under load, in which case the maximum load capable of simultaneous operation will be used.

SCHEDULE P-5PRIMARY INDUSTRIAL POWER SERVICE:

Applicable to general power supplied at a standard voltage of 2200 volts or over.

TERRITORY:

Applicable to entire territory served excepting Humboldt Division.

RATE (A):Service at 2200 Volts up to and including 25,000 VoltsDemand Charge

First	200 kw. or less of maximum demand.....	\$300 per month
Next	300 kw. of maximum demand....	\$1.00 per kw. per month
Next	500 kw. of maximum demand...	.75 per kw. per month
	All over 1000 kw. of maximum demand..	.60 per kw. per month

Energy Charge (to be added to the Demand Charge)

First	150 kwh. per kw. per month.....	.8¢ per kwh.
Next	150 kwh. per kw. per month.....	.6¢ per kwh.
	All over 300 kwh. per kw. per month.....	.5¢ per kwh.

RATE (B):Service at line voltages in excess of 25,000 volts

The rate is the same as that set forth under Rate (A) above with the demand charge decreased by 15 per cent and the energy charge decreased by 3 per cent.

SPECIAL CONDITIONS:(a) Voltage:

Service under Rate (A) will be supplied by the Company at standard voltages of 2200 volts or more up to and including 25,000 volts, as requested by the consumer.

Service under Rate (B) will be supplied by the Company at standard line voltages above 25,000 volts as available.

(b) Demand:

The maximum demand in any month will be the average kilowatt delivery of the thirty minute interval in which the consumption of electric energy is greater than in any other thirty minute interval in the month. The maximum demand on which the demand charge and energy block will be based will not be less than 50 per cent of the greatest maximum demand occurring during the eleven preceding months.

Demands occurring between the hours of 10:30 P.M. and 6:30 A.M. of the following day and on Sundays and legal holidays will not be considered in computing charges under this schedule.

SCHEDULE P-5 (Cont'd)

(c) All voltages referred to in this schedule are nominal voltages.

(d) Power Factor Clause:

Where consumers have total connected load of 500 Hp. or more, demand and energy charges shall be adjusted for weighted monthly average power factor, in accordance with the following. If the power factor exceeds 80% lagging, or is leading, bills shall be reduced by .3% for each 1% of such excess up to 90% power factor, inclusive, and by .2% for each 1% of such excess over 90% power factor, provided that maximum reduction shall not exceed 5%. If power factor is less than 65%, bills shall be increased by .5% for each 1% of such deficiency in power factor, provided that maximum increase shall not exceed 5%. For this purpose, power factor shall be computed to nearest even one per cent, provided, however, that in no case shall total charge be less than \$300.

SCHEDULE P-6RESALE POWER SERVICE:

Applicable to electric service to other electric utilities and to municipalities for distribution and resale. Service to be supplied at standard voltages of 2200 volts or over.

TERRITORY:

Applicable to entire territory served excepting Eumboldt and Coast Valleys Divisions and the territory supplied by the former California Telephone and Light Company.

RATE (A):

Service at 2200 volts up to and including lines of 25,000 volts.

(1) Demand Charge:

First	50 Kw. or less of maximum demand,.....	\$90.00 per mo.
Next	150 Kw. of maximum demand,.....	1.50 per Kw.
Next	300 Kw. of Maximum demand,.....	1.00 per Kw.
Next	500 Kw. of maximum demand,.....	.75 per Kw.
All over 1000 Kw. of maximum demand,.....		.60 per Kw.

plus

(2) Energy Charge (to be added to the demand charge)

First	150 Kw-h. per Kw. per month,.....	.80 per Kw-h.
Next	250 Kw-h. per Kw. per month,.....	.60 per Kw-h.
All over 400 Kw-h. per Kw. per month,.....		.55 per Kw-h.

RATE (B):

Service at line voltages in excess of 25,000 volts.

(1) The rate is the same as that set forth under (A) above with the demand charge decreased by 15 per cent and the energy charge by 3 per cent.

DISCOUNTS:

The above rates (A) and (B) are subject to a special discount allowed to assist in developing rural territory equal to 10 per cent times the ratio of the purchasing companies, Kw-h. sales for service rendered in rural (unincorporated) territory to the total Kw-h. sales. The discount to be applied for any calendar year will be based on the previous year's sales of the resale utility.

SPECIAL CONDITIONS:(a) Optional Rate:

Service to loads of less than 50 Kw. demand may, at the option of the consumer, be billed under Schedule P-1.

(b) Voltage:

Service under Rate (A) will be supplied by the Company at standard voltages of 2200 volts or more up to and including 25 Kv. lines at the consumer's option.

Service under Rate (B) will be supplied by the Company at its standard line voltages as available above 25 Kv.

(c) Demand:

The maximum demand in any month will be the average kilowatt delivery of the thirty minute interval in which the consumption of

SCHEDULE P-6 (Continued)

electric energy is greater than in any other thirty minute interval in the month. The maximum demand on which the demand charge and energy block will be based will not be less than 50 per cent of the greatest maximum demand occurring during the eleven preceding months.

Any demand occurring between the hours of 11:00 P.M. and 6:00 A.M. of the following day will not be considered in computing the charges under this schedule.

(d) Combination of Points of Delivery:

When service is delivered to a system at two or more interconnected points, charges will be based on the maximum simultaneous demand and the blocks of the demand charge will be multiplied by the number of points of delivery. When energy is delivered at voltages both above and below 25,000 volts the discount for high voltage delivery applicable to the total demand charge will be the same proportion of 15 per cent that the difference between the maximum combined simultaneous demand and the maximum simultaneous demand at voltages below 25,000 volts is of the maximum combined simultaneous demand and the discount for high voltage delivery applicable to the total energy charge will be the same proportion of 3 per cent that the energy delivered at voltages in excess of 25,000 volts is of the total energy delivered.

SCHEDULE P-7STAND-BY AUXILIARY SERVICE:

Applicable to stand-by or breakdown service supplied to consumers whose premises are regularly supplied with light or power from a privately owned source of supply; to auxiliary service supplied to consumers who at times take service (by means of a double-throw switch) from another public service company; and to other electric service where the Company must stand ready at all times to supply electricity for light or power, but where the use of electric service is not of a usual, regular or continuous character. The maximum load served under this schedule is 1000 kilowatts.

TERRITORY:

Entire territory served.

MINIMUM CHARGE:

For stand-by or auxiliary service rendered under this schedule the minimum charge per kilowatt of maximum load, either light or power, which the Company agrees to stand ready to supply to the consumer will be:

First	20 Kw. of maximum load.....	\$2.00 per Kw. per mo.
Next	80 Kw. of maximum load.....	1.50 per Kw. per mo.
	All over 100 Kw. of maximum load.....	1.25 per Kw. per mo.

In no case, however, will the minimum charge be less than \$20.00 per month per service.

In case the consumer desires the Company to stand ready to supply the entire connected load of the consumer's plant, or an isolated part thereof, then such maximum load will be estimated by the Company, based on tests and other information available. In case the consumer desires the Company to stand ready to supply a number of kilowatts less than the maximum demand of the entire consumer's plant, or an isolated part thereof, then the consumer shall at his own expense furnish and install a suitable circuit breaker enclosed in a steel box equipped with lock, all to be approved by and under the sole control of the Company and the adjustment and operation of said circuit breaker to be in no way interfered with by the consumer. This circuit breaker shall be set to break the connection with the Company's service in case the consumer's maximum demand shall at any time materially exceed the number of kilowatts which the Company is obligated to stand ready to supply. If said circuit breaker should open, due to excess of consumer's demand above the number of kilowatts agreed on, the Company will renew the connection upon due notice.

This schedule will be used in connection with such other rate schedules applicable to the class of business, if continuously supplied, as the consumer may select. The rate specified herein will, except as provided below, replace the minimum charge specified in such appropriate schedule, but the kilowatt-hour charge, Demand Charge, and all other conditions specified in said rate schedule (except non-applicability to stand-by service) will remain unchanged.

SCHEDULE P-7 (Continued)

Where the rate schedule applicable carries a higher minimum specified herein, the former will be substituted for that provided herein.

Metering and billing for stand-by service will be kept separate and distinct from the metering and billing for regular exclusive service applied at the same location.

This schedule will only apply where the consumer will sign a contract for at least one year.

SCHEDULE P-8SERVICE TO X-RAY APPARATUSTERRITORY:

Entire territory served.

RATE:

Where X-Ray apparatus is separately served it shall be classed as power equipment and service will be rendered in accordance with the rates for general power service applying in the various territories; except that the horsepower (or kilowatt) minimum provision of any such rate shall be modified as provided below.

At the consumer's option, service to X-Ray apparatus may be rendered at the lighting rate, in which case it may be combined (where physically practicable) on the same meter with regular lighting service; provided that the minimum provisions specified below will apply in all cases.

MINIMUM CHARGE:

Where the Company finds it necessary to install any special equipment, other than the customary meter and service, in order to render service to an X-Ray apparatus, the minimum monthly charge shall be \$0.50 per kilowatt of X-Ray capacity, or \$0.50 per kilowatt of special transformer capacity required to serve same.

Where service to an X-Ray apparatus does not require the installation of any special equipment, no horsepower (or kilowatt) minimum shall apply, and only the meter minimum specified in the rate used need be considered; provided that in no case shall the minimum be less than \$0.90 per month per meter.

SCHEDULE P-9RAILWAY SERVICE:

Applicable to energy used for motive power.

TERRITORY:

Applicable to entire territory served, excepting Humboldt and Coast Valleys Division, and the territory supplied by the former California Telephone and Light Company.

RATE:

	<u>Alternating Current</u>	<u>Direct Current</u>
First 300 k.w.h. per month per k.w. of maximum demand.....	0.85¢ per k.w.h.	1.15¢ per k.w.h.
Over 300 k.w.h. per month per k.w. of maximum demand.....	0.75¢ per k.w.h.	1.00¢ per k.w.h.
Monthly minimum charge per k.w. of maximum demand.....	\$1.75	\$2.50

SPECIAL CONDITIONS:(a) Applicability of Schedule:

This schedule applies to direct current at trolley voltage delivered to railway feeders or to alternating current at distribution or transmission line voltage delivered to railway substations and used principally for the propulsion of cars and trains. Energy delivered at such points and voltages may also be used for lighting and power purposes, incidental to railway operations, but energy delivered at separate points for shops, stations, etc., will be billed at the regular rates applicable to such uses. This schedule also applies to service to cable street railways.

(b) Maximum Demand:

"Maximum demand," as used in this schedule, means the average load for the thirty minute interval in which the consumption of energy is greater than in any other thirty minute interval during the month, but demands created on Sundays, legal holidays, after noon on Saturdays, between eleven o'clock any evening and six o'clock the following morning, or as the result of interruptions in the power company's service, will not be considered.

(c) Points of Delivery:

When service is supplied at more than one point of delivery the maximum simultaneous demand will be used, when both alternating and direct current are supplied, the charges for direct current service will be based on the maximum simultaneous direct current demand and the charges for alternating current will be based on the difference between the maximum simultaneous direct current demand and the maximum simultaneous combined direct and alternating current demand.

SCHEDULE P-9 (Continued)(d) Modifications of Rate for Interruption of Service:

The foregoing rates and minimum charges apply to continuous service. The rates and minimum charges applicable in any month will be reduced by one-tenth of one per cent for each minute during which the delivery of energy is suspended by the power company, provided that:

1. Suspension of service for less than ten minutes or between midnight and six A.M., or that has been mutually agreed upon, will not be considered.
2. The resumption of service for less than five minutes will not be considered as terminating an interruption.
3. The maximum reduction in rate on account of interruptions in any one day will be 25 per cent, and on account of interruptions in any one month, 50 per cent.
4. When service delivered at more than one point is interrupted at any one or more points the percentage of reduction in rate computed as though the entire service was interrupted, will be multiplied by the ratio the energy delivered at the points affected bears to the total energy delivered for the month.

SCHEDULE NO.4-EGENERAL POWER SERVICE:

Applicable to general power service and to service to tailor shops, laundries, etc., where electric irons are used commercially.

TERRITORY:

Applicable to all territory served by the Company in Humboldt Division.

RATE:

HP of Connected Load	Rate per kw-h. for Monthly Consumption of			
	First 50 kw-h. per h.p.	Next 50 kw-h. per h.p.	Next 150 kw-h. per h.p.	All Over 250 kw-h. per h. p.
2-9 hp.....	4.4 ¢	2.4¢	1.4¢	1.0¢
10-24 hp.....	3.8	2.3	1.3	1.0
25-49 hp.....	3.3	2.1	1.2	.9
50-99 hp.....	2.9	1.9	1.2	.8
100-249 hp.....	2.6	1.7	1.1	.7
250-499 hp.....	2.4	1.5	.9	.7
500-999 hp.....	2.2	1.4	.9	.7
1000-2499 hp.....	2.1	1.3	.9	.7
2500 and over.....	2.0	1.2	.9	.7

Minimum Charge:

\$1.00 per hp. of connected load per month but not less than \$1.50 per month.

When the primary use of power is seasonal, or intermittent, the minimum charge may at the option of the consumer be made accumulative over a 12-month period.

SPECIAL CONDITIONS:

(a) Voltage: This schedule of rates will apply to service rendered at any standard voltage in accordance with the Rules and Regulations of the Company. All necessary transformers to obtain such voltage will be supplied, owned and maintained by the Company.

(b) Measured Maximum Demand: Consumer may have rates and minimum charges based on measured maximum demand, in which case the horsepower of demand upon which rates and minimum charges will be based will not be less than 50 per cent of the connected load, and the minimum charge will not be less than \$50.00 per month.

The maximum demand in any month will be the average horsepower input (746 watts equivalent) occurring in the 15-minute interval in which the consumption of electric energy is greater than in any other 15-minute interval in the month for installations of 750 horsepower or less, and a 30-minute interval for installations of larger size; such average input to be measured by indicating or recording instruments supplied and maintained by the company or by test at the option of the Company.

SCHEDULE NO. 4-E (Cont'd)SPECIAL CONDITIONS: (Cont'd)(b) Measured Maximum Demand: (Cont'd)

In the case of hoists, elevators, welding machines, furnaces and other installations where the energy demand is intermittent or subject to violent fluctuations, the Company may base the consumer's maximum demand upon a five-minute interval instead of a 15- or 30-minute interval.

Demand for installations in excess of 750 hp. of connected load occurring between the hours of 11:00 P.M. and 6:00 A.M. of the following day will not be considered in computing charges under this schedule.

(c) Optional Rate for Larger Installations: Any consumer may obtain the rates and conditions of service for a larger installation by guaranteeing the rates and minimum charges applicable to the larger installation.

(d) Rectifier, Heating and Cooking Service: Mercury arc rectifiers and commercial heating and cooking installations may obtain service under this schedule. For the purpose of determining rates and minimum charges, each kilowatt of connected load will be considered as equivalent to one horsepower. Connected load will be taken as the name plate rating of all heating and cooking apparatus permanently connected and which may be connected at any one time, computed to the nearest one-tenth of a kilowatt, and in no case less than 2 kilowatts. All equipment assumed as operating at 100 per cent power factor.

(e) Power Factor Clause: Where consumers have total connected load of 500 h.p. or more charges for energy shall be adjusted for weighted monthly average power factor, in accordance with the following. If the power factor exceeds 80% lagging, or is leading, bills shall be reduced by .3% for each 1% of such excess up to 90% power factor inclusive and by .2% for each 1% of such excess over 90% power factor, provided that maximum reduction shall not exceed 5%. If power factor is less than 65%, bills shall be increased by .5% for each 1% of such deficiency in power factor provided that maximum increase shall not exceed 5%. For this purpose power factor shall be computed to nearest even one per cent, provided however that in no case shall total charge be less than the minimum charge.

(f) Incidental Lighting: Lighting incidental to power will be permitted under this schedule for industrial plants only, where the connected load in power apparatus (exclusive of lighting) is 50 h.p. or over.

Electric energy supplied for incidental lighting will be delivered through the power meter and at the voltage supplied for the power load. The incidental lighting load so supplied shall be balanced (as nearly as is practicable) between phases and in a manner satisfactory to the Company. Incidental lighting loads less than 10 kw. need not be balanced between phases unless the consumer so elects.

SCHEDULE NO. 4-E (Continued)

In computing the energy blocks and/or minimum charges, twice the connected load in lighting shall be added to the connected load in power in order to determine the basis upon which said computations shall be made. In all cases where service is regularly rendered for power usage through a maximum demand meter, said demand meter shall be so connected as to measure maximum demand of the combined lighting and power loads and to this demand shall be added the connected load in lighting as a basis for computing the energy blocks and/or minimum charges.

Incidental lighting load in excess of 20% of the connected power load will not be permitted under this schedule to consumers taken on after March 1, 1930. Empty lamp sockets will be rated at 100 watts.

SCHEDULE NO. 10-ERAILWAY POWER SERVICE:

Applicable to energy used for motive power.

TERRITORY:

Applicable to service supplied by the Company in the Humboldt Division.

RATE:

1.35¢ per kwh.

MINIMUM CHARGE:

\$125.00 per month.

SPECIAL CONDITIONS:

Service will be A. C. 11,000 volts, metered on the input (high) side of transformers.

SCHEDULE NO. 13-E

AGRICULTURAL POWER SERVICE:

Applicable to general agricultural and reclamation service, including pumping, feed choppers, milking machines, heating for incubators, brooders, poultry house lighting and general farm use, but excluding cooking and general lighting service.

TERRITORY:

Applicable to service supplied by the Company in the Humboldt Division.

RATE:

Size of Installation	Annual Service Charge per hp.	Energy Charge in addition to the Service Charge Rate per Kw-h. for Consumptions per year of		
		First 1000 Kw-h.	Next 1000 Kw-h.	All over 2000 Kw-h.
2-4 hp.	\$6.60*	1.6¢	.8¢	.7¢
5-14 hp.	6.00	1.4	.8	.7
15-49 hp.	5.40	1.2	.8	.7
50-99 hp.	4.50	1.1	.8	.7
100-249 hp.	3.90	1.1	.8	.7
250-499 hp.	3.75	1.05	.8	.7
500-999 hp.	3.60	1.00	.8	.7
1000-2499hp.	3.30	1.00	.8	.7
2500 hp. and over	3.00	1.00	.8	.7

* = In no case will the total annual service charge be less than \$13.20 for single phase service, nor less than \$19.80 for three phase service.

SPECIAL CONDITIONS:

(a) Agricultural Year:

The above rates will apply to service supplied during each calendar year.

(b) Payment of Service Charges:

Service Charges will be payable in six equal monthly installments beginning with the bill based on the regular May meter reading.

(c) Guaranteeing Rates for Larger Size Installation:

Any consumer may obtain the rate for a larger installation by guaranteeing the rates and service charge of that larger installation.

SCHEDULE NO. 13-E (Continued)

(d) Contracts:

The Company may require a contract for service under this schedule for a period not to exceed three years when service is first rendered and thereafter from year to year.

(e) Consumers permanently increasing or decreasing their connected load will have their bills adjusted as provided in Special Condition (f) following, original load being considered as discontinuing service and the increased or decreased load as commencing service.

(f) Service commenced or discontinued during the Agricultural Year:

The following adjustments apply only in the case of service first begun or permanently discontinued and will not be made when installations shut down for a few months.

For a fractional agricultural year the rate will be modified as follows:

The service charge will apply to service taken between April 1 and September 30 at the rate of one-sixth of the annual charge per month.

The size of the blocks of energy charge will be multiplied by the factor in the following table corresponding to the month during which service is begun or discontinued:

<u>Month in which service commences or is discontinued</u>	<u>Factor</u>	
	<u>New Service</u>	<u>Discontinued Service</u>
January.....	1.0	.1
February.....	1.0	.1
March.....	1.0	.1
April.....	.9	.2
May.....	.8	.3
June.....	.7	.4
July.....	.6	.5
August.....	.5	.6
September.....	.4	.7
October.....	.3	.8
November.....	.2	.9
December.....	.1	1.0