

Decision No. 41738

ORIGINAL

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

APPLICATION OF CALIFORNIA
ELECTRIC POWER COMPANY FOR
AN INCREASE OF RATES.

Application No. 28791

Douglas L. King and Henry W. Coil for Applicant;
J. J. Deuel and Edson Abel, by Mr. Deuel, for
California Farm Bureau Federation; Miguel Estudillo,
G. Albert Mills, Walter C. Davison, Frederick L. Wing,
Raymond Tredeau and W. L. Grayson, for City of Riverside;
Paul M. Sapp, for Public Housing Administration; Pierce J.
Deasy, for Navy Department and Marine Corps; Captain
H. L. Mathews, for Inyokern Naval Ordnance Test Station;
Robert N. Berlin, Mayor and City Attorney for City of
Banning; David E. Wynne, for Post Engineer Captain Walter
P. Edwards, Mira Loma Quartermaster Depot; Clyde Tatum,
for Tatum Produce Company; O'Melveny & Myers, by Lauren M.
Wright, for Riverside Cement Company; Overton, Lyman,
Plumb, Prince & Vermille, by Wayne H. Knight and Donald H.
Ford, for Southwestern Portland Cement Company; Crossland
& Crossland, by Robert S. Crossland, and Roy L. Davis, for
Blythe Ice Company; Charles S. Austin, for Citizens League
of Victorville; A. D. Goodman, for Yucca Valley Chamber
of Commerce; Kenneth Lichly, for Consumers in Indio
District; A. L. Bodine, for Los Angeles Brick and Clay
Products Company; Paul B. Wilson, City Attorney, for City
of Redlands; C. W. Schedler for West End Chemical Company;
✓ Stanley Furman for the Public Housing Administration;
David N. M. Berk for Frederic S. Wing, City Attorney of
Banning; Pierce J. Deasy and Lt. Colonel S. M. Lutz, Jr.,
for U. S. Air Forces.

O P I N I O N

This application of the California Electric Power Company
for an increase in its electric rates was filed on October 15, 1947.
The application sets forth the specific rate increases proposed in the
Company's residential, commercial, industrial, agricultural power,
municipal pumping and street lighting classifications, together with
proposed increases in the rates charged to certain customers now being

served under special contract rates. It was alleged that the proposed rate increases would yield the Company additional revenue of approximately \$860,000 for the year 1948, which estimate was later revised to \$815,000.

Eight days of hearings were held on the application at Riverside, and the matter was taken under submission at the close of oral argument at Los Angeles on March 15, 1948.

The granting of the application was vigorously protested. Although some of the protesting parties questioned the Company's claim for the need of additional revenue in the amount requested, their objections were directed mainly against the particular rate increases proposed for the respective classes of electric customers. Several customers who were receiving service at special contract rates denied that there was any justification for an increase in their present charges. The questions presented, therefore, relate not only to the amount of additional revenue from all sources which the applicant needs in order to maintain a sound financial condition, but also to the spread of the total increased revenue required among the respective classes of customers. Much of the evidence and argument was directed to the latter issue.

Applicant renders a utility electric service in portions of Mono, Inyo, Kern, San Bernardino, Riverside, and Imperial Counties in California. It also renders electric service in part of Nevada, and through a wholly-owned subsidiary, Interstate Telegraph Company, conducts utility telephone and telegraph operations in both California and Nevada. In addition, applicant conducts cold storage and ice operations at certain points in Imperial County, and controls, through stock ownership, a corporation conducting electric and ice operations in Mexico.

Applicant presented evidence as to the revenues and expenses of its electric operations within California. It also presented

evidence showing the amount of invested capital which it claimed should be taken as the basis for testing the adequacy and reasonableness of the net revenue derived from those operations. It declared that it will be required to spend sixteen million dollars for property additions and replacements during the years 1947 to 1951, inclusive. Of this amount, at least ten million dollars will have to be raised by the sale of securities, and in 1948 alone it will be obliged to obtain not less than \$2,500,000 of new capital. Applicant claims that its rates must be increased sufficiently to accord it at least a 6.2% return if it is to be able to obtain at fair rates the capital necessary to enable it to construct needed property additions.

Evidence was also presented by the Commission's staff relating to the present earning position of the Company and to its financial requirements.

Results of Operations

The table following summarizes the evidence presented by both the Company and the Commission's staff indicating the revenues and expenses applicable to electric service in California for the years 1947 and 1948, together with rates of return upon average invested capital rate bases for those years.

Item	Year 1948 Estimated							
			1947	At	At			
	1947	1947	Adjusted	Present Rates	Proposed Rates			
	Estimated	Recorded	CPUC	CPUC	CPUC			
	Company	Company	Staff	Company	Staff	Company	Staff	
	Ex. 5	Ex. 67	Ex. 62	Ex. 22A	Ex. 62	Ex. 22A	Ex. 62	
(Thousands of Dollars)								
Revenues	6,257	6,328	6,149	7,091	6,904	7,906	7,959	
Oper. Expenses	2,954	2,910	2,719	3,771	3,466	3,699	3,466	
Dep'n. Annuity	331	331	344	378	408	378	408	
Taxes#	1,271	1,311	1,313	1,289	1,327	1,639	1,759	
Total Expenses	4,556	4,552	4,376	5,438*	5,201	5,716*	5,633	
Net Revenue	1,701	1,776	1,773	1,653*	1,703	2,190*	2,326	
Rate Base	31,427	31,430	31,431	34,656	34,694	34,656	34,694	
Rate of Return	5.41%	5.65%	5.64%	4.77%*	4.91%	6.32%*	6.70%	

Includes income taxes as computed for California electric operations only.

* The Company's 1948 expense estimates do not include the effect of the February 1948 wage increase. Adjusted for this wage increase the rates of return would be approximately 4.6% at the present electric rates and 6.15% at the proposed rates.

All of the estimates are predicated on normal water conditions, and the testimony indicates that because of the subnormal precipitation during the early months of 1948, the actual return for the current year will be lower than the estimates.

The differences between the over-all results of operation as presented by applicant and by the Commission's staff are not large. It is concluded that the record justifies the use of the staff's estimate, except as to that item of expense relating to pension costs for service prior to April 1, 1934, amounting to \$28,500, which the applicant included in its expense estimates and which the Commission's staff excluded. The record shows that in 1934, at the time of adopting a new pension plan, applicant set up out of surplus a trust fund of \$500,000 from which to pay pensions related to prior service. As a result of the decline in bond interest rates, it is now estimated that the trust fund is no longer adequate to cover the pension obligation, and \$28,500 is being charged to expense annually to make up the deficiency. In view of the substantial provision made out of surplus, and the fact that the decline in interest rates could not then be foreseen, it is concluded that this added charge should be allowed in operating expenses for the purpose of this proceeding.

The tabulation heretofore presented indicates substantially no difference between the rate bases developed by applicant and by the Commission's staff. Both capital bases were predicated upon the original cost of the electric plant, plus allowances for materials and supplies and working cash capital. Contributions in aid of construction, customer advances for construction, and the reserve for depreciation of automotive equipment were deducted. The original cost figures of the electric plant in service were adjusted in 1945 as a result of a joint study made by the staffs of this Commission and the Federal Power Commission. The average electric plant, as determined by witnesses for the Company and the Commission's staff, was found to be:

	<u>Year 1947</u>	<u>Estimated Year 1948</u>
Company	\$31,034,372	\$34,242,808
Commission's Staff	31,240,915	34,561,419

Some of the protestants questioned the need for the continued use of applicant's steam generating plant at San Bernardino. They claimed that the high cost of producing power from this plant of only 8,000-kilowatt capacity is not justified. The plant has been utilized largely as a standby facility, and the need for such a standby plant has been demonstrated. Although a larger plant doubtless could be operated with a greater efficiency, there is no evidence that applicant's over-all costs of operation would be decreased by the elimination of the existing plant. It was also contended that applicant's policy in electing to meet its needs for additional power principally through purchase arrangements rather than by constructing additional generating facilities has increased its costs and reduced the stability of its power supply. The evidence does not indicate that the purchase of a considerable part of the power supplied has been disadvantageous from the standpoint of the cost of applicant's power requirements.

Financing of Properties

Applicant has financed its net investment in its properties and assets, as shown on its books, through the issue of first mortgage bonds, other long-term debt and preferred and common stocks, and through the use of earnings. Its capital structure, as of December 31, 1947, was as follows:

Long-term Debt		
First Mortgage 3% Bonds, due 1976	\$16,000,000	
Serial Notes, 2-2½%	900,000	
Long-term Contract	52,034	
Total Long-term Debt	16,952,034	50%
Preferred Stock, \$50 par value		
\$3.00 Cumulative	5,248,150	
\$2.50 Cumulative	3,000,000	
Total Preferred Stock	8,248,150	24%
Equity Capital		
Common Stock, \$1 par value	7,856,377	
Surplus Items	1,069,388	
Total Equity Capital	8,925,765	26%
Total	\$34,125,949	100%

The weighted average effective interest and dividend rate applicable to the bonds, other long-term debt, preferred stock and those reserves which are being accumulated on the 5% sinking fund basis, excluding any allowance for equity capital, ranges from 3.96% to 4.20%, depending on whether or not the premiums paid on the refunded bond issues are taken into consideration.

Applicant's common stock originally had a par value of \$100 a share. In 1940, the par value was reduced to \$10 a share, and in 1943, to \$1 a share. The capital surplus thus created was used to absorb plant acquisition adjustments arising from the reclassification of its electric plant accounts to an original cost basis. Its presently outstanding common stock of 1,357,089 shares is carried on its books at \$7,856,377, or approximately \$5.79 a share. Dividends were paid on the common stock at the rate of \$.10 a share in 1943, \$.40 a share in 1944, \$.55 a share in 1945, and thereafter at \$.60 a share. The record contains evidence relating to the experienced earnings per share of applicant's common stock in former years, the market prices at which its stock and other securities were sold, the yields to purchasers, and the amount of earnings available for surplus. There is nothing to indicate that the Company has not been in a position to finance the cost of plant additions, or to refinance its securities from time to time when it could take advantage of changing conditions to reduce its fixed charges. It does not appear that its operations in other states or its non-utility activities have interfered with its ability to sell securities, or that such operations have placed a burden on the electric customers in California.

The record shows that the Company is faced with a substantial construction program. It estimates its cash requirements during 1948 for electric construction purposes in its California Division at approximately \$3,500,000, and its requirements for the next two years in all its divisions at over \$8,500,000. A large portion of the capital

for such expenditures must be obtained through the issue and sale of additional securities under market conditions prevailing at the time. It appears desirable that a portion of the additional funds be obtained through the issue of securities other than first mortgage bonds.

Applicant bases its request for increased rates in part on the claim that larger income is necessary if it is successfully to market additional securities to meet its construction program. Certain protestants who are large users of power for industrial purposes took exception to the proposed construction program. They seemingly take the position that such a program in effect requires the present customers to finance an expansion of facilities which consists largely of new lines needed to serve areas of increasing population. They assert that such capital additions are not of benefit to them, but instead will result in a greater rate burden upon them because of the increased cost of the power which applicant must purchase to meet its expanding load. They also seem to contend that because applicant's own generating facilities are not of sufficient capacity to enable it to generate all the power needed to supply its customers, applicant is not entitled to a return commensurate with that which would be deemed a fair rate of return for a utility which generates in its own plants the greater part of the power it delivers.

The argument thus advanced by these protestants assumes that the existing customers of an electric utility have a right to demand that when existing plant facilities are sufficient for the continuance of service to them, they may not be called upon to share in the cost of obtaining capital for the extension of those facilities or for any added cost of operation occasioned by the expanded service. We need not here discuss all the implications inherent in such contentions. It will be sufficient to observe that a utility is required to meet all reasonable demands for extensions of service within its service area. When, as here, the growth of population and the development

of industry within that service area compel the expansion of the utility plant, the Commission must fix rates sufficient on the whole, after meeting all proper expenses of operation, to yield a fair return on all the capital invested. A different problem is involved when undertaking to spread the over-all cost of service among particular classes of customers. That problem is discussed later in the opinion.

Applicant estimates that for the year 1948 its net revenues from the California Division at present rates will be \$1,592,000 which is equivalent to a return of 4.59% on its rate base. The Commission's staff estimated net revenues of \$1,703,100, which is equivalent to a return of 4.91% on the staff's estimated rate base. Testing either of these amounts with applicant's financial requirements indicates that such returns would be insufficient to service the presently outstanding securities and those which applicant must issue during 1948 if it is to proceed with its construction plans and to enlarge and improve its service.

It is concluded that applicant is in need of additional revenues. The major problem presented in this proceeding is to devise a schedule of rates which will yield sufficient net earnings to permit applicant to meet its financial requirements and earn a reasonable return, yet will not place an unjustifiable burden on any class of customers.

The rates herein authorized, when applied to all services including those now served under special contracts, will yield a return of approximately 5.7% on a rate base of \$34,694,000. The rates authorized are found reasonable and, under the circumstances obtaining, such net return is deemed fair and reasonable.

Adjustment of Rates

While the Company's application contains specific proposals for changes in filed rates, and also requests authorization to make specific changes in special contracts; its Counsel, by oral statement, amended its proposals to provide that the Commission may make any changes in

schedules or institute new schedules of different form or type or at different rates so long as the aggregate produces the earnings necessary to afford the fair return sought. The rates requested by applicant would not result in uniform percentage increases to all customer groups. On the assumption that the increases in rates would not result in diminution of sales, applicant's proposed increase for residential service would be about 8%, rural and commercial service would be increased approximately 11% and 13%, respectively, and for large industrial uses and deliveries for resale the increase would exceed 18%.

The major part of applicant's sales to large industrial customers and for resale have been made under special contracts. The proposed increase in special contract rates would constitute a substantial part of the increased revenue under applicant's proposal. Applicant's system is perhaps unusual in that it supplies service to a number of large, industrial-type customers at scattered locations throughout the wide-spread area in which it serves the normal electric requirements of residential, commercial, agricultural, and other customers.

The existing filed tariff schedules of applicant contain a number of alternative or optional features, these optional features having been introduced from time to time in the past because of circumstances then existing. In this proceeding both applicant's witnesses and the Commission's staff engineer recommended simplification of the tariff structure. It is apparent that further continuation of most of those alternative rates is neither necessary nor desirable. The tariffs herein authorized are intended for application to all electric sales by applicant to customers in California, excepting only those sales to other distributing agencies with whom applicant has interchange agreements. These tariffs will provide for uniform rate application, generally without the need for a choice

between alternative rates by the customer. In any one area a single rate will apply to all services to domestic customers; a general service rate will provide for all commercial lighting, commercial heating and small power service; a large block power rate will provide for the major industrial and commercial deliveries; an agricultural power rate will apply to deliveries for agricultural uses and irrigation pumping; and a resale power rate will apply to deliveries for resale purposes.

Under the rates herein authorized the increases in domestic and commercial revenues are estimated to average approximately 8%. The grouping on a single meter under the new general service schedule of all use by a commercial customer now served through separate meters for power and lighting, or for heating and lighting, may result in greater increases in those cases where the customer's operations differ considerably from the average and the customer has been experiencing relatively low over-all charges. In order to provide for the change in applicability of the commercial tariffs for existing customers, applicant will be required to determine those existing customers to whom the billing is more than 20% greater under the application of the new tariffs than under the existing tariffs. Appropriate adjustments for such commercial customers will be ordered for a period sufficient to permit those customers to adapt their operations to the new tariffs.

Under the authorized tariffs only minor increases will become effective within the city limits of San Bernardino. In that city applicant operates in competition with the Southern California Edison Company. The authorized tariffs will provide upward adjustment of rates to the level of rates charged by Edison within the city, which is somewhat below that of applicant's rates in the neighboring territory. It is not clear whether or not the rates in the city of San Bernardino are fully compensatory to either utility, but it is a fact that the number of customers served by applicant within that

city and the total revenues derived therefrom are greater than for any other incorporated city on applicant's system.

The existing wholesale power schedule is applicable to deliveries for industrial, agricultural and resale purposes. Under the authorized tariffs the wholesale power schedule, Schedule P-2, will not be applicable to agricultural and resale deliveries, other schedules being provided for those classes of service.

Counsel for the cement companies, for the United States of America, and for other protesting customers took exception to the fuel oil price escalator clause proposed by applicant. They argued that such a clause, if applied to one customer, should be applied to all, and furthermore, that such a clause should reflect the increased cost of fuel only to the extent that fuel-generated energy is a part of applicant's total energy. It is believed that a fuel price escalator clause is desirable and necessary in certain electric tariffs where, through separation of demand and energy charges or other circumstances, the resulting rates for energy approach the direct cost of energy production. Furthermore, in those tariffs which reflect the effects of competition with customer-owned plants, the price of fuel oil must necessarily have a bearing on the extent of those effects. The escalator clauses provided in the tariffs herein give weight to the fuel price effect on steam-electric generation costs as well as the effect of hydro generation and to other pertinent factors. The application at this time of a fuel oil price clause to all schedules would be impractical. The tariffs authorized in this order will contain a fuel price escalator provision in the general service, wholesale power and resale power schedules to the extent which is reasonable in the present instance.

Several of the appearances requested an adjustment of rates for large quantity users to reflect customers' power factors. Testimony of the company's witnesses indicates that the improvement of power factor by customers has little beneficial effect and may be detrimental to the operation of its system because of the conditions

inherent in its system arrangements. The discount and penalty provisions of a power factor clause are not intended for the principal purpose of granting a discount to certain favorably situated customers. Rather, if a power factor clause is appropriate, it should properly reflect the weight of that factor in the operation of the supplying company's electric system. In the case of applicant, it is concluded that tariffs should not at this time contain a provision for discount or penalty adjustments reflecting customers' power factors.

Applicant's existing tariffs contain provisions for the addition of registration of a number of meters serving an individual customer. Under the authorized tariffs this combination of meter registrations is discontinued to the extent practicable at this time, and schedules or special conditions which provide for such addition of registrations and which are retained are being closed to new customers. The tariffs are designed for individual application to the registrations of individual meters, and it is expected that the combination of meter registrations will be completely eliminated in the future.

Applicant at the present time grants a 50% discount on its domestic service to its employees. If a discount is to be granted, it is believed that such discount should not exceed 25%.

Deliveries to Large Customers Under Contracts

As previously noted, a number of applicant's deliveries to large customers are made under special contract agreements at rates other than those contained in the filed tariffs. Under the request contained in the application, the Commission is asked to authorize applicant to make effective certain changes in special contracts. Several of the existing contracts under their present terms and conditions provide for the application of any newly effective tariffs authorized. The remaining contracts providing for deliveries at

special rates either have expired or, within the next twelve months, will expire or may be terminated by applicant. Under these circumstances it appears unnecessary for the Commission to order at this time the termination or extensive modification of any existing special contracts.

Applicant requested authority to increase the stated rates in its special contracts with Southwestern Portland Cement Company and Riverside Cement Company. Counsel for those customers presented objection to any increase in the contract rates, claiming that those rates provided more than adequate return to applicant. The cement companies' claim of adequacy of the level of charges during 1947 was based upon the results of the cost of service study which they presented. Subsequent adjustments to those results and questions raised during the proceeding indicate that the claimed adequacy was supported only in part. Witnesses for the cement companies presented comparisons of charges under applicant's existing and proposed rates with charges under Southern California Edison Company's Schedule PC-1. At the present time Edison does not serve in the vicinity of Victorville and Oro Grande. Substantial capital outlays would be required if Edison were to extend its facilities to serve the protesting cement companies, and there is no assurance that the present power rate of Edison Company would be available to them. Witnesses for the cement companies mentioned the possibility of producing their own power requirements, and it is recognized that cement mill operations are particularly well suited to electric power production from waste heat.

Applicant's contract with Riverside Cement Company has now expired. The contract with Southwestern Portland Cement Company contains a provision to the effect that whenever applicant makes

effective to any other cement plant or consumer of comparable service a rate lower than the rates stated in the contract, such lower rate shall be applied to deliveries to Southwestern. Applicant's filed tariff for wholesale power service resulted in lower charges for service rendered to the cement companies than charges computed on the contract rates under the fuel oil price adjustment which was in effect during the latter part of 1947. Furthermore, the rates herein authorized, with fuel oil at the present quoted price of \$2.15 per barrel, would result in lower charges to Southwestern and Riverside Cement Companies than charges under the special rates stated in the contracts at the present and immediately prospective levels of business. Accordingly, the rates herein authorized, when filed and made effective by applicant, will become effective on energy deliveries to Riverside and will be available to Southwestern.

Applicant is supplying service to the United States of America for the Naval Ordnance Test Station, Harvey Field and Well No. 19, all at Inyokern, under a special contract dated January 1, 1945. Applicant has requested authorization to increase the rates established under that contract and to apply thereto a fuel price escalator clause. That contract with a governmental agency has been entered into by applicant under the general authorization provided by the Commission in its General Order No. 96. The contract provides, in Section 12, as follows:

"Electric service furnished under this contract shall be subject to regulation in the manner and to the extent prescribed by law by any federal, state or local regulatory commission having jurisdiction. If during the term of this contract the public regulatory commission having jurisdiction receives for file in authorized manner rates that are higher or rates that are lower than those stipulated herein for like conditions of service, the Contractor agrees to continue to furnish electric service as stipulated in this contract and the Government agrees to pay for such service at the higher or lower rates from and after the date when such rates are made effective."

The rates herein authorized under Schedule P-2 are rates for like conditions of service to the service rendered by applicant under the contract. The contract contains, however, other provisions applicable to the particular delivery. It is the intent of the Commission that the Demand Charge and the Energy Charge, with the base and effective rates thereunder, which are contained in Schedule P-2 herein shall apply, when that schedule is filed and made effective, in lieu of the Demand Charge and Energy Charge stated in the contract. The effective rates of Schedule P-2 which are applied shall reflect the application of Special Condition (c), Fuel Clause, of that schedule. The provisions in the contract respecting Minimum Monthly Charge, Determination of Billing Demand, Off Peak, Discounts and the remaining sections thereof are to continue in effect throughout the term of the contract or until otherwise ordered by this Commission. The term of the contract appears to run through the 31st day of December, 1949, and thereafter subject to certain renewal provisions. To avoid ambiguity, the order herein will provide for the foregoing application of rates.

Applicant supplies power to the City of Riverside for resale purposes under contract authorized by this Commission in its Decision No. 37864 of May 1, 1945. The city's distribution system extends throughout the boundaries of the city, the energy it receives from the applicant being distributed in the southern portion of the city, and that distributed throughout the remaining part being purchased from the Southern California Edison Company under a similar special contract and at like rates. Applicant's contract extends to July 1, 1949, and will continue thereafter from year to year unless either party gives notice of desired cancellation. From the evidence of record it would appear that the revenue derived by applicant for service rendered to the City of Riverside under the existing contract is inadequate.

Nevertheless, because the city may presently obtain all its power supply from the Edison Company at the special rates now in effect, and because the contract may voluntarily be terminated by the applicant on July 1, 1949, the Commission concludes that it should not order earlier termination of this agreement. The continuation of service for the remainder of the contract term may not cast a serious burden on the applicant, while the immediate cancellation of the contract might result in the loss of the city as a customer. However, our order will direct applicant to exercise its rights to terminate the contract on the earliest possible date.

As previously stated, increases averaging about 8% are estimated to result from the application of the authorized tariffs to domestic and commercial classes of sales. The increases in charges for industrial and agricultural power sales are estimated to average about 9%, and the increase in revenue from deliveries for resale is expected to be about 13%.

It is the conclusion that the tariffs herein authorized and made a part of this Order are the proper and fair tariffs under the applicability clauses contained therein for all service rendered by applicant in California. It is recognized that occasionally there exist with respect to electricity sales and deliveries to a customer extraordinary circumstances which are not provided for in a filed tariff designed for general application to a class of customers. The Commission's rules and regulations provide appropriate procedure in such cases. The tariffs herein authorized will not be effective throughout the calendar year of 1948, but if applied to applicant's California business at the levels of the year 1948 under average precipitation conditions would result in approximately \$506,000 of annual gross revenue additional to the revenue which would be derived under existing tariffs and contractual arrangements.

O R D E R

Hearing having been held upon the application of California Electric Power Company for authority to increase the rates charged for supplying of electric energy, the evidence and argument having been fully considered, and it being found by the Commission that the rates herein authorized or prescribed are just and reasonable rates and that such increases as may be effected are justified, therefore,

IT IS HEREBY ORDERED as follows:

1. California Electric Power Company may, after the effective date of this order, file the schedule of rates set forth in Appendix A attached hereto and made a part hereof, to be made effective, upon not less than five (5) days' notice, on all bills and charges for service rendered during billing periods ending on and after the first day of August, 1948.
2. California Electric Power Company shall concurrently cancel its existing schedule of rates and file revised rate sheets and statements describing its rate zones so as to transfer to Rate Zone C those portions of its existing Rate Zones N and S located in Township 2 South and Township 3 South of Range 1 East, San Bernardino Base and Meridian, and to transfer to Rate Zone R all that portion of its service area in Riverside and Imperial Counties now included in the part of Rate Zone S adjacent to the Colorado River.
3. California Electric Power Company shall determine those customers served as of July 31, 1948, on its commercial service schedules and/or its general service power schedules to whom the billing for the twelve months' period ending at the close of the second regular billing period thereafter is more than 20 per cent greater under the new tariffs than under the existing tariffs, shall file with the Commission a list of such customers, shall file as closed schedules effective August 1, 1948 the existing schedules upon which those customers were served as of July 31, 1948 with the rates and charges increased by 20 per cent, and shall bill each customer so listed in accordance with said closed schedules until such time as each customer's account is closed or until the date of the last regular meter reading prior to August 1, 1950 for billing purposes whichever is the earlier.
4. California Electric Power Company shall apply the rate schedules set forth in Appendix A to all sales of electric energy in the amounts and classes described and in accordance with the terms and conditions thereof, except to such customer or customers as applicant may, by law or authority granted by this Commission, be permitted to render service at rates differing from the schedules contained in said Appendix A.

5. California Electric Power Company shall, when supplying electric energy to the United States of America for the Naval Ordnance Test Station, Harvey Field and Well No. 19 at Inyokern, apply the demand and energy charges set forth in Schedule P-2, herein prescribed; including the fuel oil price adjustment clause therein, in lieu of the demand and energy charges set forth in Section 3 of that certain contract dated January 1, 1945 for the sale and delivery of energy from applicant to the United States of America, it hereby being found that the said demand and energy charges set forth in said contract are unjust and unreasonable in so far as they differ from the rates prescribed in said Schedule P-2.
6. California Electric Power Company be, and it is hereby, authorized and directed to terminate as of July 31, 1948 or thereafter at the earliest date possible in conformity with its rights stated therein each of the contracts or agreements identified as,

Agreement with:

Date:

- | | |
|--|-------------------|
| a. City of Banning | May 2, 1939 |
| b. City of Rialto | May 12, 1937 |
| c. City of Riverside | March 16, 1945 |
| d. City of San Bernardino | February 1, 1938 |
| e. Hanford Foundry Company | August 31, 1945 |
| f. Natural Soda Products Company | April 19, 1946 |
| g. Palo Verde Irrigation District | June 14, 1944 |
| h. Sierra Talc Company | March 11, 1946 |
| i. West End Chemical Company | November 15, 1944 |
| j. and those agreements with the United States of America (Federal Public Housing Commissioner) for service to housing developments. | |

The effective date of this order shall be twenty (20) days from and after the date hereof.

Dated at San Francisco, California, this

1st day of July, 1948.

R. F. Anderson
Justice F. Cravens
Irish Powell
Harold P. Kula
Commissioners.

APPLICATION NO. 28791

APPENDIX A

SCHEDULE OF RATES

SCHEDULE OF RATES

<u>Schedule Number</u>	<u>Service</u>	<u>Rate Zones Applicable</u>	<u>Appendix A Page No.</u>
LIGHTING AND GENERAL SERVICE			
C-1	General Service	C Excl. San Bernardino	2
C-2	General Service	N, R, and S	4
C-3	General Service	M	6
L-1	Commercial Lighting	San Bernardino Only	8
LS-1	Street and Highway Lighting	Entire Territory	9
LS-2	Street and Highway Lighting	Entire Territory	11
LS-3	Street and Highway Lighting	Entire Territory	12

DOMESTIC SERVICE

D-1	Domestic	San Bernardino Only	13
D-2	Domestic	C Excl. San Bernardino	14
D-3	Domestic	R	15
D-4	Domestic	S	16
D-5	Domestic	N	17
D-6	Domestic	M	18
DWH	Domestic Water Heating	Entire Territory	20
CAD	Combination Agricultural Power and Domestic	Entire Territory	22

POWER AND HEATING SERVICE

H-1	Commercial Heating	San Bernardino Only	24
P-1	General Power	San Bernardino Only	25
P-2	General Wholesale Power	Entire Territory	28
P-3	Resale Power	Entire Territory	30
PA-1	Agricultural Power	C	32
PA-3	Agricultural Power	N, R, and S	36
PMP-1	Municipal Pumping Power	C	38
PMP-2	Municipal Pumping Power	N, R, and S	39

STAND-BY SERVICE

S	Stand-by	Entire Territory	40
---	----------	------------------	----

CLOSED SCHEDULES

PA-2	Irrigation Power	C	42
------	------------------	---	----

RATE ZONE C
SCHEDULE C-1
GENERAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all lighting, heating and power service, alone or combined.

TERRITORY

Applicable in Rate Zone C, excluding the City of San Bernardino and including the cities, towns and communities of Corona, Elsinore, Hemet, Mira Loma, Perris, Rialto, San Jacinto and West Riverside, and surrounding territory, and the territory in the vicinity of the cities of Banning, Colton, Redlands and Riverside, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

First	30 kwh or less per meter per month	\$1.50
Next	70 kwh per meter per month	5.0¢ per kwh
"	400 " " " " "	4.1 " "
"	1000 " " " " "	2.5 " "
"	1500 " " " " "	2.1 " "
"	3000 " " " " "	1.9 " "

		Base Rates	Effective Rates
For all excess over 6000 kwh per meter per month			
First	50 kwh per kw of billing demand	1.70¢ per kwh	1.70¢ per kwh
Next	100 " " " " "	1.35 " "	1.40 " "
"	150 " " " " "	0.95 " "	1.00 " "
All over	300 " " " " "	0.75 " "	0.80 " "

MINIMUM CHARGE

(A) Where billing demand is not used, \$1.00 per month per horsepower of connected power load plus \$0.75 per month per kilowatt of connected heating and cooking load.

(B) Where billing demand is used, \$1.20 per month per kilowatt of the billing demand.

(C) Whenever the minimum charge computed under (A) or (B) above is greater than \$1.50 per month, the minimum charge will be made accumulative over a 12-months' period beginning with the December meter reading date of each year, and shall be payable as it accumulates.

SPECIAL CONDITIONS

(a) Billing Demand: Whenever the monthly use of energy on a monthly billing schedule has exceeded 8,000 kwh for three consecutive months, or the bi-monthly use of energy on a bi-monthly billing schedule has exceeded 16,000 kwh for two consecutive bi-monthly periods, a maximum demand meter will be installed as promptly as is practicable and thereafter continued in service until the monthly use of energy has fallen below 6,000 kwh for 12 consecutive months. If a maximum demand meter is not required to be in service under this condition, then all energy in excess of 6,000 kwh per month will be billed at the effective rate for energy in the first 50 kwh per kw of billing demand.

(Continued)

SCHEDULE C-1 - Continued

SPECIAL CONDITIONS - Billing Demand - Continued

The billing demand to be used in computing charges under this schedule will be the maximum demand for the month but not less than 75 per cent of the highest billing demand occurring in the preceding 11 months. The maximum demand in any month will be the average kilowatt delivery indicated or recorded by the Company's demand meter in the 15-minute interval in which such delivery is greater than in any other 15-minute interval in the month, provided, however, that in case the load is intermittent or subject to violent fluctuations, the Company may use a 5-minute instead of a 15-minute interval.

(b) Voltage and Primary Voltage Discount: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. When delivery hereunder is made at the same voltage as that of the distribution line from which service is supplied, or at other standard voltage equally or better suited to the customer's operations at the option of the Company, a discount of 2 per cent will be applied to bills for service delivered at voltages from 2 kv to 25 kv and a discount of 5 per cent will be applied to bills for service delivered at voltages above 25 kv.

(c) Fuel Clause: The energy charge in effect at any time for all energy over the first 6000 kwh and the first 50 kwh per kw shall be determined by adding to the above base rates 0.003 cents per kwh for each 5 cents (or major fraction thereof) that the price of Pacific Specification No. 400 fuel oil in tank car lots at El Segundo, as regularly quoted to customers generally by the Standard Oil Company of California, is above \$1.30 per barrel, the computation of effective rate to be carried to the nearest 0.01 cent per kwh.

When a change in the price of fuel oil occurs, the Company shall submit to the California Public Utilities Commission within a period of fifteen days, an Advice Letter and appropriate tariff schedules, setting forth the new effective rates, accompanied by an affidavit of such change in the price of fuel oil. The new energy charges shall be effective beginning with bills based on the first regular meter readings for billing purposes which are taken on and after the thirtieth day following such change in the price of fuel oil.

The above effective rates are based on a quoted price of \$2.15 per barrel.

(d) Temporary Metering and Billing: This schedule is applicable to all electric service delivered to a customer on individual premises. In order to provide time for rearrangement of wiring by the customer and the Company, for those customers who on July 31, 1948, were taking service to the same premises on a commercial lighting schedule and a general service power schedule, or on a commercial lighting schedule and a commercial heating schedule, or on a commercial lighting schedule and a commercial heating schedule and a general service power schedule, the Company will combine the registrations of the separate meters of such combinations of service for purposes of billing under this schedule until arrangements can be completed to deliver and receive all service through a single meter. This combination of meter readings will not be continued after the last regular meter reading for billing purposes prior to August 1, 1950, and the schedule will be applied individually to the readings of individual meters after that date. Combinations of meter readings for services of the same class or for services on separate premises will not be made under this schedule.

For each customer whose use during the period from January 1, 1947, to July 31, 1948, would qualify for demand billing under Special Condition (a), above, the Company will proceed as promptly as is practicable to install a demand meter. Temporarily, until such demand meter can be installed, the billing under this schedule will be computed on estimated demands as determined by test or otherwise and subject to review by the California Public Utilities Commission at the request of either the customer or the Company.

RATE ZONES N, R AND S
SCHEDULE C-2
GENERAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all lighting, heating and power service, alone or combined.

TERRITORY

Applicable in Rate Zones N, R and S, including the cities, towns and communities of Barstow, Blythe, Bodie, Bridgeport, Keeler, Leevining, Palm Springs, Randsburg, Twentynine Palms and Victorville, and the territory in the vicinity of the City of Bishop, as outlined in definition of Rate Zones in Preliminary Statements.

RATE

First	30 kwh or less per meter per month	\$2.00	
Next	70 kwh per meter per month	5.0¢ per kwh	
"	400 " " " " "	4.1 " "	
"	1000 " " " " "	2.8 " "	
"	1500 " " " " "	2.3 " "	
"	3000 " " " " "	1.9 " "	
		<u>Base</u>	<u>Effective</u>
		<u>Rates</u>	<u>Rates</u>
	For all excess over 6000 kwh per meter per month		
First	50 kwh per kw of billing demand	1.70¢ per kwh	1.70¢ per kwh
Next	100 " " " " "	1.35 " "	1.40 " "
"	150 " " " " "	0.95 " "	1.00 " "
All over	300 " " " " "	0.75 " "	0.80 " "

MINIMUM CHARGE

(A) Where billing demand is not used, \$1.00 per month per horsepower of connected power load plus \$0.75 per month per kilowatt of connected heating and cooking load.

(B) Where billing demand is used, \$1.20 per month per kilowatt of the billing demand.

(C) Whenever the minimum charge computed under (A) or (B) above is greater than \$2.00 per month, the minimum charge will be made accumulative over a 12-months' period beginning with the December meter reading date of each year, and shall be payable as it accumulates.

SPECIAL CONDITIONS

(a) Billing Demand: Whenever the monthly use of energy on a monthly billing schedule has exceeded 8,000 kwh for three consecutive months, or the bi-monthly use of energy on a bi-monthly billing schedule has exceeded 16,000 kwh for two consecutive bi-monthly periods, a maximum demand meter will be installed as promptly as is practicable and thereafter continued in service until the monthly use of energy has fallen below 6,000 kwh for 12 consecutive months. If a maximum demand meter is not required to be in service under this condition, then all energy in excess of 6,000 kwh per month will be billed at the effective rate for energy in the first 50 kwh per kw of billing demand.

(Continued)

SCHEDULE C-2 - Continued

SPECIAL CONDITIONS - Billing Demand Continued

The billing demand to be used in computing charges under this schedule will be the maximum demand for the month but not less than 75 per cent of the highest billing demand occurring in the preceding 11 months. The maximum demand in any month will be the average kilowatt delivery indicated or recorded by the Company's demand meter in the 15-minute interval in which such delivery is greater than in any other 15-minute interval in the month, provided, however, that in case the load is intermittent or subject to violent fluctuations, the Company may use a 5-minute instead of a 15-minute interval.

(b) Voltage and Primary Voltage Discount: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. When delivery hereunder is made at the same voltage as that of the distribution line from which service is supplied, or at other standard voltage equally or better suited to the customer's operations at the option of the Company, a discount of 2 per cent will be applied to bills for service delivered at voltages from 2 kv to 25 kv and a discount of 5 per cent will be applied to bills for service delivered at voltages above 25 kv.

(c) Fuel Clause: The energy charge in effect at any time for all energy over the first 6000 kwh and the first 50 kwh per kw shall be determined by adding to the above base rates 0.003 cents per kwh for each 5 cents (or major fraction thereof) that the price of Pacific Specification No. 400 fuel oil in tank car lots at El Segundo, as regularly quoted to customers generally by the Standard Oil Company of California, is above \$1.30 per barrel, the computation of effective rate to be carried to the nearest 0.01 cent per kwh.

When a change in the price of fuel oil occurs, the Company shall submit to the California Public Utilities Commission within a period of fifteen days, an Advice Letter and appropriate tariff schedules, setting forth the new effective rates, accompanied by an affidavit of such change in the price of fuel oil. The new energy charges shall be effective beginning with bills based on the first regular meter readings for billing purposes which are taken on and after the thirtieth day following such change in the price of fuel oil.

The above effective rates are based on a quoted price of \$2.15 per barrel.

(d) Temporary Metering and Billing: This schedule is applicable to all electric service delivered to a customer on individual premises. In order to provide time for rearrangement of wiring by the customer and the Company, for those customers who on July 31, 1948, were taking service to the same premises on a commercial lighting schedule and a general service power schedule, or on a commercial lighting schedule and a commercial heating schedule, or on a commercial lighting schedule and a commercial heating schedule and a general service power schedule, the Company will combine the registrations of the separate meters of such combinations of service for purposes of billing under this schedule until arrangements can be completed to deliver and receive all service through a single meter. This combination of meter readings will not be continued after the last regular meter reading for billing purposes prior to August 1, 1950, and the schedule will be applied individually to the readings of individual meters after that date. Combinations of meter readings for services of the same class or for services on separate premises will not be made under this schedule.

For each customer whose use during the period from January 1, 1947, to July 31, 1948, would qualify for demand billing under Special Condition (a), above, the Company will proceed as promptly as is practicable to install a demand meter. Temporarily, until such demand meter can be installed, the billing under this schedule will be computed on estimated demands as determined by test or otherwise and subject to review by the California Public Utilities Commission at the request of either the customer or the Company.

RATE ZONE M
SCHEDULE C-3
GENERAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all lighting, heating and power service, alone or combined.

TERRITORY

Applicable in Rate Zone M, including the June and Silver Lakes, Bishop Creek, Forest Home and Idyllwild mountain resorts, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

First	100 kwh per meter per month	8.0¢ per kwh
Next	400 " " " " "	4.6 " "
"	1000 " " " " "	3.2 " "
"	1500 " " " " "	2.8 " "
"	3000 " " " " "	2.0 " "
For all excess over 6000 kwh per meter per month		
		Base Rates Effective Rates
First	50 kwh per kw of billing demand	1.70¢ per kwh 1.70¢ per kwh
Next	100 " " " " "	1.35 " " 1.40 " "
"	150 " " " " "	0.95 " " 1.00 " "
All over	300 " " " " "	0.75 " " 0.80 " "

MINIMUM CHARGE

(A) Where billing demand is not used, \$2.00 per meter per month for lighting service, \$1.50 per month per horsepower of connected power load, and \$0.75 per month per kilowatt of connected heating and cooking load but in no case less than \$3.00 per month for lighting combined with heating or power services.

(B) Where billing demand is used, \$1.20 per month per kilowatt of the billing demand.

(C) At the customer's option the minimum charge under (A) above will be made accumulative over a 12 month period beginning with the April meter reading date of each year in which case the annual accumulative minimum charge shall be twelve times the monthly minimum charge and shall be payable in full on May 1 of each year. Service commenced before the April meter reading date of each year will have the annual minimum prorated at the rate of one-twelfth of the annual amount per month. Service discontinued before the April meter reading date will be adjusted on the basis of the monthly minimum charge.

The minimum charge computed under (B) above will be made accumulative over a 12 month period beginning with the April meter reading date of each year, and shall be payable as it accumulates.

SPECIAL CONDITIONS

(a) Billing Demand: Whenever the monthly use of energy on a monthly billing schedule has exceeded 8,000 kwh for three consecutive months, or the bi-monthly use of energy on a bi-monthly billing schedule has exceeded 16,000 kwh for two consecutive bi-monthly periods, a maximum demand meter will be installed as promptly as is practicable and thereafter continued in service until the monthly use of energy has fallen below 6,000 kwh for 12 consecutive months.

(Continued)

SCHEDULE C-3 - Continued

SPECIAL CONDITIONS (a) Billing Demand Continued

If a maximum demand meter is not required to be in service under this condition, then all energy in excess of 6,000 kwh per month will be billed at the effective rate for energy in the first 50 kwh per kw of billing demand.

The billing demand to be used in computing charges under this schedule will be the maximum demand for the month but not less than 75 per cent of the highest billing demand occurring in the preceding 11 months. The maximum demand in any month will be the average kilowatt delivery indicated or recorded by the Company's demand meter in the 15-minute interval in which such delivery is greater than in any other 15-minute interval in the month, provided, however, that in case the load is intermittent or subject to violent fluctuations, the Company may use a 5-minute instead of a 15-minute interval.

(b) Voltage: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission.

(c) Fuel Clause: The energy charge in effect at any time for all energy over the first 6,000 kwh and the first 50 kwh per kw shall be determined by adding to the above base rates 0.003 cents per kwh for each 5 cents (or major fraction thereof) that the price of Pacific Specification No. 400 fuel oil in tank car lots at El Segundo, as regularly quoted to customers generally by the Standard Oil Company of California, is above \$1.30 per barrel, the computation of effective rate to be carried to the nearest 0.01 cent per kwh.

When a change in the price of fuel oil occurs, the Company shall submit to the California Public Utilities Commission within a period of fifteen days, an Advice Letter and appropriate tariff schedules, setting forth the new effective rates, accompanied by an affidavit of such change in the price of fuel oil. The new energy charges shall be effective beginning with bills based on the first regular meter readings for billing purposes which are taken on and after the thirtieth day following such change in the price of fuel oil.

The above effective rates are based on a quoted price of \$2.15 per barrel.

(d) Seasonal Disconnection: Where the use of power is seasonal, the unused portion of the power load may be disconnected and disregarded for billing purposes until reconnected, but only one such disconnection and reconnection may be made during the year. No decrease in billing horsepower will be allowed under this special condition unless the customer gives the Company due notice of the dates of disconnection and reconnection of the seasonal portion of the power load.

(e) Connection and Disconnection Charges: Customers taking service under this schedule will be entitled to only one connection and only one disconnection free of charge during each service year. A charge of \$1.00 will be made for each additional connection or disconnection in excess of the above free service during each service year.

SAN BERNARDINO
SCHEDULE L-1
LIGHTING - COMMERCIAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all commercial lighting and to general lighting not eligible to receive service under Schedule D-1, in accordance with special conditions set forth herein.

TERRITORY

Applicable only within the corporate limits of the City of San Bernardino.

RATE

(A) Block Rate Option: Applicable to all customers not electing to take service under Option (B)

First	15 kwh	or less	per meter	per month	\$0.90
Next	85 kwh	per meter	per month		4.4¢ per kwh
"	400 "	"	"	"	3.5 " "
"	500 "	"	"	"	3.0 " "
"	1,000 "	"	"	"	2.5 " "
"	1,000 "	"	"	"	2.3 " "
"	3,000 "	"	"	"	1.7 " "
All over	6,000 "	"	"	"	1.5 " "

Minimum Charge: \$0.90 per meter per month, plus \$1.00 per month per horsepower of connected power load in excess of 3 horsepower.

(B) Load Factor Option: Applicable to customers who guarantee for a period of one year a minimum charge which, in any one month, shall be equal to the charge for 100 kwh per kilowatt of maximum demand calculated at the following rate. In no event, however, will this minimum charge be less than \$100 per meter per month.

First	150 kwh	per month	per kw	of maximum demand	at RATE (A) above.
Next	100 "	"	"	"	" " 1.5¢ per kwh
All over	250 "	"	"	"	" " 0.8 " "

Minimum Charge: In accordance with above guarantee.

SPECIAL CONDITIONS

(a) X-ray Service: X-ray apparatus will be served under this schedule at the above rates, except that for installations having in excess of 3 horsepower connected motor load and/or rectifier capacity the minimum charge shall be \$0.50 per month per kilowatt of maximum rectified input in the X-ray tube, but in no case shall the minimum charge be less than the minimum set forth in this schedule.

(b) Small Power: Service to single-phase power installations may be combined with lighting service taken under either option of this schedule, subject to an additional minimum charge of \$1.00 per month per horsepower of connected power load in excess of 3 horsepower.

(c) Maximum Demand: Under RATE (B) the maximum demand in any month shall be the average kilowatt input indicated or recorded by instruments to be supplied, installed, owned, and maintained by the Company and at the Company's expense upon the customer's premises adjacent to, or integral with watt-hour meter or meters in the 15-minute interval in which the consumption of electric energy is greater than in any other 15-minute interval in the month.

ENTIRE TERRITORY
SCHEDULE LS-1
LIGHTING - STREET AND HIGHWAY
COMPLETE SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to service to street, highway and other public outdoor lighting installations, using incandescent filament lamps with bracket, mast arm, or center suspension construction, and supplied from overhead lines, where the Company owns and maintains the entire equipment, in accordance with special conditions set forth herein.

TERRITORY

Applicable to the entire territory served.

RATE

Lamp Rating Series Lamps		Rate Per Lamp Per Month	
		All Night Service	Midnight Service
600	Lumens	\$1.22	\$1.13
800	"	1.47	1.37
1,000	"	1.60	1.49
2,500	"	2.45	2.16
4,000	"	2.98	2.54
6,000	"	3.70	3.00
10,000	"	5.10	3.95
15,000	"	6.70	5.35
25,000	"	10.00	7.65
<u>Multiple Lamps</u>			
40	Watts	\$1.15	\$1.06
60	"	1.48	1.37
75	"	1.69	1.58
100	"	2.04	1.82
150	"	2.46	2.15
200	"	2.80	2.39
300	"	3.50	2.84
500	"	4.85	3.73
750	"	6.55	4.85
1,000	"	8.00	5.90

MINIMUM CHARGE

\$2.50 per month for each timing point where switching is controlled by either mechanical or manual control.

SPECIAL CONDITIONS

(a) Schedule Not Applicable to: Street or outdoor lighting systems not owned by the Company will be served under Schedule LS-2, or the general service schedule applicable in that territory.

(Continued)

SCHEDULE IS-1 - Continued

SPECIAL CONDITIONS - Continued

(b) Maintenance: Above rates include installation, all maintenance and operation and lamp renewals necessary. If the Company is required to provide ornamental lighting posts or standards an additional charge will be made. The Company may use group replacement lamps at its option. The above rates for series lamps shall apply to lumen-rated, group-replacement multiple lamps.

(c) Hours of Service: All Night Service will be considered as 4,000 hours per year. Midnight Service will be considered as 2,000 hours per year.

ENTIRE TERRITORY
SCHEDULE LS-2
LIGHTING - STREET AND HIGHWAY
METERED ENERGY SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to service to street, highway and other public outdoor lighting installations, where the customer owns the lighting fixtures and interconnecting system, and the Company furnishes energy at one or more central points, in accordance with special conditions set forth herein.

TERRITORY

Applicable to the entire territory served.

RATE

First	100 kwh	per month per kw of connected lamp capacity	2.6¢	per kwh.
Next	125 "	" " " " " " " "	1.3	" "
All over	225 "	" " " " " " " "	0.9	" "

MINIMUM CHARGE

\$10.00 per month for each point of delivery.

SPECIAL CONDITIONS

(a) Company Equipment: Under these rates the Company will supply, install and maintain all transformers, regulators and feeder lines to the point of delivery or meter required to deliver energy at such points as agreed upon.

(b) Maintenance: For an additional charge of \$0.15 per lamp per month the Company will furnish the following service to lamps and globes of incandescent filament lamps only:

1. Regular inspection of lamps and glassware.
2. Periodic cleaning of glassware.
3. Replacement of lamps and glassware, when needed. Lamps and glassware will be purchased and stocked by the customer at central locations accessible to agents of the Company or, at the customer's request, glassware will be purchased by the Company and the customer will be billed for the actual cost of the units as used.

(c) Connected Lamp Capacity: Total connected lamp capacity in kilowatts for series systems shall be determined on the following lamp rating:

Lumens	600	800	1,000	2,500	4,000	6,000	10,000	15,000	25,000
Watts	40.3	52.6	62.5	145.3	216.2	320.9	527	714	1,214

ENTIRE TERRITORY
SCHEDULE LS-3
LIGHTING - STREET AND HIGHWAY SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to service to street, highway, and other public outdoor lighting installations, using sodium-vapor and mercury-vapor lamps with bracket, mast arm, or center suspension construction, and supplied from overhead lines, where the Company owns and maintains the entire equipment, in accordance with special conditions set forth herein.

TERRITORY

Applicable in the entire territory served.

RATE

Lamp and Rating	Rate Per Lamp Per Month All Night Service
Sodium-Vapor, 10,000 Lumens	\$6.00
Mercury-Vapor, 400 Watts	7.00

SPECIAL CONDITIONS

(a) Schedule Not Applicable to: Street lighting systems not owned by the Company will be served under the appropriate schedule for such service, or the general lighting schedule or general service schedule applicable in that territory.

(b) Maintenance: Above rates include installation, all maintenance and operation, and lamp renewals necessary. If the Company is required to provide ornamental lighting posts or standards, an additional charge will be made.

(c) Hours of Service: All Night Service will be considered as 4,000 hours per year.

SAN BERNARDINO
SCHEDULE D-1
DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to domestic lighting, heating, cooking, air conditioning and single-phase domestic power service in single family dwellings, and in apartments, flats and courts separately metered by the Company, and to multiple family dwellings in accordance with special conditions set forth herein.

TERRITORY

Applicable only within the corporate limits of the City of San Bernardino.

RATE

First	15 kwh or less per meter per month	\$0.90
Next	35 kwh per meter per month	4.4¢ per kwh
"	50 " " " " "	2.2 " "
"	100 " " " " "	1.9 " "
All over	200 " " " " "	1.5 " "

MINIMUM CHARGE

\$0.90 per meter per month.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase domestic motor installations aggregating not over 3 horsepower exclusive of air conditioning and air cooling motors may be combined with service taken under this schedule.

(b) Air Conditioning: Service to domestic air conditioning and air cooling installations will be rendered under this schedule, when combined with other domestic service, and the character of service to such installations will be in accordance with Rule and Regulation No. 2 (B).

(c) Multiple Family Dwellings: Any apartment house, flat, or court may receive service through one meter under this schedule, provided that for each installation the minimum charge, the first kwh block and charge and the second and third kwh blocks shall each be multiplied by the number of individual family dwelling units, irrespective of occupancy.

RATE ZONE C
SCHEDULE D-2
DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to domestic lighting, heating, cooking, air conditioning and single-phase domestic power service in single family dwellings, and in apartments, flats and courts separately metered by the Company, and to multiple family dwellings in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone C, excluding the City of San Bernardino and including the cities, towns and communities of Corona, Elsinore, Hemet, Mira Loma, Perris, Rialto, San Jacinto, and West Riverside, and surrounding territory, and the territory in the vicinity of the cities of Banning, Colton, Redlands and Riverside as outlined in definition of Rate Zones in Preliminary Statement.

RATE

First	20 kwh or less per meter per month	\$1.30
Next	20 kwh per meter per month	4.7¢ per kwh
"	60 " " " " "	3.7 " "
"	100 " " " " "	2.5 " "
"	800 " " " " "	1.8 " "
All over 1000	" " " " "	1.5 " "

MINIMUM CHARGE

\$1.30 per meter per month.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase domestic motor installations aggregating not over 3 horsepower exclusive of air conditioning and air cooling motors may be combined with service taken under this schedule.

(b) Air Conditioning: Service to domestic air conditioning and air cooling installations will be rendered under this schedule, when combined with other domestic service, and the character of service to such installations will be in accordance with Rule and Regulation No. 2 (B).

(c) Multiple Family Dwellings: Any apartment house, flat, or court may receive service through one meter under this schedule, provided that for each installation the minimum charge, the first kwh block and charge and the second and third kwh blocks shall each be multiplied by the number of individual family dwelling units, irrespective of occupancy.

RATE ZONE R
SCHEDULE D-3
DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to domestic lighting, heating, cooking, air conditioning and single-phase domestic power service in single family dwellings, and in apartments, flats and courts separately metered by the Company, and to multiple family dwellings in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone R, including the City of Blythe and surrounding territory, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

First	16 kwh or less per meter per month	\$1.30
Next	24 kwh per meter per month	5.0¢ per kwh
"	60 " " " " "	4.3 " "
"	100 " " " " "	3.2 " "
"	800 " " " " "	1.7 " "
All over	1000 " " " " "	1.5 " "

MINIMUM CHARGE.

\$1.30 per meter per month.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase domestic motor installations aggregating not over 3 horsepower exclusive of air conditioning and air cooling motors may be combined with service taken under this schedule.

(b) Air Conditioning: Service to domestic air conditioning and air cooling installations will be rendered under this schedule when combined with other domestic service, and the character of service to such installations will be in accordance with Rule and Regulation No. 2 (B).

(c) Multiple Family Dwellings: Any apartment house, flat, or court may receive service through one meter under this schedule, provided that for each installation the minimum charge, the first kwh block and charge and the second and third kwh blocks shall each be multiplied by the number of individual family dwelling units, irrespective of occupancy.

RATE ZONE S
SCHEDULE D-4
DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to domestic lighting, heating, cooking, air conditioning and single-phase domestic power service in single family dwellings, and in apartments, flats and courts separately metered by the Company, and to multiple family dwellings in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone S, including the cities and towns of Palm Springs and Twentynine Palms and surrounding territory, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

First	16 kwh or less per meter per month	\$1.30
Next	24 kwh per meter per month	5.0¢ per kwh
"	60 " " " " "	4.3 " "
"	100 " " " " "	3.4 " "
"	800 " " " " "	1.8 " "
All over 1000	" " " " "	1.6 " "

MINIMUM CHARGE

\$1.30 per meter per month.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase domestic motor installations aggregating not over 3 horsepower exclusive of air conditioning and air cooling motors may be combined with service taken under this schedule.

(b) Air Conditioning: Service to domestic air conditioning and air cooling installations will be rendered under this schedule, when combined with other domestic service, and the character of service to such installations will be in accordance with Rule and Regulation No. 2 (B).

(c) Multiple Family Dwellings: Any apartment house, flat, or court may receive service through one meter under this schedule, provided that for each installation the minimum charge, the first kwh block and charge and the second and third kwh blocks shall each be multiplied by the number of individual family dwelling units, irrespective of occupancy.

RATE ZONE N
SCHEDULE D-5
DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to domestic lighting, heating, cooking, air conditioning and single-phase domestic power service in single family dwellings, and in apartments, flats and courts separately metered by the Company, and to multiple family dwellings in accordance with special conditions set forth herein.

TERRITORY

Applicable to Rate Zone N, including the cities, towns and communities of Bridgeport, Bodie, Leavining, Keeler, Randsburg, Barstow, Victorville, and surrounding territory, and the territory in the vicinity of the City of Bishop, as outlined in definition of Rate Zones in Preliminary Statement..

RATE.

First	20 kwh or less per meter per month	\$1.50
Next	20 kwh per meter per month	5.0¢ per kwh
"	60 " " " " "	4.3 " "
"	100 " " " " "	3.6 " "
"	800 " " " " "	1.9 " "
All over 1000	" " " " "	1.7 " "

MINIMUM CHARGE

\$1.50 per meter per month.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase domestic motor installations aggregating not over 3 horsepower exclusive of air conditioning and air cooling motors may be combined with service taken under this schedule.

(b) Air Conditioning: Service to domestic air conditioning and air cooling installations will be rendered under this schedule, when combined with other domestic service, and the character of service to such installations will be in accordance with Rule and Regulation No. 2 (B).

(c) Multiple Family Dwellings: Any apartment house, flat, or court may receive service through one meter under this schedule, provided that for each installation the minimum charge, the first kwh block and charge and the second and third kwh blocks shall each be multiplied by the number of individual family dwelling units, irrespective of occupancy.

RATE ZONE M.
SCHEDULE D-6
DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to domestic lighting, heating, cooking, air conditioning and single-phase domestic power service in single family dwellings, and in apartments, flats and courts separately metered by the Company, and to multiple family dwellings in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone M, including the June and Silver Lakes, Bishop Creek, Forest Home and Idyllwild mountain resorts, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

First	30 kwh per meter per month	8.0¢ per kwh
Next	70 " " " " "	5.2 " "
"	100 " " " " "	3.2 " "
"	800 " " " " "	2.2 " "
All over 1000	" " " " "	1.7 " "

MINIMUM CHARGE

(A) Normal Monthly Minimum Service:

1. \$1.50 per meter per month for light service or light and electric refrigerator service.
2. \$3.00 per meter per month for combination domestic service.

(B) Accumulative Minimum Service:

1. \$18.00 per meter per year for light service or light and electric refrigerator service.
2. \$24.00 per meter per year for combination domestic service.

Accumulative minimum service is accumulative over a 12 month period beginning with the April meter reading date of each year, and is payable on May 1 of each year. Service commenced before the April meter reading date of each year will have the annual minimum prorated at the rate of one-twelfth the annual amount per month. Service discontinued before the April meter reading date of each year will be adjusted on the basis of Minimum (A) 1 or (A) 2 above.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase domestic motor installations aggregating not over 3 horsepower exclusive of air conditioning and air cooling motors may be combined with service taken under this schedule.

(b) Air Conditioning: Service to domestic air conditioning and air cooling installations will be rendered under this schedule, when combined with other domestic service, and the character of service to such installations will be in accordance with Rule and Regulation No. 2 (B).

(c) Multiple Family Dwellings: Any apartment house, flat, or court may receive service through one meter under this schedule provided that for each installation the minimum charge and the first and second kwh blocks shall each be multiplied by the number of individual family dwelling units, irrespective of occupancy.

(Continued)

SCHEDULE D-6 - Continued

SPECIAL CONDITIONS - Continued

(d) Combination Domestic Service: This minimum will apply only to combination domestic lighting service where the customer has installed and uses:

1. An electric air conditioning system employing heating, refrigeration, and/or water spray in changing the temperature of air for human use, and/or
2. A total capacity of not less than 2 kilowatts of heating, cooking, and/or water heating appliances. Lamp socket devices having an individual capacity of 660 watts or less will not be included in this total.

(e) Connection and Disconnection Charges: Customers taking service under this schedule will be entitled to only one connection and only one disconnection free of charge during each service year. A charge of \$1.00 will be made for each additional connection or disconnection in excess of the above free service during each service year.

ENTIRE TERRITORY
SCHEDULE DWH
DOMESTIC WATER HEATING SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable only to domestic water heating, where an electric range is installed, in accordance with special conditions set forth herein.

TERRITORY

Applicable in the entire territory served.

RATE

<u>Maximum Number of Residents in House</u>	<u>Capacity of Tank in Gallons</u>	<u>Capacity of Heater-watts</u>	<u>Monthly Charge</u>
2	18	1,500	\$2.50
2	24	1,000	2.50
3	30	1,000	3.00
4	30	1,500	3.50
5	40	1,500	4.00
6	40	2,000	5.00
7	52	2,000	6.00
8	52	2,500	6.50
9	66	2,500	8.00
10	66	3,000	8.50

MINIMUM CHARGE

Where the total period for which electric service is used under this schedule is less than one month, the charge will be prorated on the basis of the number of days in the period in question to the total number of days in an average month, which will be taken as 30 days, but in no case will the charge so computed be less than \$1.00.

SPECIAL CONDITIONS

(a) Range: This schedule will apply only to domestic water heating service where the customer has permanently installed an electric range used exclusively for all regular cooking on the premises.

(b) Water Heater: This schedule applies only to water heaters sold and installed by the Company, or to water heaters owned by the customer and installed at his expense, provided that such customer-owned water heaters comply with the following specifications:

1. The water heater shall be insulated with at least 3" of mineral wool or its equivalent, and shall be of the full automatic type.
2. Heat traps shall be provided in the hot water line.
3. The wattage of the heater and size of tank shall be limited to those stated in the rate.

(c) Load Limiter: The Company, at its own election and expense, may equip the range and water heater circuits with a load limiting device which will automatically open the water heater circuit whenever the range load exceeds three kilowatts.

(Continued)

SCHEDULE KWH - Continued

SPECIAL CONDITIONS - Continued

(d) Plumbing: This schedule shall not apply to hot water systems using circulating coils, radiators, or cold water return taps.

(e) Rate: The rate is determined by the capacity of the tank and capacity of the heating element, as set forth in the table under RATE, above, but the size of the original installation shall not be less than tank capacity and heater capacity corresponding with the number of residents as shown in that table.

(f) Mountain Resort Service: Customers taking service under this schedule in mountain resort territory will be entitled to only one connection and only one disconnection free of charge during each service year (May through the following April).

A charge of \$1.00 will be made for each additional connection or disconnection in excess of the above free service during each service year, provided however this special condition will not apply if a service charge has been made under special condition (e) of schedule D-6, Rate Zone M.

(g) Change of Heating Element Capacity: Where the hot water requirements of a customer already taking service under this schedule are increased or decreased, the hot water capacity of the water heater installation may be modified by changing the wattage of the heating element in accordance with the table below:

<u>Capacity of Tank in Gallons</u>	<u>Maximum Number of Residents in House</u>	<u>Capacity of Heater-watts</u>	<u>Monthly Charge</u>
30	5	2,000	\$3.50
30	6	2,500	4.00
40	3	750	2.50
40	4	1,000	3.00
40	7	2,500	5.00
52	4	750	3.00
52	5	1,000	3.50
52	6	1,500	4.00
52	9	3,000	6.50
66	5	750	3.50
66	6	1,000	4.00
66	7	1,500	5.00
66	8	2,000	5.50

The above table is not applicable to new water heater installations in premises hitherto unserved under this schedule.

Under this special condition, no change can be made in heater capacity unless such change is first approved by the Company and, provided further, that no change can be made in heater capacity unless the heating element can be sealed in the water heater by the Company in a manner satisfactory to the Company.

ENTIRE TERRITORY
SCHEDULE CAD
COMBINATION AGRICULTURAL POWER AND DOMESTIC SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to combination agricultural power and domestic service, where the agricultural power service is taken under schedules applicable to agricultural power service, and the entire load is measured through the power meter, in accordance with special conditions set forth herein.

TERRITORY

Applicable to the entire territory served.

RATE

Domestic service requirements of customers taking agricultural power service will be served through the power meter, and the total energy delivered shall be charged for at the rates of Schedules P-1, PA-1, PA-2 and PA-3, but the total horsepower of connected load for billing purposes will be determined in accordance with the following table:

Hp of Base Motor Load	Total hp of connected load for billing purposes for domestic transformer kva capacities of:									
	$\frac{1}{2}$	1	1 $\frac{1}{2}$	2	3	4	5	7 $\frac{1}{2}$	10	15
2	2.5	Transformers larger than $\frac{1}{2}$ kva not allowed with 2 hp base motor loads.								
3	3.5	Transformers larger than 1 kva not allowed with 3 hp base motor loads.								
4	4.5	4.5	4.75 Transformers larger than 1 $\frac{1}{2}$ kva not allowed with 4 hp base motor loads.							
5	5.5	5.5	5.75	6.0	6.5	7.8	9.2	12.5	15.9	22.6
6	6.5	6.5	6.75	7.0	7.5	8.8	10.2	13.5	16.9	23.6
7 $\frac{1}{2}$	8.0	8.0	8.25	8.5	9.0	10.3	11.7	15.0	18.4	25.1
8	8.5	8.5	8.75	9.0	9.5	10.7	12.0	15.4	18.7	25.4
9	9.5	9.5	9.75	10.0	10.5	11.3	12.7	16.0	19.4	26.1
10	10.5	10.5	10.75	11.0	11.5	12.0	13.3	16.7	20.0	26.7
12 $\frac{1}{2}$	13.0	13.0	13.25	13.5	14.0	14.5	15.0	18.4	21.7	28.4
15	15.5	15.5	15.75	16.0	16.5	17.0	17.5	20.9	24.2	30.9
17 $\frac{1}{2}$	18.0	18.0	18.25	18.5	19.0	19.5	20.0	23.4	26.7	33.4
20	20.5	20.5	20.75	21.0	21.5	22.0	22.5	25.9	29.2	35.9
25	25.5	25.5	25.75	26.0	26.5	27.0	27.5	30.9	34.2	40.9

The total horsepower of connected load for billing purposes for intermediate values of base motor load and domestic transformer capacities shall be arrived at by proportionate interpolation of the above table.

The total horsepower of connected load for billing purposes shall be increased by one horsepower for each horsepower of base motor load in excess of 25 horsepower and by 1.34 horsepower for each kva of domestic transformer capacity in excess of 15 kva.

MINIMUM CHARGE

The minimum charges of Schedules P-1, PA-1, PA-2 and PA-3 will apply.

(Continued)

SCHEDULE CAD - Continued

SPECIAL CONDITIONS -

(a) Voltage: Service under this schedule will be supplied at standard voltage only as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Domestic Transformer Capacity: To receive service under this schedule, the customer must own all facilities beyond the point of delivery of energy used for agricultural power service including the transformers necessary for supplying the domestic service. Where no transformers are needed to supply the domestic service, a representative of the Company will estimate the transformer capacity which would be installed to serve the domestic load were a transformer necessary and this estimated capacity will be taken as the installed domestic transformer capacity for the purpose of the application of this schedule, in which case the estimated capacity cannot be less than 1 kva.

(c) Horsepower of Base Motor Load: The horsepower of connected base motor load will be exclusive of the load served from the domestic transformer and exclusive of the domestic transformer capacity, and will be taken as the sum of the horsepower name plate rating of all motors and other agricultural power appliances served.

SAN BERNARDINO
SCHEDULE H-1
HEATING - COMMERCIAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all commercial heating, cooking and/or water heating service, in accordance with special conditions set forth herein.

TERRITORY

Applicable only within the corporate limits of the City of San Bernardino.

RATE

First	150 kwh	per meter per month	3.0¢ per kwh
All over 150	"	" " " "	2.0¢ " "

MINIMUM CHARGE

\$0.375 per meter per month per kilowatt of connected appliances.

But in no case shall the minimum charge be less than \$3.00 per month or \$36.00 per year. The minimum charge will be made accumulative over a twelve-month period beginning with the September meter reading date of each year and shall be payable at the rate of one-twelfth of the annual amount per month. Service commenced or permanently discontinued before the September meter reading date of each year will have the annual minimum prorated at the rate of one-twelfth of the annual amount per month.

SPECIAL CONDITIONS

(a) Small Power: Service to single-phase power installations aggregating not over 3 horsepower may be combined with service taken under this schedule, in which case each horsepower of connected power load shall be considered equivalent to one kilowatt of connected load in determining the minimum charge.

(b) Air Conditioning Motor Load: Service to air conditioning installations having a connected motor load in excess of 3 horsepower may be combined with service taken under this schedule, provided the total connected motor load of the installation is not greater than 60 per cent of the connected electric air heating load, in which case each horsepower of connected air conditioning motor load shall be considered equivalent to .746 kilowatt of connected load in determining the minimum charge. An air conditioning system entitled to service under this special condition will be defined as any electric system employing heating, refrigeration, and/or water spray in changing the temperature of air for human use.

This special condition will apply only when the electric air heating equipment is permanently installed and regularly used in furnishing all the customer's air heating requirements, (except for air heating requirements as may be furnished by nonelectrical apparatus for standby purposes).

SAN BERNARDINO
SCHEDULE P-1
POWER - GENERAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all general commercial, industrial and agricultural power service, in accordance with special conditions set forth herein.

TERRITORY

Applicable only within the corporate limits of the City of San Bernardino.

RATE

Billing Horsepower		Rate per kwh for monthly consumption of			
		First 50 kwh per hp	Next 50 kwh per hp	Next 100 kwh per hp	All over 200 kwh per hp
2 to	4 hp	4.40¢	2.40¢	1.20¢	1.00¢
5 to	9 "	3.60	2.20	1.15	0.90
10 to	24 "	3.20	2.00	1.05	0.85
25 to	49 "	2.80	1.80	0.95	0.80
50 to	99 "	2.40	1.60	0.90	0.75
100 to	249 "	2.20	1.50	0.85	0.70
250 to	499 "	2.10	1.40	0.80	0.65
500 to	999 "	2.00	1.30	0.75	0.60
1,000 to	2,499 "	1.90	1.10	0.70	0.60
2,500 to	4,999 "	1.85	0.95	0.65	0.60
5,000 hp and over		1.80	0.85	0.62	0.60

MINIMUM CHARGE

(A) Normal Service:

First 50 billing horsepower \$1.00 per hp per month
 All over 50 " " " " " " 0.75 " " " "

But in no case shall the minimum be less than \$2.00 per month or \$24.00 per year. The minimum charge will be made accumulative over a twelve-month period beginning with the December meter reading date of each year and shall be payable at the rate of one-twelfth of the annual amount per month. Service commenced or permanently discontinued before the December meter reading date of each year will have the annual minimum prorated at the rate of one-twelfth the annual amount per month.

(B) Agricultural Service: Where the use of power is agricultural, Minimum Charge (A) will, at the option of the customer, be made accumulative over a twelve-month period, and shall be payable at the rate of one-sixth of the annual amount per month, during the six consecutive months following the date of the meter reading taken as near to May first each year as practicable.

(C) Intermittent Service: Where service is required intermittently only, the customer may elect to pay the annual demand charge shown below for each horsepower of connected load instead of Minimum Charge (A).

Annual Demand Charge per
Hp of Connected Load

First 10 hp \$4.50
 All over 10 " 3.15

(Continued)

APPENDIX A

SCHEDULE P-1 - Continued

MINIMUM CHARGE - Continued

This annual demand charge shall be payable in five equal monthly installments during the first five months after the date on which service is first rendered, or the customer may select other months in which to pay the demand charge if satisfactory to the Company.

The demand charge shall be the minimum charge and in no case shall be less than \$4.50. The total charge will be the sum of the demand charge and the energy charge calculated at the RATE above.

SPECIAL CONDITIONS

(a) Voltage: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Billing Horsepower: The billing horsepower shall be the horsepower of connected load, except that when the installation consists of at least two motors, and has a connected load of not less than 50 horsepower, the billing horsepower may be based on maximum demand, in which case the billing horsepower will not be less than 40% of the connected load, and the minimum charge shall not be less than \$50.00 per month.

The maximum demand in any month shall be the average horsepower input (746 watts equivalent), indicated or recorded by instruments to be supplied, installed, owned, and maintained by the Company and at the Company's expense upon the customer's premises, adjacent to, or integral with watt-hour meter or meters, in the 15-minute interval in which the consumption of electric energy 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.

In the case of hoists, elevators, welding machines, furnaces or other installations where the energy demand is intermittent or subject to violent fluctuations, the Company may base the customer's maximum demand upon a 5-minute interval instead of a 15-minute interval.

In the case of connected loads of 500 horsepower or over, the Company may base the maximum demand upon a 30-minute interval instead of a 5-minute interval.

(c) Guarantee of Larger Billing Horsepower: Any customer may obtain the rates applicable to a larger billing horsepower by guaranteeing the rates and minimum charges applicable to the larger billing horsepower.

(d) Off-Peak: For installations having a connected load of 250 horsepower, or over, any demands occurring between the hours of 11:00 pm and 6:00 am of the following day will not be considered for computing charges on this schedule.

(e) Incidental Lighting Service: Industrial plants having over 50 horsepower of installed capacity may take their incidental lighting requirements through the power meter and at the rates and minimum charges set forth under this schedule, provided that:

1. All transformers, lines, and equipment in the service of the lighting load shall be owned, operated, and maintained by the customer.

(Continued)

SCHEDULE P-1 - Continued

SPECIAL CONDITIONS - Continued

2. The estimated kilowatt demand of the lighting requirements or the kilovoltampere capacity of the transformer bank or banks serving the lighting load shall not exceed 10% of the total horsepower rating of the installed capacity of the plant.

3. Under this Special Condition, the horsepower rating of the installed capacity of the plant shall be increased at the rate of one horsepower for each kilovoltampere of capacity of the transformer bank or banks serving the lighting load, and the total installed capacity thus computed will be considered as the total plant connected load for billing purposes. In cases where no transformers are required to serve the lighting load, a representative of the Company will estimate the horsepower demand of the total lighting requirements and this estimate will be added to the installed capacity. In no case shall the increase be less than one horsepower.

ENTIRE TERRITORY
SCHEDULE P-2
POWER - GENERAL WHOLESALE SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to all general wholesale power service except agricultural, irrigation and resale power, in accordance with special conditions set forth herein.

TERRITORY

Applicable in the entire territory served excluding the City of San Bernardino.

RATE

Demand Charge:

First	500 kw or less of billing demand	\$660.00 per month
Next	500 kw of billing demand	\$1.00 per kw per month
"	1,000 " " " "	0.80 " " " "
All over	2,000 " " " "	0.60 " " " "

Energy Charge (To be added to the demand charge):

		Base Rates per kwh	Effective Rates per kwh
First	150 kwh per kw of billing demand	0.80¢	0.85¢
Next	150 " " " " " "	0.65	0.70
All over	300 " " " " " "	0.55	0.60

SPECIAL CONDITIONS

(a) Billing Demand: The billing demand to be used in computing charges under this schedule will be the maximum demand for the month but not less than 75 per cent of the highest billing demand occurring during the eleven preceding months and not less than 500 kw. The maximum demand in any month will be the average kilowatt delivery indicated or recorded by the Company's demand meter in the 15-minute interval in which such delivery is greater than in any other 15-minute interval in the month, provided, however, that in case the load is intermittent or subject to violent fluctuations, the Company may use a 5-minute instead of a 15-minute interval. Demands occurring between the hours of 11:00 pm and 6:00 am of the following day and during the whole of each Sunday, New Year's Day, Memorial Day, Fourth of July, Labor Day, Armistice Day, Thanksgiving Day and Christmas Day will be decreased by 25 per cent in determining the maximum demand for the month.

(b) Voltage and Primary Voltage Discount: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission, or at available transmission voltage of 50 kv or more.

When delivery hereunder is made at the same voltage as that of the distribution line from which service is supplied, or at other standard voltage equally or better suited to the customer's operations at the option of the Company, a discount of 2 per cent will be applied to bills for service delivered at voltage from 2 kv to 25 kv.

When delivery hereunder is made at the same voltage as that of the distribution line from which service is supplied, a discount of 5 per cent will be applied to bills for service delivered at voltages from 25 kv to 50 kv.

(Continued)

SCHEDULE P-2 - Continued

SPECIAL CONDITIONS - Continued

When delivery hereunder is made at the transmission voltage of 50 kv or more which is available at the point of delivery and which is subject to voltage variations occasioned by transmission operations, a discount of 8 per cent will be applied to service so delivered.

(c) Fuel Clause: The energy charge in effect at any time shall be determined by adding to the above base rates 0.003 cents per kwh for each 5 cents (or major fraction thereof) that the price of Pacific Specification No. 400 fuel oil in tank car lots at El Segundo, as regularly quoted to customers generally by the Standard Oil Company of California, is above \$1.30 per barrel, the computation of effective rate to be carried to the nearest 0.01 cent per kwh.

When a change in the price of fuel oil occurs, the Company shall submit to the California Public Utilities Commission within a period of fifteen days, an Advice Letter and appropriate tariff schedules, setting forth the new effective rates, accompanied by an affidavit of such change in the price of fuel oil. The new energy charges shall be effective beginning with bills based on the first regular meter readings for billing purposes which are taken on and after the thirtieth day following such change in the price of fuel oil.

The above effective rates are based on a quoted price of \$2.15 per barrel.

(d) Non-Combination of Meter Registrations: The registrations of meters on separate deliveries or separate services will not be combined under this schedule.

(e) Lighting Service: This schedule is applicable to lighting, heating, power and other electric service, alone or in combination.

ENTIRE TERRITORY
SCHEDULE P-3
RESALE POWER

DESCRIPTION OF SERVICE

This schedule is applicable to electric energy supplied to other electric utilities and to municipalities, which take delivery in California, for distribution and resale where energy supplied by the Company is not used to standby or supplement energy distributed to the same ultimate consumers from other sources.

TERRITORY

Applicable in the entire territory served.

RATE

(A) Service at Voltages Below 25,000 Volts:(1) Demand Charge:

First 500 kw or less of billing demand . . . \$500.00 per month
 All over 500 kw of billing demand \$ 0.90 per kw

(2) Energy Charge: (To be added to the demand charge.)

	<u>Base Rates</u>	<u>Effective Rates</u>
First 100 kwh per kw per month	.95¢ per kwh	1.00¢ per kwh
Next 100 " " " " "	.85 " "	.90 " "
All over 200 " " " " "	.75 " "	.80 " "

(B) Service at Voltages from 25,000 Volts to 50,000 Volts: Charges as computed under RATE (A) above decreased by five per cent.

(C) Service at Transmission Voltages Above 50 kv: Charges as computed under RATE (A) above decreased by eight per cent.

SPECIAL CONDITIONS

(a) Voltage: Service under RATE (A) will be supplied at the standard voltage of 2300 volts or more up to 25,000 volts, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission, which is the same as the voltage of the distribution line from which service is supplied, or at other standard voltage within the same range and equally or better suited to the customer's operations at the option of the Company.

Service under RATE (B) will be supplied at the standard voltage of 25,000 volts or more up to 50,000 volts, which is the same as the voltage of the distribution line from which service is supplied.

Service under RATE (C) will be supplied at the transmission voltage of 50 kv or more which is available at the point of delivery and which is subject to voltage variations occasioned by transmission operations.

(Continued)

SCHEDULE P-3 - Continued

SPECIAL CONDITIONS - Continued

(b) Demand: The billing demand in any month will be the maximum demand for that month but not less than 75 per cent of the greatest billing demand occurring during the eleven preceding months. 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 during the month. Demands occurring between the hours of 11:00 pm and 6:00 am of the following day and during the whole of each Sunday, New Year's Day, Memorial Day, Fourth of July, Labor Day, Armistice Day, Thanksgiving Day and Christmas Day will be decreased by 25 per cent in determining the maximum demand for the month.

(c) Fuel Clause: The energy charge in effect at any time shall be determined by adding to the above base rates 0.003 cents per kwh for each 5 cents (or major fraction thereof) that the price of Pacific Specification No. 400 fuel oil in tank car lots at El Segundo, as regularly quoted to customers generally by the Standard Oil Company of California, is above \$1.30 per barrel, the computation of effective rate to be carried to the nearest 0.01 cent per kwh.

When a change in the price of fuel oil occurs, the Company shall submit to the California Public Utilities Commission within a period of fifteen days, an Advice Letter and appropriate tariff schedules, setting forth the new effective rates, accompanied by an affidavit of such change in the price of fuel oil. The new energy charges shall be effective beginning with bills based on the first regular meter readings for billing purposes which are taken on and after the thirtieth day following such change in the price of fuel oil.

The above effective rates are based on a quoted price of \$2.15 per barrel.

RATE ZONE C
SCHEDULE PA-1
POWER - AGRICULTURAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to general agricultural power service, in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone C, including the cities, towns, and communities of Corona, Elsinore, Hemet, Mira Loma, Perris, Rialto, San Bernardino, San Jacinto and West Riverside, and surrounding territory, and the territory in the vicinity of the cities of Banning, Colton, Redlands and Riverside, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

(A) Annual Minimum Option:

<u>Horsepower of Connected Load</u>	<u>Rate per Kilowatt Hour for Annual Consumption of:</u>		
	<u>First 1,000 Kwh per Hp</u>	<u>Next 1,000 Kwh per Hp</u>	<u>All over 2,000 Kwh per Hp</u>
2 to 4.99 hp	2.30¢	1.35¢	0.85¢
5 to 14.99 "	2.03	1.20	0.85
15 to 49.99 "	1.83	1.10	0.85
50 to 99.99 "	1.68	1.00	0.80
100 to 249.99 "	1.55	0.90	0.75
250 to 699.99 "	1.45	0.85	0.75
700 hp and over	1.35	0.85	0.70

Minimum Charge:

<u>Horsepower of Connected Load</u>	<u>Annual Minimum Charge per Hp of Connected Load</u>
2 to 4.99 hp	\$9.50
5 to 14.99 "	8.50
15 to 49.99 "	8.00
50 to 99.99 "	7.50
100 to 249.99 "	7.50
250 to 699.99 "	7.00
700 hp and over	7.00

But in no case will the minimum charge be less than \$19.00 per year. The annual minimum charge shall be payable in six equal monthly installments during the six months following the date on which the agricultural year began.

(Continued)

SCHEDULE PA-1 - Continued

RATE - Continued

(B) Annual Demand Option:

Horsepower of Connected Load	Annual Demand Charge Per Hp	Energy Charge in Addition to Demand Charge Rate per Kwh for Annual Consumption of:		
		First 1,000 Kwh per Hp	Next 1,000 Kwh per Hp	All over 2,000 Kwh per Hp
2 to 4.99 hp	\$7.00	1.60¢	1.35¢	0.85¢
5 to 14.99 "	6.00	1.43	1.20	0.85
15 to 49.99 "	5.50	1.28	1.10	0.85
50 to 99.99 "	5.00	1.18	1.00	0.80
100 to 249.99 "	4.50	1.10	0.90	0.75
250 to 699.99 "	4.50	1.00	0.85	0.75
700 hp and over	4.50	.90	0.85	0.70

In no case will the annual demand charge be less than \$14.00 for single-phase service, nor less than \$21.00 for three phase service. The annual demand charge will be payable in six monthly installments during the six months following the date on which the agricultural year began.

SPECIAL CONDITIONS

(a) Voltage: Service under this schedule will be supplied at standard voltage only as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Maximum Demand: Not applicable to service taken under this schedule.

(c) Larger Installation Guarantee: Any customer may obtain the rates applicable to a larger installation by guaranteeing the rates and minimum or demand charges applicable to the larger installation.

(d) Agricultural Year: Meters on all agricultural services will be read by the Company as near to May 1 each year as practicable and the above rates, and minimum or demand charges will apply to energy used and service rendered during the yearly periods between such successive readings.

(e) Prorating for a Fractional Agricultural Year:

When a new customer begins to take service after the beginning of the agricultural year, or

When service is reconnected after having been disconnected for a period of twelve or more consecutive months, or

When a change of total connected load occurs after the beginning of the agricultural year, the above rates, and the minimum or demand charges will be prorated as follows:

1. Proration of Annual Minimum or Demand Charges:

Annual minimum or demand charges will apply only to service taken during the six months after the date on which the agricultural year, as defined in Special Condition (d), began and will be payable at the rate of one-sixth of the annual charge for each month of service rendered during this period. No minimum or demand charges will apply to service taken during the last six months of the agricultural year.

(Continued)

SCHEDULE PA-1 - Continued

SPECIAL CONDITIONS - Continued

2. Proration of Energy Block Size:

The sizes of the energy blocks will be multiplied by the factor in the following table corresponding to the month of the agricultural year, as defined under Special Condition (d), during which service is begun.

Service is Begun							Factor For Rate (a)	Factor For Rate (b)
During	1st month	of the agricultural year					1.0	1.0
"	2nd	"	"	"	"	"	0.9	0.9
"	3rd	"	"	"	"	"	0.8	0.8
"	4th	"	"	"	"	"	0.7	0.7
"	5th	"	"	"	"	"	0.6	0.6
"	6th	"	"	"	"	"	0.5	0.5
"	7th	"	"	"	"	"	0.4	0.5
"	8th	"	"	"	"	"	0.3	0.5
"	9th	"	"	"	"	"	0.2	0.5
"	10th	"	"	"	"	"	0.2	0.5
"	11th	"	"	"	"	"	0.1	0.5
"	12th	"	"	"	"	"	0.1	0.5

The above proration will not apply when any customer resumes service within twelve months from the date of last disconnection, in which case the customer will be required to pay all charges, including the minimum or demand charges, which would have been billed during the shut-down period.

(f) Adjustment of Billing for RATE (B): Customers operating under the annual demand option of RATE, above, whose use in any one agricultural year is less than 1,000 kilowatt-hours per horsepower will have their bills adjusted to the annual minimum option of RATE, above, at the end of the twelve month period.

(g) Re-rating of Motors: Whenever any motor is found, by test, to be delivering more than 125% of its capacity as indicated by its name plate rating the Company may disregard the name plate rating and base its charges upon the actual output as calculated from test.

(h) Combination of Meter Registrations: The combination of meter registrations under this schedule is applicable only to those combinations in effect on July 31, 1948. After that date, the registrations of meters on services for new customers, and the registrations of additional meters on new services for existing customers, will not be combined under this schedule.

Subject to the foregoing limitations:

Where the operations of any mutual water company or other water company, or person, owning and operating two or more plants and irrigation pumping systems, are such that service is required under this schedule at more than one point of delivery, and all plants are operated electrically by energy supplied by the Company, the meter registrations at all such points of delivery may be aggregated for the purpose of calculating bills, provided that:

1. All points of delivery shall be located on the same contiguous property, or physically connected by operating water pipe lines or canals system. However, this provision will not apply to customers taking service under this Special Condition as of April 1, 1944, and until such customers are disconnected.

2. The total horsepower of connected load for billing purposes for any one agricultural year shall be the sum of the connected load at each meter installation showing an energy consumption in that agricultural year, but in no case will this total billing horsepower be based on less than 100 horsepower or on less than 40% of the total connected load of all plants receiving service under this schedule.

(Continued)

APPENDIX A

SCHEDULE PA-1 - Continued

SPECIAL CONDITIONS - Continued

And provided further that this Special Condition will apply only to a single company or individual, and not to associations or combinations, only when the customer signs a contract for a period of three years, except only that in the event the above rates are raised under the order or authority of the California Public Utilities Commission, said contract may be cancelled by written notice of the customer to the Company within 60 days after the effective date of such increase, in event of such notice, this schedule will no longer apply.

Under this Special Condition a meter charge of \$6.00 per meter per month will be made for each meter installation, in excess of one, on those plants whose meters show a consumption during the period between regular monthly readings.

RATE ZONES N, R AND S
SCHEDULE PA-3
POWER - AGRICULTURAL SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to general agricultural power service, in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zones N, R and S, including the cities, towns and communities of Barstow, Plythe, Bodie, Bridgeport, Keeler, Leevining, Palm Springs, Randsburg, Twentynine Palms and Victorville, and the territory in the vicinity of the City of Bishop, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

Billing Horsepower	Rate per Kilowatt Hour for Annual Consumption of:		
	First 1,000 Kwh per Hp	Next 1,000 Kwh per Hp	All over 2,000 Kwh per Hp
2 to 4.99 hp	2.35¢	1.45¢	0.85¢
5 to 14.99 "	2.15	1.30	0.85
15 to 49.99 "	1.95	1.10	0.85
50 to 99.99 "	1.85	1.05	0.80
100 to 249.99 "	1.80	0.95	0.75
250 to 699.99 "	1.75	0.90	0.75
700 hp and over	1.70	0.90	0.70

MINIMUM

Horsepower of Connected Load	Annual Minimum Charge per Hp of Connected Load
2 to 4.99 hp	\$10.00
5 to 14.99 "	9.00
15 to 49.99 "	8.00
50 to 99.99 "	7.50
100 to 249.99 "	7.50
250 to 699.99 "	7.00
700 hp and over	7.00

But in no case will the minimum charge be less than \$24.00 per year. The annual minimum charge shall be payable in six equal monthly installments during the six months following the date on which the agricultural year began.

SPECIAL CONDITIONS

(a) Voltage: Service under this schedule will be supplied at standard voltage only as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Maximum Demand: Not applicable to service taken under this schedule.

(c) Larger Installation Guarantee: Any customer may obtain the rates applicable to a larger installation by guaranteeing the rates and minimum charges applicable to the larger installation.

(Continued)

SCHEDULE PA-3 - Continued

SPECIAL CONDITIONS - Continued

(d) Agricultural Year: Meters on all agricultural services will be read by the Company as near to May 1 of each year as practicable and the above rates and minimum charges will apply to energy used and service rendered during the yearly periods between such successive readings.

(e) Prorating for a Fractional Agricultural Year: When a new customer begins to take service, after the beginning of the agricultural year, or when service is reconnected after having been disconnected for a period of twelve or more consecutive months, or when a change of total connected load occurs after the beginning of the agricultural year, the above rates and minimum charges will be prorated as follows:

1. Proration of Annual Minimum Charges:

Annual minimum charges will apply only to service taken during the six months after the date on which the agricultural year, as defined in Special Condition (d), began, and will be payable at the rate of one-sixth of the annual charge for each month of service rendered during this period. No minimum charges will apply to service taken during the last six months of the agricultural year.

2. Proration of Energy Block Size:

The sizes of the energy blocks will be multiplied by the factor in the following table corresponding to the month of the agricultural year, as defined under Special Condition (d), during which service is begun.

<u>Service is Begun</u>							<u>Factor</u>
During 1st month of the agricultural year							1.0
"	2nd	"	"	"	"	"	0.9
"	3rd	"	"	"	"	"	0.8
"	4th	"	"	"	"	"	0.7
"	5th	"	"	"	"	"	0.6
"	6th	"	"	"	"	"	0.5
"	7th	"	"	"	"	"	0.4
"	8th	"	"	"	"	"	0.3
"	9th	"	"	"	"	"	0.2
"	10th	"	"	"	"	"	0.2
"	11th	"	"	"	"	"	0.1
"	12th	"	"	"	"	"	0.1

The above proration will not apply when any customer resumes service within twelve months from the date of last disconnection, in which case the customer will be required to pay all charges, including the minimum charges, which would have been billed during the shut-down period.

(f) Non-Combination of Meter Registrations: The registrations of meters on separate deliveries or separate services will not be combined under this schedule.

RATE ZONE C
 SCHEDULE PMP-1
POWER - MUNICIPAL PUMPING SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to any Municipality, County Water District or County Sanitation District for power service to pumping systems where all pumping units of the customer, except those units used for stand-by or insurance service only, are operated by the service of the Company, and where the entire water supply of the customer is locally produced as distinguished from water transported into the community from water sheds not local to the community, in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone C, including the cities, towns, and communities of Corona, Elsinore, Hemet, Mira Loma, Perris, Rialto, San Bernardino, San Jacinto and West Riverside, and surrounding territory, and the territory in the vicinity of the cities of Banning, Colton, Redlands and Riverside, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

<u>Connected Load</u>	<u>Rate per Kwh</u>
0 to 99.99 hp	2.0¢
100 to 249.99 "	1.5
250 hp and over	1.0

MINIMUM CHARGE

\$1.00 per month per horsepower of connected load but not less than \$20.00 per month. The minimum charge will be made accumulative over a twelve-month period and shall be paid as it accumulates.

SPECIAL CONDITIONS

(a) Voltage: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Applicability of Schedule: This schedule is applicable only to power service for pumping equipment under the further limitations stated in the description of service and to such lighting and/or heating necessary for operation of the pumping equipment where no other electrical service is used in the pumping plant. Such lighting and/or heating will be supplied through the pumping plant meter and the customer shall provide any power-voltage to lighting-voltage transformers necessary where power service is other than single-phase in accordance with Rule and Regulation No. 2.

(c) Resale Service: Energy and service supplied under this schedule is not for resale.

(d) Combination of Meter Registrations: Where any municipality or political subdivision owns and operates a pumping system comprising two or more plants, the connected loads and meter readings of all such plants may be aggregated for the purpose of calculating bills.

RATE ZONES N, R AND S
SCHEDULE PMP-2
POWER - MUNICIPAL PUMPING SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to any Municipality, County Water District or County Sanitation District for power service to pumping systems having a total connected load of not less than 10 horsepower, where all pumping units of the customer, except those units used for stand-by or insurance service only, are operated by the service of the Company, and where the entire water supply of the customer is locally produced as distinguished from water transported into the community from watersheds not local to the community, in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zones N, R and S, including the cities, towns and communities of Barstow, Blythe, Bodie, Bridgeport, Keeler, Leevining, Palm Springs, Randsburg, Twentynine Palms and Victorville, and the territory in the vicinity of the City of Bishop, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

<u>Connected Load</u>	<u>Rate per Kwh</u>
10 to 99.99 hp	1.9¢
100 to 199.99 "	1.7
200 to 299.99 "	1.5
300 hp and over	1.3

MINIMUM CHARGE

\$1.00 per month per horsepower of connected load but not less than \$20.00 per month. The minimum charge will be made accumulative over a twelve-month period and shall be paid as it accumulates.

SPECIAL CONDITIONS

(a) Voltage: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Applicability of Schedule: This schedule is applicable only to power service for pumping equipment under the further limitations stated in the description of service and to such lighting and/or heating necessary for operation of the pumping equipment where no other electrical service is used in the pumping plant. Such lighting and/or heating will be supplied through the pumping plant meter and the customer shall provide any power-voltage to lighting-voltage transformers necessary where power service is other than single-phase in accordance with Rule and Regulation No. 2.

(c) Resale Service: Energy and service supplied under this schedule is not for resale.

(d) Combination of Meter Registrations: Where any municipality or political subdivision owns and operates a pumping system comprising two or more plants, the connected loads and meter readings of all such plants may be aggregated for the purpose of calculating bills.

ENTIRE TERRITORY
SCHEDULE S
STAND-BY SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to stand-by or breakdown service supplied to customers whose premises are not regularly supplied with light, heat, or power by the Company, in accordance with special conditions set forth herein.

TERRITORY

Applicable in the entire territory served.

RATE

Stand-by Charge

For stand-by service rendered under this schedule the charge per kilowatt of maximum load, either light, heat, or power, or any combination of same which the Company agrees to stand ready to supply to the customer will be:

First	10 kw of maximum load	\$25.00 per month
Next	10 " " " "	2.50 per kw per month
"	80 " " " "	1.75 " " " "
All over	100 " " " "	1.50 " " " "

PLUS
Energy Charge

All energy used in connection with service rendered under this schedule will be billed in accordance with the appropriate schedule applicable to the customer's business or various uses, such billing to be in addition to the stand-by charge specified above and in no case will the above stand-by charge replace any service charge or demand charge in the general appropriate schedule. The demand contracted for in accordance with the provisions of this schedule shall determine the demand for all billing purposes.

MINIMUM CHARGE

The minimum charge will be the stand-by charge herein provided, but where the appropriate schedule applicable to the customer's business carries a higher minimum charge than the demand charge herein specified, the minimum charge provided in the appropriate schedule shall be used. But in no case shall the minimum stand-by charge be less than \$25.00 per month.

SPECIAL CONDITIONS

(a) Schedule Applicable to: This schedule will apply only where the customer signs a contract for a period of at least one year.

(b) Resale and Competitive Service: Stand-by service will not be supplied to any service regularly used in competition with service of the Company, or where such stand-by service is desired or intended to be used for resale purposes.

(c) Parallel Operation: Parallel operation of the customer's generating plant with the Company's service is not allowed under this schedule, and the customer's wiring must be so arranged that such parallel operation will not be possible.

(Continued)

SCHEDULE S - Continued

SPECIAL CONDITIONS - Continued

(d) Load Measurement: In case the customer desires the Company to stand ready to supply the entire connected load of the customer's plant, then such maximum load will be estimated by the Company, based on tests and other information available. In case the customer desires the Company to stand ready to supply a number of kilowatts less than the maximum load of the entire customer's plant, but not less than 75% thereof, then the customer 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 adjustment and operation of said circuit breaker to be in no way interfered with by the customer. This circuit breaker shall be set to break the connection with the Company's service in case the customer'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 customer's demand above the number of kilowatts agreed on, the Company will renew the connection upon due notice, and upon receiving satisfactory assurance that the customer will reduce his maximum load to the contracted demand, or contract for an additional demand, such contract to be for a period of one year from that date. In no case will the Company agree to supply less than 75% of the customer's maximum load and in no case less than the capacity of the customer's largest generating unit.

(e) Metering: Metering and billing for stand-by service will be kept separate and distinct from the metering and billing for regular exclusive service supplied at the same location.

RATE ZONE C
SCHEDULE PA-2
POWER - IRRIGATION SERVICE

DESCRIPTION OF SERVICE

This schedule is applicable to agricultural power service for installations receiving service under this schedule on July 31, 1948 when customer signs a contract for a period of three years and in accordance with special conditions set forth herein.

TERRITORY

Applicable in Rate Zone C, including the cities, towns and communities of Corona, Elsinore, Hemet, Mira Loma, Perris, Rialto, San Bernardino, San Jacinto and West Riverside, and surrounding territory, and the territory in the vicinity of the Cities of Colton, Redlands and Riverside, as outlined in definition of Rate Zones in Preliminary Statement.

RATE

Billing Horsepower	Annual Demand Charge Per Hp	Energy Charge in Addition to Demand Charge Rate per Kwh for Annual Consumption of:		
		First 1,000 Kwh per Hp	Next 1,000 Kwh per Hp	All over 2,000 Kwh per Hp
250 to 699.99 hp	\$4.50	0.90¢	0.80¢	0.75¢
700 hp and over	4.50	0.70	0.70	0.65

The annual demand charge will be payable in six monthly installments during the six months following the date on which the agricultural year began.

MINIMUM CHARGE

Minimum Charge per Customer per Year:	250 hp to 699 hp	700 hp and over
Minimum Demand Charge	\$1,000.00	\$2,800.00
Minimum Energy Charge	1,500.00	3,000.00

The minimum demand charge and the minimum energy charge will both be made accumulative over a 12 month period and shall be payable at the rate of one-sixth of the annual amount per month during the six months following the date on which the agricultural year began.

SPECIAL CONDITIONS

(a) Voltage: Service under this schedule will be supplied at standard voltage only, as set forth in the Company's Rules and Regulations on file with the California Public Utilities Commission. All transformers necessary to obtain such voltage will be supplied, owned, and maintained by the Company.

(b) Billing Horsepower: The billing horsepower shall be the horsepower of connected load as set forth in the contract specified under Special Conditions (e), and will apply during the life of the contract whether or not such load is connected to the Company's facilities and whether or not said connected load is utilized. Provided, however, that if, during the life of a contract for service under this schedule, the operations of a given plant or motor are to be permanently discontinued and request is made in writing by the customer for disconnection of such plant or motor, the billing horsepower will be decreased accordingly, in which case the Company will have the right to remove all facilities devoted to service for such plant or motor.

(Continued)

SCHEDULE PA-2 - Continued

SPECIAL CONDITIONS - (b) Billing Horsepower - Continued

No reconnection of such a plant or motor will be allowed under this schedule. No new plant or increase in connected load will be served under this schedule.

(c) Guarantee of Larger Billing Horsepower: Any customer may obtain the rates applicable to a larger horsepower by guaranteeing the rates and minimum charges applicable to the larger billing horsepower.

(d) Off-Peak: Not applicable to service taken under this schedule.

(e) Term of Contract: This schedule will apply only when a customer signs a contract for a term of three years, except that in the event the above rates or minimum charges are raised under the order or authority of the California Public Utilities Commission, said contract may be terminated by the customer upon prior notice of such termination from the customer to the Company within 60 days after the effective date of such increase, and upon such termination of contract, this schedule will no longer apply. The connected load set forth under this contract will be the customer's agricultural power requirements for which the Company has installed facilities and stands ready to render service.

(f) Combination of Meter Registrations: Where the operations of any one customer owning and operating a single agricultural enterprise are such that service is required under this schedule at more than one point of delivery, and all plants are operated electrically by energy supplied by the Company, the meter registrations at all such points of delivery may be aggregated for the purpose of calculating bills, provided that:

1. All pumping plants shall be located on the same contiguous property, owned or leased by the customer, or physically connected by operating water pipe lines or canals system.

2. The billing horsepower at each point of delivery shall be the total horsepower of connected load at each point of delivery and for which the Company has facilities to render service as set forth in Special Conditions (b) and (c) above. And provided further that this Special Condition will apply only to the operation of a single company or individual customer and not to associations or combinations, and that it shall not apply where, in the opinion of the Company, the operation of the company or individual customer has been transferred to another company or individual customer for the purpose of obtaining combination of meter registration.

(g) Resale Service: Energy and service supplied under this schedule is not for resale.

(h) Agricultural Year: Meters on all agricultural services will be read by the Company as near to May first each year as practicable and the above rates, and minimum or demand charges will apply to energy used and service rendered during the yearly periods between such successive readings.