

ORIGINAL

Decision No. 19525

BEFORE THE RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

In the Matter of the Application  
of WESTERN STATES GAS AND ELECTRIC  
COMPANY, a corporation, and PACIFIC  
GAS AND ELECTRIC COMPANY, a corpora-  
tion, for an Order of the Railroad  
Commission of the State of California  
authorizing Western States Gas and  
Electric Company to file and place  
in effect the revised schedules of  
Electric Rates and Charges referred to  
in this application.

Application No. 14511.

- J. Leroy Johnson, for the City of Stockton.
- R. W. Duval, for Western States Gas and Electric Company and Pacific Gas and Electric Company.

LOUTHER, COMMISSIONER:

O P I N I O N.

In this proceeding Western States Gas and Electric Company and Pacific Gas and Electric Company ask the Railroad Commission to make its order granting Western States Gas and Electric Company permission to withdraw certain schedules of electric rates in its Stockton Division and authorizing the substitution therefor of certain other schedules of rates to become effective on and after April 1, 1928.

A hearing in this matter was held in Stockton on March 27, 1928.

The principal effect of the proposed changes in

schedule is a material reduction in the rates to a large majority of domestic and residential consumers, particularly in the portions of the schedules affecting the cost of operation of electrical appliances and household devices. The reasons advanced for such a reduction are the desirability of encouraging a greater use of household electrical appliances and thus the growth of load in this class of service, and the desirability of having uniform schedules over the territory of applicants, the Pacific Gas and Electric Company having already, by Decision No. 19397, under date of February 23, 1928, obtained authority from the Railroad Commission to place similar schedules in effect.

Some slight increases in the bills of a limited number of consumers in the city of Stockton, and a larger number in unincorporated area will result. However, it appears that while these increases to individuals will amount to approximately \$8,500., per annum, the reduction in rates will effect a saving of approximately \$82,000., per annum to the consumers as a whole. This includes the effect of the proposed agricultural schedule which, while slightly increasing the bills of a few consumers now receiving service under the optional rate feature of the present schedule, will result in a reduction in rate to a large majority of agricultural consumers.

Since the proposed changes will result in an immediate substantial saving to the consumers as a whole, this application should be granted.

I recommend the following form of order:

O R D E R

Western States Gas and Electric Company and Pacific Gas and Electric Company having applied to the Railroad Com-

mission for authority to make effective certain schedules, a public hearing having been held thereon, and the Railroad Commission being of the opinion that such authority should be given subject to certain provisions, therefore,

IT IS HEREBY ORDERED that:

- I. Effective with bills based on regular monthly meter readings taken on and after April 1, 1928, Western States Gas and Electric Company may charge and collect for electric service, in its Stockton Division, the schedules of rates as set forth in Exhibit "A" attached hereto and made a part hereof. Such rates shall be filed with this Commission on or before April 1, 1928.

For all other purposes the effective date of this order shall be April 18<sup>th</sup>, 1928.

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

Dated at San Francisco, California, this 29<sup>th</sup> day of March, 1928.

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*W. J. Cunniff*  
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*W. J. Cunniff*  
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 Commissioners.

EXHIBIT "A"

## SCHEDULE L-2

(Superseding Schedule L-1 and L-2 now in effect)

## GENERAL LIGHTING SERVICE:

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

## TERRITORY:

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

## RATE:

SERVICE CHARGE: per meter per month .....50¢

## ENERGY CHARGE (to be added to Service Charge):

First	200 kwh. per meter per month	....5¢ per kwh.
Next	800 kwh. per meter per month	....4¢ per kwh.
Next	2000 kwh. per meter per month	....3¢ per kwh.
All over	3000 kwh. per meter per month	....2¢ per kwh.

MINIMUM CHARGE: The Service Charge set forth above constitutes the minimum charge.

## SPECIAL CONDITIONS:

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

## SCHEDULE L-3

(Superseding Schedule L-1 and L-2 now in effect.)

## GENERAL LIGHTING SERVICE:

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

## TERRITORY:

Applicable to service in entire territory served, outside of incorporated limits.

## RATE:

SERVICE CHARGE: Per meter per month .....70¢

## ENERGY CHARGE (to be added to Service Charge):

First	200 kwh. per meter per month	.....6¢	per kwh.
Next	800 kwh. per meter per month	.....5¢	per kwh.
Next	2000 kwh. per meter per month	.....4¢	per kwh.
All over	3000 kwh. per meter per month	.....3½¢	per kwh.

MINIMUM CHARGE: The Service Charge set forth above constitutes the minimum charge.

## SPECIAL CONDITIONS:

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

SCHEDULE L - 4

(Superseding Schedule L-3 now ineffect)

**STREET AND HIGHWAY LIGHTING:**

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

**TERRITORY:**

Applicable to entire STOCKTON DIVISION.

**RATE:**

	<u>Lamp Rating</u>	<u>Monthly Charge per lamp, All night service.</u>	<u>Reduction for each hour reduction (Monthly Basis) in nightly service</u>
Multiple Lamps	25 Watts	\$ .95	1¢
	40 "	1.25	2¢
	50 "	1.45	3¢
	60 "	1.70	3¢
	75*	2.00*	4¢
	100*	2.50*	5¢
	150*	3.20*	7¢
	200*	3.75*	12¢
	300*	4.40*	13¢
	400*	5.00*	17¢
	500*	5.40*	20¢
Series Lamps	60" Candle Power	1.30	2¢
	80 "	1.65	3¢
	100*	1.75*	4¢
	250*	3.20*	7¢
	400*	4.05*	12¢

\*Includes a refractor. A diffusing globe, special highway reflector, or equivalent special reflector will be supplied on request. A deduction of 15 cents per month will be made for each lamp not equipped with refractor, diffusing globe or special reflector.

**SPECIAL CONDITIONS:**

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

All-night service	(4000 hrs per yr)	11 hours per night.
Moonlight service	(2240 hrs per yr)	6 " " "
Midnight service	(2000 hrs per yr)	5½ " " "

## SCHEDULE L-5

(Superseding Schedule L-4 now in effect)

## STREET and HIGHWAY LIGHTING:

Applicable to street and highway and other public outdoor lighting installations using electroliers or ornamental lamp posts supplied from underground lines.

## TERRITORY:

Applicable in the City of STOCKTON, to installations of 10 electroliers or less.

## RATE:

- (A) The Company to install, maintain and own the entire equipment.

\$4.33 per electrolier per month.

- (B) Consumer to own equipment but Company to be responsible for all maintenance and replacements.

\$3.30 per electrolier per month.

## SPECIAL CONDITIONS:

(1) Electroliers used to render service under this schedule will be required to conform to standard equipment already installed.

(2) The above schedules apply to midnight service; in case service is desired beyond midnight an additional charge will be made on the basis of 40 cents per month per rated kilowatt of lamp load connected for each hour burned after midnight. Service beyond midnight will not be rendered except when possible to do so on complete circuits.



SCHEDULE D-2

(Superseding Schedule C-1-B now in effect)

GENERAL DOMESTIC COMBINATION SERVICE:

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

TERRITORY:

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

RATE:

SERVICE CHARGE: per meter per month.....50¢  
 ENERGY CHARGE (to be added to service charge):

First	30 KWH.	per month#	.....	5¢	per	KWH.
Next	140 KWH.	" "	.....	3¢	" "	
All excess	KWH.	" "	.....	1¢	" "	

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

MINIMUM CHARGE:

- (a) Where no major equipment is installed, the minimum charge is the service charge.
- (b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each KW. of major equipment in excess of 2 KW.
- (c) Upon application by the consumer, the Company will put the minimum charge on an annual basis of \$36.00 per annum for the first 7 KW. of major equipment plus \$6.00 per annum for each additional kilowatt of such major equipment, provided the primary use of service is seasonal and further, provided the consumer signs a contract for service for a period of not less than one (1) year. The Company reserves the right to bill the annual minimum charge proportionately throughout the year.

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

SPECIAL CONDITIONS:

- (a) This schedule applies only to single family dwellings and to separately metered flats and apartments where the consumer uses cooking or heating or domestic power appliances (including lamp socket devices) of at least 1 KW. aggregate capacity.
- (b) Any apartment house or group of apartments may receive service under this schedule through one meter, provided that each individual apartment included

has permanently installed heating or cooking equipment of at least 2 KW. capacity.

For this purpose, the first energy block only will be increased and will be made equal to the sum of the first energy blocks separately calculated for the individual apartments included. The rate of 5¢ per KWH. will be applied to the kilowatt-hours thus determined in the same manner as if they were the consumption of an individual service separately metered.

- (c) Capacity of all equipment will be based on name plate rating, all equipment assumed as operating at 100 per cent power factor, and a rating in horsepower being converted to kilowatts at one to one.
- (d) Single phase power service (5 HP. or less) may be combined under this schedule.
- (e) For the purpose of this schedule the number of rooms will be determined upon the customary real estate basis of rating. The tables following are illustrative of rooms to be counted and not to be counted.

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

- (a) Rooms listed are to be counted whether they are wired or not.
- (b) Each 200 watts connected load of yard, barn or other outhouse lighting will be counted as one room. Empty lamp sockets will be rated at 50 watts each.

## SCHEDULE D-3

(Superseding Schedule C-1-B now in effect.)

## GENERAL DOMESTIC COMBINATION SERVICE:

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

## TERRITORY:

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

## RATE:

SERVICE CHARGE: per meter per month . . . . . 70¢

## ENERGY CHARGE (to be added to service charge):

First 30 kwh. per month# . . . . .	6¢ per kwh.
Next 140 kwh. per month . . . . .	3¢ per kwh.
All excess kwh. per month . . . . .	1¢ per kwh.

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

## MINIMUM CHARGE:

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

(b) Where major equipment is installed, the minimum charge will be the service charge plus 40¢ per month for each kw. of major equipment in excess of 2 kw.

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

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

## SPECIAL CONDITIONS:

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

(b) Any apartment house or group of apartments may receive service under this schedule through one meter, provided that

## SCHEDULE D-3 (Continued)

(Superseding Schedule C-1-B now in effect.)

## SPECIAL CONDITIONS: (Continued)

each individual apartment included has permanently installed heating or cooking equipment of at least 2 kw. capacity.

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

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

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

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

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

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

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

SCHEDULE P-3

(Superseding Schedule P-3 now in effect.)

AGRICULTURAL POWER SERVICE:

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

TERRITORY:

Entire territory served.

RATE:

Size of Installation	Annual Service Charge per h.p.	Energy Charge in addition to the Service Charge			
		Rate per kwh. for First 1000 kwh.	Rate per kwh. for Next 1000 kwh.	Rate per kwh. for Next 1000 kwh.	Rate per kwh. for All over 3000 kwh.
2-4 HP.....	\$6.50*	1.6c	1.2c	.9c	.7c
5-14 HP.....	5.50	1.4	1.1	.8	.7
15-49 HP.....	5.00	1.2	1.0	.8	.7
50-99 HP.....	4.50	1.1	.9	.75	.7
100-249 HP.....	3.90	1.1	.9	.75	.7
250-499 HP.....	3.75	1.05	.85	.75	.7
500-999 HP.....	3.60	1.00	.85	.75	.7
1000-2499 HP.....	3.30	1.00	.85	.75	.7
2500 HP and over..	3.00	1.00	.85	.75	.7

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

SPECIAL CONDITIONS:

(a) AGRICULTURAL YEAR

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

(b) PAYMENT OF SERVICE CHARGES

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

(c) GUARANTEEING RATES FOR LARGER SIZE INSTALLATION

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

SCHEDULE P-3 (Continued)

(Superseding Schedule P-3 now in effect.)

SPECIAL CONDITIONS: (Continued)

(d) VOLTAGE

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

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

(e) CREDIT FOR OWNERSHIP OF TRANSFORMER BY CONSUMER

Consumers operating installations having a connected load of 50 h.p. or over and owning the transformers supplying such installations will be allowed the following credits:

Size of Installation	Annual Credit per HP of Connected Load
50-99 HP . . . . .	\$.01.00 per HP
100-249 HP . . . . .	.90 per HP
250-499 HP . . . . .	.80 per HP
500-999 HP . . . . .	.70 per HP
1000-2499 HP . . . . .	.60 per HP
2500 HP and over . . . . .	.50 per HP

(f) CONTRACTS

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

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

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

(i) SERVICE COMMENCED OR DISCONTINUED DURING THE AGRICULTURAL YEAR.

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

For a fractional agricultural year the rate will be

SCHEDULE P-3 (Continued)

(Superseding Schedule P-3 now in effect.)

SPECIAL CONDITIONS: (Continued)

modified as follows:

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

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

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