

ELECTRICAL RATE INCREASE

URGENCY ORDINANCE NO. 1250 ADOPTED

Council was apprised that Phase I of the current P.G. & E. wholesale base rate increase became effective January 1, 1982. Purchase power costs have increased an average of \$265,000 a month* (26%), as a result. The Phase II increase is scheduled to become effective March 12, 1982, but its exact size is not known at this time.

The City is currently negotiating a power purchase contract with the Western Area Power Administration (WAPA) for lower cost energy from the Central Valley Project (CVP). It is anticipated that delivery of this energy will commence sometime during February, 1982. The amount of energy to be supplied at CVP rates will vary from month-to-month, but is estimated at 25% for the calendar year 1982.

Current City retail base rates were established in October 1980. At that time, Residential Rate (EA) was set at City cost for 0-500 kwh, and less than P.G. & E.'s winter/summer average retail charge, above 500 kwh.** Commercial and industrial rates were set 5% below P.G. & E., at 'bench mark' levels of consumption, which are as follows:

Commercial/Small Industrial (EB)	1,550 kwh/mo.
Intermediate Industrial (S-I)	33,800 " "
Large Industrial (S-II)	2,300,000 " "

02-370

7877

- * Based on P.G. & E being the sole supplier of energy to the City.
- ** Average monthly residential consumption.
- *** Comparison based on P.G. & E retail rates effective January 1, 1982.

Council discussion followed with questions being directed to Staff. Mayor Pro Tempore Murphy indicated his concern over escalating energy costs and that he would be registering a "no" on this matter in protest over recent PUC actions.

Councilman Hughes then moved for the adoption of Urgency Ordinance No. 1250 approving interim electric rates as proposed to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G. & E wholesale rate increase, Phase I).

The motion was seconded by Councilman Katnich and carried by the following vote:

- Ayes: Councilmen - Hughes, Katnich, Pinkerton and McCarty (Mayor)
- Noes: Councilmen - Murphy
- Absent: Councilmen - None

Council during the discussion on this matter asked the City Manager to provide a report on unbudgeted NCPA assessments to date.

PROPOSAL DETAILS: It is proposed that the City adjust its electric rates in two steps; Step 1 at this time and Step 2 when sufficient information is known about the P.G. & E. Phase II increase and the delivery conditions of CVP energy.

An interim set of retail electric rates (Step 1) has been developed, which would allocate the P.G. & E. Phase I increase appropriately among all customer classifications. Residential Rate (EA) would be set at City cost for 0-500 kwh and would be considerably less than P.G. & E's winter/summer average retail charge, above 550 kwh*** (see attached table and graph). Interim commercial and industrial rates would be set 10% below P.G. & E at 'bench mark' levels of consumption.*** Included in the Step 1 rates is a new Mobile Home Park Master-Meter Rate EM (adjusted to continue its previously established relationship to Residential Rate EA), a new Dusk-to-Dawn Lighting Schedule EL and Energy Purchase Schedule EP (both adjusted to reflect the increased cost of energy). Copies of all proposed rates were presented for Councils review.

It is anticipated that, when Step 2 retail rates are developed, a number of rate alternatives can be presented for Council's consideration.

- * Based on P.G. & E being the sole supplier of energy to the City.
- ** Average monthly residential consumption.
- *** Comparison based on P.G. & E retail rates effective January 1, 1982.

Council discussion followed with questions being directed to Staff. Mayor Pro Tempore Murphy indicated his concern over escalating energy costs and that he would be registrating a "no" on this matter in protest over recent PUC actions.

Councilman Hughes then moved for the adoption of Urgency Ordinance No. 125^ approving interim electric rates as proposed to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G. & E wholesale rate increase, Phase I).

The motion was seconded by Councilman Katnich and carried by the following vote:

- Ayes: Councilmen - Hughes, Katnich, Pinkerton and McCarty (Mayor)
- Noes: Councilmen - Murphy
- Absent: Councilmen - None

Council during the discussion on this matter asked the City Manager to provide a report on unbudgeted NCPA assessments to date.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL
FROM: THE CITY MANAGER'S OFFICE

DATE
January 4, 1982

NO.

SUBJECT: ELECTRIC RATE PROPOSAL

02945
00429
E.N.
-2 VO

RECOMMENDED ACTION: That the City Council approve interim electric rates as proposed herein, to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G.& E. wholesale rate increase, Phase I).

BACKGROUND INFORMATION: Phase I of the current P.G.&E. wholesale base rate increase became effective January 1, 1982. Purchase power costs have increased an average of \$265,000 a month* (26%), as a result. The Phase II increase is scheduled to become effective March 12, 1982, but its exact size is not known at this time.

The City is currently negotiating a power purchase contract with the Western Area Power Administration (WAPA) for lower cost energy from the Central Valley Project (CVP). It is anticipated that delivery of this energy will commence sometime during February, 1982. The amount of energy to be supplied at CVP rates will vary from month-to-month, but is estimated at 25% for the calendar year 1982.

Current City retail base rates were established in October, 1980. At that time, Residential Rate (EA) was set at City cost for 0-500 kwh, and less than P.G.&E.'s winter/summer average retail charge, above 550 kwh.** Commercial and industrial rates were set 5% below P.G.&E., at 'bench mark' levels of consumption, which are as follows:

Commercial/Small Industrial (EB)	1,550 kwh per month
Intermediate Industrial (S-I)	33,800 " " "
Large Industrial (S-II)	2,300,000 " " "

PROPOSAL DETAILS: It is proposed that the City adjust its electric rates in two steps; Step 1 at this time and Step 2 when sufficient information is known about the P.G.&E. Phase II increase and the delivery conditions of CVP energy.

An interim set of retail electric rates (Step 1) has been developed, which would allocate the P.G.&E. Phase I increase appropriately among all customer classifications. Residential Rate (EA) would be set at City cost for 0-500 kwh and would be considerably less than P.G.&E.'s winter/summer average retail charge, above 550 kwh*** (see attached table and graph). Interim commercial and industrial rates would be set 10% below P.G.&E., at 'bench mark' levels of consumption.*** Included in the Step 1 rates is a new Mobile Home Park Master-Meter Rate EM (adjusted to continue its previously established relationship to Residential Rate EA), a new Dusk-to-Dawn Lighting Schedule EL and Energy Purchase Schedule EP (both adjusted to reflect the increased cost of energy). Copies of all proposed rates are attached.

* Based on P.G.&E. being the sole supplier of energy to the City.

** Average monthly residential consumption.

*** Comparison based on P.G.&E. retail rates effective January 1, 1982.

The City Council
Page two
January 4, 1982

It is anticipated that, when Step 2 retail rates are developed, a number of rate alternatives can be presented for Council's consideration.



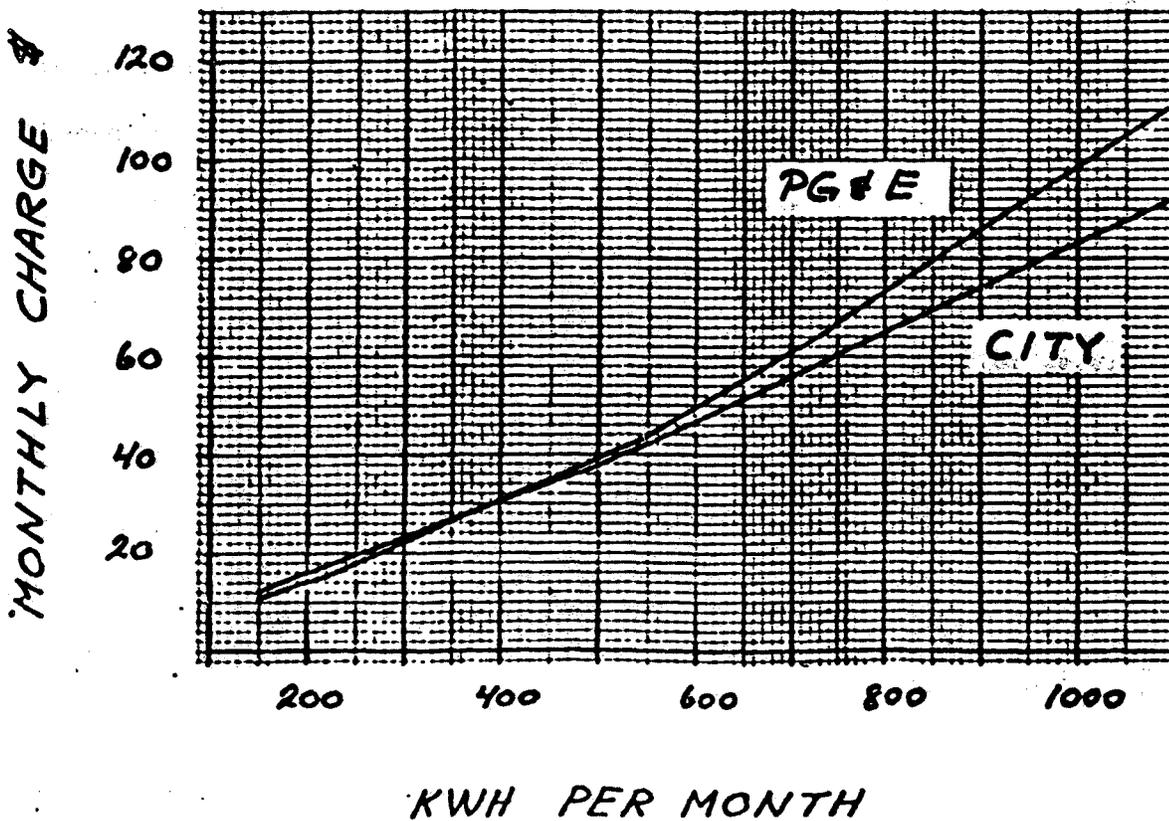
David K. Curry, Utility Director

Attach: (2)

RESIDENTIAL RATE COMPARISON*

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE ②

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
+ 10.0 %	+ 0.3 %	- 4.0 %	- 8.6 %	- 14.8 %



* January, 1982

SCHEDULE EA

DOMESTIC SERVICE

APPLICABILITY:

Domestic service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the City and to single-phase service used in common for residential purposes by tenants in multi-family dwellings.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr, per kwhr . . . . .	.03374
Over 500 kwhr, per kwhr . . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITIONS:

- (a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.
- (b) Service on this schedule will be supplied at the single-phase secondary voltage available - either 120/240 or 120/208 volts.

SCHEDULE EB

GENERAL SERVICE

APPLICABILITY:

General service is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Single-Phase Service:	
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
All kwhr, per kwhr . . . . .	.04948

Polyphase Service:

The single-phase rate plus \$1.20 per meter per month.

Minimum Charge:

\$2.85 per month, but not less than \$.90 per month per kva of connected welder load and per horsepower of polyphase connected motor load.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead lighting service where street light service is not available.

RATES:*

For each 6,000 lumen gas discharge lamp - \$9.20 per month.

For each 18,000 lumen gas discharge lamp - \$16.55 per month.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

CHARACTER OF SERVICE:

Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by City of Lodi Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by City of Lodi. Lamps will be controlled to burn from dusk to dawn each night so as to give approximately 4,380 hours of lighting service annually.

LAMP SERVICING AND RELOCATIONS:

Upon receipt of notice from customer of failure of light to operate as scheduled, the City of Lodi Utility Department will, within a reasonable period of time, make the necessary repairs.

City of Lodi will, at customer's request, relocate existing outdoor lighting service equipment, provided customer reimburses the City for the net expense to City incurred therewith.

Any additional facilities required other than mentioned in character of service shall be at customer's expense prior to installation.

* Include fuel cost adjustment, subject to change.

SCHEDULE EM

MULTI-FAMILY DOMESTIC SERVICE

APPLICABILITY:

Multi-family domestic service is applicable to domestic lighting, heating, cooking and power supplied to mobile home parks through a master-meter and sub-metered to all individual mobile home units.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.02945
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITION:

It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of mobile home spaces wired for service.

SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy purchase schedule EP is applicable to qualifying customer-owned alternating current generating facilities of 100 kw capacity or less, operating in parallel with the City's electric system.

RATE:

Energy Price	Per Meter Per Month
All purchased kwhr, per kwhr	\$0.02864

Fuel Cost Adjustment:

An amount equal to the product of the purchased kilowatt hours (per meter per month), times an adjustment amount per kilowatt hour, will be added to the price computed using the above rate. The adjustment amount per kilowatt hour will be equal to the P.G.&E. wholesale unit fuel cost adjustment for the month during which the energy is delivered.

SPECIAL CONDITIONS:

A contract is required for all energy purchased under this schedule.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

APPLICABILITY:

General service - demand metered is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATE I:

	Per Meter Per Month
Demand Charge:	
First 50 kw of billing demand or less	\$120.00
Over 50 kw of billing demand, per kw.	2.15
Energy Charge (in addition to the Demand Charge):	
All kwhr, per kwhr . . . . .	.03714

RATE II:

Demand Charge:	
First 1,000 kw of billing demand or less	\$3,000.00
Over 1,000 kw of billing demand, per kw	2.75
Energy Charge (in addition to the Demand Charge):	
First 500 kwhr per kw of billing demand, per kwhr. . . . .	.03497
All excess, per kwhr . . . . .	.01569

Minimum Charge, per month:

The Demand Charge constitutes the minimum charge for both rates I and II.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power. (The fuel cost adjustment amount is not subject to any adjustment for voltage or power factor.)

SPECIAL CONDITIONS:

(a) Maximum Demand: The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, a 30-minute interval may be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

(b) Billing Demand: The billing demand to be used in computing charges will be the mean of the actual maximum demand as determined under Special Condition (a) above for the current month and the highest such demand occurring in the year ending with the current month.

(c) Off-peak Demand: Any customer whose billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months may, upon request, for billing purposes, and under a contract for service for a period of five years, have demands ignored which occur between 10:30 p.m. and 6:30 a.m. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(d) Voltage: Service on this schedule will be supplied at the transmission or the primary distribution voltage available or, at the option of the customer, at the secondary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single phase, a four-wire service will be supplied.

(e) Voltage Discount: (1) When delivery hereunder is made at the same primary distribution voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the City has elected to supply service from a transmission line due to operating necessity, a discount will be allowed on the above charges, including the minimum charge. Rate I discount will be 4% of the demand and energy charge. Rate II discount will be 15¢ per kw of billing demand in the month. The City retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer than has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City.

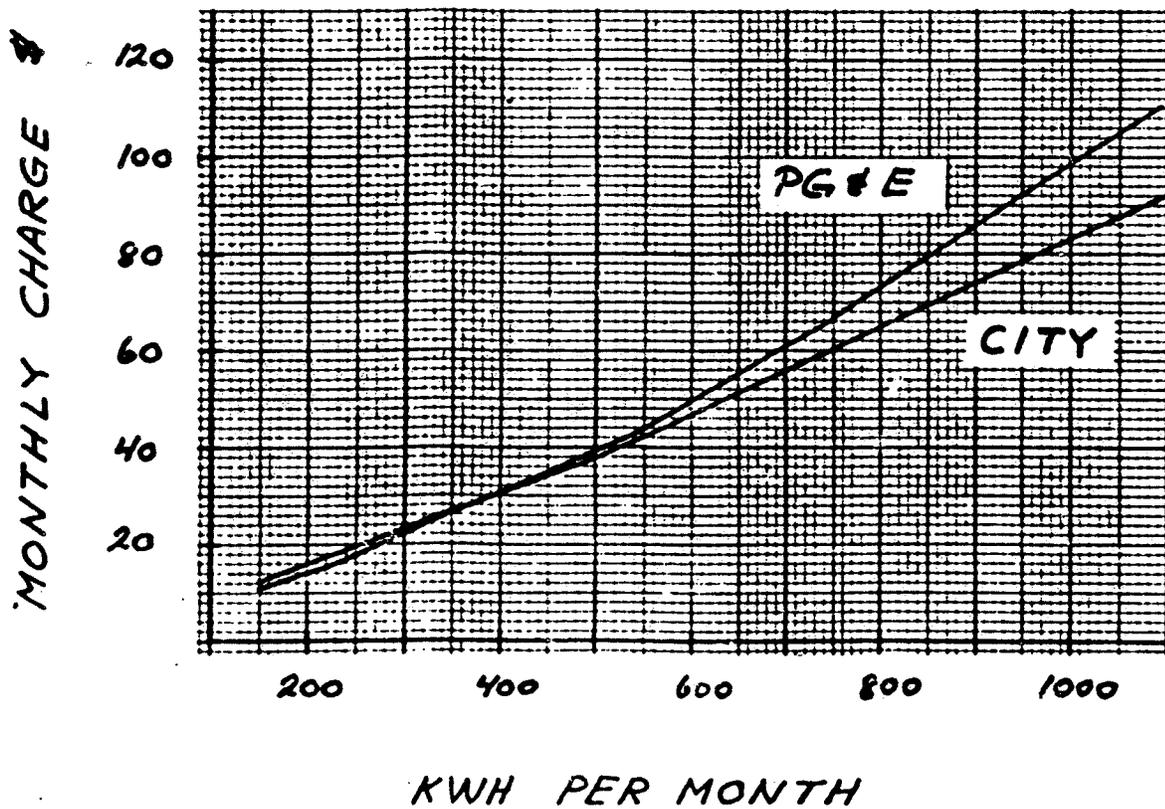
(f) Power Factor: When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

RESIDENTIAL RATE COMPARISON*

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE @

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
+ 10.0 %	+ 0.3 %	- 4.0 %	- 8.6 %	- 14.8 %



* January, 1982

SCHEDULE EA

DOMESTIC SERVICE

APPLICABILITY:

Domestic service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the City and to single-phase service used in common for residential purposes by tenants in multi-family dwellings.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr, per kwhr . . . . .	.03374
Over 500 kwhr, per kwhr . . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITIONS:

(a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.

(b) Service on this schedule will be supplied at the single-phase secondary voltage available - either 120/240 or 120/208 volts.

SCHEDULE EB

GENERAL SERVICE

APPLICABILITY:

General service is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Single-Phase Service:	
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
All kwhr, per kwhr . . . . .	.04948

Polyphase Service:

The single-phase rate plus \$1.20 per meter per month.

Minimum Charge:

\$2.85 per month, but not less than \$.90 per month per kva of connected welder load and per horsepower of polyphase connected motor load.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead lighting service where street light service is not available.

RATES:*

For each 6,000 lumen gas discharge lamp - \$9.20 per month.

For each 18,000 lumen gas discharge lamp - \$16.55 per month.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

CHARACTER OF SERVICE:

Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by City of Lodi Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by City of Lodi. Lamps will be controlled to burn from dusk to dawn each night so as to give approximately 4,380 hours of lighting service annually.

LAMP SERVICING AND RELOCATIONS:

Upon receipt of notice from customer of failure of light to operate as scheduled, the City of Lodi Utility Department will, within a reasonable period of time, make the necessary repairs.

City of Lodi will, at customer's request, relocate existing outdoor lighting service equipment, provided customer reimburses the City for the net expense to City incurred therewith.

Any additional facilities required other than mentioned in character of service shall be at customer's expense prior to installation.

* Include fuel cost adjustment, subject to change.

SCHEDULE EM

MULTI-FAMILY DOMESTIC SERVICE

APPLICABILITY:

Multi-family domestic service is applicable to domestic lighting, heating, cooking and power supplied to mobile home parks through a master-meter and sub-metered to all individual mobile home units.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.02945
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITION:

It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of mobile home spaces wired for service.

SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy purchase schedule EP is applicable to qualifying customer-owned alternating current generating facilities of 100 kw capacity or less, operating in parallel with the City's electric system.

RATE:

Energy Price	<u>Per Meter</u> <u>Per Month</u>
All purchased kwhr, per kwhr	\$0.02864

Fuel Cost Adjustment:

An amount equal to the product of the purchased kilowatt hours (per meter per month), times an adjustment amount per kilowatt hour, will be added to the price computed using the above rate. The adjustment amount per kilowatt hour will be equal to the P.G.&E. wholesale unit fuel cost adjustment for the month during which the energy is delivered.

SPECIAL CONDITIONS:

A contract is required for all energy purchased under this schedule.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

APPLICABILITY:

General service - demand metered is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATE I:

Demand Charge:

First 50 kw of billing demand or less	\$120.00
Over 50 kw of billing demand, per kw.	2.15

Per Meter
Per Month

Energy Charge (in addition to the Demand Charge):

All kwhr, per kwhr03714
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RATE II:

Demand Charge:

First 1,000 kw of billing demand or less	\$3,000.00
Over 1,000 kw of billing demand, per kw	2.75

Energy Charge (in addition to the Demand Charge):

First 300 kwhr per kw of billing demand, per kwhr. . . . .	.03497
All excess, per kwhr . . . . .	.01569

Minimum Charge, per month:

The Demand Charge constitutes the minimum charge for both rates I and II.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power. (The fuel cost adjustment amount is not subject to any adjustment for voltage or power factor.)

SPECIAL CONDITIONS:

(a) Maximum Demand: The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, a 30-minute interval may be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

- (b) Billing Demand: The billing demand to be used in computing charges will be the mean of the actual maximum demand as determined under Special Condition (a) above for the current month and the highest such demand occurring in the year ending with the current month.
- (c) Off-peak Demand: Any customer whose billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months may, upon request, for billing purposes, and under a contract for service for a period of five years, have demands ignored which occur between 10:30 p.m. and 6:30 a.m. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).
- (d) Voltage: Service on this schedule will be supplied at the transmission or the primary distribution voltage available or, at the option of the customer, at the secondary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single phase, a four-wire service will be supplied.
- (e) Voltage Discount: (1) When delivery hereunder is made at the same primary distribution voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the City has elected to supply service from a transmission line due to operating necessity, a discount will be allowed on the above charges, including the minimum charge. Rate I discount will be 4% of the demand and energy charge. Rate II discount will be 15¢ per kw of billing demand in the month. The City retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer than has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City.
- (f) Power Factor: When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:
- The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL

DATE

NO.

FROM: THE CITY MANAGER'S OFFICE

January 4, 1982

SUBJECT: ELECTRIC RATE PROPOSAL

RECOMMENDED ACTION: That the City Council approve interim electric rates as proposed herein, to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G.& E. wholesale rate increase, Phase I).

BACKGROUND INFORMATION: Phase I of the current P.G.&E. wholesale base rate increase became effective January 1, 1982. Purchase power costs have increased an average of \$265,000 a month* (26%), as a result. The Phase II increase is scheduled to become effective March 12, 1982, but its exact size is not known at this time.

The City is currently negotiating a power purchase contract with the Western Area Power Administration (WAPA) for lower cost energy from the Central Valley Project (CVP). It is anticipated that delivery of this energy will commence sometime during February, 1982. The amount of energy to be supplied at CVP rates will vary from month-to-month, but is estimated at 25% for the calendar year 1982.

Current City retail base rates were established in October, 1980. At that time, Residential Rate (EA) was set at City cost for 0-500 kwh, and less than P.G.&E.'s winter/summer average retail charge, above 550 kwh.** Commercial and industrial rates were set 5% below P.G.&E., at 'bench mark' levels of consumption, which are as follows:

Commercial/Small Industrial (EB)	1,550 kwh per month
Intermediate Industrial (S-I)	33,800 " " "
Large Industrial (S-II)	2,300,000 " " "

PROPOSAL DETAILS: It is proposed that the City adjust its electric rates in two steps; Step 1 at this time and Step 2 when sufficient information is known about the P.G.&E. Phase II increase and the delivery conditions of CVP energy.

An interim set of retail electric rates (Step 1) has been developed, which would allocate the P.G.&E. Phase I increase appropriately among all customer classifications. Residential Rate (EA) would be set at City cost for 0-500 kwh and would be considerably less than P.G.&E.'s winter/summer average retail charge, above 550 kwh*** (see attached table and graph). Interim commercial and industrial rates would be set 10% below P.G.&E., at 'bench mark' levels of consumption.*** Included in the Step 1 rates is a new Mobile Home Park Master-Meter Rate EM (adjusted to continue its previously established relationship to Residential Rate EA), a new Dusk-to-Dawn Lighting Schedule EL and Energy Purchase Schedule EP (both adjusted to reflect the increased cost of energy). Copies of all proposed rates are attached.

* Based on P.G.&E. being the sole supplier of energy to the City.

** Average monthly residential consumption.

*** Comparison based on P.G.&E. retail rates effective January 1, 1982.

The City Council
Page two
January 4, 1982

It is anticipated that, when Step 2 retail rates are developed, a number of rate alternatives can be presented for Council's consideration.



David K. Curry, Utility Director

Attach. (2)

SCHEDULE EA

DOMESTIC SERVICE

APPLICABILITY:

Domestic service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the City and to single-phase service used in common for residential purposes by tenants in multi-family dwellings.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr, per kwhr . . . . .	.03374
Over 500 kwhr, per kwhr . . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITIONS:

- (a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.
- (b) Service on this schedule will be supplied at the single-phase secondary voltage available - either 120/240 or 120/208 volts.

SCHEDULE EB

GENERAL SERVICE

APPLICABILITY:

General service is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter Per Month</u>
Single-Phase Service:	
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
All kwhr, per kwhr . . . . .	.04948

Polyphase Service:

The single-phase rate plus \$1.20 per meter per month.

Minimum Charge:

\$2.85 per month, but not less than \$.90 per month per kva of connected welder load and per horsepower of polyphase connected motor load.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

Sh
check in out PG&E
figures in street
city-owned

SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead lighting service where street light service is not available.

RATES:*

For each 6,000 lumen gas discharge lamp - \$9.20 per month.

For each 18,000 lumen gas discharge lamp - \$16.55 per month.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

CHARACTER OF SERVICE:

Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by City of Lodi Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by City of Lodi. Lamps will be controlled to burn from dusk to dawn each night so as to give approximately 4,380 hours of lighting service annually.

LAMP SERVICING AND RELOCATIONS:

Upon receipt of notice from customer of failure of light to operate as scheduled, the City of Lodi Utility Department will, within a reasonable period of time, make the necessary repairs.

City of Lodi will, at customer's request, relocate existing outdoor lighting service equipment, provided customer reimburses the City for the net expense to City incurred therewith.

Any additional facilities required other than mentioned in character of service shall be at customer's expense prior to installation.

* Include fuel cost adjustment, subject to change.

SCHEDULE EM

MULTI-FAMILY DOMESTIC SERVICE

APPLICABILITY:

Multi-family domestic service is applicable to domestic lighting, heating, cooking and power supplied to mobile home parks through a master-meter and sub-metered to all individual mobile home units.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.02945
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITION:

It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of mobile home spaces wired for service.

SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy purchase schedule EP is applicable to qualifying customer-owned alternating current generating facilities of 100 kw capacity or less, operating in parallel with the City's electric system.

RATE:

Energy Price	<u>Per Meter</u> <u>Per Month</u>
All purchased kwhr, per kwhr	\$0.02864

Fuel Cost Adjustment:

An amount equal to the product of the purchased kilowatt hours (per meter per month), times an adjustment amount per kilowatt hour, will be added to the price computed using the above rate. The adjustment amount per kilowatt hour will be equal to the P.G.&E. wholesale unit fuel cost adjustment for the month during which the energy is delivered.

SPECIAL CONDITIONS:

A contract is required for all energy purchased under this schedule.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

APPLICABILITY:

General service - demand metered is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATE I:

	Per Meter Per Month
Demand Charge:	
First 50 kw of billing demand or less	\$120.00
Over 50 kw of billing demand, per kw.	2.15
Energy Charge (in addition to the Demand Charge):	
All kwhr, per kwhr . . . . .	.03714

RATE II:

Demand Charge:	
First 1,000 kw of billing demand or less	\$3,000.00
Over 1,000 kw of billing demand, per kw	2.75
Energy Charge (in addition to the Demand Charge):	
First 500 kwhr per kw of billing demand, per kwhr. . . . .	.03497
All excess, per kwhr . . . . .	.01569
Minimum Charge, per month:	
The Demand Charge constitutes the minimum charge for both rates I and II.	

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power. (The fuel cost adjustment amount is not subject to any adjustment for voltage or power factor.)

SPECIAL CONDITIONS:

(a) Maximum Demand: The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, a 30-minute interval may be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

(b) **Billing Demand:** The billing demand to be used in computing charges will be the mean of the actual maximum demand as determined under Special Condition (a) above for the current month and the highest such demand occurring in the year ending with the current month.

(c) **Off-peak Demand:** Any customer whose billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months may, upon request, for billing purposes, and under a contract for service for a period of five years, have demands ignored which occur between 10:30 p.m. and 6:30 a.m. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(d) **Voltage:** Service on this schedule will be supplied at the transmission or the primary distribution voltage available or, at the option of the customer, at the secondary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single phase, a four-wire service will be supplied.

(e) **Voltage Discount:** (1) When delivery hereunder is made at the same primary distribution voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the City has elected to supply service from a transmission line due to operating necessity, a discount will be allowed on the above charges, including the minimum charge. Rate I discount will be 4% of the demand and energy charge. Rate II discount will be 15¢ per kw of billing demand in the month. The City retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer than has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City.

(f) **Power Factor:** When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL

DATE

NO.

FROM: THE CITY MANAGER'S OFFICE

January 4, 1982

SUBJECT: ELECTRIC RATE PROPOSAL

RECOMMENDED ACTION: That the City Council approve interim electric rates as proposed herein, to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G.& E. wholesale rate increase, Phase I).

BACKGROUND INFORMATION: Phase I of the current P.G.&E. wholesale base rate increase became effective January 1, 1982. Purchase power costs have increased an average of \$265,000 a month* (26%), as a result. The Phase II increase is scheduled to become effective March 12, 1982, but its exact size is not known at this time.

The City is currently negotiating a power purchase contract with the Western Area Power Administration (WAPA) for lower cost energy from the Central Valley Project (CVP). It is anticipated that delivery of this energy will commence sometime during February, 1982. The amount of energy to be supplied at CVP rates will vary from month-to-month, but is estimated at 25% for the calendar year 1982.

Current City retail base rates were established in October, 1980. At that time, Residential Rate (EA) was set at City cost for 0-500 kwh, and less than P.G.&E.'s winter/summer average retail charge, above 550 kwh.** Commercial and industrial rates were set 5% below P.G.&E., at 'bench mark' levels of consumption, which are as follows:

Commercial/Small Industrial (EB)	1,550 kwh per month
Intermediate Industrial (S-I)	33,800 " " "
Large Industrial (S-II)	2,300,000 " " "

PROPOSAL DETAILS: It is proposed that the City adjust its electric rates in two steps; Step 1 at this time and Step 2 when sufficient information is known about the P.G.&E. Phase II increase and the delivery conditions of CVP energy.

An interim set of retail electric rates (Step 1) has been developed, which would allocate the P.G.&E. Phase I increase appropriately among all customer classifications. Residential Rate (EA) would be set at City cost for 0-500 kwh and would be considerably less than P.G.&E.'s winter/summer average retail charge, above 550 kwh*** (see attached table and graph). Interim commercial and industrial rates would be set 10% below P.G.&E., at 'bench mark' levels of consumption.*** Included in the Step 1 rates is a new Mobile Home Park Master-Meter Rate EM (adjusted to continue its previously established relationship to Residential Rate EA), a new Dusk-to-Dawn Lighting Schedule EL and Energy Purchase Schedule EP (both adjusted to reflect the increased cost of energy). Copies of all proposed rates are attached.

* Based on P.G.&E. being the sole supplier of energy to the City.

** Average monthly residential consumption.

*** Comparison based on P.G.&E. retail rates effective January 1, 1982.

The City Council
Page two
January 4, 1982

It is anticipated that, when Step 2 retail rates are developed, a number of rate alternatives can be presented for Council's consideration.



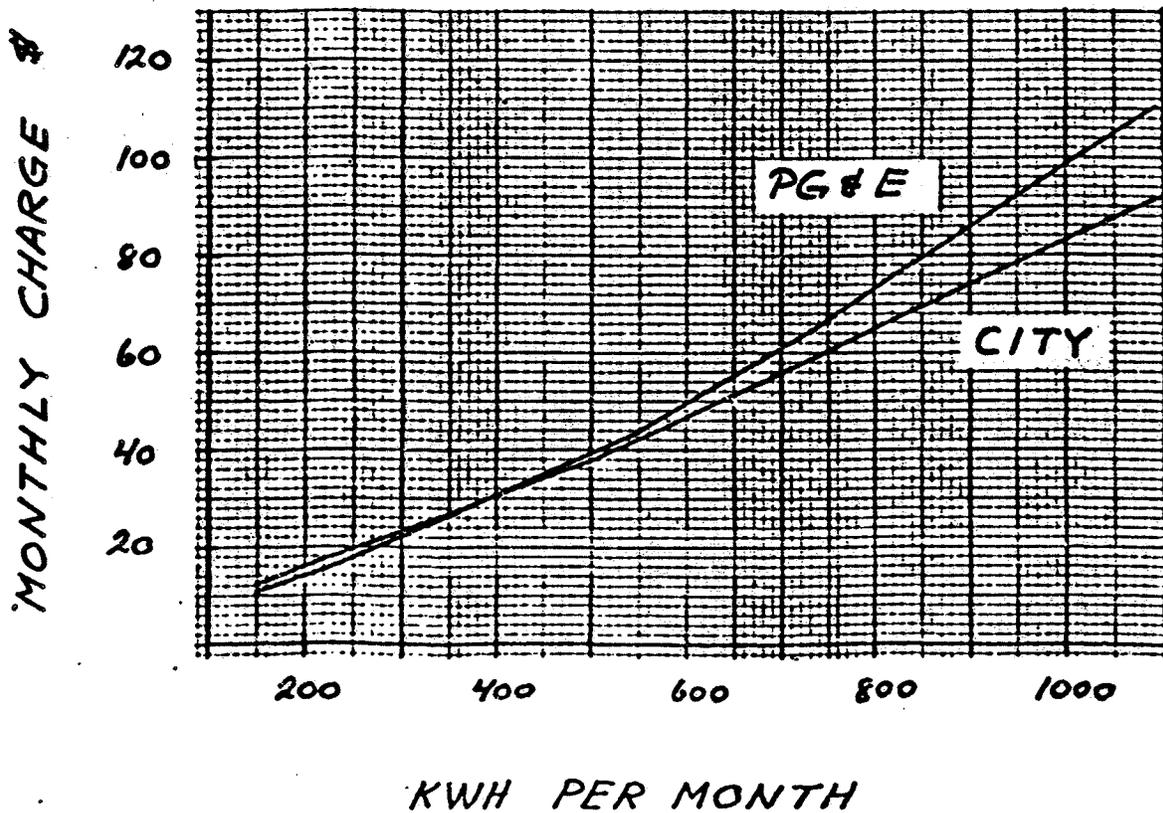
David K. Curry, Utility Director

Attach. (2)

RESIDENTIAL RATE COMPARISON*

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE ②

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
+ 10.0 %	+ 0.3 %	- 4.0 %	- 8.6 %	- 14.8 %



* January, 1982

SCHEDULE EA

DOMESTIC SERVICE

APPLICABILITY:

Domestic service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the City and to single-phase service used in common for residential purposes by tenants in multi-family dwellings.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr, per kwhr . . . . .	.03374
Over 500 kwhr, per kwhr . . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITIONS:

- (a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.
- (b) Service on this schedule will be supplied at the single-phase secondary voltage available - either 120/240 or 120/208 volts.

SCHEDULE EB

GENERAL SERVICE

APPLICABILITY:

General service is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Single-Phase Service:	
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
All kwhr, per kwhr . . . . .	.04948

Polyphase Service:

The single-phase rate plus \$1.20 per meter per month.

Minimum Charge:

\$2.85 per month, but not less than \$.90 per month per kva of connected welder load and per horsepower of polyphase connected motor load.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead lighting service where street light service is not available.

RATES:*

For each 6,000 lumen gas discharge lamp - \$9.20 per month.

For each 18,000 lumen gas discharge lamp - \$16.55 per month.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

CHARACTER OF SERVICE:

Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by City of Lodi Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by City of Lodi. Lamps will be controlled to burn from dusk to dawn each night so as to give approximately 4,380 hours of lighting service annually.

LAMP SERVICING AND RELOCATIONS:

Upon receipt of notice from customer of failure of light to operate as scheduled, the City of Lodi Utility Department will, within a reasonable period of time, make the necessary repairs.

City of Lodi will, at customer's request, relocate existing outdoor lighting service equipment, provided customer reimburses the City for the net expense to City incurred therewith.

Any additional facilities required other than mentioned in character of service shall be at customer's expense prior to installation.

* Include fuel cost adjustment, subject to change.

SCHEDULE EM

MULTI-FAMILY DOMESTIC SERVICE

APPLICABILITY:

Multi-family domestic service is applicable to domestic lighting, heating, cooking and power supplied to mobile home parks through a master-meter and sub-metered to all individual mobile home units.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.02945
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITION:

It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of mobile home spaces wired for service.

SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy purchase schedule EP is applicable to qualifying customer-owned alternating current generating facilities of 100 kw capacity or less, operating in parallel with the City's electric system.

RATE:

Energy Price	<u>Per Meter Per Month</u>
All purchased kwhr, per kwhr	\$0.02864

Fuel Cost Adjustment:

An amount equal to the product of the purchased kilowatt hours (per meter per month), times an adjustment amount per kilowatt hour, will be added to the price computed using the above rate. The adjustment amount per kilowatt hour will be equal to the P.G.&E. wholesale unit fuel cost adjustment for the month during which the energy is delivered.

SPECIAL CONDITIONS:

A contract is required for all energy purchased under this schedule.

Effective January 7, 1982.

Ordinance No. . .

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

APPLICABILITY:

General service - demand metered is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATE I:

Demand Charge:

	Per Meter Per Month
First 50 kw of billing demand or less	\$120.00
Over 50 kw of billing demand, per kw.	2.15

Energy Charge (in addition to the Demand Charge):

All kwhr, per kwhr03714
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RATE II:

Demand Charge:

First 1,000 kw of billing demand or less	\$3,000.00
Over 1,000 kw of billing demand, per kw	2.75

Energy Charge (in addition to the Demand Charge):

First 500 kwhr per kw of billing demand, per kwhr. . . . .	.03497
All excess, per kwhr . . . . .	.01569

Minimum Charge, per month:

The Demand Charge constitutes the minimum charge for both rates I and II.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power. (The fuel cost adjustment amount is not subject to any adjustment for voltage or power factor.)

SPECIAL CONDITIONS:

(a) **Maximum Demand:** The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, a 30-minute interval may be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

(b) **Billing Demand:** The billing demand to be used in computing charges will be the mean of the actual maximum demand as determined under Special Condition (a) above for the current month and the highest such demand occurring in the year ending with the current month.

(c) **Off-peak Demand:** Any customer whose billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months may, upon request, for billing purposes, and under a contract for service for a period of five years, have demands ignored which occur between 10:30 p.m. and 6:30 a.m. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(d) **Voltage:** Service on this schedule will be supplied at the transmission or the primary distribution voltage available or, at the option of the customer, at the secondary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single phase, a four-wire service will be supplied.

(e) **Voltage Discount:** (1) When delivery hereunder is made at the same primary distribution voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the City has elected to supply service from a transmission line due to operating necessity, a discount will be allowed on the above charges, including the minimum charge. Rate I discount will be 4% of the demand and energy charge. Rate II discount will be 15¢ per kw of billing demand in the month. The City retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer than has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City.

(f) **Power Factor:** When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL
FROM: THE CITY MANAGER'S OFFICE

DATE
January 4, 1982

NO.

SUBJECT: ELECTRIC RATE PROPOSAL

RECOMMENDED ACTION: That the City Council approve interim electric rates as proposed herein, to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G.&E. wholesale rate increase, Phase I).

BACKGROUND INFORMATION: Phase I of the current P.G.&E. wholesale base rate increase became effective January 1, 1982. Purchase power costs have increased an average of \$265,000 a month* (26%), as a result. The Phase II increase is scheduled to become effective March 12, 1982, but its exact size is not known at this time.

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Current City retail base rates were established in October, 1980. At that time, Residential Rate (EA) was set at City cost for 0-500 kwh, and less than P.G.&E.'s winter/summer average retail charge, above 550 kwh.** Commercial and industrial rates were set 5% below P.G.&E., at 'bench mark' levels of consumption, which are as follows:

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PROPOSAL DETAILS: It is proposed that the City adjust its electric rates in two steps; Step 1 at this time and Step 2 when sufficient information is known about the P.G.&E. Phase II increase and the delivery conditions of CVP energy.

An interim set of retail electric rates (Step 1) has been developed, which would allocate the P.G.&E. Phase I increase appropriately among all customer classifications. Residential Rate (EA) would be set at City cost for 0-500 kwh and would be considerably less than P.G.&E.'s winter/summer average retail charge, above 550 kwh*** (see attached table and graph). Interim commercial and industrial rates would be set 10% below P.G.&E., at 'bench mark' levels of consumption.*** Included in the Step 1 rates is a new Mobile Home Park Master-Meter Rate EM (adjusted to continue its previously established relationship to Residential Rate EA), a new Dusk-to-Dawn Lighting Schedule EL and Energy Purchase Schedule EP (both adjusted to reflect the increased cost of energy). Copies of all proposed rates are attached.

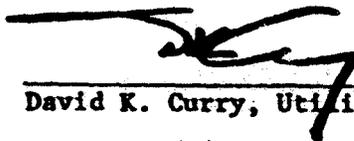
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** Average monthly residential consumption.

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The City Council
Page two
January 4, 1982

It is anticipated that, when Step 2 retail rates are developed, a number of rate alternatives can be presented for Council's consideration.



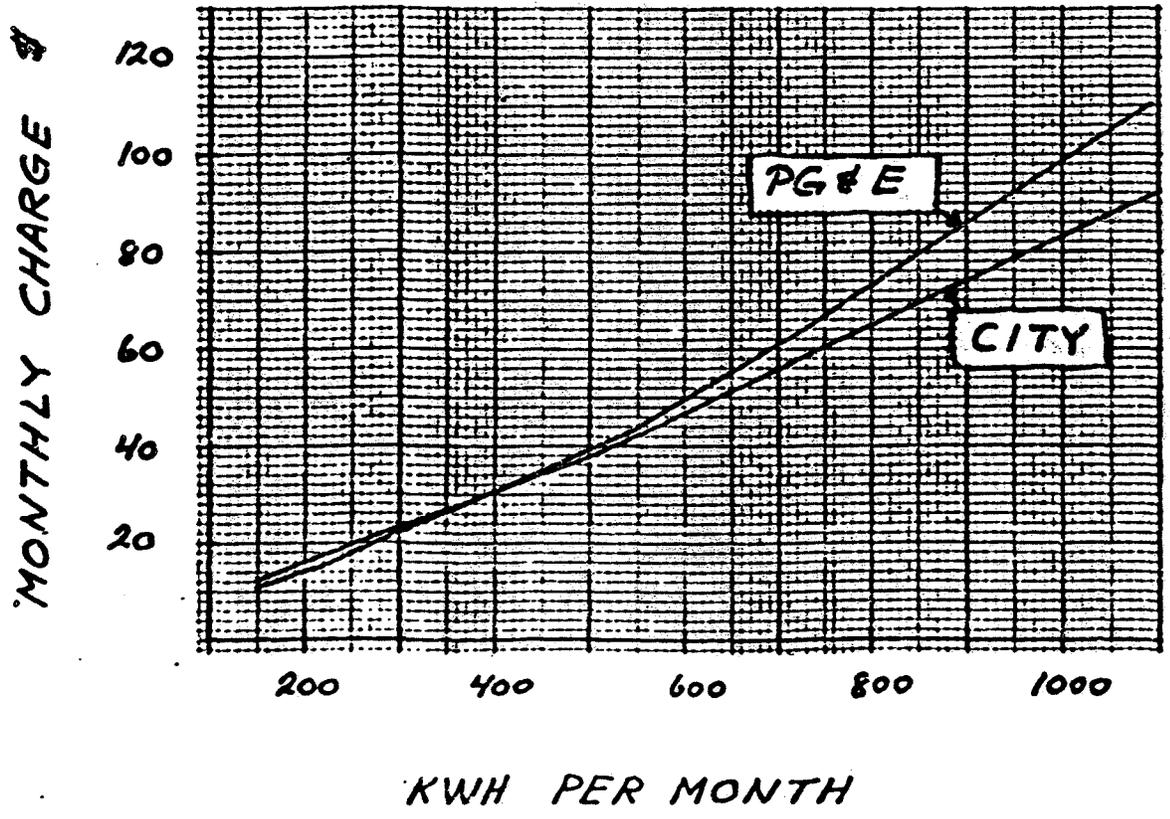
David K. Curry, Utility Director

Attach. (2)

RESIDENTIAL RATE COMPARISON*

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
+ 10.0 %	+ 0.3 %	- 4.0 %	- 8.6 %	- 14.8 %



* January, 1982

Section

Debbie Hoyer

EPA Group to Forward

in 2001

- status?

Phit store - NCPA.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL	DATE	NO.
FROM: THE CITY MANAGER'S OFFICE	January 4, 1982	
SUBJECT: ELECTRIC RATE PROPOSAL		

RECOMMENDED ACTION: That the City Council approve interim electric rates as proposed herein, to become effective with utility bills prepared on or after January 7, 1982 (next billing cycle following implementation of P.G.& E. wholesale rate increase, Phase I).

BACKGROUND INFORMATION: Phase I of the current P.G.&E. wholesale base rate increase became effective January 1, 1982. Purchase power costs have increased an average of \$265,000 a month* (26%), as a result. The Phase II increase is scheduled to become effective March 12, 1982, but its exact size is not known at this time.

The City is currently negotiating a power purchase contract with the Western Area Power Administration (WAPA) for lower cost energy from the Central Valley Project (CVP). It is anticipated that delivery of this energy will commence sometime during February, 1982. The amount of energy to be supplied at CVP rates will vary from month-to-month, but is estimated at 25% for the calendar year 1982.

Current City retail base rates were established in October, 1980. At that time, Residential Rate (EA) was set at City cost for 0-500 kwh, and less than P.G.&E.'s winter/summer average retail charge, above 550 kwh.** Commercial and industrial rates were set 5% below P.G.&E., at 'bench mark' levels of consumption, which are as follows:

Commercial/Small Industrial (EB)	1,550 kwh per month
Intermediate Industrial (S-I)	33,800 " " "
Large Industrial (S-II)	2,300,000 " " "

PROPOSAL DETAILS: It is proposed that the City adjust its electric rates in two steps; Step 1 at this time and Step 2 when sufficient information is known about the P.G.&E. Phase II increase and the delivery conditions of CVP energy.

An interim set of retail electric rates (Step 1) has been developed, which would allocate the P.G.&E. Phase I increase appropriately among all customer classifications. Residential Rate (EA) would be set at City cost for 0-500 kwh and would be considerably less than P.G.&E.'s winter/summer average retail charge, above 550 kwh*** (see attached table and graph). Interim commercial and industrial rates would be set 10% below P.G.&E., at 'bench mark' levels of consumption.*** Included in the Step 1 rates is a new Mobile Home Park Master-Meter Rate EM (adjusted to continue its previously established relationship to Residential Rate EA), a new Dusk-to-Dawn Lighting Schedule EL and Energy Purchase Schedule EP (both adjusted to reflect the increased cost of energy). Copies of all proposed rates are attached.

* Based on P.G.&E. being the sole supplier of energy to the City.
** Average monthly residential consumption.
*** Comparison based on P.G.&E. retail rates effective January 1, 1982.

The City Council
Page two
January 4, 1982

It is anticipated that, when Step 2 retail rates are developed, a number of rate alternatives can be presented for Council's consideration.



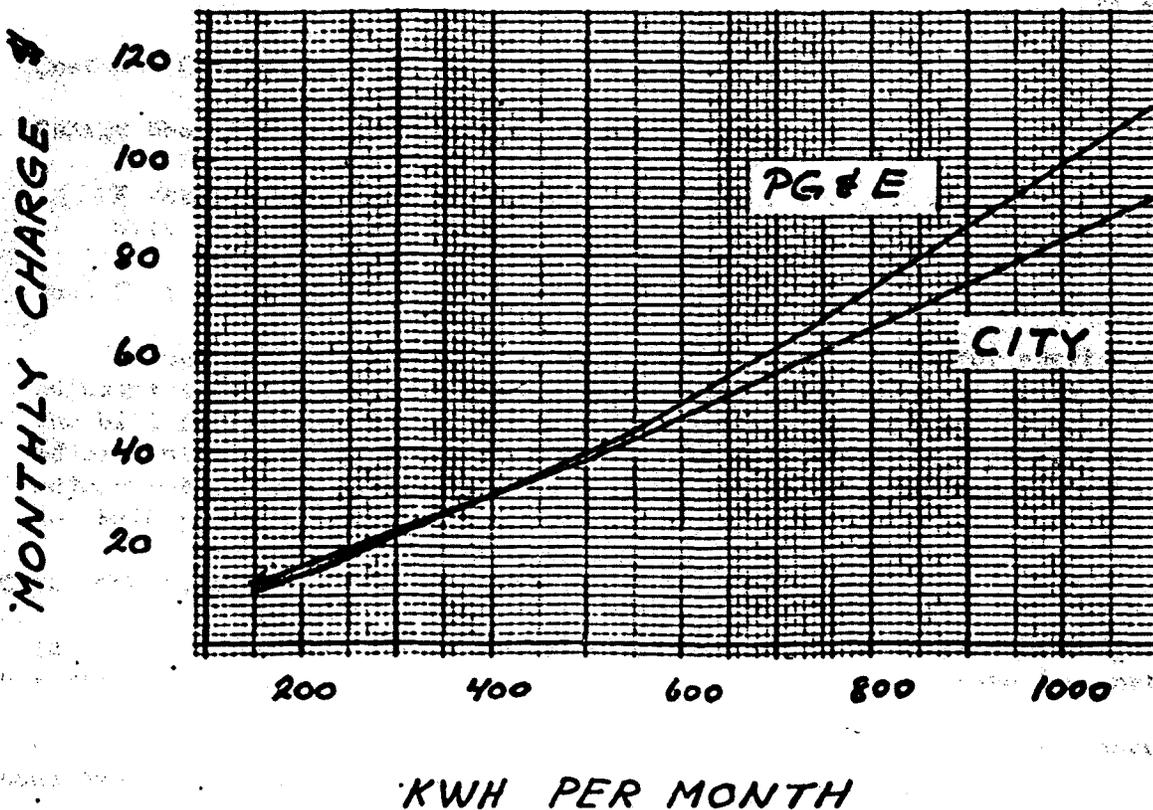
David K. Curry, Utility Director

Attach. (2)

RESIDENTIAL RATE COMPARISON*

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE Ⓢ

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
+ 10.0 %	+ 0.3 %	- 4.0 %	- 8.6 %	- 14.8 %



* January, 1982

SCHEDULE EA

DOMESTIC SERVICE

APPLICABILITY:

Domestic service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the City and to single-phase service used in common for residential purposes by tenants in multi-family dwellings.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr, per kwhr . . . . .	.03374
Over 500 kwhr, per kwhr . . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITIONS:

- (a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.
- (b) Service on this schedule will be supplied at the single-phase secondary voltage available - either 120/240 or 120/208 volts.

SCHEDULE EB

GENERAL SERVICE

APPLICABILITY:

General service is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Single-Phase Service:	
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
All kwhr, per kwhr . . . . .	.04948

Polyphase Service:

The single-phase rate plus \$1.20 per meter per month.

Minimum Charge:

\$2.85 per month, but not less than \$.90 per month per kva of connected welder load and per horsepower of polyphase connected motor load.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead lighting service where street light service is not available.

RATES:*

For each 6,000 lumen gas discharge lamp - \$9.20 per month.

For each 18,000 lumen gas discharge lamp - \$16.55 per month.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

CHARACTER OF SERVICE:

Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by City of Lodi Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by City of Lodi. Lamps will be controlled to burn from dusk to dawn each night so as to give approximately 4,380 hours of lighting service annually.

LAMP SERVICING AND RELOCATIONS:

Upon receipt of notice from customer of failure of light to operate as scheduled, the City of Lodi Utility Department will, within a reasonable period of time, make the necessary repairs.

City of Lodi will, at customer's request, relocate existing outdoor lighting service equipment, provided customer reimburses the City for the net expense to City incurred therewith.

Any additional facilities required other than mentioned in character of service shall be at customer's expense prior to installation.

* Include fuel cost adjustment, subject to change.

SCHEDULE EM

MULTI-FAMILY DOMESTIC SERVICE

APPLICABILITY:

Multi-family domestic service is applicable to domestic lighting, heating, cooking and power supplied to mobile home parks through a master-meter and sub-metered to all individual mobile home units.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr. per mobile home space wired for service, per kwhr. . . . .	.02945
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITION:

It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of mobile home spaces wired for service.

SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy purchase schedule EP is applicable to qualifying customer-owned alternating current generating facilities of 100 kw capacity or less, operating in parallel with the City's electric system.

RATE:

Energy Price	<u>Per Meter</u> <u>Per Month</u>
All purchased kwhr, per kwhr	\$0.02864

Fuel Cost Adjustment:

An amount equal to the product of the purchased kilowatt hours (per meter per month), times an adjustment amount per kilowatt hour, will be added to the price computed using the above rate. The adjustment amount per kilowatt hour will be equal to the P.G.&E. wholesale unit fuel cost adjustment for the month during which the energy is delivered.

SPECIAL CONDITIONS:

A contract is required for all energy purchased under this schedule.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

APPLICABILITY:

General service - demand metered is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATE I:

Demand Charge:

	<u>Per Meter</u>
	<u>Per Month</u>
First 50 kw of billing demand or less	\$120.00
Over 50 kw of billing demand, per kw.	2.15

Energy Charge (in addition to the Demand Charge):

All kwhr, per kwhr03714
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RATE II:

Demand Charge:

First 1,000 kw of billing demand or less	\$3,000.00
Over 1,000 kw of billing demand, per kw	2.75

Energy Charge (in addition to the Demand Charge):

First 500 kwhr per kw of billing demand, per kwhr. . . . .	.03497
All excess, per kwhr . . . . .	.01569

Minimum Charge, per month:

The Demand Charge constitutes the minimum charge for both rates I and II.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power. (The fuel cost adjustment amount is not subject to any adjustment for voltage or power factor.)

SPECIAL CONDITIONS:

(a) Maximum Demand: The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, a 30-minute interval may be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

(b) Billing Demand: The billing demand to be used in computing charges will be the mean of the actual maximum demand as determined under Special Condition (a) above for the current month and the highest such demand occurring in the year ending with the current month.

(c) Off-peak Demand: Any customer whose billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months may, upon request, for billing purposes, and under a contract for service for a period of five years, have demands ignored which occur between 10:30 p.m. and 6:30 a.m. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(d) Voltage: Service on this schedule will be supplied at the transmission or the primary distribution voltage available or, at the option of the customer, at the secondary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single phase, a four-wire service will be supplied.

(e) Voltage Discount: (1) When delivery hereunder is made at the same primary distribution voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the City has elected to supply service from a transmission line due to operating necessity, a discount will be allowed on the above charges, including the minimum charge. Rate I discount will be 4% of the demand and energy charge. Rate II discount will be 15¢ per kw of billing demand in the month. The City retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer than has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City.

(f) Power Factor: When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL	DATE	NO.
FROM: THE CITY MANAGER'S OFFICE	January 4, 1982	
SUBJECT: ELECTRIC RATE PROPOSAL		

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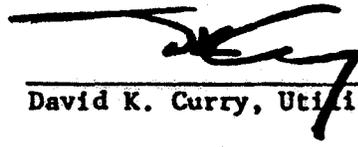
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The City Council
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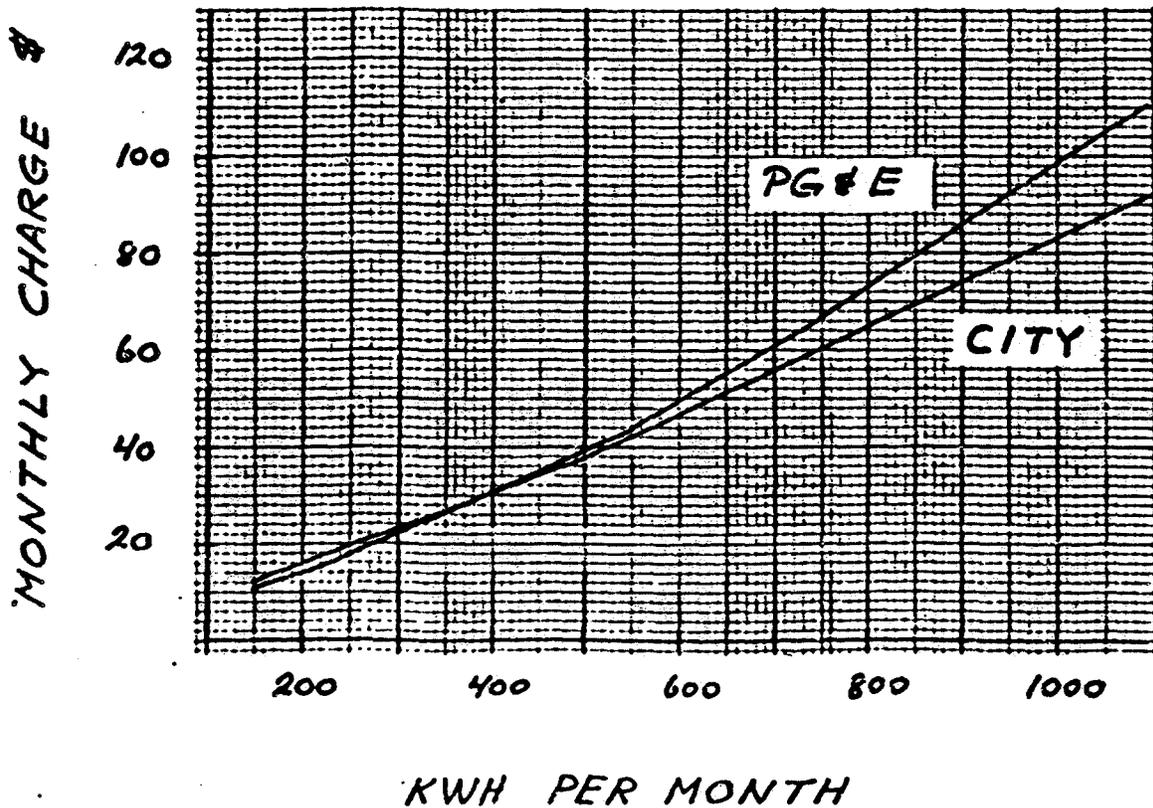
David K. Curry, Utility Director

Attach. (2)

RESIDENTIAL RATE COMPARISON*

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE @

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* January, 1982

SCHEDULE EA

DOMESTIC SERVICE

APPLICABILITY:

Domestic service is applicable to domestic lighting, heating, cooking and single-phase domestic power service in single-family dwellings and in flats and apartments separately metered by the City and to single-phase service used in common for residential purposes by tenants in multi-family dwellings.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr, per kwhr . . . . .	.03374
Over 500 kwhr, per kwhr . . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITIONS:

- (a) When a business or commercial establishment is conducted in conjunction with a residence and both are measured through one meter, this rate does not apply.
- (b) Service on this schedule will be supplied at the single-phase secondary voltage available - either 120/240 or 120/208 volts.

SCHEDULE EB

GENERAL SERVICE

APPLICABILITY:

General service is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Single-Phase Service:	
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
All kwhr, per kwhr . . . . .	.04948

Polyphase Service:

The single-phase rate plus \$1.20 per meter per month.

Minimum Charge:

\$2.85 per month, but not less than \$.90 per month per kva of connected waldler load and per horsepower of polyphase connected motor load.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SCHEDULE EL

OUTDOOR DUSK-TO-DAWN LIGHTING

APPLICABILITY:

Outdoor dusk-to-dawn lighting is applicable to City-owned and maintained outdoor overhead lighting service where street light service is not available.

RATES:*

For each 6,000 lumen gas discharge lamp - \$9.20 per month.

For each 18,000 lumen gas discharge lamp - \$16.55 per month.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

CHARACTER OF SERVICE:

Lamps shall be approximately 6,000 or 18,000 lumen gas discharge with luminaire and bracket, as specified by City of Lodi Utility Department, and shall be supported on City-owned poles which are used to carry distribution system circuits for other City purposes and shall be at locations approved by City of Lodi. Lamps will be controlled to burn from dusk to dawn each night so as to give approximately 4,380 hours of lighting service annually.

LAMP SERVICING AND RELOCATIONS:

Upon receipt of notice from customer of failure of light to operate as scheduled, the City of Lodi Utility Department will, within a reasonable period of time, make the necessary repairs.

City of Lodi will, at customer's request, relocate existing outdoor lighting service equipment, provided customer reimburses the City for the net expense to City incurred therewith.

Any additional facilities required other than mentioned in character of service shall be at customer's expense prior to installation.

* Include fuel cost adjustment, subject to change.

SCHEDULE EM

MULTI-FAMILY DOMESTIC SERVICE

APPLICABILITY:

Multi-family domestic service is applicable to domestic lighting, heating, cooking and power supplied to mobile home parks through a master-meter and sub-metered to all individual mobile home units.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATES:

	<u>Per Meter</u> <u>Per Month</u>
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 500 kwhr. per mobile home space wired for service, per kwhr. . . . .	.02945
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05429

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power.

SPECIAL CONDITION:

It is the responsibility of the customer to notify the City Finance Department within 15 days following any change in the number of mobile home spaces wired for service.

SCHEDULE EP

ENERGY PURCHASE

APPLICABILITY:

Energy purchase schedule EP is applicable to qualifying customer-owned alternating current generating facilities of 100 kw capacity or less, operating in parallel with the City's electric system.

RATE:

Energy Price	Per Meter <u>Per Month</u>
All purchased kwhr, per kwhr	\$0.02864

Fuel Cost Adjustment:

An amount equal to the product of the purchased kilowatt hours (per meter per month), times an adjustment amount per kilowatt hour, will be added to the price computed using the above rate. The adjustment amount per kilowatt hour will be equal to the P.G.&E. wholesale unit fuel cost adjustment for the month during which the energy is delivered.

SPECIAL CONDITIONS:

A contract is required for all energy purchased under this schedule.

Effective January 7, 1982

Ordinance No.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

APPLICABILITY:

General service - demand metered is applicable to single-phase or polyphase alternating current service, or to a combination thereof.

RELIABILITY:

The City will endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular or defective or fail from causes beyond its control or through ordinary negligence of employees, servants or agents, the City will not be liable.

RATE I:

Demand Charge:

	Per Meter Per Month
First 50 kw of billing demand or less	\$120.00
Over 50 kw of billing demand, per kw.	2.15

Energy Charge (in addition to the Demand Charge):

All kwhr, per kwhr03714
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RATE II:

Demand Charge:

First 1,000 kw of billing demand or less	\$3,000.00
Over 1,000 kw of billing demand, per kw	2.75

Energy Charge (in addition to the Demand Charge):

First 500 kwhr per kw of billing demand, per kwhr. . . . .	.03497
All excess, per kwhr . . . . .	.01569

Minimum Charge, per month:

The Demand Charge constitutes the minimum charge for both rates I and II.

Fuel Cost Adjustment:

A fuel cost adjustment will be included in each bill for service. The adjustment amount shall be the product of the total kilowatt hours for which the bill is rendered times the adjustment amount per kilowatt hour. The adjustment amount per kilowatt hour will be calculated to recover fuel cost adjustment amounts charged to the City by the Pacific Gas and Electric Co. for bulk power. (The fuel cost adjustment amount is not subject to any adjustment for voltage or power factor.)

SPECIAL CONDITIONS:

(a) Maximum Demand: The maximum demand in any month will be the maximum average power taken during any 15-minute interval in the month, but not less than the diversified resistance welder load. However, when the recorded monthly maximum demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, a 30-minute interval may be used. In cases where the use of energy is intermittent or subject to violent fluctuations, a 5-minute interval may be used. A thermal type of demand meter which does not reset after a definite time interval may be used.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

(b) Billing Demand: The billing demand to be used in computing charges will be the mean of the actual maximum demand as determined under Special Condition (a) above for the current month and the highest such demand occurring in the year ending with the current month.

(c) Off-peak Demand: Any customer whose billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months may, upon request, for billing purposes, and under a contract for service for a period of five years, have demands ignored which occur between 10:30 p.m. and 6:30 a.m. of the following day and on Sundays and the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day, as said days are specified in Public Law 90-363 (U.S.C.A. Section 6103).

(d) Voltage: Service on this schedule will be supplied at the transmission or the primary distribution voltage available or, at the option of the customer, at the secondary voltage available. Where secondary voltage is desired and polyphase power is to be combined with single phase, a four-wire service will be supplied.

(e) Voltage Discount: (1) When delivery hereunder is made at the same primary distribution voltage as that of the line from which the service is supplied, or (2) when sufficient capacity is not available in distribution facilities existing in the area to supply the customer's requirements, and the City has elected to supply service from a transmission line due to operating necessity, a discount will be allowed on the above charges, including the minimum charge. Rate I discount will be 4% of the demand and energy charge. Rate II discount will be 15¢ per kw of billing demand in the month. The City retains the right to change its line voltage at any time, after reasonable advance notice to any customer receiving a discount hereunder and affected by such change, and such customer than has the option to change his system so as to receive service at the new line voltage or to accept service (without voltage discount) through transformers to be supplied by the City.

(f) Power Factor: When the billing demand has exceeded 400 kw for three consecutive months and thereafter until it has fallen below 300 kw for twelve consecutive months, bills will be adjusted for weighted monthly average power factor as follows:

The total charge (except the minimum charge) for any month as computed on the above rates will be decreased or increased, respectively, by 0.1% for each 1% that the average power factor of customer's load in the month was greater or less than 85%, such average power factor to be computed (to the nearest whole per cent) from the ratio of lagging kilovolt ampere hours to kilowatt hours consumed in the month.