

CL 5/1a

REPORTS OF THE
CITY MANAGER

Page 170

Agenda item a) - "Electric Rate Proposal" was introduced by City Manager Graves. Discussion followed with questions being directed to Staff.

URGENCY ORD.
ESTABLISHING
RATES FOR THE
SALE OF
ELECTRIC
ENERGY BY THE
CITY OF LODI
ADOPTED

Council Member Olson then moved for adoption of Urgency Ordinance No. 1321 - "An Ordinance Repealing Ordinance No. 1250 of the City of Lodi and Enacting a New Ordinance Establishing Rates for the Sale of Electric Energy by the City of Lodi". This Ordinance shall be in force and take effect with utility bills prepared on or after July 1, 1984.

ORD NO. 1321
ADOPTED

The motion was seconded by Mayor Pro Tempore Hinchman and carried by the following vote:

- Ayes: Council Members - Hinchman, Olson, Pinkerton, Reid, & Snider (Mayor)
- Noes: Council Members - None
- Absent: Council Members - None
- Abstain: Council Members - None

LODI NEWS SENTINEL

CITY OF LODI
221 W. Pine Street
Lodi, California 95240

ADVERTISING INSTRUCTIONS

Subject: CERTIFICATE NO. 1321

Publish Dates: June 2, 1984

Tear Sheets Wanted: Three

Affidavit and Bill to: ALICE M. REIMCHE, CITY CLERK

Date: May 31, 1984

Ordered by:

ALICE M. REIMCHE
DEPUTY CITY CLERK
JUDITH JOHNSON

ORDINANCE NO. 1321

AN ORDINANCE REPEALING ORDINANCE NO. 1250 OF THE CITY OF LODI AND ENACTING A NEW ORDINANCE ESTABLISHING RATES FOR THE SALE OF ELECTRIC ENERGY BY THE CITY OF LODI

THE CITY COUNCIL OF THE CITY OF LODI DOES ORDAIN AS FOLLOWS:

Section 1. Ordinance No. 1250 of the City of Lodi entitled, "An Ordinance Repealing Ordinance No. 1213 and 1220 of the City of Lodi and Enacting a New Ordinance Establishing Rates for the Sale of Electric Energy by the City of Lodi", is hereby repealed as of the effective date of this ordinance.

Section 2. The sale of electric energy by the City of Lodi shall be the rates hereinafter set forth.

Section 3. Schedule EA - Domestic Service - See schedule attached hereto, marked Exhibit "A", and thereby made a part hereof.

Section 4. Schedule EB - General Service - See schedule attached hereto, marked Exhibit "B", and thereby made a part hereof.

Section 5. Schedule EL - Outdoor Dusk to Dawn Lighting - See schedule attached hereto, marked Exhibit "C", and thereby made a part hereof.

Section 6. Schedule EM - Domestic Service - Mobile Home Parks - See schedule attached hereto, marked Exhibit "D", and thereby made a part hereof.

Section 7. Schedule EP - Energy Purchase - See schedule attached hereto, marked Exhibit "E", and thereby made a part hereof.

Section 8. Schedule S - General Service - Demand Metered - See schedule attached hereto, marked Exhibit "F", and thereby made a part hereof.

Section 9. The foregoing Ordinance No. 1321 was introduced and adopted as an urgency Ordinance by a unanimous vote of the City Council in an adjourned regular meeting of the City Council of the City of Lodi held on the 23rd day of May, 1984 and shall be in force and take effect with utility bills prepared on or after July 1, 1984.

Section 10. All Ordinances and parts of Ordinances in conflict herewith are repealed insofar as such conflict may exist.

Section 11. This Ordinance shall be published one time in the "Lodi News Sentinel", a daily newspaper of general circulation printed and published in the City of Lodi.

Approved this 23rd day of May, 1984

Mayor

Attest:

Alice M. Reimche
City Clerk

State of California
County of San Joaquin, ss.

I, Alice M. Reimche, City Clerk of the City of Lodi, do hereby certify that Ordinance No. 1321 was adopted as an urgency ordinance by unanimous vote of the Council at an adjourned regular meeting of the City Council of the City of Lodi held May 23, 1984 and was thereafter ordered to print by said Council by the following vote:

Ayes: Council Members - Reid, Olson, Pinkerton,
Hinchman, & Snider (Mayor)

Noes: Council Members - None

Absent: Council Members - None

Abstain: Council Members - None

I further certify that Ordinance No. 1321 was approved and signed by the Mayor on the date of its passage and the same has been published pursuant to law.

Alice M. Reimche
City Clerk

Approved as to form

Ronald M. Stein
City Attorney

EXHIBIT "A"

City of Lodi
Lodi, California

Canceling Ordinance No. 1250

Section 3

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>
Minimum Charge:	\$1.65
Energy Charge:	
First 440 kwhr, per kwhr . . . . .	.03998
Over 440 kwhr, per kwhr . . . . .	.05602

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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.

Effective on utility bill
prepared on or after 7/1/84
Ordinance No. 1321

EXHIBIT "B"

City of Lodi
Lodi, California

Canceling Ordinance No. 1250

Section 4

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 . . . . .	.05654

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 waldar 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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of bulk power.

EXHIBIT C

City of Lodi
Lodi, California

Canceling Ordinance No. 1250

Section 5

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.

Effective on utility bill
prepared on or after 7/1/81
Ordinance No. 1321

EXHIBIT "D"

City of Lodi
Lodi, California

Canceling Ordinance No. 1250

Section 6

SCHEDULE EM

Domestic Service... Mobile Home Parks

APPLICABILITY:

Mobile home parks 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:

	Per Meter Per Month
Customer Charge:	\$1.65
Energy Charge (to be added to Customer Charge):	
First 440 kwhr per mobile home space wired for service, per kwhr. . . . .	.03480
Over 440 kwhr per mobile home space wired for service, per kwhr. . . . .	.05602
Service Discount (from above charges): \$5.29 per mobile home space wired for service, per month.	

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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.

Effective on utility bills
prepared on or after 7/1/84
Ordinance No. 1321

EXHIBIT "D"

City of Lodi
Lodi, California

Canceling Ordinance No. 1250

Section 6

SCHEDULE EM

Domestic Service - Mobile Home Parks

APPLICABILITY:

Domestic service mobile home parks 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 440 kwhr per mobile home space wired for service, per kwhr. . . . .	.03480
Over 440 kwhr per mobile home space wired for service, per kwhr. . . . .	.05602
Service Discount (from above charges): \$5.29 \ per mobile home space wired for service, per month.	

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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.

Effective on utility bills
prepared on or after 7/1/84
Ordinance No. 1321

Exhibit "E"

City of Lodi
Lodi, California

Cancelling Ordinance No. 1250

Section 7

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	\$0.01616

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 on utility bills
prepared on or after 7/1/84
Ordinance No. 1321

Section 8

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	\$125.00
Over 50 kw of billing demand, per kw.	2.75
Energy Charge (in addition to the Demand Charge):	
All kwhr, per kwhr . . . . .	.04294

RATE II:

Demand Charge:	
First 2,000 kw of billing demand or less	\$5,000.00
Over 2,000 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. . . . .	.04229
All excess, per kwhr . . . . .	.02115

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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 actual maximum demand as determined under Special Condition (a) above for 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.

5/a

COUNCIL COMMUNICATION

TO THE CITY COUNCIL FROM THE CITY MANAGER'S OFFICE	DATE May 18, 1984	NO.
SUBJECT: ELECTRIC RATE PROPOSAL		

RECOMMENDED ACTION: That the City Council approve electric rates as proposed herein, to become effective with utility bills prepared on or after July 1, 1984.

BACKGROUND INFORMATION: Lodi's retail electric rates¹ were last adjusted in January 1982. Since that time, both the origin and cost of the City's wholesale electricity have changed significantly. The City currently receives bulk power from at least three sources: NCPA (geothermal), PG&E and WAPA. Power costs² have risen more than 20% (\$1.9 million per year). This is due in part to PG&E rate increases in January 1983 and January 1984, as well as WAPA increases in May and October 1983. Both PG&E and WAPA are expected to raise rates during fiscal year 1984-85.

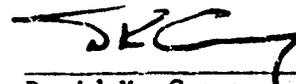
In January 1982, Residential rate (EA) was set at City cost³ for 0-500 kwh and considerably below PG&E's winter/summer average retail charge, above 500 kwh. Commercial and Industrial rates were set 10% below PG&E at benchmark levels of consumption, which are as follows:

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

PROPGSAL DETAILS: In order to partially offset the increased cost of power, it is proposed to raise retail electric rates an average of 10%.^{4 5} This will increase annual revenue by approximately \$1.1 million. Residential rate (EA) would be set at City cost³ for 0-500 kwh and considerably below PG&E's winter/summer average retail charge, above 500 kwh.⁶ Commercial and Industrial rates would be set 7% below PG&E at benchmark levels of consumption. All rates would then be approximately 20% below their respective January 1982 levels, since the fuel cost component⁷ has decreased dramatically in the last 2½ years.

An alternate residential rate, which conforms more closely to the PG&E 'baseline'⁸ rate, has also been developed.^{5 6} To achieve this relationship, customer-related expenses must be distributed on a per kilowatt-hour basis, instead of being billed as a per meter per month charge; hence, the alternate rate is not strictly cost-based.

FUTURE PLANS: The size and timing of the next PG&E rate increase(s) are not now known. When specific information becomes available, it is staff's intention to propose an additional rate adjustment.



David K. Curry
Utility Director

¹ i.e. base rates.
² Now melded from 3 sources.
³ Includes maintenance, operating and customer related expenses.
⁴ Actual range is 9% to 13%, depending on customer classification.
⁵ Copies of proposed rates are attached.
⁶ Reference attached table and graph.
⁷ An automatic pass-thru.
⁸ Recent replacement for 'lifeline.'

SCHEDULE EM
Domestic Service - Mobile Home Parks
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. . . . .	.03373
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05162
Service Discount (from above charges): \$3.64 per mobile home space wired for service, per month.	

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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.

Effective

Ordinance No.

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 . . . . .	.03829
Over 500 kwhr, per kwhr . . . . .	.05162

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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.

Effective

Ordinance No.

SCHEDULE S

GENERAL SERVICE - DEMAND METERED

(Continued)

SPECIAL CONDITIONS:

(b) Billing Demand: The billing demand to be used in computing charges will be the actual maximum demand as determined under Special Condition (a) above for 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.

Effective

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:

	<u>Per Meter</u> <u>Per Month</u>
First 50 kw of billing demand or less	\$125.00
Over 50 kw of billing demand, per kw.	2.75

Energy Charge (in addition to the Demand Charge):

All kwhr, per kwhr04294
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RATE II:

Demand Charge:

First 2,000 kw of billing demand or less	\$5,000.00
Over 2,000 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. . . . .	.04229
All excess, per kwhr . . . . .	.02115

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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 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	\$0.01616

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
Ordinance No.

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. . . . .	.03373
Over 500 kwhr per mobile home space wired for service, per kwhr. . . . .	.05162
Service Discount (from above charges): \$3.64 per mobile home space wired for service, per month.	

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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 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.

Effective

Ordinance No.

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 . . . . .	.05654

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of bulk power.

Effective

Ordinance No.

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 . . . . .	.03829
Over 500 kwhr, per kwhr . . . . .	.05162

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 amounts charged the City by the Pacific Gas and Electric Co., Northern California Power Agency and other suppliers of 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.

Effective

Ordinance No.

ELECTRIC RATE SCHEDULES

Ordinance No.

COUNCIL COMMUNICATION

TO: THE CITY COUNCIL

FROM: THE CITY MANAGER'S OFFICE

DATE

May 18, 1984

NO.

SUBJECT: ELECTRIC RATE PROPOSAL

RECOMMENDED ACTION: That the City Council approve electric rates as proposed herein, to become effective with utility bills prepared on or after July 1, 1984.

BACKGROUND INFORMATION: Lodi's retail electric rates¹ were last adjusted in January 1982. Since that time, both the origin and cost of the City's wholesale electricity have changed significantly. The City currently receives bulk power from at least three sources: NCPA (geothermal), PG&E and WAPA. Power costs² have risen more than 20% (\$1.9 million per year). This is due in part to PG&E rate increases in January 1983 and January 1984, as well as WAPA increases in May and October 1983. Both PG&E and WAPA are expected to raise rates during fiscal year 1984-85.

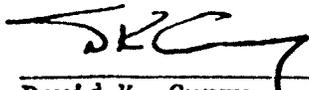
In January 1982, Residential rate (EA) was set at City cost³ for 0-500 kwh and considerably below PG&E's winter/summer average retail charge, above 500 kwh. Commercial and Industrial rates were set 10% below PG&E at benchmark levels of consumption, which are as follows:

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

PROPOSAL DETAILS: In order to partially offset the increased cost of power, it is proposed to raise retail electric rates an average of 10%.^{4 5} This will increase annual revenue by approximately \$1.1 million. Residential rate (EA) would be set at City cost³ for 0-500 kwh and considerably below PG&E's winter/summer average retail charge, above 500 kwh.⁶ Commercial and Industrial rates would be set 7% below PG&E at benchmark levels of consumption. All rates would then be approximately 20% below their respective January 1982 levels, since the fuel cost component⁷ has decreased dramatically in the last 2½ years.

An alternate residential rate, which conforms more closely to the PG&E 'baseline'⁸ rate, has also been developed.^{5 6} To achieve this relationship, customer-related expenses must be distributed on a per kilowatt-hour basis, instead of being billed as a per meter per month charge; hence, the alternate rate is not strictly cost-based.

FUTURE PLANS: The size and timing of the next PG&E rate increase(s) are not now known. When specific information becomes available, it is staff's intention to propose an additional rate adjustment.


David K. Curry
Utility Director

¹ i.e. base rates.

² Now melded from 3 sources.

³ Includes maintenance, operating and customer related expenses.

⁴ Actual range is 9% to 13%, depending on customer classification.

⁵ Copies of proposed rates are attached.

⁶ Reference attached table and graph.

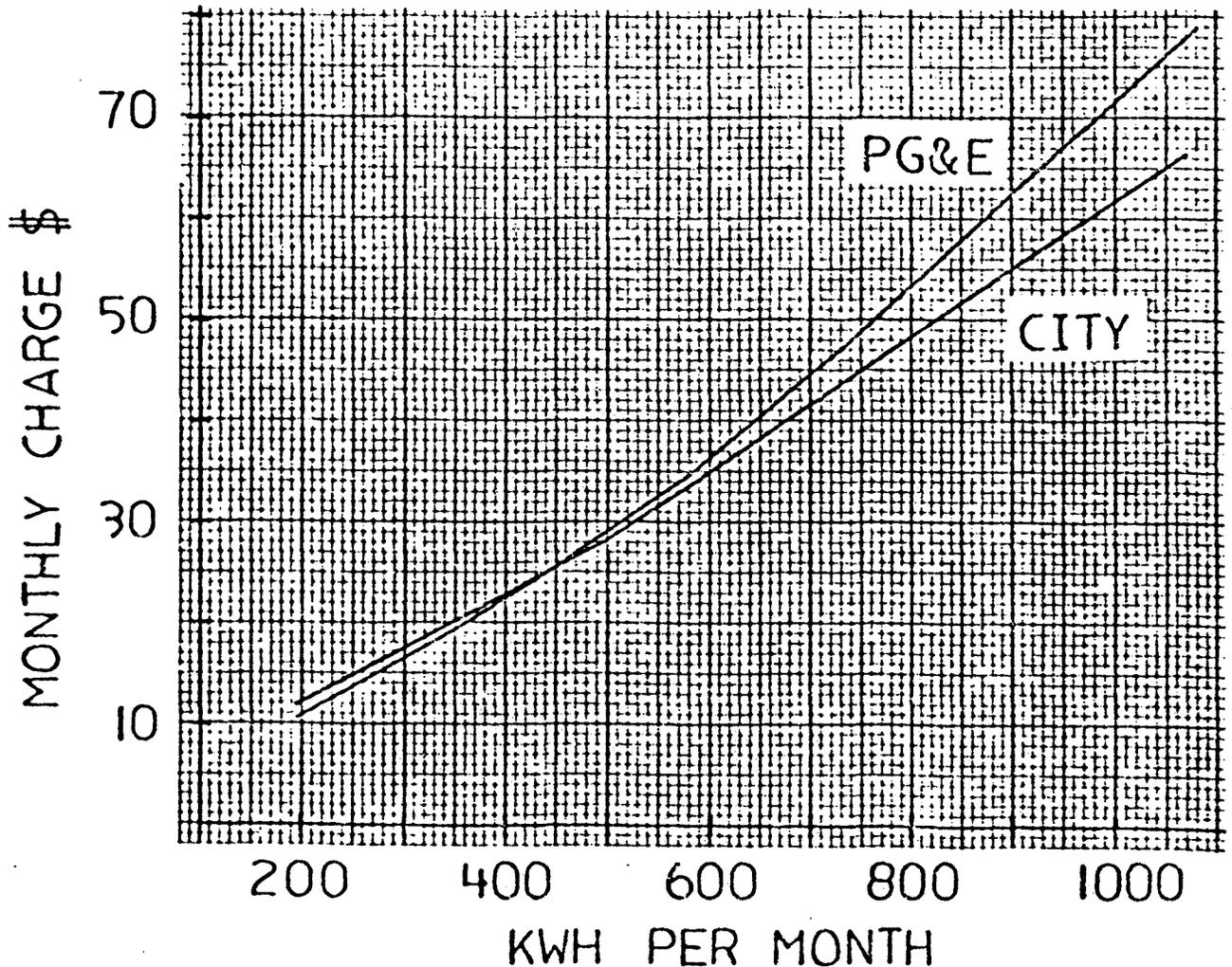
⁷ An automatic pass-thru.

⁸ Recent replacement for 'lifeline.'

RESIDENTIAL RATE COMPARISON (PROPOSED CITY RATE)

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>
+ 9%	+ 3%	- 3%	- 7%	- 14%

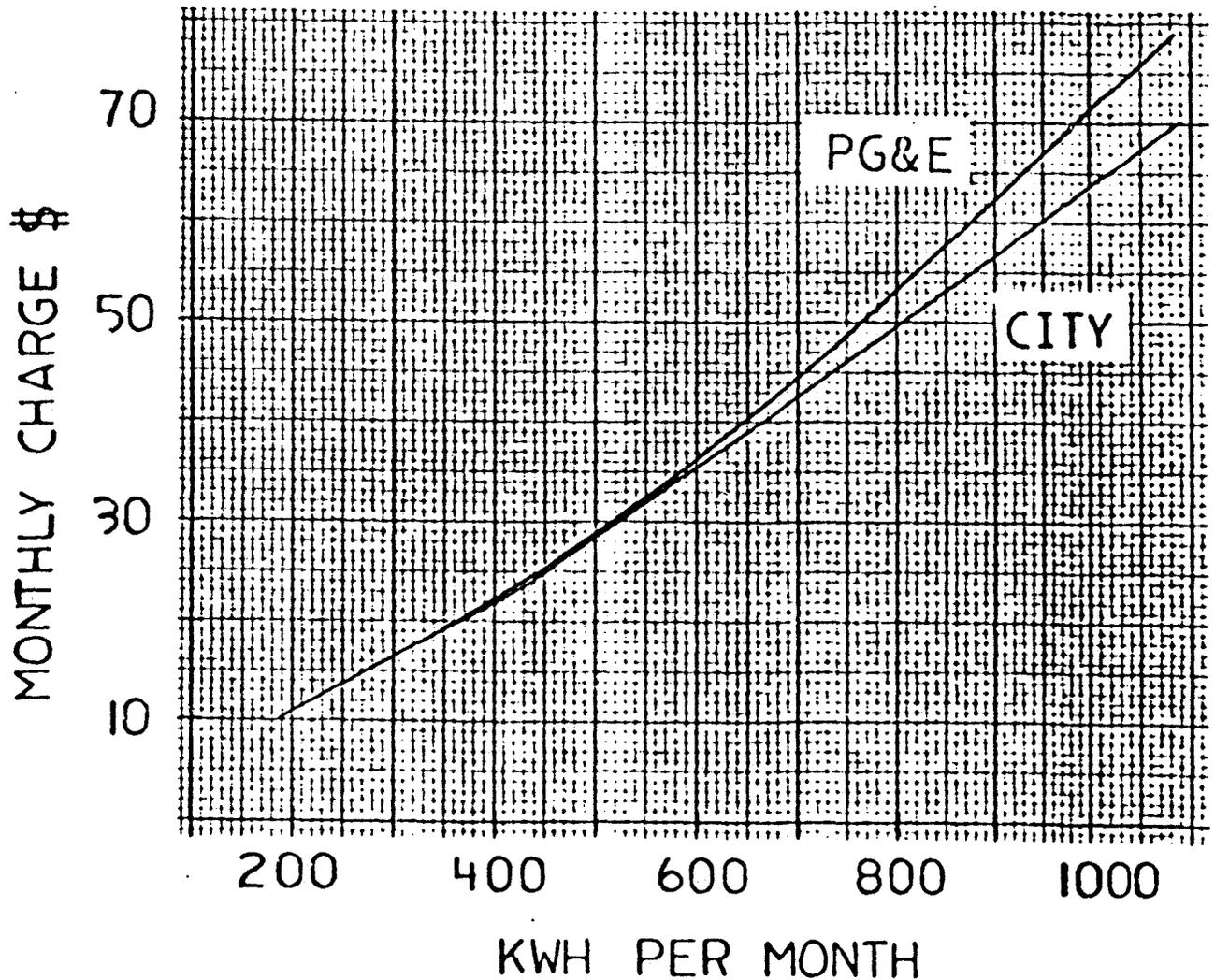


RESIDENTIAL RATE COMPARISON

(ALTERNATE CITY RATE)

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>
0%	-1%	-2%	-5%	-10%

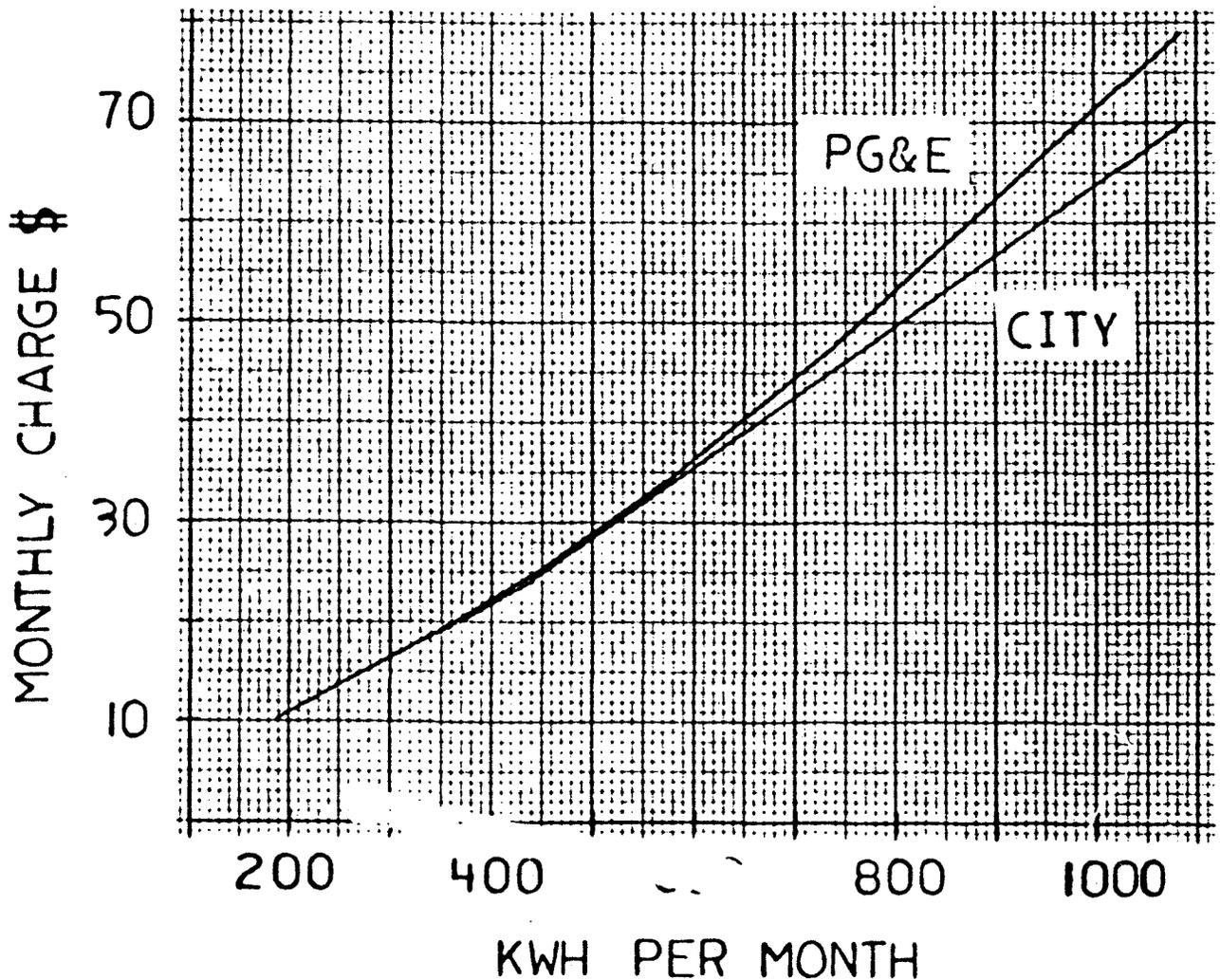


RESIDENTIAL RATE COMPARISON

(ALTERNATE CITY RATE)

RELATIONSHIP TO PG&E WINTER/SUMMER AVG. CHARGE

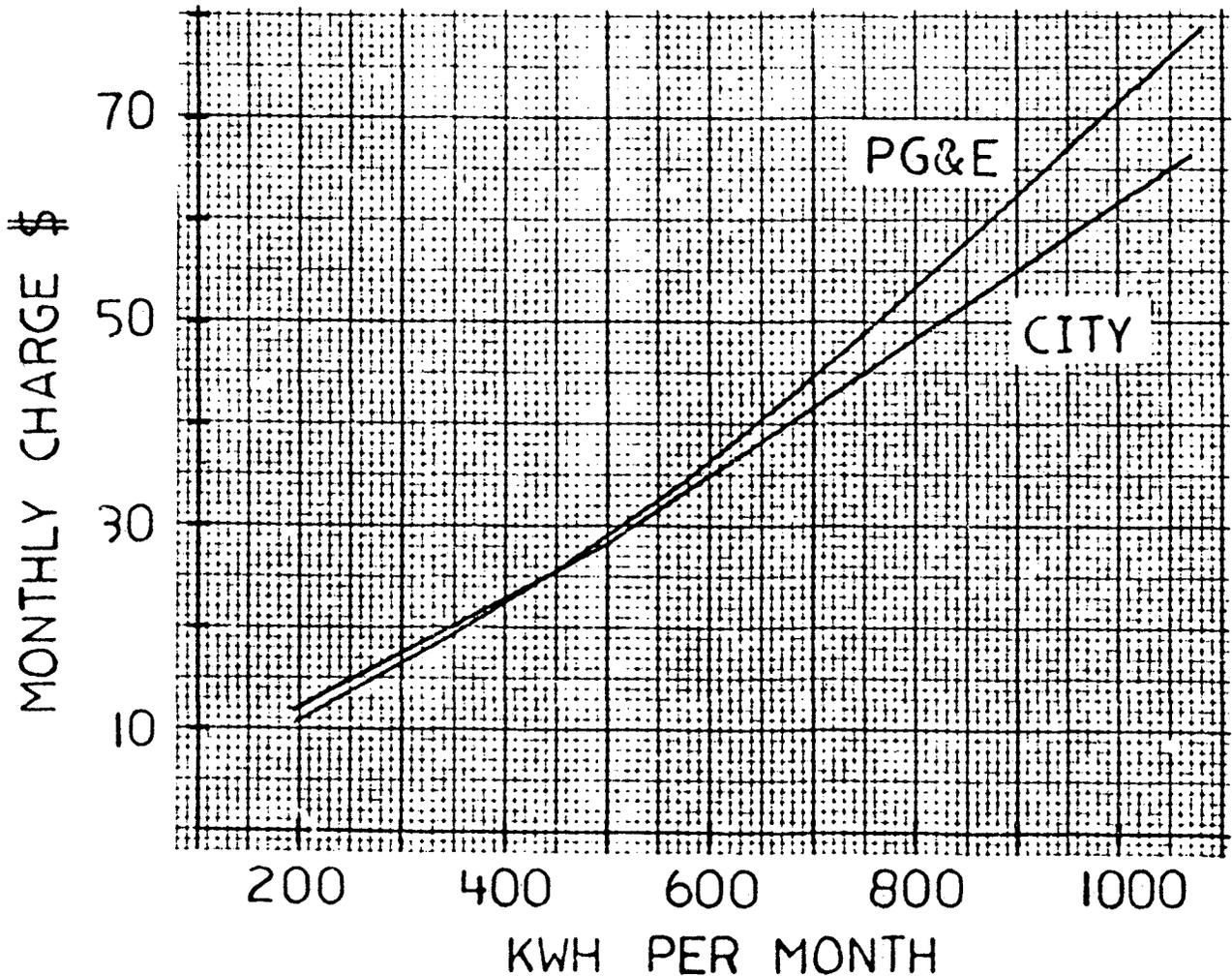
<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
0%	-1%	-2%	-5%	-10%



RESIDENTIAL RATE COMPARISON (PROPOSED CITY RATE)

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>
+ 9%	+ 3%	- 3%	- 7%	- 14%

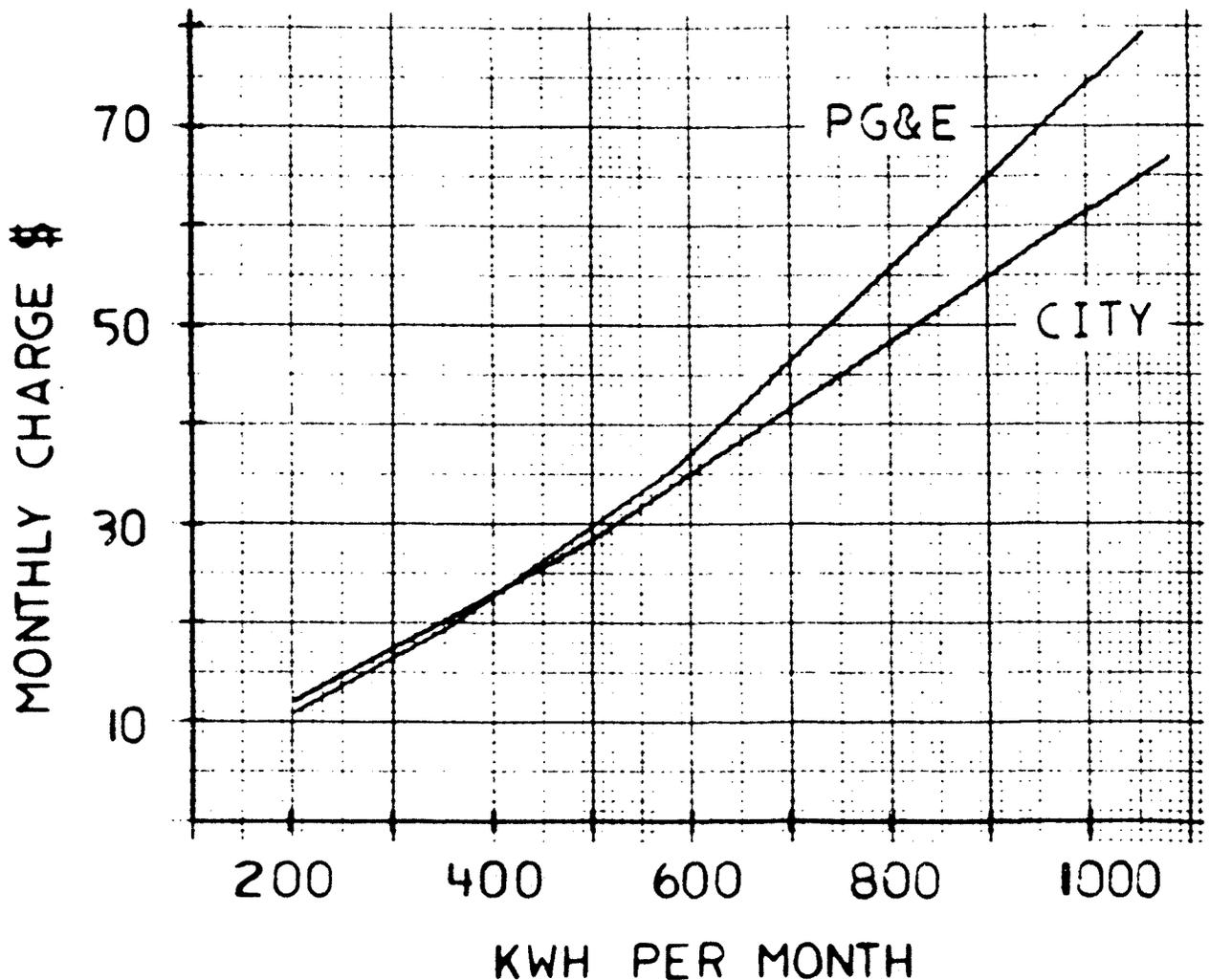


RESIDENTIAL RATE COMPARISON

(PROPOSED CITY RATE)

RELATIONSHIP TO PG&E WINTER CHARGE

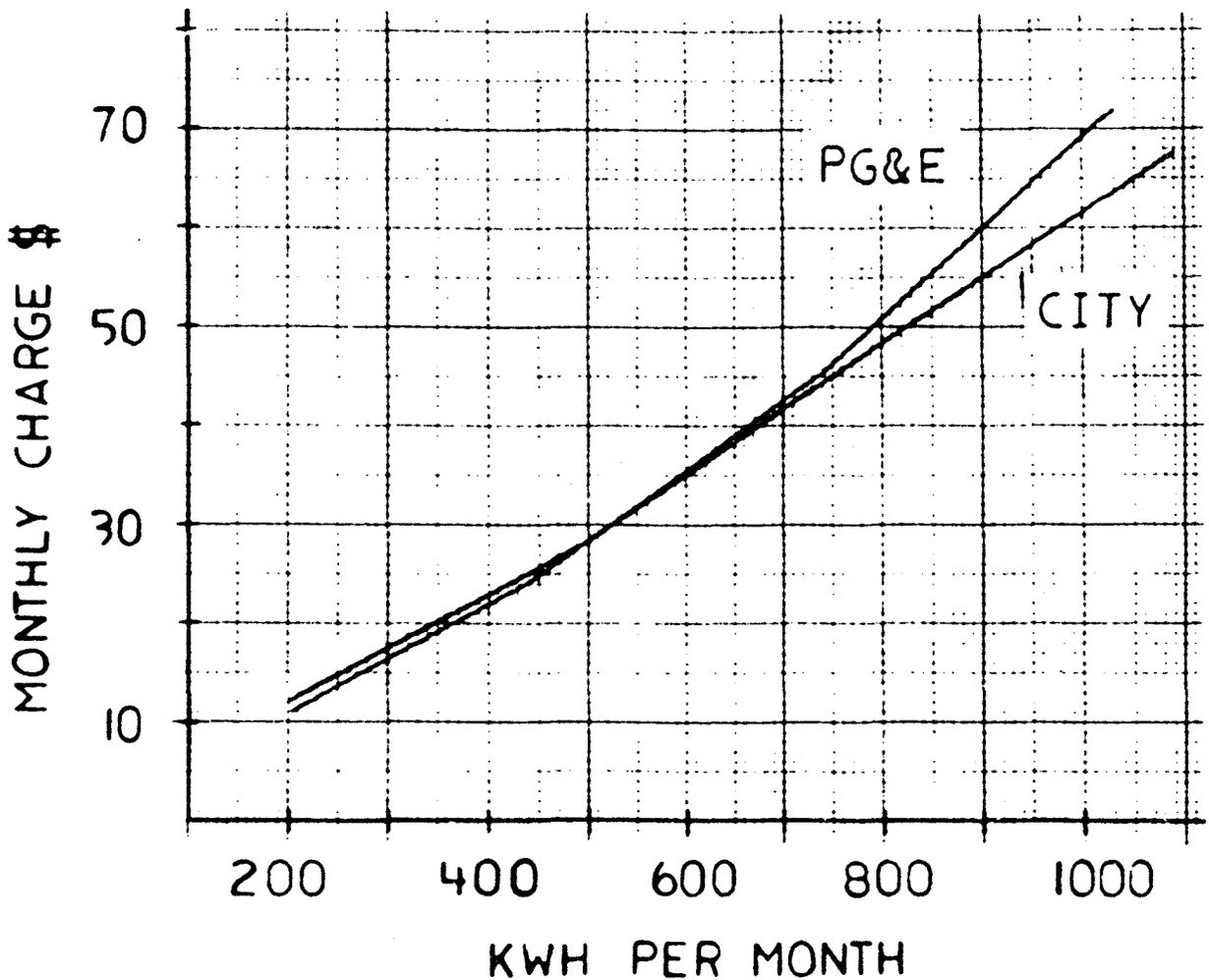
<u>250KWH</u>	<u>400 KWH</u>	<u>550KWH</u>	<u>750KWH</u>	<u>1000KWH</u>
+ 9%	+ 1%	- 5%	- 12%	- 16%



RESIDENTIAL RATE COMPARISON (PROPOSED CITY RATE)

RELATIONSHIP TO PG&E SUMMER CHARGE

<u>250KWH</u>	<u>400KWH</u>	<u>550KWH</u>	<u>750KWH</u>	<u>1000KWH</u>
+ 9%	+ 5%	- 1%	- 3%	- 11%

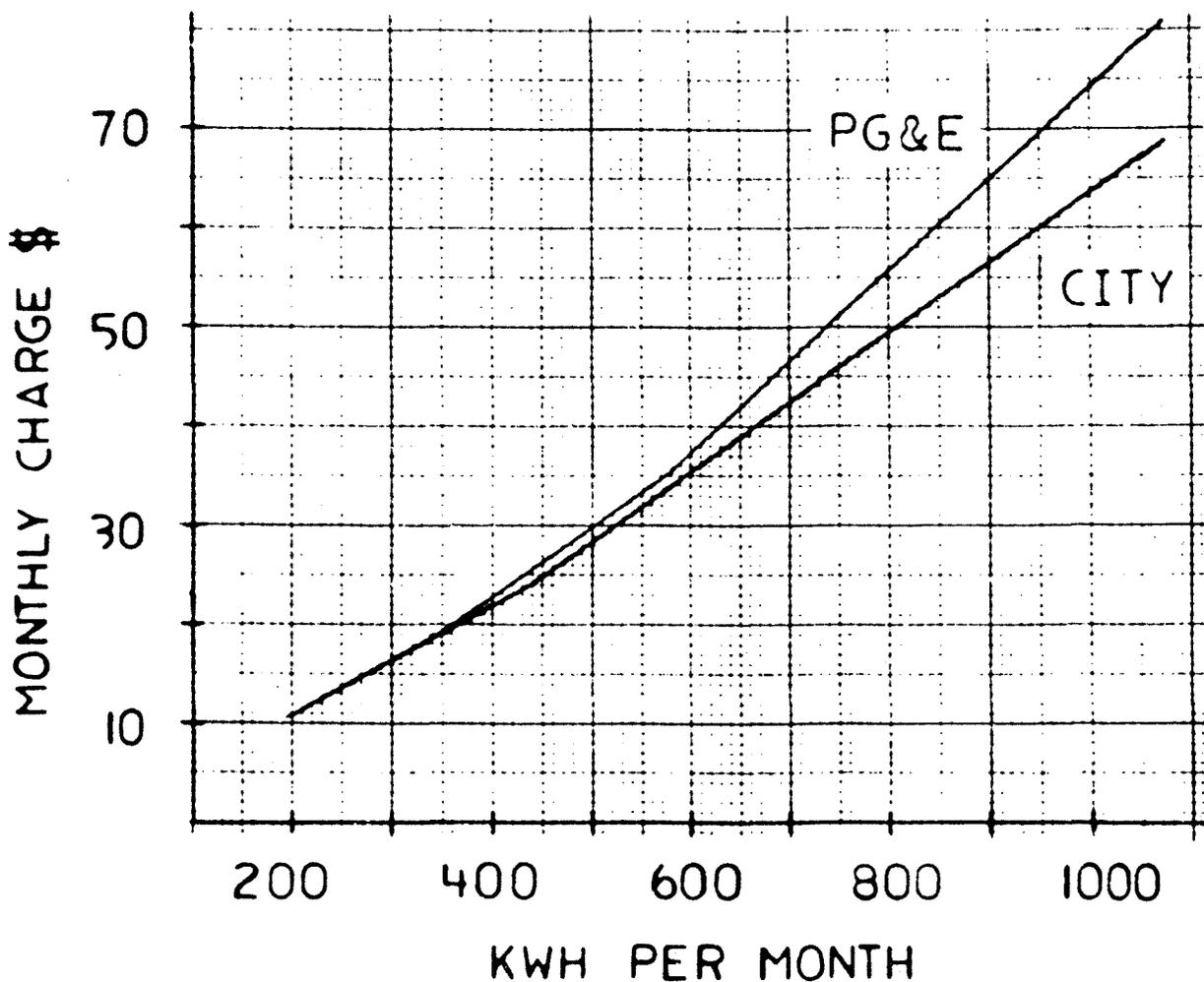


RESIDENTIAL RATE COMPARISON

(ALTERNATE CITY RATE)

RELATIONSHIP TO PG&E WINTER CHARGE

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
0%	-3%	-4%	-9%	-13%



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RESIDENTIAL RATE COMPARISON

(ALTERNATE CITY RATE)

RELATIONSHIP TO PG&E SUMMER CHARGE

<u>250 KWH</u>	<u>400 KWH</u>	<u>550 KWH</u>	<u>750 KWH</u>	<u>1000 KWH</u>
0%	0%	0%	0%	-7%

