

## **COUNCIL ACTION FORM**

**SUBJECT: ELECTRIC UTILITY RATE ORDINANCE CHANGES – SECOND  
READING OF ORDINANCE**

**BACKGROUND:**

At the May 22, 2012 City Council meeting, the Council approved the first reading of an electric utility rate ordinance based upon the results of cost-of-service and rate studies. The rate ordinance is revenue neutral overall but provides a new structure; and the impact on customer groups will vary based on the cost of services utilized. Since this was the first significant change in the electric rate structure in several years, the Council delayed the second and third readings to allow staff time to provide information to customers on the new rates and to provide customer feedback to the Council. The implementation date was planned to occur no earlier than November 1, 2012.

Since the first reading of the rate changes in May, staff has utilized several avenues to communicate the proposed rates to our customers. In the October issue of the City Side, a publication included with our monthly utility bills, an article outlining the proposed rates was published. Over the past several months, Electric Services hosted two business lunch-and-learns and a lunch-and-learn specifically for faith-based organizations during which the proposed rates were explained. Staff has spoken at Rotary and is scheduled to speak before members of the economic development community on November 21<sup>st</sup>. Staff has made site visits to our largest 10 customers and has mailed out bill comparison information to our largest 100 customers.

To date, the majority of feedback received on the proposed rates has been from the faith-based group and from our largest electric customers. More specifically, the faith-based group is most concerned for three churches that fall on the border between the commercial and large commercial rates, and which thus could see substantial increases in their monthly billings. Staff plans to meet with those churches sitting between the commercial and large commercial rates to identify ways they can minimize their potential cost increases. Staff will encourage them to participate in a free energy audit to determine what can be done to keep their peak below the 55 kVa threshold. Staff will also meet one-on-one with these three churches to share areas where, through our Smart Energy Programs, the City can provide rebates on energy efficient upgrades.

The largest users are interested in additional rate designs such as interruptible rates and declining block rates on energy.

Based on the feedback received, staff is recommending that we go forward with the rate ordinance as approved in the first reading with planned implementation for electric bills

mailed on or after January 1, 2013. This will require approval of the second reading at the November 13th meeting and third reading at the November 27<sup>th</sup> meeting.

### **SUMMARY OF RATE CHANGES:**

**In general, the proposed cost based rates reflect increased customer charges for all classes and increased demand charges for those rate classes with a separate demand charge.** Below is a summary of changes in the proposed rate ordinance by class of customer:

1. **Residential:** The customer charge was increased. The summer energy rate was set to be the same as the current first block summer energy rate, including the ECA rate. The winter three-block energy rate was simplified to a single energy rate for the winter months. It is slightly lower than the average of the current winter rates. Overall revenues for the class are virtually the same. However, individual customers may see changes in their monthly bills.

2. **Small Commercial (General Power):** The customer charge was increased. The three-block energy rates for each season were simplified to a single energy rate for each season. Overall revenues for the class are virtually the same. However, individual customers may see changes in their monthly bills.

3. **Commercial (Large Power):** The customer charge was increased. The three-block energy rates for each season were simplified to a single energy rate for the year. Proposed energy rates are lower than current energy rates. The measurement factor for demand charge has been changed from kW to kVA. Total demand revenues are higher than at current rates. Overall revenues for the class are virtually the same. However, individual customers may see changes in their monthly bills.

4. **Industrial:** The customer charge was increased. The three-block energy rates for each season were simplified to a single energy rate for the year. Proposed energy rates are lower than current energy rates. The three-block demand rates per kW-month for each season were simplified to a single demand rate per month for each season. Total demand revenues are higher than at current rates. Overall revenues for the class are virtually the same. However, individual customers may see changes in their monthly bills.

### **ALTERNATIVES:**

1. Approve the proposed revenue neutral Electric Rate Ordinance developed from the recent cost-of-service study on second reading.
2. Refer the electric utility rate ordinance back to staff with direction to develop changes to the rate structure. This alternative would likely require some additional work to ensure that any newly proposed structure will generate adequate revenue.

**MANAGER'S RECOMMENDED ACTION:**

Both the City Council and City staff have supported conducting a cost-of-service study for some time. The proposed rate ordinance reflects the costs of services provided and provides a basis for cost-based customer decisions related to use of electric services. Decisions made by customers that increase or decrease their cost of electric services will result in corresponding increases or decreases in cost to the electric utility and help provide price signals for the most efficient use of energy resources.

The current financial status of the electric utility allows for implementation of this new rate structure without the need for an overall increase in revenue. That timing lessens the impact of the new rate structure on customers whose previous rates did not reflect the full cost of services provided.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the proposed revenue neutral Electric Rate Ordinance developed from the cost-of-service study on second reading.

## ORDINANCE NO.

**AN ORDINANCE TO AMEND THE MUNICIPAL CODE OF THE CITY OF AMES, IOWA, BY REPEALING CHAPTER 28 SECTION 28.101(3), 28.102, 28.103(2)(a)(b)(i)(ii), 28.103(3), 28.104(1),(2)(a)(b)(i)(ii), (3),(4)(iii), 28.105(1),(2)(a)(b)(i)(ii)(c),(3)(d),(5),(8)(c),(9)(b)(i)(ii), 28.106(1),(2)(a)(b)(i)(ii), (3)(d), (5), (8)(c), (9)(b)(ii), 28.107(2)(b) AND ENACTING A NEW CHAPTER 28 SECTION 28.101(3), 28.102, 28.103(2)(a)(b)(i)(ii)(c), 28.103(3), 28.104(1),(2)(a)(b)(i)(ii)(c), (3),(4)(iii), 28.105(1),(2)(a)(b)(i)(ii)(c),(3)(d),(8)(c),(9)(b)(i)(ii), 28.106(1),(2)(a)(b)(i)(ii), (3)(d),(8)(c), (9)(b)(ii), 28.107(2)(b) THEREOF, FOR THE PURPOSE OF IMPLEMENTING COST OF SERVICE AND RATE STUDY; REPEALING ANY AND ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT TO THE EXTENT OF SUCH CONFLICT; AND ESTABLISHING AN EFFECTIVE DATE.**

**BE IT ENACTED**, by the City Council for the City of Ames, Iowa, that:

Section One. The Municipal Code of the City of Ames, Iowa shall be and the same is hereby amended by enacting a new Section as follows:

**“Sec. 28.101. GENERAL CONDITIONS FOR ELECTRIC RATES.**

The following general conditions are applicable to the following as indicated in each rate schedule:

- (1) Service shall be provided subject to Ames Municipal Electric System rules and regulations.  
*(Ord. No. 2975, Sec. 1, 5-19-87; Ord. No. 2977, Sec. 1, 6-9-87)*
- (2) The schedule will be applied to each meter and point of delivery and in no event will meter readings be combined except when it has been determined necessary by the Ames Municipal Electric System.  
*(Ord. No. 3885, 07-5-06)*
- (3) **Where a residence and a business are combined on one premise, service for the combined use will be considered residential only if the predominant use is for residential purposes. If the use is predominantly for business purposes, the customer is required to take all service under the applicable Small Commercial or Commercial rate.**
- (4) The standard approved type of electric water heater shall have a single 120 volt heating element no larger than 1500 watts or shall have multiple thermostatically controlled noninductive 240-volt heating elements of not more than 5000 watts per element with such multiple elements connected interlocking so that only one element may operate at a time.
- (5) The utility may assess an excess facilities charge when necessary to meet costs of an unusual installation.  
*(Ord. No. 2921, Sec. 1, 4-9-85; Ord. No. 3199, Sec. 1, 9-24-92)*

**Sec. 28.102. ENERGY COST ADJUSTMENT.**

The net monthly billing based on rates will be increased or decreased by an amount corresponding to the increase or decrease in the average cost to the Ames Municipal Electric System for power plant fuel in the preceding month. The incremental charge will be computed by multiplying the number of kilowatt-hours used by the customer times the difference between the base fuel cost and the average fuel cost of the preceding month. The base fuel cost is \$0.0495 per kilowatt-hour. The average fuel cost shall be determined by multiplying the unit fuel cost in the previous month times the quantity of fuel used in the twelve (12)-month period prior to the previous month divided by the actual kilowatt-hour sales during the same period.

*(Ord. No. 2921, Sec. 2, 4-9-85; Ord. No. 2975, Sec. 1, 5-19-87; Ord. No. 2977, Sec. 1, 6-9-87; Ord. No. 3199, Sec. 1, 9-24-92)*

**Sec. 28.103. RESIDENTIAL ELECTRIC RATES.**

(1) **Availability:** Electrical energy and service shall be available at the "Residential Rate" for all single-phase domestic uses in separately metered, dwelling units that are intended for occupancy by a single family as defined by the Ames Zoning Ordinance, as distinguished from group domiciles such as rooming houses, fraternity or sorority houses, supervised group homes, and residential care facilities of various kinds.

(2) **Rate per billing period.** For each monthly billing period a residential rate customer:

(a) shall be charged eight dollars (\$8.00) as a customer service charge, and  
(b) in addition, shall be charged for energy consumption during the billing period as follows:

(i) for bills mailed on or between July 1 and October 31 (summer period):  
\$0.1166 per kWh, or

(ii) for bills mailed on or between November 1 and June 30 (winter period):  
\$0.0966 per kWh

(c) All charges above shall also be subject to the current applicable energy cost adjustment per Sec. 28.102.

and

(3) **Minimum bill:** The minimum charge per billing period shall be eight dollars (\$8.00).

*(Ord. No. 3885, 07-25-06; Ord. No. 3955, 05-27-08; Ord. No. 3987, 05-12-09)*

(4) **Conditions:** The residential rate shall be subject to the general conditions set forth in Section 28.101(1), (2), (3), (4) and (5).

(5) **Load Management Credit:** Any dwelling unit that qualifies under the Residential Electric Rate and is equipped with a properly installed central air conditioner shall be eligible to participate in the Residential Load Management Program. Customers who agree to allow the utility to install and maintain a Load Management Switch on their central air conditioner will receive the following credits to their electric bills:

(a) \$5 credit for each installed Load Management Switch for bills mailed on or between July 1 and October 31.

(b) The total annual credit for each customer shall not exceed \$20 for each central air conditioner on which a Load Management Switch has been installed.

*(Ord. No. 3277, Sec. 1, 5-24-94)(Ord. No. 822, Sections 2, 3; Code 1956, Sections 26-2, 26-3; Ord. No. 1038, Sec. 1, 9-4-62; Ord. No. 2172, Sec. 2, 2-7-67; Ord. No. 2271, Sec. 1, 2, 10-22-68; Ord. No. 2505, Sec. 1, 2, 4-22-75; Ord. No. 2586, Sec. 2, 2-22-77; Ord. No. 2657, Sec. 2, 6-6-78; Ord. No. 2723, Sec. 2, 7-24-79; Ord. No. 2895, Sec. 1, 5-22-84; Ord. No. 2921, Sec. 3, 4-9-85; Ord. No. 3199, Sec. 1, 9-24-92)*

**Sec. 28.104. SMALL COMMERCIAL RATE.**

(1) **Availability:** Electrical energy and service shall be available at the "Small Commercial Rate" to all customers except those that qualify for another rate schedule, for all single-phase or three-phase, single-metered usage, where the metered demand does not exceed 55 kVA.

(2) **Rate per billing period:** For each monthly billing period a small commercial rate customer:

(a) shall be charged fifteen dollars (\$15.00) as the customer service charge; and,  
(b) in addition, shall be charged for energy consumption during the billing period as follows:

(i) for bills mailed on or between July 1 and October 31(summer period):  
\$0.1148 per kWh

(ii) for bills mailed on or between November 1 and June 30 (winter period):  
\$0.0948 per kWh

(c) All charges above shall also be subject to the current applicable energy cost adjustment

per Sec. 28.102.

(3) **Minimum bill:** The minimum charge per billing period shall be fifteen dollars (\$15.00).

**(4) Conditions: The small commercial rate shall be subject to:**

(a) the general conditions of section 28.101 (1), (2), (3) and (5); and,

(b) the following specific conditions:

(i) Unless three-phase service is determined by the Ames Municipal Electric System to be economically available, motors up to and including 5 hp shall be single-phase. Motors above 5 hp shall be three-phase. Three-phase service will normally be 120/208 volt, 4 wire. Where conditions warrant (outside the business district area), 4-wire 120/240 volt or 277/480 volt service may be furnished if mutually agreeable to the Ames Municipal Electric System and the customer.

(ii) Fluctuating loads. Loads requiring excess transformer capacity because of large momentary current requirements, or to provide close voltage regulation, shall be subject to an additional charge of \$0.327 per rated kVA of capacity above normal capacity requirement for the diversified demand. The kVA subject to an additional charge will be adjusted no more than once a year. No charge shall apply if the customer furnishes the transformers.

*(Ord. No. 3885, 07-25-06; Ord. 3987, 05-12-09)*

**(iii) Should the electrical energy furnished under this schedule for any reason be metered on the primary side of the service transformers, the energy metered shall be reduced by 1-1/2 per cent before calculating the energy charge.**

**(5) Load Management Credit:** Any facility that qualified and is equipped with a properly installed central air conditioner shall be eligible to participate in the Load Management Program. Customers who agree to allow the Ames Municipal Electric System to install and maintain a Load Management Switch on their central air conditioner will receive the following credits to their electric bills:

(a) Five dollars (\$5.00) credit for each installed Load Management Switch for bills mailed on or between July 1 and October 31.

(b) The total annual credit for each customer shall not exceed twenty dollars (\$20.00) for each central air conditioner on which a Load Management Switch has been installed.

*(Ord. No. 822, Sections 4, 5; Code 1956, Sections 26-4, 26-5; Ord. No. 1038, Sec. 1, 9-4-62; Ord. No. 2172, Sec. 2, 2-7-67; Ord. No. 2271, Sec. 1, 2, 10-22-68; Ord. No. 2505, Sec. 1, 2, 4-22-75; Ord. No. 2586, Sec. 2, 2-22-77; Ord. No. 2657, Sec. 2, 6-6-78; Ord. No. 2723, Sec. 1, 2, 7-24-79; Ord. No. 2921, Sec. 4, 4-9-85; Ord. No. 3199, Sec. 1, 9-24-92; Ord. No. 3885, 07-25-06)*

**Sec. 28.105. COMMERCIAL RATE.**

**(1) Availability.** The Commercial rate shall be optional for any non-residential customer whose consumption in any billing period exceeds 10,000 Kwh. The Commercial rate shall be mandatory for any non-residential customer whose metered demand at any time exceeds 55 kVA. If at any time, a non-residential customer's metered demand exceeds 55 kVA, all consumption for the billing period in which that occurs, and for the next succeeding eleven billing periods, shall be charged at the Commercial rate. Any customer for whom the Commercial Rate became mandatory, who subsequently has a metered demand of less than 55 kVA for 12 consecutive months, will again become an optional Commercial rate customer with a choice between Small Commercial and Commercial rates. Any customer for whom the Commercial rate is optional shall not switch rates more than once in a period of 12 months. Any customer on the Commercial rate who has a metered demand of less than 55 kVA, and a consumption of less than 10,000 Kwh, for twelve consecutive months, shall be changed to the Small Commercial rate.

**(2) Rate per Billing Period.** For each monthly billing period, a Commercial rate customer:

(a) shall be charged one hundred fifty dollars (\$150.00) as a customer service charge, and

(b) in addition, shall be charged for demand and energy consumption during the billing period as follows:

(i) for bills mailed on or between July 1 and October 31 (summer period)  
a customer shall be charged a demand of:

\$10.30 per kVA and an energy charge of:  
\$0.0619 per kWh

(ii) for bills mailed on or between November 1 and June 30 (winter period) a  
customer shall be charged a demand charge of:

\$7.70 per kVA and an energy charge of:  
\$0.0619 per kWh

*(Ord. No. 3987, 05-12-09)*

(c) All charges above shall also be subject to the current applicable energy cost  
adjustment per Sec. 28.102.

(3) **Billing Demand:** The "Billing Demand" shall be the greater of:

(a) The peak 15-minute demand measured during the present monthly billing period; or  
(b) Seventy-five percent (75%) of the peak demand measured during the most recent four  
months of the summer period; or

(c) Sixty percent (60%) of the peak demand measured during the last eleven billing periods.

(d) **Provided, however, that the demand used for billing shall in no case be less than 15  
kVA after discounts.**

(4) **Minimum bill:** The minimum bill shall be the customer charge plus the current demand charge.

(5) **RESERVED**

(6) **Service facilities:** The Ames Municipal Electric System shall furnish as a standard installation  
facilities adequate to supply service at a single point of delivery to a normal load equal to the maximum 15-minute  
demand of the customer. Each standard installation shall include, where necessary, facilities for one standard  
transformation and the demand and energy consumption of the entire premises.

(7) **Excess facilities charge:** In the event service facilities in addition to, or different from, a standard  
installation are requested by the customer, or are required to serve the customer's load, the Ames Municipal Electric  
System shall furnish, install, and maintain such facilities subject to the following considerations:

(a) The type, extent, and location of such service facilities shall be determined by agreement  
between the Ames Municipal Electric System and the customer.

(b) Such service facilities shall be the property of the Ames Municipal Electric System.

(c) The customer shall pay a monthly rental charge on those facilities in excess of the  
facilities included in a standard installation.

(d) If the optional or nonstandard facilities are used for other customers also, the rental  
payable by the customer shall be that portion of the total rental which is reasonably assignable to the customer.

(8) **Primary service:** Customers who take service at primary voltage shall be granted discounts  
to demand and energy as follows:

(a) 1-1/2% of the billing demand and measured energy where metering is on the high voltage  
side of utility-owned transformers.

(b) 5% of the billing demand and 1-1/2% of the measured energy where metering is on the  
high voltage side of customer-owned transformers.

(c) **A minimum billing demand after discount shall be 15 kVA.**

(d) Voltages below 8,000/13,800 Y nominal are considered secondary voltage.

(9) **Conditions:** The Commercial Rate shall be subject to

(a) the general condition in section 28.101 (1), (2), (3) and (5); and,

(b) **the following specific conditions:**

(i) **The customer's total usage on a single premise shall determine whether the  
customer qualifies for service under this rate structure. In no event will the customer be billed on both the  
Small Commercial and Commercial rates. A premise is defined as the main building of a commercial or  
industrial establishment, and shall include the outlying or adjacent buildings used by the same provided the  
use of service in the outlying buildings is supplemental and similar to the service used in the main building.**

(ii) **Fluctuating loads. If use of energy is intermittent or subject to violent  
fluctuation, the Ames Municipal Electric System may add to the 15-minute measured demand an amount  
equal to 65% of the rated capacity in kVA of the apparatus which causes such fluctuations.**

(10) **Load Management Credit:** Any facility that qualified and is equipped with a properly installed central air conditioner shall be eligible to participate in the Load Management Program. Customers who agree to allow the Ames Municipal Electric System to install and maintain a Load Management Switch on their central air conditioner will receive the following credits to their electric bills:

(a) Five dollars (\$5.00) credit for each installed Load Management Switch for bills mailed on or between July 1 and October 31.

(b) The total annual credit for each customer shall not exceed twenty dollars (\$20.00) for each central air conditioner on which a Load Management Switch has been installed.

*(Ord. No. 822, Sections 4, 5; Code 1956, Sections 26-4, 26-5; Ord. No. 1038, Sec. 1, 9-4-62; Ord. No. 2172, Sec. 2, 2-7-67; Ord. No. 2271, Sec. 1, 2, 10-22-68; Ord. No. 2505, Sec. 1, 2, 4-22-75; Ord. No. 2586, Sec. 2, 2-22-77; Ord. No. 2657, Sec. 2, 6-6-78; Ord. No. 2723, Sec. 1, 2, 7-24-79; Ord. No. 2921, Sec. 4, 4-9-85; Ord. No. 3199, Sec. 1, 9-24-92)(Ord. No. 3885, 07-5-06)*

#### **Sec. 28.106. INDUSTRIAL RATE.**

(1) **Availability:** The Industrial rate shall be mandatory for any non-residential customer whose metered demand at any time exceeds 2,500 kVA. If at any time, a non-residential customer's metered demand exceeds 2,500 kVA, all consumption for the billing period in which that occurs, and for the next succeeding eleven billing periods, shall be charged at the Industrial rate.

(2) **Rate Per Billing Period.** For each monthly billing period, an industrial rate customer

(a) shall be charged one hundred fifty dollars (\$150.00) as a customer service charge, and

(b) in addition, shall be charged for demand and energy consumption during the billing period as follows:

(i) for bills mailed on or between July 1 and October 31 (summer period) a customer shall be charged a demand charge of \$10.00 per kVA of billing demand, and an energy charge of: \$0.0619 per kWh

(ii) for bills mailed on or between November 1 and June 30 (winter period) a customer shall be charged a demand charge of:

\$7.50 per kVA of billing demand, and an energy charge of:

\$0.0619 per kWh

*(Ord. No. 3955, 05-27-08; Ord 3987, 05-12-09)*

(c) All charges above also shall be subject to the current applicable energy cost adjustment per Sec. 28.102.

(3) **Billing Demand.** The 'Billing Demand' shall be the greater of:

(a) The peak fifteen (15) minute demand measured during the current monthly billing period, or

(b) Seventy-five percent (75%) of the peak demand measured during the most recent four months of the summer period; or

(c) Sixty percent (60%) of the peak demand measured during the last eleven billing periods.

(d) **Provided, however, that the demand used for billing shall in no case be less than 2,500 kVA after discounts.**

(4) **Minimum Bill.** The minimum monthly bill shall be the customer charge plus the current demand charge plus the energy charge and energy cost adjustment for 600,000 Kwh.

(5) **RESERVED**

(6) **Service Facilities.** The Ames Municipal Electric System shall furnish as a standard installation facilities adequate to supply service at a single point of delivery to a normal load equal to the maximum 15-minute



demand of the customer. Each standard installation shall include, where necessary, facilities for one standard transformation and the demand and energy consumption of the entire premises.

(7) **Excess Facility Charge.** In the event service facilities in addition to, or different from, a standard installation are requested by the customer, or are required to serve the customer's load, the Ames Municipal Electric System shall furnish, install, and maintain such facilities subject to the following considerations:

(a) The type, extent, and location of such service facilities shall be determined by agreement between the Ames Municipal Electric System and the customer.

(b) Such service facilities shall be the property of the Ames Municipal Electric System.

(c) The customer shall pay a monthly rental charge on those facilities in excess of the facilities included in a standard installation.

(d) If the optional or nonstandard facilities are used for other customers also, the rental payable by the customer shall be that portion of the total rental which is reasonably assignable to the customer.

(8) **Primary service: Customers who take service at primary voltage shall be granted discounts to demand and energy as follows:**

(a) 1-1/2% of the billing demand and measured energy where metering is on the high voltage side of utility-owned transformers.

(b) 5% of the billing demand and 1-1/2% of the measured energy where metering is on the high voltage side of customer-owned transformers.

(c) **A minimum billing demand after discount shall be 2,500 kVA**

(d) Voltages below 8,000/13,800 Y nominal are considered secondary voltage.

(9) **Conditions. The Industrial rate shall be subject to the following specific conditions.**

(a) the general condition in section 28.101 (1), (2) and (5) and

(b) **the following specific conditions:**

(i) The customer's total usage on a single premise shall determine whether the customer qualifies for service under this rate structure. In no event will the customer be billed on more than one rate. A premise is defined as the main building of a commercial or industrial establishment, and shall include the outlying or adjacent buildings used by the same provided the use of service in the outlying buildings is supplemental and similar to the service used in the main building.

(ii) **Fluctuating loads. If use of energy is intermittent or subject to violent fluctuation, the Ames Municipal Electric System may add to the 15-minute measured demand an amount equal to 65% of the rated capacity in kVA of the apparatus which causes such fluctuations.**

*(Ord. No. 2827, 6-15-82; Ord. No. 2832, 9-21-82; Ord. No. 2921, Sec. 1, 4-9-85; Ord. No. 3199, Sec. 1, 9-24-92)*

## **Sec. 28.107. STREET AND SECURITY LIGHTING RATE.**

(1) **Availability.** Lighting energy and service shall be available for street lighting and for security lighting where it is impossible or impractical to meter the electrical energy through the customer's normal metering location.

(2) **Rate per Billing Period. For each monthly billing period the lighting customer:**

(a) shall be charged for service per lamp:

(i) for bills mailed on or after July 1, 2009:

	Monthly Charge	Monthly Consumption Lamp (kWh per Lamp)
1000 Watt - Mercury Vapor	24.45	383
700 Watt - Mercury Vapor	17.80	268
400 Watt - Mercury Vapor	11.15	153
400 Watt - Mercury Vapor-Ornamental	13.50	153
250 Watt - Mercury Vapor	8.00	96
250 Watt - Mercury Vapor-Ornamental	11.90	96
175 Watt - Mercury Vapor	6.60	67
175 Watt - Mercury Vapor-Ornamental	8.90	67

400 Watt - High Pressure Sodium	12.05	153
400 Watt - High Pressure Sodium-Ornamental	13.50	153
360 Watt - High Pressure Sodium	11.40	138
360 Watt - High Pressure Sodium-Ornamental	12.90	138
250 Watt - High Pressure Sodium	8.75	96
250 Watt - High Pressure Sodium-Ornamental	12.35	96
200 Watt - High Pressure Sodium	8.45	77
200 Watt - High Pressure Sodium-Ornamental	12.35	77
150 Watt - High Pressure Sodium	7.30	60
150 Watt - High Pressure Sodium-Ornamental	9.65	60
100 Watt - High Pressure Sodium	5.90	38
100 Watt - High Pressure Sodium-Ornamental	8.00	38
70 Watt - High Pressure Sodium	5.15	27
70 Watt - High Pressure Sodium-Ornamental	7.35	27

Ornamental fixtures are units on poles other than wood.

(Ord. No. 2975, Sec. 1, 5-19-87; Ord. No. 2977, Sec. 1, 6-9-77; Ord. No. 3885, 07-25-06; Ord. No. 3955, 05-27-08; Ord. No. 3987, 05-12-09)

**(b) and all lamps shall be charged any applicable energy cost adjustment, per Sec. 28.102, based on the stated average monthly kWh consumption per lamp.**

**(3) Conditions.** The street and security lighting rate will be subject to 28.101(1) and (5) and the following specific conditions:

(a) new service agreements shall be 3 years minimum

(b) new installation for "security lights" will only be made with 175, 400, or 1000 watt mercury vapor or with 70, 100, 150, 200, or 250 watt sodium fixtures on existing poles with a maximum of a 150 foot span of wire.

(c) Customers desiring a change from mercury to sodium fixtures after less than 3 years under an existing service agreement will be charged for conversion costs.

(d) Flood lights, where available from utility stock, shall have an additional monthly charge of \$0.65 per lamp.

(Ord. No. 3885, 07-25-06; Ord. No. 3955, 05-27-08; Ord. No. 3987, 05-12-09)

(e) No new 360 watt sodium fixtures will be installed.

(Ord. No. 2921, Sec. 6, 4-9-85; Ord. No. 3199, Sec. 1, 9-24-92)

(f) Contract for energy only charges will be billed at a rate of \$0.080 per kilowatt hour plus the applicable energy cost adjustment.

(Ord. No. 3955, 05-27-08; Ord. No. 3987, 05-12-09)

Section Two. All ordinances, or parts of ordinances, in conflict herewith are hereby repealed to the extent of such conflict, if any.

Section Three. This ordinance shall be in full force and effect from and after its passage and publication as required by law.

Passed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Diane R. Voss, City Clerk

\_\_\_\_\_  
Ann H. Campbell, Mayor