

NICHOLASVILLE ELECTRIC RATES

Electric rates shall be as follows:

(a) *Generally.* The new rate schedules are adopted as follows for residential service, commercial services, large commercial services and general services, and security lighting services and shall be effective with bills due and payable in June, 2009:

(1) *Residential service:*

- a. *Availability.* Residential service shall be provided to residential customers in single-family dwelling units when electric service supplied to the dwelling unit is used for household purposes and is metered through one (1) meter. If a portion of the electric service supplied to a dwelling unit is used for nonresidential purposes, and the customer can arrange wiring in such a manner that the electric service for residential purposes and nonresidential purposes can be metered separately, this rate schedule is applicable to the portion used for residential purposes. If not separated then billing shall be made as a commercial service.
- b. *Type of service.* Single-phase, 60 hertz, 120/140 volts.
- c. *Monthly rate:*
 1. Service charge: \$6.00.
 2. Energy charge: 5.77 ¢ per kWh
 3. Minimum bill: Service charge plus the energy charge for kWh used.
- d. *Power cost adjustment charge.* Charges for electric service under this schedule shall be subject to provisions of the power cost adjustment clause.

(2) *Commercial service:*

- a. *Availability.* To customers for electric power and energy requirements. Each premises will be supplied at one (1) point of delivery, and all service supplied will be measured through one (1) meter. Availability at this schedule is subject to the service policies of the city.
- b. *Type of service.* Single- or three-phase at the option of the city, 60 hertz at one (1) of the city's available service voltages of 120/240 volt single-phase, 120/208 volt three-phase, or 120/240 volt three-phase.

- c. *Monthly rate:*
 - 1. Service charge: \$9.00
 - 2. Energy charge:
 - i. First 250 kWh, 8.50¢ per kWh.
 - ii. Next 1,750 kWh, 7.60¢ per kWh.
 - iii. All over 2,000 kWh, 6.70¢ per kWh.
 - 3. Minimum bill: Service charge plus the energy charge for kWh used.
- d. *Power cost adjustment charge.* Charges for electric service under this schedule shall be subject to the provisions of this power cost adjustment clause.

(3) *Large commercial service and general service:*

- a. *Availability.* Available to nonresidential customers with a monthly demand in excess of 20 kW, subject to the service policies of the City of Nicholasville, for a period of not less than twelve (12) months where service is supplied at one point of delivery and measured through one meter. Not available for temporary, standby, breakdown, supplementary, or resale service.
- b. *Type of service.* Single-or three-phase at the option of the city, 60 hertz, at one of the city's available service voltages of 120/240 volt single-phase, 120/208 volt three-phase, 120/240 volt three-phase, or 277/480 volt three-phase.
- c. *Monthly service.*
 - 1. Service charge: \$50.00.
 - 2. Energy charge:
 - i. First 10,000 kWh, 4.60¢ per kWh.
 - ii. Next 90,000 kWh, 4.30¢ per kWh.
 - iii. All over 100,000 kWh. 4.07¢ per kWh.
 - 3. Demand charge: \$5.50 per kW billing demand.
 - 4. Minimum bill: The sum of the service charge, the energy charge, and the demand charge.
- d. *Billing demand.* The billing demand will be the average demand delivered to the customer during the fifteen (15) minute period of maximum use during the month.

- e. *Primary voltage service.* When the customer owns and maintains all equipment, except metering, necessary to take service at the city's primary service voltages, a discount of \$0.15 per kW of billing demand shall be applied to the demand charge.
- f. *Power cost adjustment charge.* Charge for electric service under the schedule shall be subject to the provisions of the power cost adjustment clause.

(4) *Security lighting service:*

- a. *Availability.* To residential and general service electric customers of the city where overhead secondary facilities are readily available for the lighting of private areas, in accordance with the service policies of the city.
- b. *Type of service.* Area lighting by means of a lamp installed in a standard luminaire, controlled by a photo-electric relay, mounted with a standard bracket on a wood pole and served by overhead facilities.
- c. *Monthly rate.* If the lamp is installed on an existing city pole, the monthly charge shall be as follows:

<i>Wattage</i>	<i>Monthly Charge ----- per Lamp</i>
100W	----- \$9.00
250W	----- \$12.00
400W	----- 15.00

- d. *Additional facilities.* When additional facilities are required, the customer will, in addition to the above charges, pay the following: Each additional pole and span wire at \$1.50 per month. Other service and materials at actual cost.
 - e. *Power cost adjustment charge.* Charges for electric service under this schedule shall be subject to the provisions of the power cost adjustment clause.
- (b) *Power cost adjustment clause charges (PCA).* The above rate schedules shall be subject to the power cost adjustment clause charges in addition to the aforesaid rates. The Power Cost Adjustment (PCA) is expressed as dollars per kWh and is multiplied by the energy (kWh) sold during each billing period to each customer. The PCA is designed to be calculated monthly based on actual power costs and energy sales for the applicable month. The following formula has been designed to calculate the PCA:

$PCA = A / B - \text{Base Rate}$ where,

PCA = The cost adjustment expressed as dollars per kWh to be multiplied by the energy (kWh) sold during each billing period to customers on rates subject to the

PCA.

A = Actual wholesale power cost for the applicable month (includes all wholesale power costs as billed by Kentucky Utilities).

B = Actual energy sales from rates subject to the PCA for the applicable month.

Base Rate = The Base Rate is the base wholesale power cost, exclusive of SEPA power cost, expressed as dollars per kWh, included in the base rates for all retail customers.

- (c) *Determination of maximum billable load by including power corrected to ninety percent (90%).* The city reserves the right to place a KVA meter on selected customer. The power factor will be determined by KW at time of peak demand divided by KVA at time of peak demand.

(KW / KVA = Actual power factor)

$\frac{\text{KW}}{\text{KVA}} = \text{P.F.}$

KVA

KW billable will be adjusted as follows: KW at maximum demand x 90 percent power factor divided by actual power factor equals billable KW.

(KW x 90/Actual P.F. = adjusted KW)

$\frac{\text{KW} \times 90}{\text{power factor}} = \text{Billable KW}$

power factor

The above calculation is used to adjust the billable KW demand only in the months in which the power factor is below ninety percent (90%).

The aforementioned formula will provide the city a method to recover its additional power factor related costs in a manner similar to the method used by the city's supplier, Kentucky Utilities.