44856 - NONE

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**ATTACHMENT SDB-S4**

**CLEAN VERSION OF**

**FINAL ELECTRIC RATES**

**On**

**Behalf of**

**Petitioner,**

**Frankfort City Light and Power**

**Petitioner’s Exhibit S3**

**Rate A - Residential Service**

Availability

Available through one meter to individual customers for single phase residential service, including lighting, household appliances, refrigeration, cooking, water heating and small motors not exceeding three (3) horsepower individual capacity.

Character of Service

Alternating current, sixty Hertz, single phase, at a voltage of approximately 120 volts two-wire, 120/240 volts three-wire.

Rate\*

* Customer Charge…………… $8.00 per meter per month
* Energy Charge………………. $0.099021 per kWh for all kWh

Minimum Charge

The Minimum monthly charge shall be the customer charge.

Special Terms and Conditions

This rate schedule is available for single phase service only. Only one residential service per customer property is permitted. Where three-phase service is required and/or where such service will be used for commercial or industrial purposes the applicable rate schedules will apply to such service.

\* Subject to the provisions of Appendix A.

**Rate B - Commercial Service**

Availability

Available through one meter for single phase commercial service including lighting, miscellaneous small appliances, refrigeration, cooking, water heating and incidental small motors not exceeding five (5) horsepower individual capacity.

Character of Service

Alternating current, sixty Hertz, single phase at a voltage of approximately 120 volts two-wire, or 120/240 volts three-wire.

Rate\*

* Customer Charge…………… $15.00 per meter per month
* Energy Charge………………. $0.103273 per kWh for all kWh

Minimum Charge

The Minimum monthly charge shall be the customer charge.

Special Terms and Conditions

This rate schedule is available for single phase service only. Where three-phase service is required and/or where such service will be used for commercial or industrial purposes the applicable rate schedules will apply to such service.

\* Subject to the provisions of Appendix A.

**Rate C - General Power Service**

Availability

Available to any customer for light and/or power purposes who are located on or adjacent to a distribution line of the Utility which is adequate and suitable for supplying the services required.

Character of Service

Alternating current, sixty Hertz, at a voltage which is standard with the Utility in the area served.

Rate\*

* Customer Charge…………… $30.00 per meter per month
* Energy Charge……………… $0.098068 per kWh for all kWh

Minimum Charge

The minimum monthly charge shall be the customer charge.

\* Subject to the provisions of Appendix A.

**Rate PPL - Primary Power and Light Service**

Availability

Available through one meter for any customer contracting for a specified capacity of not less than 25 kilovolt-amperes. Applicant must agree to a one-year term of service and must be located adjacent to an electric transmission or distribution line of the Utility that is adequate and suitable for supplying the service required.

Character of Service

Alternating current having a frequency of sixty Hertz and at a voltage which is standard with the Utility in the area served.

Rate\*

* Customer Charge…………… $60.00 per meter per month
* Maximum Load Charge…….. $18.398 per kVA of Billing Maximum Demand
* Energy Charge………………. $0.040554 per kWh for all kWh

Minimum Charge

The minimum monthly charge shall be the maximum Demand charge plus the customer charge.

Measurement of Maximum Demand and Energy

Maximum Demand shall be measured by suitable instruments provided by the Utility, and in any month the maximum Demand expressed in kilovolt-amperes shall be the average number of kilowatts in the 30-minute interval in such month during which the energy metered is greater than in any other such 30-minute interval in such month, divided by the average lagging power factor (expressed as a decimal) calculated for the month. Energy shall be measured by suitable integrating instruments provided by the Utility.

Billing Maximum Demand

The Billing Maximum Demand for any month shall be the maximum Demand for the month, but in no month shall the Billing Maximum Demand be less than 25 kilovolt-amperes.

\* Subject to the provisions of Appendix A.

**Rate PPL - Primary Power and Light Service (continued)**

Metering Adjustment

If service is metered at a voltage of approximately 480 volts or lower, the maximum Demand and energy measurements shall be increased by two percent (2%) to convert such measurements to the equivalent of metering at the Utility's primary voltage.

Equipment Supplied By Customer

When Customer furnishes and maintains the complete substation equipment, including any and all transformers, and/or switches and/or the equipment necessary to take his entire service at the primary voltage of the transmission or distribution line from which it is to be received, a credit of $0.34 per KVA of Billing Maximum Demand will be applied to each month's net bill.

Off-Peak Service

When Customer elects to take electric service during the following designated Off-Peak periods, the following provisions will apply:

Measurement of Maximum Demand and Energy. Maximum Demand shall be measured by suitable recording instruments and, in any month the maximum Demand for the on-peak hours shall be the highest thirty-minute Kilovolt-ampere Demand calculated during such on-peak hours and the maximum Demand for the off-peak hours shall be the highest thirty-minute kilovolt-ampere Demand calculated during such off-peak hours. Such thirty-minute kilovolt-ampere demands shall be calculated in accordance with the Measurement of Maximum Demand and Energy provision of Rate PPL based on the use of the average lagging power factor for both periods.

Billing Maximum Demand. The Billing Maximum Demand for any month shall be the greatest of (1) the maximum Demand established during on-peak hours for the month, of fifty percent (50%) of the maximum Demand established during off-peak hours for the month, but in no month shall the Billing Maximum Demand be less than 500 kilovolt-amperes.

Off-Peak Periods

Off-Peak periods shall be all hours between 9:00 P.M. and 7:00 A.M., local time, Monday through Friday, and all hours of the day on Saturdays, Sundays and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Special Terms and Conditions

The availability of off-peak service shall be limited to an aggregate Demand of not more than 5,000 kilovolt amperes on a first-come, first-serve basis.

**Rate IP - Industrial Power Service**

Availability

Available through one meter to any customer having a minimum load requirement of 10 megawatts or more and directly fed from the Utility’s 69kV Transmission system.  Applicant must be located adjacent to the Utility’s transmission line that is adequate and suitable for supplying the service requested.

Character of Service

Alternating current having a frequency of sixty Hertz and furnished at a voltage which is standard with the Utility in the area served.

Rate\*

* Customer Charge…………... $600.00 per meter per month
* Demand Charge…………….. $24.40 per KVA of billing demand
* Energy Charge………………. $0.028682 per KWh for all KWh

Minimum Charge

The minimum monthly charge shall be the demand charge plus the customer charge.

Determination of Peak Demand and Measurement of Energy

Peak demand shall be measured by suitable recording instruments provided by Utility ad shall be the average number of kilovolt-amperes in the fifteen-minute period during which the kilovolt-ampere demand is greater than any other fifteen-minute interval in such month. For those customers who are not being metered by the use of a recording instrument, the peak demand, expressed in kilovolt-amperes, shall be the average number of kilowatts in the recorded fifteen-minute interval in such month during which the energy metered is greater than in any other such fifteen-minute interval in such month, divided by the lagging power factor (expressed as a decimal) calculated for the month. For billing purposes, the billing demand shall be the greater of the peak demand occurring during the month or ten (10) MVA. Energy shall be measured by suitable integrating instruments.

\*Subject to the provisions of Appendix A.

Metering Adjustment

If service is metered at a voltage of approximately 13,800 volts or lower, the peak demand and energy measurements shall be increased by two percent (2%) to convert such measurements to the equivalent of metering at the Utility’s primary voltage.

Equipment Ownership

Customer must own all equipment necessary to transform the power from 138kV to its suitable working voltage. This equipment must include but is not limited to structures, foundations, large power transformer, switches, breakers, station batteries, relay protection and control, CT’s, PT’s, security, etc.

Customer is responsible for proper routine maintenance on its customer owned equipment in accordance with industry best practices.

**Rate SL - Public Street Lighting Service**

Availability

Available for street lighting within the corporate limits of the City of Frankfort and highway lighting within the area served by the Utility's distribution system.

Character of service

Standard Street Lighting Service using lamps available under this schedule.

Rate\*

**Type of Lamp Rate per lamp per month**

*Overhead Service:*

 295 Watt Incandescent $ 8.84

100 Watt Mercury Vapor $ 5.14

175 Watt Mercury Vapor $ 7.34

250 Watt Mercury Vapor $ 8.08

400 Watt and Over Mercury Vapor $ 10.30

100 Watt Sodium Vapor - Wood Pole $ 5.82

100 Watt Sodium Vapor - Metal Pole $ 9.31

150 Watt Sodium Vapor - Wood Pole $ 6.84

250 Watt Sodium Vapor - Wood Pole $ 8.02

250 Watt Sodium Vapor - Metal Pole $ 11.89

400 Watt Sodium Vapor - Wood Pole $ 9.81

400 Watt Sodium Vapor - Metal Pole $ 13.00

**Type of Lamp Rate per lamp per month**

*Underground Service:*

100 Watt Sodium Vapor - Metal Pole $ 6.82

150 Watt Sodium Vapor - Metal Pole $ 12.29

400 Watt Sodium Vapor - Metal Pole $ 15.24

Hours of Lighting

All lamps shall burn approximately one-half hour after sunset until approximately one-half hour before sunrise each day in the year, approximately 4000 hours per annum.

Facilities

All facilities necessary for the service hereunder, including all poles, fixtures, street lighting circuits, transformers, lamps, and other necessary facilities will be furnished and maintained by the Utility.

\* Subject to the provisions of Appendix A.

**Rate OL – Outdoor Lighting Service**

Availability

Available only for continuous year-round service for outdoor lighting to any residential farm, commercial or industrial customer located adjacent to an electric distribution line of Utility.

Character of service

Outdoor Lighting Service using lamps available under this schedule and controlled by a photoelectric relay.

Rate\*

**Type of Lamp Rate per lamp per month**

175 Watt Mercury Vapor $ 6.24

250 Watt Mercury Vapor $ 7.83

400 Watt Mercury Vapor $ 8.97

100 Watt Sodium Vapor $ 3.67

150 Watt Sodium Vapor $ 4.31

250 Watt Sodium Vapor $ 5.64

400 Watt Sodium Vapor $ 7.26

**Type of Lamp - Flood Rate per lamp per month**

250 Watt Mercury Vapor $ 7.61

400 Watt Mercury Vapor $ 11.37

150 Watt Sodium Vapor $ 4.65

250 Watt Sodium Vapor $ 7.12

400 Watt Sodium Vapor $ 10.43

Ownership of System

All facilities installed by Utility for service hereunder, including fixtures, controls, poles, transformers, secondary lines, lamps and other appurtenances shall be owned and maintained by Utility. All service and necessary maintenance shall be performed only during regularly scheduled working hours of the Utility. Non-operative lamps will normally be restored to service within 48 hours after notification by customer.

Hours of Lighting

All lamps shall burn approximately one-half hour after sunset until approximately one-half hour before sunrise each day in the year, approximately 4000 hours per annum.

 \* Subject to the provisions of Appendix A.

**Appendix A**

Rate Adjustments

The Rate Adjustments shall be based on a Purchase Power Cost Adjustment Tracking Factor occasioned solely by changes in the cost of purchased power and energy.

Rate Adjustments applicable to the below listed Rate Schedules are as follows:

|  |  |
| --- | --- |
| Residential Rate A | $0.000000 per kWh |
| Commercial Rate B | $0.000000 per kWh |
| General Power Rate C | $0.000000 per kWh |
| Industrial Rate PPL |  $0.000000 per kVAD |
| Industrial Rate PPL | $0.000000 per kWh |
| Industrial Rate IP | $0.000000 per kVAD |
| Industrial Rate IP | $0.000000 per kWh |
| Flat Rates | $0.000000 per kWh |

For the purposes of calculating trackers, please refer to the following base metrics:

Wholesale Power Purchase:

Demand Charge = $22.965 per kWD

Energy Charge = $ 0.030565 per kWh

Delivery Voltage Charge = $ 0.951 per kWD

ECA Demand Charge = $ 0.416 per kWD

ECA Energy Charge = ($ 0.001775) per kWh

Energy Allocation Factors:

Rate A 0.194847

Rate B 0.036322

Rate C 0.097809

Rate PPL 0.666078

Rate IP estimated once new load is established

Rate SL 0.003074

Rate OL 0.001870

Distribution Allocation Factors:

Rate A 0.270993

Rate B 0.052418

Rate C 0.124285

Rate PPL 0.551886

Rate IP estimated once new load is established

Rate SL 0.000259

Rate OL 0.000160

Total system loss = 2.80%

Average Power Factor = 99.06%

**Appendix B**

Description of Charges

**Reconnect/Disconnect Fee:** $43.00 for Rates A, B, and C service reconnection work performed during the Utility’s normal published business hours. For Rates PPL and IP service reconnection work performed during the Utility’s normal published business hours shall be $60.00.

**After Hours Reconnect/Disconnect Fee:** $125.00 for all service connection/reconnection work performed outside of the Utility’s normal published business hours.

**Return Check Fee:** $25.00.

**Meter Test Fee:** $33.00 per test

**Residential Security Deposit:** Minimum of $50.00 to a maximum of 2 months anticipated usage for service under Rate A. The actual amount shall be based on the results of the credit check.

**Business Security Deposit:** Minimum of $100.00 to a maximum of 2 months anticipated usage for service under Rates B, C, PPL and IP. The actual amount shall be based on the results of the credit check.

**Service Call:** $60.00 for a service call made during normal business hours. $150.00 for a service call made after normal business hours.

**Temporary Service Charge:** $200.00

**Late Payment:** 4% of the total current unpaid balance.

Customers disconnected for nonpayment will have until 8 p.m. local time during weekdays to call and make payment for reconnection. All other times shall be considered after hours. \*Weekend reconnections must be made between 10 a.m. and 5 p.m. local time on Saturday only and are considered after hours. Reconnects are not available on Sunday.

\*Saturday reconnections will be made only upon availability of Utility Billing Office personnel. No other Frankfort Municipal utilities employee will be eligible to make reconnections.

The Utility will accept CASH, MONEY ORDER, CREDIT and DEBIT CARDS only for disconnect payment. NO CHECKS WILL BE ACCEPTED.