

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No.** 7 Eighth **Revised Sheet No.** 8A  
Canceling **P.S.C. MO. No.** 7 Seventh **Revised Sheet No.** 8A  
For Missouri Retail Service Area

Residential Time Of Day Service (FROZEN)  
Schedule RTOD

MINIMUM

Minimum Monthly Bill:

- (i) \$15.94 per customer; plus
- (ii) Any additional charges for line extensions.

WINTER SEASON

Eight consecutive months, spanning the period October 1 to May 31 each year.

SUMMER SEASON

Four consecutive months, spanning the period June 1 to September 30 each year.

SUMMER ON-PEAK AND OFF-PEAK PERIODS

On-peak hours are defined to be the hours between 1 p.m. and 7 p.m., Monday through Friday, excluding week-day holidays during the Summer Season. Off-Peak hours are defined to be all other hours during the Summer Season. Week-day holidays are Independence Day and Labor Day.

DEMAND SIDE INVESTMENT MECHANISM RIDER

Subject to Schedule DSIM filed with the State Regulatory Commission.

FUEL ADJUSTMENT:

Fuel Adjustment Clause, Schedule FAC, shall be applicable to all customer billings under this schedule.

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TAX ADJUSTMENT

Tax Adjustment Schedule TA shall be applicable to all customer billings under this schedule.

REGULATIONS

Subject to Rules and Regulations filed with the State Regulatory Commission.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 Ninth Revised Sheet No. 10A  
Canceling P.S.C. MO. No. 7 Eighth Revised Sheet No. 10A  
For Missouri Retail Service Area

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| Medium General Service<br>Schedule MGS |
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RATE FOR SERVICE AT SECONDARY VOLTAGE, 1MGSE, 1MGSH, 1MSSE

A. CUSTOMER CHARGE:

Customer pays one of the following charges per month based upon the Facilities Demand:

|                  |          |
|------------------|----------|
| 0-24 kW          | \$55.28  |
| 25-199 kW        | \$55.28  |
| 200-999 kW       | \$112.26 |
| 1000 kW or above | \$958.56 |

ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat: \$2.58

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.212

C. DEMAND CHARGE:

|                                    |                      |                      |
|------------------------------------|----------------------|----------------------|
|                                    | <u>Summer Season</u> | <u>Winter Season</u> |
| Per kW of Billing Demand per month | \$4.202              | \$2.138              |

D. ENERGY CHARGE:

|                                |                                |                      |
|--------------------------------|--------------------------------|----------------------|
|                                | <u>Summer Season</u>           | <u>Winter Season</u> |
| First 180 Hours Use per month: | \$0.1098 <del>23</del> per kWh | \$0.09491 per kWh    |
| Next 180 Hours Use per month:  | \$0.07513 per kWh              | \$0.05680 per kWh    |
| Over 360 Hours Use per month:  | \$0.06336 per kWh              | \$0.04764 per kWh    |

E. SEPARATELY METERED SPACE HEAT (FROZEN), 1MGHE, 1MGHH

When the customer has separately metered electric space heating equipment of a size and design approved by the Company, the kWh used for electric space heating shall be billed as follows:

(i) Applicable during the Winter Season:

\$0.06206 per kWh per month.

(ii) Applicable during the Summer Season:

The demand established and energy used by equipment connected to the space heating circuit will be added to the demands and energy measured for billing under the rates above and for the determination of the Minimum Monthly Bill.

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No.** 7 Ninth Revised Sheet No. 17A  
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For Missouri Retail Service Area

Small General Service – All Electric (FROZEN)  
Schedule SGA

RATE FOR SERVICE AT SECONDARY VOLTAGE, 1SGAE, 1SGAH, 1SSAE

A. CUSTOMER CHARGE (per month):

Customer pays one of the following charges based upon the Facilities Demand:

|                  |          |
|------------------|----------|
| 0 - 24 kW        | \$19.08  |
| 25-199 kW        | \$52.90  |
| 200-999 kW       | \$107.46 |
| 1000 kW or above | \$917.58 |

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

|                   |         |
|-------------------|---------|
| First 25 kW       | \$0.000 |
| All kW over 25 kW | \$3.074 |

C. ENERGY CHARGE:

|                                | <u>Summer Season</u> | <u>Winter Season</u> |
|--------------------------------|----------------------|----------------------|
| First 180 Hours Use per month: | \$0.17032 per kWh    | \$0.12121 per kWh    |
| Next 180 Hours Use per month:  | \$0.08083 per kWh    | \$0.06461 per kWh    |
| Over 360 Hours Use per month:  | \$0.07200 per kWh    | \$0.05832 per kWh    |

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1SGAF, 1SGAG

A. CUSTOMER CHARGE (per month):

Customer pays one of the following charges based upon the Facilities Demand:

|                  |          |
|------------------|----------|
| 0 - 24 kW        | \$19.08  |
| 25-199 kW        | \$52.90  |
| 200-999 kW       | \$107.46 |
| 1000 kW or above | \$917.58 |

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

|                   |                               |
|-------------------|-------------------------------|
| First 26 kW       | \$0.000                       |
| All kW over 26 kW | \$3. <del>00</del> <u>274</u> |

C. ENERGY CHARGE:

|                                | <u>Summer Season</u> | <u>Winter Season</u> |
|--------------------------------|----------------------|----------------------|
| First 180 Hours Use per month: | \$0.16642 per kWh    | \$0.11844 per kWh    |
| Next 180 Hours Use per month:  | \$0.07896 per kWh    | \$0.06313 per kWh    |
| Over 360 Hours Use per month:  | \$0.07034 per kWh    | \$0.05696 per kWh    |

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 Ninth Revised Sheet No. 37B  
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For Missouri Retail Service Area

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| <b>MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE</b><br>Schedule TR |
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RATE, 1TSLM (continued)

Supplemental Equipment: (continued)

- (8) 12-Inch Round Lens. This supplemental equipment consists of a 12-inch diameter round lens and one 116-watt traffic signal type lamp which are substituted for an 8-inch lens and one 69-watt lamp. The monthly rate for this supplemental equipment is \$7.04. The monthly kWh is 48 kWh.
- (9) 9-Inch Square Lens. This supplemental equipment consists of a 9-inch square lens and one 116-watt traffic signal type lamp which are substituted for an 8-inch lens and one 69-watt lamp. The monthly rate for this supplemental equipment is ~~\$7.978-06~~. The monthly kWh is 50 kWh.
- (11) Vehicle - Actuation Units:
  - Loop Detector.
    - (a) Single. This supplemental equipment consists of one loop detector and one loop installed in the pavement so that vehicles passing over the loop operate the controller at the intersection. The monthly rate for this supplemental equipment is \$36.09. The monthly kWh is 15 kWh.
    - (b) Double. This supplemental equipment consists of one loop detector and two loops installed in the pavement so that vehicles passing over the loops operate the controller at the intersection. The monthly rate for this supplemental equipment is \$57.26. The monthly kWh is 18 kWh.
- (12) Flasher Equipment. This supplemental equipment consists of the necessary clock-controlled flasher equipment so that all signals at a controlled intersection may flash amber to traffic on the main street and flash red to traffic on the cross street during certain preset periods of time. The monthly rate for this supplemental equipment is \$10.24. The monthly kWh is 14 kWh.
- (13) Mast Arm:
  - (a) Style 2. This supplemental equipment consists of a steel mast arm not to exceed 30 feet in length supported on a steel pole which may or may not also support a street lighting unit. The pole and mast arm shall be of a "class" style with standard mast arm lengths of 15, 20, 25 or 30 feet, providing a minimum clearance for the traffic signal unit of 15 feet above the street. The monthly rate for this supplemental equipment, including pole, one mast arm, wiring cable, and traffic signal unit attachments, but excluding traffic signal unit, is \$47.95.
  - (b) Style 3. This supplemental equipment consists of a steel mast arm over 30 feet but not to exceed 38 feet in length, supported on a steel pole which may or may not also support a street lighting unit. The pole and mast arm shall be of a "classic" style with standard mast arm lengths of 35 and 38 feet, providing a minimum clearance for the traffic signal unit of 15 feet above the street. The monthly rate for this supplemental equipment, including pole, one mast arm, wiring cable and traffic signal unit attachments, but excluding traffic signal unit, is \$47.53.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No.       7       Original Sheet No.   50.11    
Canceling P.S.C. MO. No. \_\_\_\_\_ Sheet No. \_\_\_\_\_  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided May 28, 2017 and Thereafter)

DEFINITIONS

ACCUMULATION PERIODS, FILING DATES AND RECOVERY PERIODS: An accumulation period is the six calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate ("FAR"). The two six-month accumulation periods each year through May 27, 2021, the two corresponding twelve-month recovery periods and the filing dates are as shown below. Each filing shall include detailed work papers in electronic format with formulas intact to support the filing.

| <u>Accumulation Periods</u>       | <u>Filing Dates</u>          | <u>Recovery Periods</u>              |
|-----------------------------------|------------------------------|--------------------------------------|
| January – June<br>July – December | By August 1<br>By February 1 | October – September<br>April – March |

A recovery period consists of the months during which the FAR is applied to retail customer billings on a per kilowatt-hour (kWh) basis.

COSTS AND REVENUES: Costs eligible for the Fuel and Purchased Power Adjustment ("FPA") will be the Company's allocated jurisdictional costs for the fuel component of the Company's generating units, purchased power energy charges including applicable Southwest Power Pool ("SPP") charges, emission allowance costs and amortizations, cost of transmission of electricity by others associated with purchased power and off system sales – all as incurred during the accumulation period. These costs will be offset by jurisdictional off-system sales revenues, applicable SPP revenues, and revenue from the sale of Renewable Energy Certificates or Credits ("REC"). Eligible costs do not include the purchased power demand costs associated with purchased power contracts in excess of one year. Likewise, revenues do not include demand or capacity receipts associated with power contracts in excess of one year.

APPLICABILITY

The price per kWh of electricity sold to retail customers will be adjusted (up or down) periodically subject to application of the Rider FAC and approval by the Missouri Public Service Commission ("MPSC" or "Commission").

The FAR is the result of dividing the FPA by forecasted Missouri retail net system input ("SRP") for the recovery period, expanded for Voltage Adjustment Factors ("VAF"), rounded to the nearest \$0.00001, and aggregating over two accumulation periods. The amount charged on a separate line on retail customers' bills is equal to the current annual FAR multiplied by kWh billed.

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 Original Sheet No. 50.18  
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For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided May 28, 2017 and Thereafter)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

SPP IM charge/revenue types that are included in the FAC (continued)

- Real Time Pseudo Tie Congestion Amount
- Real Time Pseudo Tie Losses Amount
- Unused Regulation Up Mileage Make Whole Payment Amount
- Unused Regulation Down Mileage Make Whole Payment Amount
- Revenue Neutrality Uplift Distribution Amount

Should FERC require any item covered by components FC, E, PP, TC, OSSR or R to be recorded in an account different than the FERC accounts listed in such components, such items shall nevertheless be included in component FC, E, PP, TC, OSSR or R. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through the Rider FAC to be recorded in the account.

B = Net base energy costs ordered by the Commission in the last general rate case consistent with the costs and revenues included in the calculation of the FPA. ~~Net~~ Base Energy costs will be calculated as shown below:

$$S_{AP} \times \text{Base Factor ("BF")}$$

S<sub>AP</sub> = Net system input ("NSI") in kWh for the accumulation period

BF = Company base factor costs per kWh: \$0.01542

J = Missouri Retail Energy Ratio = (MO Retail kWh sales + MO Losses) / (MO Retail kWh Sales + MO Losses + KS Retail kWh Sales + KS Losses + Sales for Resale, Municipals kWh Sales [includes border customers] + Sales for Resale, Municipals Losses)  
MO Losses = 6.32%; KS Losses = 7.52%; Sales for Resale, Municipals Losses = 6.84%

T = True-up amount as defined below.

I = Interest applicable to (i) the difference between Missouri Retail ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered; (ii) refunds due to prudence reviews ("P"), if any; and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings ("T") provided for herein. Interest shall be calculated monthly at a rate equal to the weighted average interest paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined in this tariff.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7

Original Sheet No. 50.20

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For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
 FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
 (Applicable to Service Provided May 28, 2017 and Thereafter)

| Accumulation Period Ending: |  |   | KCPL-MO                    |
|-----------------------------|--|---|----------------------------|
| 1                           | Actual Net Energy Cost (ANEC) = (FC+E+PP+TC-OSSR-R)                      |   | \$0                        |
| 2                           | Net Base Energy Cost (B)   | - | <del>\$250,691,5620</del>  |
|                             | 2.1 Base Factor (BF)   |   | <del>\$0.00004542</del>    |
|                             | 2.2 Accumulation Period NSI (S <sub>AP</sub> )                           |   | <del>16,261,790,9250</del> |
| 3                           | (ANEC-B)   |   | \$0                        |
| 4                           | Jurisdictional Factor (J)  | * | 0%                         |
| 5                           | (ANEC-B)*J   |   | \$0                        |
| 6                           | Customer Responsibility  | * | 95%                        |
| 7                           | 95% *((ANEC-B)*J)  |   | \$0                        |
| 8                           | True-Up Amount (T)   | + | \$0                        |
| 9                           | Interest (I)   | + | \$0                        |
| 10                          | Prudence Adjustment Amount (P)   | + | \$0                        |
| 11                          | Fuel and Purchased Power Adjustment (FPA)                                | = | \$0                        |
| 12                          | Estimated Recovery Period Retail NSI (S <sub>RP</sub> )                  | ÷ | 0                          |
| 13                          | Current Period Fuel Adjustment Rate (FAR)                                | = | \$0.00000                  |
| 14                          |  |   |                            |
| 15                          | Current Period FAR <sub>Trans/Sub</sub> = FAR x VAF <sub>Trans/Sub</sub> |   | \$0.00000                  |
| 16                          | Prior Period FAR <sub>Trans/Sub</sub>                                    | + | \$0.00000                  |
| 17                          | Current Annual FAR <sub>Trans/Sub</sub>                                  | = | \$0.00000                  |
| 18                          |  |   |                            |
| 19                          | Current Period FAR <sub>Prim</sub> = FAR x VAF <sub>Prim</sub>           |   | \$0.00000                  |
| 20                          | Prior Period FAR <sub>Prim</sub>   | + | \$0.00000                  |
| 21                          | Current Annual FAR <sub>Prim</sub>                                       | = | \$0.00000                  |
| 22                          |  |   |                            |
| 23                          | Current Period FAR <sub>Sec</sub> = FAR x VAF <sub>Sec</sub>             |   | \$0.00000                  |
| 24                          | Prior Period FAR <sub>Sec</sub>  | + | \$0.00000                  |
| 25                          | Current Annual FAR <sub>Sec</sub>  | = | \$0.00000                  |
| 26                          |  |   |                            |
| 27                          | VAF <sub>Trans/Sub</sub> = 1.0195  |   |                            |
| 28                          | VAF <sub>Prim</sub> = 1.0451   |   |                            |
| 29                          | VAF <sub>Sec</sub> = 1.0707  |   |                            |