

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Fifteenth~~Fourteenth Revised  
 Sheet No. TOC-1

Canceling P.S.C. MO. No. 7 ~~Fourteenth~~Thirteenth Revised  
 Sheet No. TOC-1

For Missouri Retail Service Area

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~First~~ ~~Revised~~ Original Sheet No. TOC-2A  
Canceling P.S.C. MO. No. 7 Original Sheet No. TOC-2A  
For Missouri Retail Service Area

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~Ninth Revised Sheet No. 5A  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~Eighth Revised Sheet No. 5A  
 For Missouri Retail Service Area

RESIDENTIAL SERVICE Schedule R
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RATE

Single-phase kWh and three-phase kWh will be cumulated for billing under this schedule.

A. RESIDENTIAL GENERAL USE, 1RS1A, 1RSDA, 1RS1B

Customer Charge (Per Month)	<del>\$11.88</del> <u>12.62</u>	
	<u>Summer</u> <u>Season</u>	<u>Winter</u> <u>Season</u>
Energy Charge (Per kWh)		
First 600 kWh per month	<del>\$0.433280</del> <u>1.2893</u>	<del>\$0.44982</del> <u>1.2231</u>
Next 400 kWh per month	<del>\$0.43328</del> <u>1.4916</u>	<del>\$0.07183</del> <u>0.7396</u>
Over 1000 kWh per month	<del>\$0.43328</del> <u>1.4916</u>	<del>\$0.06003</del> <u>0.6561</u>

B. RESIDENTIAL GENERAL USE AND SPACE HEAT - ONE METER, 1RS6A, 1RFEB

When the customer has electric space heating equipment for the residence and the equipment is of a size and design approved by the Company and not connected through a separately metered circuit, the kWh shall be billed as follows:

Customer Charge (Per Month)	<del>\$11.88</del> <u>12.62</u>	
	<u>Summer</u> <u>Season</u>	<u>Winter</u> <u>Season</u>
Energy Charge (Per kWh)		
First 600 kWh per month	<del>\$0.43328</del> <u>1.3806</u>	<del>\$0.09367</del> <u>0.9703</u>
Next 400 kWh per month	<del>\$0.43328</del> <u>1.3806</u>	<del>\$0.09367</del> <u>0.9703</u>
Over 1000 kWh per month	<del>\$0.43328</del> <u>1.3806</u>	<del>\$0.05887</del> <u>0.6098</u>

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 5B  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 5B  
 For Missouri Retail Service Area

RESIDENTIAL SERVICE Schedule R
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RATE (continued)

**C. RESIDENTIAL GENERAL USE AND SPACE HEAT - 2 METERS 1RS2A, 1RS3A, 1RW7A, 1RH1A**

When the customer has electric space heating equipment for the residence and the equipment is of a size and design approved by the Company connected through a separately metered circuit, the kWh used shall be billed as follows. The option of separately metered space heating is limited to premises connected prior to January 1, 2007.

Customer Charge (Per Month)	<del>\$14.13</del> <sup>14.95</sup>	
	<u>Summer</u> Season	<u>Winter</u> Season
Energy Charge (Per kWh):		
First 600 kWh per month	<del>\$0.13328</del> <sup>13806</sup>	<del>\$0.11982</del> <sup>12412</sup>
Next 400 kWh per month	<del>\$0.13328</del> <sup>13806</sup>	<del>\$0.07183</del> <sup>07441</sup>
Over 1000 kWh per month	<del>\$0.13328</del> <sup>13806</sup>	<del>\$0.06003</del> <sup>06219</sup>
Separately metered space heat rate:		
All kWh (Per kWh)	<del>\$0.13328</del> <sup>13806</sup>	<del>\$0.06023</del> <sup>06239</sup>

D. When a customer has electric space heating equipment and electric water heating equipment of a size and design approved by the Company connected through a separately metered circuit, the kWh used shall be billed on Rate C above. This option of connecting water heating equipment on the separately metered circuit is limited to customers being served under this schedule prior to July 9, 1996.

MINIMUM

Minimum Monthly Bill:

- (1) Customer Charge; plus
- (2) Any additional charges for line extensions, if applicable.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Fourth~~Fifth Revised Sheet No. 6  
Canceling P.S.C. MO. No. 7 ~~Third~~Fourth Revised Sheet No. 6  
For Missouri Retail Service Area

RESIDENTIAL OTHER USE  
Schedule ROU

AVAILABILITY

This rate schedule applies to residential customers who do not qualify under any other residential rate. Customers qualifying for this rate will generally be those with well pumps, barns, machine sheds, detached garages and home workshops, whose meter is not connected to a single or multiple occupancy dwelling unit. This rate schedule cannot be used for any commercial or industrial customer.

RATE, 1RO1A

	<u>Summer</u>	<u>Winter</u>
Customer Charge	<del>\$11.88</del> <u>\$12.62</u> per month	<del>\$12.62</del> <u>\$11.88</u> per month
	<u>Summer</u>	<u>Winter</u>
Energy Charge		
All Energy	<del>\$0.1793</del> <u>\$0.17310</u> per kWh	<del>\$0.139330</del> <u>\$0.13450</u> per kWh

MINIMUM

Minimum Monthly Bill:

- (1) Customer Charge; plus
- (2) Any additional charges for line extensions, if applicable.

SUMMER AND WINTER SEASONS

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

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.

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.

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 8  
Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 8

For Missouri Retail Service Area

Residential Time Of Day Service (FROZEN)  
Schedule RTOD

AVAILABILITY

For electric service to a single-occupancy private residence:

Single-phase electric service through one meter for ordinary domestic use for the first 500 new or existing customers who request to be served under this schedule. This limit may be extended upon prior consent of the Company depending upon the availability and installation of metering equipment.

This rate schedule is a replacement for Schedule RTDE, cancelled July 9, 1996.

Temporary or seasonal service will not be supplied under this schedule.

This schedule is not available to new customers after October 8, 2015.

RATE, 1TE1A

Single-phase kWh will be cumulated for billing under this schedule.

A. Customer Charge:

~~\$15.39~~<sup>\$15.94</sup> per customer per month.

B. Energy Charge:

Summer Season:

On-Peak Hours

~~\$0.2043~~<sup>\$0.21173</sup> per kWh for all kWh per month.

Off-Peak Hours

~~\$0.1138~~<sup>\$0.11796</sup> per kWh for all kWh per month.

Winter Season:

~~\$0.0841~~<sup>\$0.08719</sup> per kWh for all kWh per month

**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 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 9A  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 9A  
 For Missouri Retail Service Area

Small General Service  
Schedule SGS

RATE FOR SERVICE AT SECONDARY VOLTAGE, 1SGSE, 1SGSH, 1SSSE, 1SUSE

A. CUSTOMER CHARGE:

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

Metered Service:	
0-24 kW	\$ <del>48.37</del> <u>19.08</u>
25-199 kW	\$ <del>50.92</del> <u>52.90</u>
200-999 kW	\$ <del>103.45</del> <u>107.46</u>
1000 kW or above	\$ <del>883.30</del> <u>917.58</u>

Unmetered Service:	\$ <del>7.748</del> <u>.01</u>
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ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat:	\$ <del>2.372</del> <u>.46</u>
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B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 25 kW	\$0.000
All kW over 25 kW	\$ <del>2.9593</del> <u>.074</u>

C. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>	
First 180 Hours Use per month: kWh	\$ <del>0.46395</del> <u>17032</u>	\$ <del>0.42739</del> <u>13233</u>	per
Next 180 Hours Use per month: kWh	\$ <del>0.07779</del> <u>08083</u>	\$ <del>0.06220</del> <u>06461</u>	per
Over 360 Hours Use per month: kWh	\$ <del>0.06931</del> <u>07200</u>	\$ <del>0.05614</del> <u>05832</u>	per

D. SEPARATELY METERED SPACE HEAT (FROZEN), 1SGHE, 1SGHH, 1SSHE

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:

\$~~0.06822~~07087 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.

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**KANSAS CITY POWER AND LIGHT COMPANY**

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 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 9B  
 For Missouri Retail Service Area

Small General Service  
Schedule SGS

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1SGSF, 1SGSG, 1SSSF

A. CUSTOMER CHARGE:

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

Metered Service:

0 - 24 kW	\$ <del>18.37</del> <sup>19.08</sup>
25-199 kW	\$ <del>50.92</del> <sup>52.90</sup>
200-999 kW	\$ <del>103.45</del> <sup>107.46</sup>
1000 kW or above	\$ <del>883.30</del> <sup>917.58</sup>

Unmetered Service: \$~~7.74~~<sup>8.01</sup>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 26 kW	\$0.000
All kW over 26 kW	\$ <del>2.89</del> <sup>3.002</sup>

C. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$ <del>0.4602</del> <sup>0.16642</sup> per kWh	\$ <del>0.1244</del> <sup>0.12932</sup> per
kWh		
Next 180 Hours Use per month:	\$ <del>0.0760</del> <sup>0.07896</sup> per kWh	\$ <del>0.0607</del> <sup>0.06313</sup> per
kWh		
Over 360 Hours Use per month:	\$ <del>0.0677</del> <sup>0.07034</sup> per kWh	\$ <del>0.0548</del> <sup>0.05696</sup> per
kWh		

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**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

Medium General Service  
Schedule MGS

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

Medium General Service  
Schedule MGS

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1MGSF, 1MGSG

A. CUSTOMER CHARGE:

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

0-24 kW	<u>\$53.2155.28</u>
25-199 kW	<u>\$53.2155.28</u>
200-999 kW	<u>\$108.07112.26</u>
1000 kW or above	<u>\$922.75958.56</u>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$2.5632.662

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<u>\$3.9514.104</u>	<u>\$2.0092.087</u>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month: per kWh	<u>\$0.4032010721</u> per kWh	<u>\$0.0892209268</u>
Next 180 Hours Use per month: per kWh	<u>\$0.0706907343</u> per kWh	<u>\$0.0534205549</u>
Over 360 Hours Use per month: per kWh	<u>\$0.0596006191</u> per kWh	<u>\$0.0449804673</u>



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**KANSAS CITY POWER AND LIGHT COMPANY**

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For Missouri Retail Service Area

Medium General Service  
Schedule MGS

REACTIVE DEMAND ADJUSTMENT (Secondary and Primary Service)

Company may determine the customer's monthly maximum 30-minute reactive demand in kilovars. In each month a charge of \$0.~~775~~<sup>805</sup> per month shall be made for each kilovar by which such maximum reactive demand is greater than fifty percent (50%) of the customer's Monthly Maximum Demand (kW) in that month. The maximum reactive demand in kilovars shall be computed similarly to the Monthly Maximum Demand as defined in the Determination of Demands section.

MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge, Facilities Charge, Demand Charge, and Reactive Demand Adjustment.

SUMMER AND WINTER SEASONS

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

SECONDARY AND PRIMARY VOLTAGE CUSTOMER DEFINITIONS

- Secondary voltage customer - Receives service on the low side of the line transformer.
- Primary voltage customer - Receives service at Primary voltage of 12,000 volts or over but not exceeding 69,000 volts. Customers receiving service at 4160 volts as of May 5, 1986 are also classified as Primary voltage customers. Customer will own all equipment necessary for transformation including the line transformer.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 11A  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 11A  
 For Missouri Retail Service Area

Large General Service  
Schedule LGS

RATE FOR SERVICE AT SECONDARY VOLTAGE, 1LGSE, 1LGSH

A. CUSTOMER CHARGE:

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

0-24 kW	<del>\$114.38</del> <sup>118.82</sup>
25-199 kW	<del>\$114.38</del> <sup>118.82</sup>
200-999 kW	<del>\$114.38</del> <sup>118.82</sup>
1000 kW or above	<del>\$976.54</del> <sup>1,014.44</sup>

ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat: ~~\$2.62~~<sup>2.72</sup>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month ~~\$3.27~~<sup>3.39</sup>

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<del>\$6.53</del> <sup>6.78</sup>	<del>\$3.51</del> <sup>3.65</sup>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	<del>\$0.0959</del> <sup>0.0969</sup> per kWh	<del>\$0.0884</del> <sup>0.0916</sup> per kWh
kWh		
Next 180 Hours Use per month:	<del>\$0.0661</del> <sup>0.0687</sup> per kWh	<del>\$0.0508</del> <sup>0.0528</sup> per kWh
kWh		
Over 360 Hours Use per month:	<del>\$0.0426</del> <sup>0.0442</sup> per kWh	<del>\$0.0358</del> <sup>0.0371</sup> per kWh
kWh		

E. SEPARATELY METERED SPACE HEAT (FROZEN), 1LGHE, 1LGHH, 1LSHE

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:

~~\$0.0593~~<sup>0.0616</sup> 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.

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 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 11B  
 For Missouri Retail Service Area

Large General Service  
Schedule LGS

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1LGSF, 1LGSG

A. CUSTOMER CHARGE:

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

0-24 kW	<del>\$114.38</del> <sup>118.82</sup>
25-199 kW	<del>\$114.38</del> <sup>118.82</sup>
200-999 kW	<del>\$114.38</del> <sup>118.82</sup>
1000 kW or above	<del>\$976.54</del> <sup>1,014.44</sup>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month ~~\$2.71~~<sup>32.818</sup>

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<del>\$6.38</del> <sup>66.634</sup>	
		<del>\$3.43</del> <sup>63.569</sup>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month: per kWh	<del>\$0.0938</del> <sup>109745</sup> per kWh	<del>\$0.086</del> <sup>1708951</sup>
Next 180 Hours Use per month: per kWh	<del>\$0.0645</del> <sup>706708</sup> per kWh	<del>\$0.0496</del> <sup>305156</sup>
Over 360 Hours Use per month: per kWh	<del>\$0.0416</del> <sup>004321</sup> per kWh	<del>\$0.035</del> <sup>1003646</sup>

Issued: ~~September 8, 2015~~May 9, 2017  
Issued by: Darrin R. Ives, Vice President

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1200 Main, Kansas City, MO 64105

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~Ninth Revised Sheet No. 11C  
Canceling P.S.C. MO. No. 7 ~~Seventh~~Eighth Revised Sheet No. 11C

For Missouri Retail Service Area

Large General Service  
Schedule LGS

REACTIVE DEMAND ADJUSTMENT (Secondary and Primary Service)

Company may determine the customer's monthly maximum 30-minute reactive demand in kilovars. In each month a charge of ~~-\$0.821853~~ per month shall be made for each kilovar by which such maximum reactive demand is greater than fifty percent (50%) of the customer's Monthly Maximum Demand (kW) in that month. The maximum reactive demand in kilovars shall be computed similarly to the Monthly Maximum Demand as defined in the Determination of Demands section.

MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge, Facilities Charge, Demand Charge, and Reactive Demand Adjustment.

SUMMER AND WINTER SEASONS

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

SECONDARY AND PRIMARY VOLTAGE CUSTOMER DEFINITIONS

- Secondary voltage customer - Receives service on the low side of the line transformer.
- Primary voltage customer - Receives service at Primary voltage of 12,000 volts or over but not exceeding 69,000 volts. Customers receiving service at 4160 volts as of May 5, 1986 are also classified as Primary voltage customers. Customer will own all equipment necessary for transformation including the line transformer.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 14A  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 14A  
 For Missouri Retail Service Area

Large Power Service Schedule LPS
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RATE FOR SERVICE AT SECONDARY VOLTAGE, 1PGSE, 1PGSH

A. CUSTOMER CHARGE (per month):		\$ <del>1,106,301,149.23</del>
B. FACILITIES CHARGE:		
Per kW of Facilities Demand per month		\$ <del>3,7053,849</del>
C. DEMAND CHARGE:		
Per kW of Billing Demand per month		
	<u>Summer Season</u>	<u>Winter Season</u>
First 2443 kW	\$ <del>14,37414.932</del>	\$ <del>9,77410.150</del>
Next 2443 kW	\$ <del>11,49811.944</del>	\$ <del>7,6247.920</del>
Next 2443 kW	<del>-\$9,63210.006</del>	<del>\$6,7266.987</del>
All kW over 7329 kW	<del>-\$7,031</del> <u>7.304</u>	<del>\$5,1785.379</del>
D. ENERGY CHARGE:		
	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$ <del>0.0900009350</del> per kWh	\$ <del>0.0763007926</del> per kWh
Next 180 Hours Use per month:	\$ <del>0.0534805557</del> per kWh	\$ <del>0.0486605055</del> per kWh
Over 360 Hours Use per month:	\$ <del>0.0256602667</del> per kWh	\$ <del>0.0254402640</del> per kWh

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1PGSF, 1PGSG, 1POSF, 1POSG

A. CUSTOMER CHARGE (per month):		\$ <del>1,106,301,149.23</del>
B. FACILITIES CHARGE:		
Per kW of Facilities Demand per month		\$ <del>3,0743,190</del>
C. DEMAND CHARGE:		
Per kW of Billing Demand per month		
	<u>Summer Season</u>	<u>Winter Season</u>
First 2500 kW	\$ <del>14,04414.589</del>	\$ <del>9,5459.915</del>
Next 2500 kW	\$ <del>11,23611.672</del>	\$ <del>7,4547.740</del>
Next 2500 kW	<del>-\$9,4149.776</del>	<del>\$6,5726.827</del>
All kW over 7500 kW	<del>-\$6,8747.138</del>	<del>\$5,0645.257</del>
D. ENERGY CHARGE:		
	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$ <del>0.0879409136</del> per kWh	\$ <del>0.0745607745</del> per kWh
Next 180 Hours Use per month:	\$ <del>0.0522805432</del> per kWh	\$ <del>0.0475404938</del> per kWh
Over 360 Hours Use per month:	\$ <del>0.0250702604</del> per kWh	\$ <del>0.0248402580</del> per kWh



**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 14B  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 14B  
 For Missouri Retail Service Area

Large Power Service Schedule LPS
-------------------------------------

RATE FOR SERVICE AT SUBSTATION VOLTAGE, 1PGSV, 1POSV

A. CUSTOMER CHARGE (per month):		\$ <del>1,106.301</del> <sup>1,149.23</sup>
B. FACILITIES CHARGE:		
Per kW of Facilities Demand per month		\$ <del>0.9270</del> <sup>0.963</sup>
C. DEMAND CHARGE:		
Per kW of Billing Demand per month		
	<u>Summer Season</u>	<u>Winter Season</u>
First 2530 kW	\$ <del>13.876</del> <sup>14.415</sup>	<del>9.4349</del> <sup>8.00</sup>
Next 2530 kW	\$ <del>11.104</del> <sup>11.532</sup>	<del>7.3637</del> <sup>6.49</sup>
Next 2530 kW	<del>9.2999</del> <sup>6.60</sup>	<del>6.4966</del> <sup>7.48</sup>
All kW over 7590 kW	<del>6.7907</del> <sup>0.54</sup>	<del>5.0015</del> <sup>1.95</sup>
D. ENERGY CHARGE:		
	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$ <del>0.0869209029</del> per kWh	\$ <del>0.0737007656</del> per kWh
Next 180 Hours Use per month:	\$ <del>0.0516705368</del> per kWh	\$ <del>0.0469804880</del> per kWh
Over 360 Hours Use per month:	\$ <del>0.0247702573</del> per kWh	\$ <del>0.0245402549</del> per kWh

RATE FOR SERVICE AT TRANSMISSION VOLTAGE, 1PGSZ, 1POSW, 1POSZ

A. CUSTOMER CHARGE (per month):		\$ <del>1106.301</del> <sup>1,149.23</sup>
B. FACILITIES CHARGE:		
Per kW of Facilities Demand per month		\$0.000
C. DEMAND CHARGE:		
Per kW of Billing Demand per month		
	<u>Summer Season</u>	<u>Winter Season</u>
First 2553 kW	\$ <del>13.757</del> <sup>14.291</sup>	<del>9.3499</del> <sup>7.12</sup>
Next 2553 kW	\$ <del>11.002</del> <sup>11.429</sup>	<del>7.2977</del> <sup>5.80</sup>
Next 2553 kW	<del>9.2149</del> <sup>5.72</sup>	<del>6.4386</del> <sup>6.88</sup>
All kW over 7659 kW	<del>6.7296</del> <sup>9.90</sup>	<del>4.9565</del> <sup>1.48</sup>
D. ENERGY CHARGE:		
	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$ <del>0.0861508949</del> per kWh	\$ <del>0.0730207585</del> per kWh
Next 180 Hours Use per month:	\$ <del>0.0512005319</del> per kWh	\$ <del>0.0465604837</del> per kWh
Over 360 Hours Use per month:	\$ <del>0.0245602551</del> per kWh	\$ <del>0.0243102525</del> per kWh

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 14C  
Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 14C

For Missouri Retail Service Area

Large Power Service Schedule LPS
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REACTIVE DEMAND ADJUSTMENT (Secondary, Primary, Substation and Transmission Voltage Service)

Company may determine the customer's monthly maximum 30-minute reactive demand in kilovars. In each month a charge of ~~\$0.9300.966.~~ per month shall be made for each kilovar by which such maximum reactive demand is greater than fifty percent (50%) of the customer's Monthly Maximum Demand (kW) in that month. The maximum reactive demand in kilovars shall be computed similarly to the Monthly Maximum Demand as defined in the Determination of Demands section.

MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge, Facilities Charge, Demand Charge, and Reactive Demand Adjustment.

SUMMER AND WINTER SEASONS

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No.** 7 Ninth Revised Sheet No. 17A  
Canceling **P.S.C. MO. No.** 7 Eighth Revised Sheet No. 17A  
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	\$3.00274

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 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 18A  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 18A  
 For Missouri Retail Service Area

Medium General Service – All Electric (FROZEN)  
 Schedule MGA

RATE FOR SERVICE AT SECONDARY VOLTAGE, 1MGAE, 1MGAH

A. CUSTOMER CHARGE (per month):

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

0 - 24 kW	<del>\$53.21</del> <sup>\$55.28</sup>
25-199 kW	<del>\$53.21</del> <sup>\$55.28</sup>
200-999 kW	<del>\$108.07</del> <sup>\$112.26</sup>
1000 kW or above	<del>\$922.75</del> <sup>\$958.56</sup>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month ~~\$3.09~~<sup>\$2.212</sup>

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<del>\$4.04</del> <sup>\$4.202</sup>	<del>\$2.914</del> <sup>\$3.027</sup>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	<del>\$0.10573</del> <sup>\$0.10983</sup> <del>10982</del> per kWh	
\$ <del>0.08046</del> <sup>\$0.08327</sup> per kWh		
Next 180 Hours Use per month:	<del>\$0.07232</del> <sup>\$0.07513</sup> per kWh	<del>\$0.04586</del> <sup>\$0.04764</sup> per kWh
kWh		
Over 360 Hours Use per month:	<del>\$0.06099</del> <sup>\$0.06336</sup> per kWh	<del>\$0.03982</del> <sup>\$0.04137</sup> per kWh
kWh		

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 18B  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 18B  
 For Missouri Retail Service Area

Medium General Service – All Electric (FROZEN)  
 Schedule MGA

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1MGAF

A. CUSTOMER CHARGE (per month):

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

0 - 24 kW	<del>\$53,215.28</del>
25-199 kW	<del>\$53,215.28</del>
200-999 kW	<del>\$108,071.26</del>
1000 kW or above	<del>\$922,759.56</del>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month ~~\$2,563.662~~

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<del>\$3,954.104</del>	<del>\$2,854.962</del>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month: kWh	<del>\$0.4032010721</del> per kWh	<del>\$0.0783608140</del> per kWh
Next 180 Hours Use per month: kWh	<del>\$0.0706907343</del> per kWh	<del>\$0.0447204646</del> per kWh
Over 360 Hours Use per month: kWh	<del>\$0.0596006191</del> per kWh	<del>\$0.0390704059</del> per kWh

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 18C  
Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 18C

For Missouri Retail Service Area

Medium General Service – All Electric (FROZEN)  
Schedule MGA

REACTIVE DEMAND ADJUSTMENT (Secondary and Primary)

Company may determine the customer's monthly maximum 30-minute reactive demand in kilovars. In each month a charge of \$0.~~775~~<sup>805</sup> per month shall be made for each kilovar by which such maximum reactive demand is greater than fifty percent (50%) of the customer's Monthly Maximum Demand (kW) in that month. The maximum reactive demand in kilovars shall be computed similarly to the Monthly Maximum Demand as defined in the Determination of Demands section.

MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge, Facilities Charge, Demand Charge, and Reactive Demand Adjustment.

SUMMER AND WINTER SEASONS

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

SECONDARY AND PRIMARY VOLTAGE CUSTOMER DEFINITIONS

Secondary voltage customer -	Receives service on the low side of the line transformer.
Primary voltage customer -	Receives service at Primary voltage of 12,000 volts or over but not exceeding 69,000 volts. Customers receiving service at 4160 volts as of May 5, 1986 are also classified as Primary voltage customers. Customer will own all equipment necessary for transformation including the line transformer.

Issued: ~~September 8, 2015~~<sup>May 9, 2017</sup>  
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1200 Main, Kansas City, MO 64105

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~Ninth Revised Sheet No. 19A  
Canceling P.S.C. MO. No. 7 ~~Seventh~~Eighth Revised Sheet No. 19A  
For Missouri Retail Service Area

Large General Service – All Electric (FROZEN)  
Schedule LGA

RATE FOR SERVICE AT SECONDARY VOLTAGE, 1LGAE, 1LGAH

A. CUSTOMER CHARGE (per month):

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

0-24 kW	<del>\$114.38</del> <u>118.82</u>
25-199 kW	<del>\$114.38</del> <u>118.82</u>
200-999 kW	<del>\$114.38</del> <u>118.82</u>
1000 kW or above	<del>\$976.54</del> <u>1,014.44</u>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month ~~\$3.27~~3.399

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<del>\$6.53</del> <u>6.788</u>	<del>\$3.25</del> <u>3.382</u>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month: kWh	<del>\$0.0959</del> <u>609969</u> per kWh	<del>\$0.0847</del> <u>908808</u> per
Next 180 Hours Use per month: kWh	<del>\$0.0661</del> <u>506872</u> per kWh	<del>\$0.0454</del> <u>904726</u> per
Over 360 Hours Use per month: kWh	<del>\$0.0426</del> <u>004425</u> per kWh	<del>\$0.0355</del> <u>403689</u> per

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**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 19B  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 19B  
 For Missouri Retail Service Area

Large General Service – All Electric (FROZEN)  
 Schedule LGA

RATE FOR SERVICE AT PRIMARY VOLTAGE, 1LGAF

A. CUSTOMER CHARGE (per month):

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

0-24 kW	<del>\$114.38</del> <u>118.82</u>
25-199 kW	<del>\$114.38</del> <u>118.82</u>
200-999 kW	<del>\$114.38</del> <u>118.82</u>
1000 kW or above	<del>\$976.54</del> <u>1,014.44</u>

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month ~~\$2.71~~32.818

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	<del>\$6.38</del> <u>6.634</u>	<del>\$3.17</del> <u>3.302</u>

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month: kWh	<del>\$0.0938</del> <u>109745</u> per kWh	<del>\$0.0830</del> <u>108623</u> per
Next 180 Hours Use per month: kWh	<del>\$0.0645</del> <u>706708</u> per kWh	<del>\$0.0444</del> <u>904622</u> per
Over 360 Hours Use per month: kWh	<del>\$0.0416</del> <u>6004321</u> per kWh	<del>\$0.0348</del> <u>303618</u> per

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# KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 19C  
Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 19C

For Missouri Retail Service Area

## Large General Service – All Electric (FROZEN) Schedule LGA

### REACTIVE DEMAND ADJUSTMENT (Secondary and Primary)

Company may determine the customer's monthly maximum 30-minute reactive demand in kilovars. In each month a charge of \$~~0.824~~<sup>0.853</sup> per month shall be made for each kilovar by which such maximum reactive demand is greater than fifty percent (50%) of the customer's Monthly Maximum Demand (kW) in that month. The maximum reactive demand in kilovars shall be computed similarly to the Monthly Maximum Demand as defined in the Determination of Demands section.

### MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge, Facilities Charge, Demand Charge, and Reactive Demand Adjustment.

### SUMMER AND WINTER SEASONS

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

### SECONDARY AND PRIMARY VOLTAGE CUSTOMER DEFINITIONS

Secondary voltage customer -	Receives service on the low side of the line transformer.
Primary voltage customer -	Receives service at Primary voltage of 12,000 volts or over but not exceeding 69,000 volts. Customers receiving service at 4160 volts as of May 5, 1986 are also classified as Primary voltage customers. Customer will own all equipment necessary for transformation including the line transformer.

### DETERMINATION OF DEMANDS

Demand will be determined by demand instruments or, at the Company's option, by demand tests.

### MINIMUM DEMAND

200 kW for service at Secondary Voltage.  
204 kW for service at Primary Voltage.

### MONTHLY MAXIMUM DEMAND

The Monthly Maximum Demand is defined as the highest demand indicated in any 30-minute interval during the month on all meters

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Ninth</sup> Revised Sheet No. 20C  
 Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Eighth</sup> Revised Sheet No. 20C

For Missouri Retail Service Area

Two Part – Time Of Use (FROZEN)  
 Schedule TPP

PRICES (continued)

Time-of-Use Prices

<u>Voltage/Rate Schedule</u>	<u>Winter</u>		<u>Summer</u>	
	<u>On-Peak</u>	<u>Off-Peak</u>	<u>On-Peak</u>	<u>Off-Peak</u>
<u>Secondary</u>				
SGS, SGA	\$0. <del>05444</del> <sup>05655</sup>		\$0. <del>04698</del> <sup>04880</sup>	\$0. <del>14060</del> <sup>14606</sup>
MGS, MGA	\$0. <del>04727</del> <sup>04910</sup>		\$0. <del>03799</del> <sup>03946</sup>	\$0. <del>12703</del> <sup>13196</sup>
LGS, LGA	\$0. <del>04525</del> <sup>04701</sup>		\$0. <del>03649</del> <sup>03791</sup>	\$0. <del>12293</del> <sup>12770</sup>
LPS	\$0. <del>03965</del> <sup>04119</sup>		\$0. <del>03331</del> <sup>03460</sup>	\$0. <del>11525</del> <sup>11972</sup>
<u>Primary</u>				
SGS, SGA	\$0. <del>05281</del> <sup>05486</sup>		\$0. <del>04559</del> <sup>04736</sup>	\$0. <del>12980</del> <sup>13484</sup>
MGS, MGA	\$0. <del>04584</del> <sup>04762</sup>		\$0. <del>03686</del> <sup>03829</sup>	\$0. <del>11725</del> <sup>12180</sup>
LGS, LGA	\$0. <del>04391</del> <sup>04561</sup>		\$0. <del>03541</del> <sup>03678</sup>	\$0. <del>11348</del> <sup>11788</sup>
LPS	\$0. <del>03846</del> <sup>03995</sup>		\$0. <del>03234</del> <sup>03360</sup>	\$0. <del>10637</del> <sup>11050</sup>
<u>Substation</u>				
LPS	\$0. <del>03799</del> <sup>03946</sup>		\$0. <del>03189</del> <sup>03313</sup>	\$0. <del>09957</del> <sup>10343</sup>
<u>Transmission</u>				
LPS	\$0. <del>03774</del> <sup>03920</sup>		\$0. <del>03168</del> <sup>03291</sup>	\$0. <del>09922</del> <sup>10307</sup>

Prices are shown in \$ per kWh

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Fourth~~<sup>Third</sup> Revised Sheet No. 20D  
Canceling P.S.C. MO. No. 7 ~~Third~~<sup>Second</sup> Revised Sheet No. 20D

For Missouri Retail Service Area

Two Part – Time Of Use (FROZEN)  
Schedule TPP

SPECIAL PROVISIONS FOR CUSTOMERS WITH A MPOWER RIDER

MPOWER Customers will be eligible for the TPP tariff. The MPOWER credits will continue to be applied through the calculation of the Standard Bill. The curtailment provisions will continue to apply as stated in the rider.

SPECIAL PROVISIONS FOR CUSTOMERS WITH AN ECONOMIC DEVELOPMENT RIDER

Economic Development Rider (EDR) Customers will continue to receive the discounts provided for in the rider except that they will apply to the CBL usage only. Changes in usage from the CBL quantities will be priced at the TPP rate applicable to the Customer's tariff category, not at the EDR rate. The EDR discount percentage will change each year in accordance with the EDR provisions even though the CBL quantities remain fixed.

SPECIAL PROVISIONS FOR CUSTOMERS WITH A THERMAL STORAGE RIDER

This tariff is available to Customers currently taking service under the Thermal Storage Rider. The Customer's CBL billing determinants will be interpreted using the conditions of the rider. Customers that install thermal storage after November 1, 1996, must establish one year of usage with the thermal storage rider before taking service under this tariff. At the Company's option, the billing determinants of the Customer's historical CBL may be modified to reflect the introduction or modification of thermal storage capacity for the establishment of the CBL quantities.

SPECIAL PROVISIONS FOR ELECTRIC HEATING CUSTOMERS

For existing Customers that are currently taking service with separately metered space heat, the change in KWh is determined by summing the usage from the separate meters, both for CBL usage and for the current period.

PROGRAM CHARGE

A program charge of ~~\$33.54~~<sup>\$34.81</sup> per month (~~\$11.17~~<sup>\$11.60</sup> per month for customers on SGS and SGA rate schedules) is required to cover additional billing and administrative costs associated with TPP. In addition, this charge will be collected from Customers for the remainder of the first twelve months if they return to service under the standard tariff before the initial twelve (12) month contract period is complete.



**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 28B  
Canceling P.S.C. MO. No. 7 ~~Seventh~~<sup>Sixth</sup> Revised Sheet No. 28B

For Missouri Retail Service Area

**STANDBY SERVICE FOR SELF-GENERATING CUSTOMERS**  
**Schedule SGC**

BILL DETERMINATION (continued)

Reactive = Incremental reactive power charge, calculated by taking the difference between the bill for reactive power using the standard rate applied to the current month quantities and the bill based on the historical CBL quantities. This charge may be positive or negative;

PC = Interconnection Charge + Facilities Charge + Administrative Charge; and

Payment = Payment from KCPL for electricity services supplied by the Customer to KCPL  
=  $\sum_{hr} [RTP:MC_{hr} * QFkWh_{hr}]$ ;

Where:

RTP:MC<sub>hr</sub> = Adjusted RTP-Plus prices each hour, with adjustments as described below in the section on Prices; and

QFkWh<sub>hr</sub> = Electricity supplied to the Company by the Customer in each hour.

The Access Charge is defined as follows:

Access Charge = The difference between the Standard Bill and the monthly sum of the product in each hour of the CBL kWh multiplied by the hourly energy price;  
= Standard Bill -  $\sum_{hr} [RTP_{hr} * CBLkWh_{hr}]$ .

PRICES

The baseline tariff prices that are used in the calculation of the Standard Bill can be found on the Customer's applicable standard tariff sheets (Schedule SGS, MGS, LGS, LPS, SGA, MGA, or LGA).

The hourly energy prices are the Real Time Prices from Schedule RTP-Plus, except when modified for transmission or interruptible service. The hourly energy prices will be adjusted with a transmission service adder during the following hours on non-holiday weekdays in July and August:

<u>Hours</u>	<u>Price Adder</u>
11:00 a.m. - 2:00 p.m.	\$ <del>0.03174</del> <sup>0.03294</sup> per kWh
2:00 p.m. - 6:00 p.m.	\$ <del>0.07747</del> <sup>0.08048</sup> per kWh
6:00 p.m. - 7:00 p.m.	\$ <del>0.03174</del> <sup>0.03294</sup> per kWh

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Eighth~~Ninth Revised Sheet No. 30  
Canceling P.S.C. MO. No. 7 ~~Seventh~~Eighth Revised Sheet No. 30

For Missouri Retail Service Area

**STANDBY OR BREAKDOWN SERVICE (FROZEN)**  
Schedule SA

AVAILABILITY

Available only to Customers taking service under this schedule on January 10, 1966 and who are served hereunder continuously thereafter.

For service through one meter to a Customer producing electrical or mechanical energy in his own plant and purchasing electric service from the Company during such periods as his plant is not operating or for use in emergencies.

Available only if Company has sufficient capacity available in generating, distributing and transforming equipment for the service requested.

Supplementary or seasonal service will not be supplied under this schedule.

RATE

Demand Charge: \$~~15.367~~15.963 per month per kW of demand.

Energy Charge: \$ ~~0.49032~~19771 per kWh.

MINIMUMS

Minimum Monthly Bill:

The minimum monthly bill shall be the Demand Charge.

DETERMINATION OF DEMAND

Demand will be determined by demand instruments or, at the Company's option, by demand tests, and shall be the highest demand indicated in any 30-minute interval during the month. The billing demand shall be the highest demand during the 12-month period ending with the current month but in no event less than ten kW for secondary electric service or less than 75 kW for primary electric service.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 33  
 Canceling P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 33

For Missouri Retail Service Area

<p><b>PRIVATE UNMETERED LIGHTING SERVICE</b>                  Schedule AL</p>
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AVAILABILITY

For unmetered lighting service for private entrances, exits, yards, driveways, streets, alleys, walkways and other all-night outdoor private areas on existing Customer's premises. Not available for municipal street, park or other public lighting, or for temporary service.

RATE, 1ALDA, 1ALDE

A. Base Charge:

The monthly rate for each private lighting unit installed on an existing wood pole and using existing secondary circuits is as follows:

	Monthly kWh	Area <u>Lighting</u>	Flood <u>Lighting</u>
5800 Lumen High Pressure Sodium Unit	34	<del>\$23.9304</del>	
8600 Lumen Mercury Vapor Unit*	71	<del>\$25.174.23</del>	
16000 Lumen High Pressure Sodium Unit	67		<del>\$27.406.38</del>
22500 Lumen Mercury Vapor Unit*	157	<del>\$30.8129.66</del>	
22500 Lumen Mercury Vapor Unit*	157		<del>\$30.8129.66</del>
27500 Lumen High Pressure Sodium Unit	109	<del>\$29.148.05</del>	
50000 Lumen High Pressure Sodium Unit	162		<del>\$31.790.60</del>
63000 Lumen Mercury Vapor Unit*	372		<del>\$40.0438.54</del>

\* Limited to the units in service on May 5, 1986, until removed.

B. Additional Charges:

If an extension of the Company's secondary circuit or a new circuit is required either on or off the Customer's premises to supply service hereunder at the location or locations desired on the Customer's premises, the above monthly rate shall be increased as follows:

Each 30-foot ornamental steel pole installed	\$ <del>7.3508</del>
Each 35-foot ornamental steel pole installed	\$ <del>8.3908</del>
Each 30-foot wood pole installed	\$ <del>5.6342</del>
Each 35-foot wood pole installed	\$ <del>6.155.92</del>
Each overhead span of circuit installed	\$ <del>4.123.97</del>

If the installation of additional transformer facilities is required to supply service hereunder, the above monthly rate shall be increased by a charge equal to one and three-fourths percent (1¾%) of the Company's total investment in such additional transformer facilities.

If the Customer requires underground service, the Customer will be responsible for installing all underground duct work in conformance with Company specifications and the Company will be responsible for installing cable and making the connection to Company facilities. There will be an additional \$~~3.1503~~ per month charge for each underground lighting unit served up to a maximum of 300 feet of underground conduit per lighting unit.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Tenth~~<sup>Ninth</sup> Revised Sheet No. 35  
 Canceling P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 35  
 For Missouri Retail Service Area

**MUNICIPAL STREET LIGHTING SERVICE**  
 Schedule ML

AVAILABILITY

Available for street lighting service through a Company-owned Street Lighting System within corporate limits of a municipality.

TERM OF CONTRACT

Contracts under this schedule shall be for a period of not less than ten years from the effective date thereof.

RATE (Light Emitting Diode (LED)), 1MLLL

1.0 Basic Installation:

Street luminaires on new wood poles serviced from overhead circuits by a new extension not in excess of 200 feet per unit: (Code OW)

	<u>Size and Type of Luminaire--</u>	<u>Monthly kWh</u>	<u>Rate per Luminaire per Month<sup>(2) (3)</sup></u>
1.1	5000 Lumen LED (Class A)(Type V pattern) <sup>(1)</sup>	16	<del>\$20.00</del> <u>20.78</u>
1.2	5000 Lumen LED (Class B)(Type II pattern) <sup>(1)</sup>	16	<del>\$20.00</del> <u>20.78</u>
2.3	7500 Lumen LED (Class C)(Type III pattern) <sup>(1)</sup>	23	<del>\$22.50</del> <u>23.37</u>
2.4	12500 Lumen LED (Class D)(Type III pattern) <sup>(1)</sup>	36	<del>\$24.00</del> <u>24.93</u>
2.5	24500 Lumen LED (Class E)(Type III pattern) <sup>(1)</sup>	74	<del>\$26.00</del> <u>27.01</u>

2.0 Street luminaires on short bracket arm and existing wood poles served from existing overhead circuits: (Code EW)

	<u>Size and Type of Luminaire--</u>	<u>Monthly kWh</u>	<u>Rate per Luminaire per Month</u>
2.1	5000 Lumen LED (Class B)(Type II pattern) <sup>(1)</sup>	16	<del>\$11.00</del> <u>11.43</u>
2.3	7500 Lumen LED (Class C)(Type III pattern) <sup>(1)</sup>	23	<del>\$13.50</del> <u>14.02</u>
2.4	12500 Lumen LED (Class D)(Type III pattern) <sup>(1)</sup>	36	<del>\$15.00</del> <u>15.58</u>
2.5	24500 Lumen LED (Class E)(Type III pattern) <sup>(1)</sup>	74	<del>\$17.00</del> <u>17.66</u>

<sup>(1)</sup>Lumens for LED luminaires may vary ±12% due to differences between lamp suppliers.

<sup>(2)</sup>Twin luminaires shall be two times the rate per single luminaire per month.

<sup>(3)</sup>Existing LED luminaires installed under the MARC Pilot (Schedule ML-LED) will be converted to these rates based on their installed lumen size.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Tenth~~<sup>Ninth</sup> Revised Sheet No. 35A  
 Canceling P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 35A  
 For Missouri Retail Service Area

**MUNICIPAL STREET LIGHTING SERVICE**  
**Schedule ML**

RATE (High Pressure Sodium Vapor) 1MLSL (FROZEN)

7.0 Basic Installation:  
 Street lamps equipped with hood, open bottom reflector, and short bracket arm on existing wood poles served from existing overhead circuits: (Code EW)  
 Not available for new service after July 1, 2016.

	<u>Size of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u>
1.1	9500 Lumen High Pressure Sodium	49	\$ <del>32.17</del> <sup>68</sup>
1.2	16000 Lumen High Pressure Sodium	67	\$ <del>21.81</del> <sup>00</sup>

RATE (Mercury Vapor and High Pressure Sodium Vapor) , 1MLML, 1MLSL (FROZEN)

8.0 Basic Installation:  
 Street lamps equipped with hood, reflector, and refractor, on wood poles serviced from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW)  
 Not available for new service after July 1, 2016.

	<u>Size and Type of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u> <sup>(2)</sup>
8.1	8600 Lumen Mercury Vapor <sup>(1)</sup>	71	\$ <del>22.05</del> <sup>22.91</sup>
8.2	12100 Lumen Mercury Vapor <sup>(1)</sup>	101	\$ <del>24.73</del> <sup>25.69</sup>
8.3	22500 Lumen Mercury Vapor <sup>(1)</sup>	157	\$ <del>26.96</del> <sup>28.01</sup>
8.4	9500 Lumen High Pressure Sodium	49	\$ <del>21.52</del> <sup>22.36</sup>
8.5	16000 Lumen High Pressure Sodium	67	\$ <del>23.98</del> <sup>24.91</sup>
8.6	27500 Lumen High Pressure Sodium	109	\$ <del>25.49</del> <sup>26.48</sup>
8.7	50000 Lumen High Pressure Sodium	162	\$ <del>27.80</del> <sup>28.88</sup>

<sup>(1)</sup>Limited to the units in service on April 18, 1992, until removed.

<sup>(2)</sup>Twin lamps shall be two times the rate per single lamp per month. kWh usage for twin lamps is two times the single monthly kWh.

RATE (Optional Equipment) , 1MLML, 1MLSL, 1MLLL

9.0 Optional Equipment: The following rates for Optional Equipment shall be added to the rate for Basic Installation listed in 1.0 and 8.0 above.

9.1 Steel pole instead of wood pole, additional charge per unit per month \$~~4.59~~<sup>1.56</sup> (New installations are available with underground service only).

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Tenth~~<sup>Ninth</sup> Revised Sheet No. 35B  
 Canceling P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 35B

For Missouri Retail Service Area

<p><b>MUNICIPAL STREET LIGHTING SERVICE</b>                  Schedule ML</p>
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RATE (Optional Equipment) , 1MLML, 1MLSL, 1MLLL (continued)

9.0 Optional Equipment: (continued)

- 9.2 Aluminum pole instead of wood pole, additional charge per unit per month ~~\$3.763.91~~. (Available with underground service only). Forty foot aluminum poles may, at the option of the Company, be used with the 24500 Lumen LED luminaires.
- 9.3 Underground Service extension, under sod, not in excess of 200 feet. Additional charge per unit per month ~~\$6.336.58~~.
- 9.4 Underground Service extension under concrete, not in excess of 200 feet. Additional charge per unit per month ~~\$24.1825.12~~.
- 9.5 Breakaway Base Additional charge per unit per month ~~\$3.463.59~~. (Available with underground service only).

RATE (Customer-owned) (High Pressure Sodium Vapor), 1MLCL

10.0 Street lamps equipped with a hood, reflector, and refractor; owned, operated and maintained by the Customer. Company provides annual energy and underground service facilities to base of each Customer-owned pole at the following rates: <sup>(1)</sup>

	Monthly kWh	Rate per Lamp per Month
(1) Code CX [single]	67	<del>\$5.285.46</del>
(2) Code TCX [twin]	134	<del>\$40.5610.93</del>

Annual energy charge shall be determined by the product of: (i) total kilowatts of power required for the operation, (ii) 4100 hours per year, and (iii) \$0.~~079082~~.

Annual service facilities charge shall be equal to 21.00% of the total installed cost of the Company street lighting service facilities as determined at the time of any installation, extension, addition or betterment of the Company's service facilities.

10.1 Specially designed street lamps equipped with three ornamental 150 watt High Pressure Sodium Vapor Luminaries and ornamental base and pole, referred to as San Francisco street lights, installed, owned, operated and maintained by the Customer. Company may, at its discretion, install such facilities provided the Customer agrees to pay the total cost of installation incurred by the Company. <sup>(2)</sup> Lamps shall be controlled with a photo-electric cell or other positive controlled device which restricts service to non-daylight hours. Company provides annual energy and underground service facilities to base of each Customer-owned pole at the following rate:

- (1) Code CXP

Annual energy charge shall be determined by the product of (i) total kilowatts of power required for the operation, (ii) 4100 hours per year, and (iii) \$0.~~079082~~.

<sup>(1)</sup> Limited to the units in service on May 5, 1986, until removed.  
<sup>(2)</sup> Limited to the units in service on May 18, 2011, until removed.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Tenth~~<sup>Ninth</sup> Revised Sheet No. 36  
Canceling P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 36  
For Missouri Retail Service Area

**MUNICIPAL STREET LIGHTING SERVICE**  
Schedule ML

AVAILABILITY

Available for street lighting service through a Company-owned Street Lighting System within corporate limits of a municipality.

TERM OF CONTRACT

Contracts under this schedule shall be for a period of not less than ten years from the effective date thereof.

RATE, 3MLSL (High Pressure Sodium Vapor) (FROZEN)

1.0 Street lamps equipped with hood, open bottom reflector, and short bracket arm on existing wood poles served from existing overhead circuits: (Code EW) Not available for new service after July 1, 2016.

	<u>Size of Lamp</u>		<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u>
1.1	9500 Lumen High Pressure Sodium		49	<del>\$12.68</del> <sup>13.17</sup>
1.2	16000 Lumen High Pressure Sodium		67	<del>\$21.00</del> <sup>21.81</sup>

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Tenth~~<sup>Ninth</sup> Revised Sheet No. 36A  
 Canceling P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 36A  
 For Missouri Retail Service Area

**MUNICIPAL STREET LIGHTING SERVICE**  
**Schedule ML**

RATE, 3MLML, 3MLSL (Mercury Vapor and High Pressure Sodium Vapor) (FROZEN): (continued)

4.0 Basic Installation

Street lamps equipped with hood, reflector, and refractor, on wood poles served from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW) Not available for new service after July 1, 2016.

	<u>Size and Type of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Month*</u>
4.1	8600 Lumen Mercury Vapor <sup>(1)</sup>	71	<del>\$22.05</del> <u>22.91</u>
4.4	9500 Lumen High Pressure Sodium	49	<del>\$21.52</del> <u>22.36</u>
4.5	16000 Lumen High Pressure Sodium	67	<del>\$23.98</del> <u>24.91</u>
4.6	27500 Lumen High Pressure Sodium	109	<del>\$25.49</del> <u>26.48</u>
4.7	50000 Lumen High Pressure Sodium	162	<del>\$27.80</del> <u>28.88</u>

\* Twin lamps shall be two times the rate per single lamp per month. kWh usage for twin lamps is two times the single monthly kWh.

<sup>(1)</sup> Limited to units in service on April 18, 1992, until removed.

RATE (Optional Equipment) (FROZEN)

5.0 Optional Equipment: The following rates for Optional Equipment shall be added to the Basic Installation rates listed in 4.0 above for Mercury Vapor and High Pressure Sodium Vapor installations only. (Not available for new service after July 1, 2016)

- 5.1 Steel pole instead of wood pole, additional charge per unit per month ~~\$4.50~~1.56.
- 5.2 Aluminum pole instead of wood pole, additional charge per unit per month ~~\$3.76~~3.91. (Available with underground service only). Forty foot aluminum poles may, at the option of the Company, be used with the 50,000 Lumen High Pressure Sodium Vapor units.
- 5.3 Underground Service extension, under sod, not in excess of 200 feet. Additional charge per unit per month ~~\$6.33~~6.58.
- 5.4 Underground Service extension under concrete, not in excess of 200 feet. Additional charge per unit per month ~~\$24.48~~25.12.
- 5.5 Breakaway Base Additional charge per unit per month ~~\$3.46~~3.59. (Available with underground service only).



**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Tenth~~<sup>Ninth</sup> Revised Sheet No. 36B  
Canceling P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 36B  
For Missouri Retail Service Area

**MUNICIPAL STREET LIGHTING SERVICE**  
Schedule ML

RATE, 3MLCL (Customer-owned) (FROZEN)

6.0 Street lamps equipped with hood, reflector, and refractor, owned and installed by Customer, maintained by and controlled by the Company, served overhead or underground: (Code LMX) Not available for new service after July 1, 2016.

	<u>Size of Lamp</u>		<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u>
6.2	8600	Lumen - Limited Maintenance	71	<del>\$40.72</del> <sup>\$11.14</sup>
6.3	22500	Lumen - Limited Maintenance	157	<del>\$23.32</del> <sup>\$24.23</sup>
6.4	9500	Lumen - Limited Maintenance	49	<del>\$40.72</del> <sup>\$11.14</sup>
6.5	27500	Lumen - Limited Maintenance	109	<del>\$23.32</del> <sup>\$24.23</sup>

REPLACEMENT OF UNITS

Existing street lamps shall be replaced at the same pole location with a different type of standard unit installation only by mutual agreement of the Company and the Municipality. The Company has the right to replace existing mercury vapor or high pressure sodium street lamps in need of repair or replacement (or on poles in need of repair or replacement) with equivalent Light Emitting Diode (LED) street luminaires.

STANDARD UNITS

Standard street lamps are those LED units for which a rate is stated except those with an X designation in the type code.

BURNING HOURS

Unless otherwise stated, lamps are to burn each and every day of the year from about one-half hour after sunset to about one-half hour before sunrise, approximately 4100 hours per year.

FUEL ADJUSTMENT

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

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~~<sup>Eighth</sup> Revised Sheet No. 37  
Canceling P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 37

For Missouri Retail Service Area

## MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE Schedule TR

### AVAILABILITY

Available for traffic control signal service through a Company-owned Traffic Control System within corporate limits of a municipality.

### TERM OF CONTRACT

Contracts under this schedule shall be for a period of not less than ten years from the effective date thereof.

### RATE, 1TSLM

Basic Installations:

- (1) Individual Control. This basic installation consists of four mounted 3-light signal units all with 8-inch lenses, and is operated by its own controller (having no more than fourteen signal circuits), which is activated by a synchronous motor. The monthly rate for this basic installation is ~~\$202.74~~<sup>~~195.17~~</sup>. The monthly kWh is 213 kWh.
- (3) Flasher Control:
  - (A) 1-Way, 1-Light Signal Unit. This basic installation consists of one 1-light signal unit with an 8-inch lens mounted on an existing post, with the traffic signal lamp flashing alternately "on" and "off" 24 hours per day. The monthly rate for this basic installation is ~~\$47.75~~<sup>~~45.97~~</sup>. The monthly kWh is 50 kWh.
  - (B) 4-Way, 1-Light Signal Unit - Suspension. This basic installation consists of four 1-light signal units all with 8-inch lenses mounted by pipe fittings with the entire assembly suspended from an overhead messenger or from a mast arm with a minimum clearance distance of 15 feet above the roadway. The installation is operated by an individual flashing contactor which is activated by a synchronous motor. The monthly rate for this basic installation is ~~\$56.53~~<sup>~~54.42~~</sup>. The suspension system for this signal unit is provided for under Supplemental Equipment, Mast Arm, Wood Pole Suspension or Steel Pole Suspension. The monthly kWh is 101 kWh.
- (4) Pedestrian Push Button Control. This basic installation consists of two 3-light units for vehicular control, two 2-light signal units for pedestrian control all with 8-inch lenses, a pair of push buttons for pedestrian actuation, a controller, and a flashing device. The monthly rate for this basic installation is ~~\$169.69~~<sup>~~163.35~~</sup>. The monthly kWh is 221 kWh.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 37A  
Canceling P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 37A

For Missouri Retail Service Area

**MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE**  
Schedule TR

RATE, 1TSLM (continued)

Basic Installations:

- (6) Multi-Phase Electronic Control. This basic installation consists of an electronic controller (Eagle Moduvac type or equal) complete with cabinet, power supply and load relays; additional equipment as required, and all necessary interconnecting cables. This basic installation is limited to those installations where such basic installations are installed and operating on May 18, 2011, and where such basic installations are operated continuously thereafter. The monthly rate for this basic installation determined on an individual intersection basis is as follows:

North Kansas City      23<sup>rd</sup> and Howell, 23<sup>rd</sup> and Iron      \$~~489.6274~~<sup>33</sup>

The monthly kWh is 55 kWh. If a customer shall request the installation of a different Multi-Phase Electronic Control other than the above, the monthly rate therefore shall be agreed upon in writing by the Company and the customer, subject to any requisite State Regulatory Commission approval.

Supplemental Equipment:

- (4) 3-Light Signal Unit. This supplemental equipment consists of one 3-light signal unit with 8-inch lenses installed at any controlled intersection where the 3-light signal unit can be connected to the existing control cable and controller at such intersection. The monthly rate for this supplemental equipment is \$~~28.857~~<sup>77</sup>. This supplemental equipment can be used with the basic 4-Way 3-Light Suspension Control Signal Unit only if the signal units are hung on the same suspension system as the initial units. The monthly kWh is 50 kWh.
- (5) 2-Light Signal Unit. This supplemental equipment consists of one 2-light signal unit with 8-inch lenses installed at any controlled intersection where the 2-light signal unit can be connected to the existing control cable and controller at such intersection. The 2-light signal unit may have one lens worded "Walk" and the other lens worded "Wait", if specified by the customer. The monthly rate for this supplemental equipment is \$~~27.766~~<sup>72</sup>. The monthly kWh is 50 KWH.
- (6) 1-Light Signal Unit. This supplemental equipment consists of one 1-light signal with an 8-inch lens installed as an addition to an existing signal unit at any controlled intersection where the 1-light signal unit can be connected to the existing control cable and controller at such intersection. The monthly rate for this supplemental equipment is \$~~8.693~~<sup>7</sup>. The monthly kWh is 50 kWh.
- (7) Pedestrian Control Equipment. This supplemental equipment can be installed at any controlled intersection where the Pedestrian Control Equipment can be connected to the existing control cable and controller at such intersection, and operated by the existing controller at such intersection by the addition of necessary cams and relays.

Push Buttons, Pair. This supplemental equipment consists of a pair of push buttons for pedestrian actuation which may be installed as pedestrian actuation devices at a basic Individual Control installation where Treadle Detectors or Loop Detectors are used or as additional stations at a basic Pedestrian Push Button Control installation. The monthly rate for this supplemental equipment is \$~~3.87~~<sup>73</sup>.

**KANSAS CITY POWER AND LIGHT COMPANY**

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

<b>MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE</b> Schedule TR
--

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 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 37C  
Canceling P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 37C  
For Missouri Retail Service Area

**MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE**  
**Schedule TR**

RATE, 1TSLM (continued)

Supplemental Equipment: (continued)

- (14) Back Plate. This supplemental equipment consists of one back plate mounted behind a single head to extend 8 inches beyond the signal in all directions. The monthly rate for this supplemental equipment is ~~\$2.192.44~~.
- (15) Wood Pole Suspension. This supplemental equipment consists of two wood poles, necessary guys and span cable to support suspension type traffic signal installations. The monthly rate for this supplemental equipment is ~~\$22.2224.39~~.
- (18) Traffic Signal Pole. This supplemental equipment consists of a steel pole or an aluminum pole that is no more than 15 feet in length. The monthly rate for this supplemental equipment is ~~\$12.1944.73~~ for each pole.

The monthly rates for each type of Supplemental Equipment at an intersection are in addition to the monthly rate for the Basic Installation at that intersection.

FUEL ADJUSTMENT

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

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 ~~Fourth~~<sup>Third</sup> Revised Sheet No. 43Z  
Canceling P.S.C. MO. No. 7 ~~Third~~<sup>Second</sup> Revised Sheet No. 43Z

For Missouri Retail Service Area

<b>ECONOMIC RELIEF PILOT PROGRAM</b> <b>Schedule ERPP</b>
--

PURPOSE

The Economic Relief Pilot Program (ERPP) offered by the Company provides an opportunity to relieve the financial hardship experienced by some of our customers. Through this pilot we shall endeavor to insure this program is a valuable and viable program for customers.

APPLICATION

This ERPP is applicable to qualified customers for residential service billed under Schedule R. The ERPP will, on a pilot basis, provide ~~up to 1,500~~ participants with a fixed credit on their monthly bill (ERPP credit), for a period up to 12 months from the billing cycle designated by the Company as the participant's first month until the billing cycle designated as the participant's last for ERPP. At the end of the 12 month period, a customer may reapply to participate further in the program through the term of the pilot program.

DEFINITIONS

- Qualified Customer – A Customer receiving residential service under Schedule R, who is classified as low-income by the Missouri Department of Social Service criteria, and whose annual household income is no greater than 200% of the federal poverty level, as established by the poverty guidelines updated periodically in the Federal Register by the U.S. Department of Health and Human Services under the authority of 42 U.S.C. 9902 (2).
- Applicant – A Qualified Customer who submits an ERPP application form for the ERPP credit.
- Participant – An Applicant who agrees to the terms of the ERPP and is accepted by the Company.
- Program Funds – Annual ratepayer funding for the ERPP is \$630,000. Ratepayer funding shall be matched dollar for dollar by the Company. The \$1,260,000 annual sum of ratepayer funding and Company matching funds shall be the "program funds".
- Agencies – The social service agencies serving the Company's service territory that qualify and assist ERPP customers pursuant to written contract between the Company and the Agencies.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~First~~Second Revised Sheet No. 43Z.1  
Canceling P.S.C. MO. No. 7 First ~~Original~~Revised Sheet No. 43Z.1  
For Missouri Retail Service Area

**ECONOMIC RELIEF PILOT PROGRAM  
Schedule ERPP**

AVAILABILITY

Service under this rate schedule shall be available to ~~up to 1,500~~ participants in the Company's service area limited to the available funds and who satisfy the following eligibility requirements:

- (1) Participant must be a customer receiving residential service under the Company's Schedule R.
- (2) Participant's annual household income must be verified initially, and annually thereafter, as being no greater than 200 percent (200%) of the federal poverty level.
- (3) Participants who have outstanding arrearages will enter special pay agreements as mutually agreed to by both the Participant and the Company.
- (4) Participants must provide, via an interview or questionnaire, information related to their energy use and program participation. Any information provided in these interviews or questionnaires that is later made public will not be associated with the participant's name.
- (5) Any provision of the Company's rules and regulations applicable to the Company's Schedule R customers will also apply to ERPP participants.
- (6) Participants will not be subject to late payment penalties while participating in the program.

ENERGY ASSISTANCE

- (1) Participants who have not previously completed an application for a LIHEAP ("Low-Income Home Energy Assistance Program") grant agree to apply for a LIHEAP grant when such grants become available. The Company, through the Agencies, shall assist ERPP participants with completion of LIHEAP application forms when such assistance is requested.
- (2) Applicants agree to apply for any other available energy assistance programs identified by the Company.

# KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 ~~Second~~First Revised Sheet No. 43Z.2  
Canceling P.S.C. MO. No. 7 First ~~Revised~~Original Sheet No. 43Z.2  
For Missouri Retail Service Area

## ECONOMIC RELIEF PILOT PROGRAM Schedule ERPP

### CREDIT AMOUNT

Participants shall receive the available ERPP credit for so long as the participant continues to meet the ERPP eligibility requirements and reapplies to the program as required.

~~Up to 1,500~~ participants shall receive the ERPP credit in the amount of each participant's average bill for the most recent 12 months bills, not to exceed \$65 per month. The credit amount will be determined by the Company at the time of enrollment.

### DISCONTINUANCE AND REINSTATEMENT

The Company will discontinue a participant's ERPP credit for any of the following reasons:

- (1) If the Company, through the Agencies, determines the participant no longer meets the eligibility requirements set forth in this tariff.
- (2) If the participant submits a written request to the Company asking that the ERPP credit be discontinued.
- (3) If the participant does not conform to the Company's rules and regulations as approved by the Missouri Public Service Commission, and as a result the participant has Schedule R service discontinued.

Reinstatement of the ERPP credit following discontinuance in the above circumstances and after the participant again meets the eligibility requirements will be at the discretion of the Company.

### MISAPPLICATION OF THE ERPP CREDIT

Providing incorrect or misleading information to obtain the ERPP credit shall constitute a misapplication of the ERPP credit. If this occurs the Company may discontinue the ERPP credit and rebill the account for the amount of all ERPP credits received by the participant. Failure to reimburse the Company for the misapplication of the ERPP credits may result in termination of customer's electric service pursuant to the Company's rules and regulations. However, nothing in this experimental tariff shall be interpreted as limiting the Company's rights under any provisions of any applicable law or tariff.



**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Second~~First Revised Sheet No. 43Z.3  
Canceling P.S.C. MO. No. 7 First ~~Revised~~Original Sheet No. 43Z.3  
For Missouri Retail Service Area

ECONOMIC RELIEF PILOT PROGRAM  
Schedule ERPP

OTHER CONDITIONS

The ERPP program has been designed so that the Company neither profits from nor incurs losses as a result of offering this experimental program.

Costs of administering the program, including those costs charged by the Agencies, shall be paid from the program funds.

The Company will gather and maintain participant data on usage, arrears, payments and other relevant factors to be used in the evaluation of the program.

The Company shall make non-confidential data, as well as any and all program evaluations that are conducted, available to the parties.

The pilot program may be evaluated in any Company rate or complaint case. The evaluation shall be conducted by an independent third party evaluator under contract with the Company, that is acceptable to the Company, Commission Staff and the Public Counsel. The costs of the evaluator shall be paid from the program funds.

If any program funds in excess of actual program expenses remain at the end of the ERPP program, they shall be made available for future ERPP expenditures until exhausted.

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First  Original Sheet No. 43AP  
 Revised  
  
Cancelling P.S.C. MO. No. 7  Original Sheet No. 43AP  
 Revised  
For Missouri Retail Service Area

## RESIDENTIAL TIME OF USE PILOT PROGRAM FOR THE SMART GRID DEMONSTRATION AREA Schedule SGTU

(Continued)

### B. RESIDENTIAL GENERAL TIME OF USE AND SPACE HEAT - ONE METER:

When the customer has electric space heating equipment for the residence and the equipment is of a size and design approved by the Company and not connected through a separately metered circuit, the kWh shall be billed as follows:

Customer Charge (Per Month)	<del>\$9.00</del> <u>12.62</u>
	Summer <u>Season</u>
Energy Charge (Per kWh)	
On-Peak Hours kWh per month	<del>\$0.3784</del> <u>2975</u>
Off-Peak Hours kWh per month	<del>\$0.0634</del> <u>07166</u>
	Winter <u>Season</u>
Energy Charge (Per kWh)	
First 1000 kWh per month	<del>\$0.0738</del> <u>208384</u>
Over 1000 kWh per month	<del>\$0.0487</del> <u>205533</u>

### MINIMUM:

Minimum Monthly Bill:

- (1) Customer Charge; plus
- (2) Any additional charges for line extensions, if applicable.

Issued: May 9, 2017

Issued by: Darrin R. Ives, Vice President

Effective: June 8, 2017

1200 Main, Kansas City, MO 64105

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First  Original Sheet No. 43AO  
 Revised  
  
 Cancelling P.S.C. MO. 7  Original Sheet No. 43AO  
 Revised  
 For Missouri Retail Service Area

## RESIDENTIAL TIME OF USE PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule SGTOU

### AVAILABILITY:

This Program will be made available to any Customer qualified to receive service under any generally available residential rate schedule within the Smart Grid Demonstration Area who has a Company-installed AMI meter on the premise. Customers who have non-standard meter configurations (i.e. dual meters, Current Transformer-based metering) are not eligible to participate. Customers receiving service under this schedule are precluded from participating in Net Metering, Schedule NM and NMRF.

The Smart Grid Demonstration Area is an area in Kansas City, Missouri that reaches approximately from Main St. to Swope Parkway and 36th St. to 52nd St in Kansas City's urban core. The Company may limit the number of participants based on available Program budget. Customers may sign-up for the Program at anytime during the year and the rates will begin on the first day of the Customer's next billing cycle.

### RATE:

kWh will be cumulated for billing under this schedule.

#### A. RESIDENTIAL GENERAL TIME OF USE:

Customer Charge (Per Month)	<del>\$9.00</del> <u>12.62</u>
Summer <u>Season</u>	
Energy Charge (Per kWh)	
On-Peak Hours kWh per month	<del>\$0.378</del> <u>442975</u>
Off-Peak Hours kWh per month	<del>\$0.063</del> <u>407166</u>
Winter <u>Season</u>	
Energy Charge (Per kWh)	
First 600 kWh per month	<del>\$0.099</del> <u>411259</u>
Next 400 kWh per month	<del>\$0.059</del> <u>4506752</u>
Over 1000 kWh per month	<del>\$0.049</del> <u>6805643</u>

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 45  
 Canceling P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 45

For Missouri Retail Service Area

<p><b>OFF-PEAK LIGHTING SERVICE</b>  <b>Schedule OLS</b></p>
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AVAILABILITY

For unmetered, secondary voltage, electric outdoor lighting service solely to governmental entities for purposes of enhancing security and/or illuminating streets, parks, athletic fields, parking lots, or other outdoor facilities. The lamps served under this schedule must be controlled with a photo-electric cell or other positive controlled device which restricts service to non-daylight hours. Governmental entities qualifying for service under this schedule include departments, agencies, and subdivisions of the United States, the State of Missouri, counties, municipalities, and school districts.

Service to privately-owned lights or Company-owned street lights shall not be supplied under this schedule. Standby, back-up, supplementary, temporary, or seasonal service shall not be supplied under this schedule.

TERM OF CONTRACT

Contracts under this schedule shall be for a period of not less than one year from the effective date thereof.

RATE, 1OLSL

- 1.0 The Customer will pay a monthly charge for each lamp based upon the nominal rating in watts and the type of lamp. The monthly charges for high-pressure sodium and metal halide lamps are shown as follows:

	Nominal Rating in Watts	Energy Blocks (kWh)	Energy Block Price per kWh
1.1	1 - 99	Total Watts X MBH X BLF ÷ 1000	\$0.08 <del>3027992</del>
1.2	100 - 149	First 100 Watts X MBH X BLF ÷ 1000	\$0.08 <del>3027992</del>
		Excess over 100 Watts X MBH X BLF ÷ 1000	\$0.07 <del>767477</del>
1.3	150 - 249	First 100 Watts X MBH X BLF ÷ 1000	\$0.08 <del>3027992</del>
		Next 50 Watts X MBH X BLF ÷ 1000	\$0.07 <del>767477</del>
		Excess over 150 Watts X MBH X BLF ÷ 1000	\$0.07 <del>498248</del>
1.4	250 - 399	First 100 Watts X MBH X BLF ÷ 1000	\$0.08 <del>3027992</del>
		Next 150 Watts X MBH X BLF ÷ 1000	\$0.07 <del>498248</del>
		Excess over 250 Watts X MBH X BLF ÷ 1000	\$0.06 <del>828573</del>
1.5	400 and Above	First 100 Watts X MBH X BLF ÷ 1000	\$0.08 <del>3027992</del>
		Next 300 Watts X MBH X BLF ÷ 1000	\$0.06 <del>828573</del>
		Excess over 400 Watts X MBH X BLF ÷ 1000	\$0.06 <del>828573</del>

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~Ninth~~<sup>Eighth</sup> Revised Sheet No. 45A  
Canceling P.S.C. MO. No. 7 ~~Eighth~~<sup>Seventh</sup> Revised Sheet No. 45A  
For Missouri Retail Service Area

**OFF-PEAK LIGHTING SERVICE**  
**Schedule OLS**

RATE, 1OLSL (continued)

2.0 The monthly charges for all types of lamps other than high-pressure sodium or metal halide are shown as follows:

<u>Nominal Rating in Watts</u>	<u>Energy Blocks (kWh)</u>	<u>Energy Block Price per kWh</u>
2.1 All Wattages	Total Watts X MBH X BLF ÷ 1000	\$0.083027992

Definitions

- 1) MBH = Monthly Burning Hours (4100 hours divided by 12). Lamps served under this rate schedule are assumed to burn 4100 hours per year.
- 2) BLF = Ballast Loss Factor, which is 1 plus the manufacturer's published ballast loss percentage (expressed as a decimal fraction) for the installed unit.

FUEL ADJUSTMENT

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

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 ~~Second~~First Revised Sheet No. 48A  
 Canceling P.S.C. MO. No. 7 First ~~Revised~~Original Sheet No. 48A  
 For Missouri Retail Service Area

MUNICIPAL STREET LIGHTING SERVICE  
 LIGHT EMITTING DIODE (LED) PILOT PROGRAM  
 Schedule ML-LED

RATE, 1MLLL (LED)

The rates charged for 11.1 and 11.2 below are exclusively for the purposes of the Pilot Project and are not reflective of rates that may be associated with a LED lighting schedule upon completion of pilot period study. An LED lighting rate may be developed based on the outcome of this pilot and or other relevant information.

11.0 Basic Installation:  
 Street lamps equipped with hood, reflector, and refractor, on wood poles serviced from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW)

	<u>Size of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Year*</u>
11.1	Small LED (≤ 7000 lumens)	21	<del>\$268.32</del> <u>\$258.24</u>
11.2	Large LED (> 7000 lumens)	44	<del>\$298.92</del> <u>\$287.76</u>

\* Twin lamps shall be two times the rate per single lamp per year. kWh usage for twin lamps is two times the single monthly kWh.

12.0 Optional Equipment: The following rates for Optional Equipment shall be added to the rate for Basic Installation listed in 11.1 and 11.2 above for LED installations only.

12.1 Ornamental steel pole instead of wood pole, additional charge per unit per year \$18.~~72~~99. (New installations are available with underground service only).

12.2 Aluminum pole instead of a wood pole, additional charge per unit per year \$~~46.95~~42. (Available with underground service only).

12.3 Underground service extension, under sod, not in excess of 200 feet. Additional charge per unit per year \$~~78~~5.96.

12.4 Underground service extension under concrete, not in excess of 200 feet. Additional charge per unit per year \$~~301.44~~290.16.

12.5 Breakaway base. Additional charge per unit per year \$~~43.08~~4.52. (Available with underground service only).

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First  Original Sheet No. 49P

Revised

Cancelling P.S.C. MO. No. 7  Original Sheet No. 49P

Revised

For Missouri Retail Service Area

## DEMAND SIDE INVESTMENT MECHANISM RIDER (Cycle 2) Schedule DSIM (Continued)

### Net Margin Revenue Rates by Rate Class by Month & Earnings Opportunity Matrix:

	January	February	March	April	May	June	July	August	September	October	November	December
RES Margin less fuel	\$0.07233	\$0.07660	\$0.07742	\$0.08516	\$0.08597	\$0.12249	\$0.12590	\$0.12644	\$0.12522	\$0.07927	\$0.08517	\$0.07736
SGS Margin less fuel	\$0.07761	\$0.07951	\$0.08060	\$0.08678	\$0.08833	\$0.11489	\$0.10862	\$0.10693	\$0.10898	\$0.08618	\$0.08794	\$0.08128
MGS Margin less fuel	\$0.04727	\$0.04842	\$0.04961	\$0.05424	\$0.05440	\$0.07494	\$0.07089	\$0.07039	\$0.07120	\$0.05280	\$0.05520	\$0.05002
LGS Margin less fuel	\$0.03137	\$0.03299	\$0.03241	\$0.03542	\$0.03447	\$0.04835	\$0.04639	\$0.04540	\$0.04572	\$0.03411	\$0.03567	\$0.03301
LPS Margin less fuel	\$0.01167	\$0.01174	\$0.01297	\$0.01252	\$0.01060	\$0.01404	\$0.01345	\$0.01165	\$0.01112	\$0.01175	\$0.01300	\$0.01540
RATE CLASS	January	February	March	April	May	June	July	August	September	October	November	December
RES	\$0.07062	\$0.07308	\$0.07667	\$0.08083	\$0.08276	\$0.12058	\$0.12058	\$0.12058	\$0.12058	\$0.07631	\$0.08232	\$0.07140
MGS	\$0.04518	\$0.04541	\$0.04680	\$0.04931	\$0.05156	\$0.08167	\$0.07832	\$0.07870	\$0.07770	\$0.04933	\$0.04962	\$0.04576
SGS	\$0.07582	\$0.07688	\$0.07911	\$0.04931	\$0.08660	\$0.11700	\$0.11087	\$0.11100	\$0.10926	\$0.08410	\$0.08391	\$0.07720
LGS	\$0.03305	\$0.03223	\$0.03377	\$0.03588	\$0.03749	\$0.05662	\$0.05497	\$0.05463	\$0.05364	\$0.03574	\$0.03529	\$0.03259
LPS	\$0.01924	\$0.01843	\$0.01843	\$0.01831	\$0.01831	\$0.01938	\$0.02053	\$0.01938	\$0.01938	\$0.01831	\$0.02024	\$0.01916

Proposed Metric	KCPL-Missouri						
	Payout rate	Payout unit	% of Target EO	KCPL 100% payout	KCPL Cap	Cap/100% Multiplier	Target @ 100%
Opower: criteria will be effective, prudent spend of budget	N/A		5.05%	\$375,000	\$375,000		
EE & Tstat MWh (Excl. Opower, DRI, & IEMF): criteria will be the cumulative of the 1st yr incremental MWh during the 3 year plan	\$8.31	\$/MWh	19.24%	\$1,429,121	\$1,857,857	130%	171,976.043
EE Coincident MW (Excl. Opower, DRI, Tstat, & IEMF): criteria will be cumulative of the 1st year MW reduction during the 3 year plan, coincident with system peak	\$114,741.01	\$/MW	52.83%	\$3,925,175	\$5,887,763	150%	34.209
Thermostat MW impact: criteria will be cumulative of the MW reduction during 3 year plan, coincident with system peak	\$91,941.81	\$/MW	15.14%	\$1,125,000	\$1,687,500	150%	12.236
DR Incentive (DRI) MW of Ramping (growth from year 1 planned to year 3 actual) (year 1 is 10 MW - KCP&L-MO and 20 MW in GMO)	\$75,000.00	\$/MW	5.05%	\$375,000	\$487,500	130%	5.000
Income Eligible Multi-Family (IEMF): criteria will be effective, prudent spend of budget	N/A		2.69%	\$200,000	\$200,000		
			100%	\$7,429,296	\$10,495,620		
Total Cap Including TD Adjustments					\$15,500,000		

Note:

DATE OF ISSUE: ~~May 946~~, 2017 6

DATE EFFECTIVE: ~~June 845~~, 2017 6

ISSUED BY: Darrin R. Ives, Vice President

1200 Main, Kansas City, MO 64105

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No.** 7 ~~Second~~**Third** Revised Sheet No. 50  
Canceling **P.S.C. MO. No.** 7 ~~First~~**Second** Revised Sheet No. 50

For Missouri Retail Service Area

**FUEL ADJUSTMENT CLAUSE – Rider FAC**  
**FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC**  
(Applicable to Service Provided ~~Effective Date of Rate Tariffs for~~ **September 529, 2015 Through**  
~~Effective Date of Rate Tariffs: FD 00140010, 0070, 0005 and Through May 07, 0017~~)

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 September 30, 2019, 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 July – December	By August 1 By February 1	October – September 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, and the costs described below associated with the Company’s hedging programs - 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.



# KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 ~~1st~~Second Revised Sheet No. 50.1  
Canceling P.S.C. MO. No. 7 1st ~~Revised~~Original Sheet No. 50.1  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided ~~September 529, 2015 Through -Effective Date of Rate Tariffs ER for~~  
~~FD 0014 0010 0070 0005 and Thereafter May 07, 2017~~)

## FORMULAS AND DEFINITIONS OF COMPONENTS

FPA =  $95\% * ((ANEC - B) * J) + T + I + P$

ANEC = Actual Net Energy Costs =  $(FC + E + PP + TC - OSSR - R)$

FC = Fuel Costs Incurred to Support Sales:  
The following costs reflected in Federal Energy Regulatory Commission ("FERC") Account Number 501:

Subaccount 501000: coal commodity and transportation, side release and freeze conditioning agents, dust mitigation agents, accessorial charges as delineated in railroad accessorial tariffs [additional crew, closing hopper railcar doors, completion of loading of a unit train and its release for movement, completion of unloading of a unit train and its release for movement, delay for removal of frozen coal, destination detention, diversion of empty unit train (including administration fee, holding charges, and out-of-route charges which may include fuel surcharge), diversion of loaded coal trains, diversion of loaded unit train fees (including administration fee, additional mileage fee or out-of-route charges which may include fuel surcharge), fuel surcharge, held in transit, hold charge, locomotive release, miscellaneous handling of coal cars, origin detention, origin re-designation, out-of-route charges (including fuel surcharge), out-of-route movement, pick-up of locomotive power, placement and pick-up of loaded or empty private coal cars on railroad supplied tracks, placement and pick-up of loaded or empty private coal cars on shipper supplied tracks, railcar storage, release of locomotive power, removal, rotation and/or addition of cars, storage charges, switching, trainset positioning, trainset storage, and weighing], unit train maintenance and leases, applicable taxes, natural gas costs, fuel quality adjustments, fuel hedging costs, fuel adjustments included in commodity and transportation costs, broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers) and margins (cash or collateral used to secure or maintain the Company's hedge position with a brokerage or exchange), oil costs for commodity, transportation, storage, taxes, fees, and fuel losses, coal and oil inventory adjustments, and insurance recoveries, subrogation recoveries and settlement proceeds for increased fuel expenses in the 501 Accounts.

Subaccount 501020: the allocation of the allowed costs in the 501000, 501300, and 501400 accounts attributed to native load;

Subaccount 501030: the allocation of the allowed costs in the 501000, 501300, and 501400 accounts attributed to off system sales;

Subaccount 501300: fuel additives and consumable costs for Air Quality Control Systems ("AQCS") operations, such as ammonia, hydrated lime, lime, limestone, powder activated carbon, sulfur, and RESPond, or other consumables which perform similar functions;

Subaccount 501400: residual costs and revenues associated with combustion product, slag and ash disposal costs and revenues including contractors, materials and other miscellaneous expenses.

The following costs reflected in FERC Account Number 518:

Subaccount 518000: nuclear fuel commodity and hedging costs;

Subaccount 518201: nuclear fuel waste disposal expense;

Subaccount 518100: nuclear fuel oil.

Issued by: Darrin R. Ives, Vice President

1200 Main, Kansas City, MO 64105

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 First ~~Original~~ ~~Revised~~ Sheet No. 50.2  
Canceling P.S.C. MO. No. 7 Original Sheet No. 50.2  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided September 29~~5~~, 2015 Through May 27, 2017 ~~Effective Date of Rate~~)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

The following costs reflected in FERC Account Number 547:

Subaccount 547000: natural gas, and oil costs for commodity, transportation, storage, taxes, fees and fuel losses, hedging costs for natural gas, oil, and natural gas used to cross-hedge purchased power or sales, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, and broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers), and margins (cash or collateral used to secure or maintain the Company's hedge position with a brokerage or exchange).

Subaccount 547020: the allocation of the allowed costs in the 547000 and 547300 accounts attributed to native load;

Subaccount 547030: the allocation of the allowed costs in the 547000 and 547300 accounts attributed to off system sales;

Subaccount 547300: fuel additives.

E = Net Emission Costs:

The following costs and revenues reflected in FERC Account Number 509:

Subaccount 509000: NO<sub>x</sub> and SO<sub>2</sub> emission allowance costs and revenue amortizations offset by revenues from the sale of NO<sub>x</sub> and SO<sub>2</sub> emission allowances including any associated hedging costs, and broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers) and margins (cash or collateral used to secure or maintain the Company's hedge position with a brokerage or exchange).

PP = Purchased Power Costs:

The following costs or revenues reflected in FERC Account Number 555:

Subaccount 555005: capacity charges for capacity purchases one year or less in duration;

Subaccount 555000: purchased power costs, energy charges from capacity purchases of any duration, insurance recoveries, and subrogation recoveries for purchased power expenses, hedging costs including broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers) and margins (cash or collateral used to secure or maintain the Company's hedge position with a brokerage or exchange), charges and credits related to the SPP Integrated Marketplace ("IM") including, energy, revenue neutrality, make whole and out of merit payments and distributions, over collected losses payments and distributions, Transmission Congestion Rights ("TCR") and Auction Revenue Rights ("ARR") settlements, virtual energy costs, revenues and related fees where the virtual energy transaction is a hedge in support of physical operations related to a generating resource or load, load/export charges, ancillary services including non-performance and distribution payments and charges and other miscellaneous SPP Integrated Market charges including uplift charges or credits;

Subaccount 555021: the allocation of the allowed costs in the 555000 account attributed to intercompany purchases for native load;

Subaccount 555030: the allocation of the allowed costs in the 555000 account attributed to purchases for off system sales;

Subaccount 555031: the allocation of the allowed costs in the 555000 account attributed to intercompany purchases for off system sales.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 First ~~Original~~ Revised Sheet No. 50.3  
Canceling P.S.C. MO. No. 7 Original Sheet No. 50.3  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided September 529, 2015 Through May 27, 0217 ~~Effective Date of Rate~~  
~~Tariffs for EP 20142016 0270 0285 and Thereafter~~)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

- TC = Transmission Costs:  
The following costs reflected in FERC Account Number 565:  
Subaccount 565000: non-SPP transmission used to serve off system sales or to make purchases for load and 7.3% of the SPP transmission service costs which includes the schedules listed below as well as any adjustments to the charges in the schedules below:  
Schedule 7 – Long Term Firm and Short Term Point to Point Transmission Service  
Schedule 8 – Non Firm Point to Point Transmission Service  
Schedule 9 – Network Integration Transmission Service  
Schedule 10 – Wholesale Distribution Service  
Schedule 11 – Base Plan Zonal Charge and Region Wide Charge  
Subaccount 565020: the allocation of the allowed costs in the 565000 account attributed to native load;  
Subaccount 565027: the allocation of the allowed costs in the 565000 account attributed to transmission demand charges;  
Subaccount 565030: the allocation of the allowed costs in account 565000 attributed to off system sales.
- OSSR = Revenues from Off-System Sales:  
The following revenues or costs reflected in FERC Account Number 447:  
Subaccount 4470~~020~~: all revenues from off-system sales. This includes charges and credits related to the SPP IM including, energy, ancillary services, revenue sufficiency (such as make whole payments and out of merit payments and distributions), revenue neutrality payments and distributions, over collected losses payments and distributions, TCR and ARR settlements, demand reductions, virtual energy costs and revenues and related fees where the virtual energy transaction is a hedge in support of physical operations related to a generating resource or load, generation/export charges, ancillary services including non-performance and distribution payments and SPP uplift revenues or credits. Off-system sales revenues from full and partial requirements sales to municipalities that are served through bilateral contracts in excess of one year shall be excluded from OSSR component;  
Subaccount 447012: capacity charges for capacity sales one year or less in duration;  
Subaccount 447030: the allocation of the includable sales in account 4470~~202~~ not attributed to retail sales.
- R = Renewable Energy Credit Revenue:  
Revenues reflected in FERC account 509000 from the sale of Renewable Energy Credits that are not needed to meet the Renewable Energy Standard.

Any cost identified above which is a Missouri-only cost shall be grossed up by the current kWh energy factor, included in the ANEC calculation and allocated as indicated in component J below. Any cost identified above which is a Kansas-only cost shall be excluded from the ANEC calculation.



**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 First Revised Sheet No. 50.5  
Canceling P.S.C. MO. No. 7                      Original Sheet No. 50.5  
For Missouri Retail Service Area

**FUEL ADJUSTMENT CLAUSE – Rider FAC**  
**FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC**  
(Applicable to Service Provided September 29, 2015 Through May 27, 2017)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

- E. Alf the Company makes the filing provided for in B above and a party challenges the inclusion, such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new schedule or charge type, a party shall make a filing with the Commission based upon that party's contention that the new schedule, charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the schedules, costs or revenues listed in Factors PP, TC or OSSR, as the case may be. A party wishing to challenge the inclusion of a schedule or charge type shall include in its filing the reasons why it believes the Company did not show that the new schedule or charge type possesses the characteristics of the costs or revenues listed in Factors TC, PP or OSSR, as the case may be, and its filing shall be made within 30 days of the Company's filing under B above. In the event of a timely challenge, the Company shall bear the burden of proof to support its decision to include a new schedule or charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P; and
  
- F. A party other than the Company may seek the inclusion of a new schedule or charge type in a FAR filing by making a filing with the Commission no less than 60 days before the Company's next FAR filing date of August 1 or February 1. Such a filing shall give the Commission notice that such party believes the new schedule or charge type should be included because it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, TC or OSSR, as the case may be. The party's filing shall identify the proposed accounts affected by such change, provide a description of the new schedule or charge type demonstrating that it possesses the characteristics of, and is of the nature of, the schedules, costs or revenues listed in factors PP, TC or OSSR as the case may be, and identify the preexisting schedule or market settlement charge type(s) which the new schedule or charge type replaces or supplements. If a party makes the filing provided for by this paragraph F and a party (including the Company) challenges the inclusion, such challenge will not delay inclusion of the new schedule or charge type in the FAR filing or delay approval of the FAR filing. To challenge the inclusion of a new schedule or charge type, the challenging party shall make a filing with the Commission based upon that party's contention that the new schedule or charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the schedules, costs or revenues listed in Factors PP, TC, or OSSR, as the case may be. The challenging party shall make its filing challenging the inclusion and stating the reasons why it believes the new schedule or charge type does not possess the characteristic of the costs or revenues listed in Factors PP, TC or OSSR, as the case may be, within 30 days of the filing that seeks inclusion of the new schedule or charge type. In the event of a timely challenge, the party seeking the inclusion of the new schedule or charge type shall bear the burden of proof to support its contention that the new schedule or charge type should be included in the Company's FAR filings. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 First ~~Original~~ Revised Sheet No. 50.6  
Canceling P.S.C. MO. No. 7 Original Sheet No. 50.6  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided September 29, 2015 Through May 27, 2017 ~~Effective Date of Rate~~  
~~From 10/15/15 to 5/27/17~~)

**FORMULAS AND DEFINITIONS OF COMPONENTS (continued)**

SPP IM charge/revenue types that are included in the FAC are listed below:

- Day Ahead Regulation Down Service Amount
- Day Ahead Regulation Down Service Distribution Amount
- Day Ahead Regulation Up Service Amount
- Day Ahead Regulation Up Service Distribution Amount
- Day Ahead Spinning Reserve Amount
- Day Ahead Spinning Reserve Distribution Amount
- Day Ahead Supplemental Reserve Amount
- Day Ahead Supplemental Reserve Distribution Amount
- Real Time Contingency Reserve Deployment Failure Amount
- Real Time Contingency Reserve Deployment Failure Distribution Amount
- Real Time Regulation Service Deployment Adjustment Amount
- Real Time Regulation Down Service Amount
- Real Time Regulation Down Service Distribution Amount
- Real Time Regulation Non-Performance
- Real Time Regulation Non-Performance Distribution
- Real Time Regulation Up Service Amount
- Real Time Regulation Up Service Distribution Amount
- Real Time Spinning Reserve Amount
- Real Time Spinning Reserve Distribution Amount
- Real Time Supplemental Reserve Amount
- Real Time Supplemental Reserve Distribution Amount
- Day Ahead Asset Energy
- Day Ahead Non-Asset Energy
- Day Ahead Virtual Energy Amount
- Real Time Asset Energy Amount
- Real Time Non-Asset Energy Amount
- Real Time Virtual Energy Amount
- Transmission Congestion Rights Funding Amount
- Transmission Congestion Rights Daily Uplift Amount
- Transmission Congestion Rights Monthly Payback Amount
- Transmission Congestion Rights Annual Payback Amount
- Transmission Congestion Rights Annual Closeout Amount
- Transmission Congestion Rights Auction Transaction Amount
- Auction Revenue Rights Funding Amount
- Auction Revenue Rights Uplift Amount
- Auction Revenue Rights Monthly Payback Amount
- Auction Revenue Annual Payback Amount
- Auction Revenue Rights Annual Closeout Amount
- Day Ahead Virtual Energy Transaction Fee Amount
- Day Ahead Demand Reduction Amount
- Day Ahead Grandfathered Agreement Carve Out Daily Amount
- Grandfathered Agreement Carve Out Distribution Daily Amount

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 First ~~Original~~ ~~Revised~~ Sheet No. 50.7  
Canceling P.S.C. MO. No. 7 Original Sheet No. 50.7  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided September 29<sup>5</sup>, 2015 Through May 27, 2017 ~~Effective Date of Rate~~)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

- SPP IM charge/revenue types that are included in the FAC (continued)
- Day Ahead Grandfathered Agreement Carve Out Monthly Amount
- Grandfathered Agreement Carve Out Distribution Monthly Amount
- Day Ahead Grandfathered Agreement Carve Out Yearly Amount
- Grandfathered Agreement Carve Out Distribution Yearly Amount
- Day Ahead Make Whole Payment Amount
- Day Ahead Make Whole Payment Distribution Amount
- Day Ahead Over Collected Losses Distribution Amount
- Miscellaneous Amount
- Reliability Unit Commitment Make Whole Payment Amount
- Real Time Out of Merit Amount
- Reliability Unit Commitment Make Whole Payment Distribution Amount
- Over Collected Losses Distribution Amount
- Real Time Joint Operating Agreement Amount
- Real Time Reserve Sharing Group Amount
- Real Time Reserve Sharing Group Distribution Amount
- Real Time Demand Reduction Amount
- Real Time Demand Reduction Distribution Amount
- 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:

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

SAP = Net system input ("NSI") in kWh for the accumulation period

BF = Company base factor costs per kWh: \$0.01186



**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 ~~First~~ ~~Original~~ ~~Revised~~ Sheet No. 50.8  
Canceling P.S.C. MO. No. 7 ~~Original~~ Sheet No. 50.8  
For Missouri Retail Service Area

**FUEL ADJUSTMENT CLAUSE – Rider FAC**  
**FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC**  
(Applicable to Service Provided September 29, 2015 Through May 27, 2017 ~~Effective Date of Rate~~)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

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 = 6.121%; KS Losses = 6.298%; Sales for Resale, Municipals Losses = 21.50%

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.

FAR = FPA/S<sub>RP</sub>

Single Accumulation Period Secondary Voltage FAR<sub>Sec</sub> = FAR \* VAF<sub>Sec</sub>  
Single Accumulation Period Primary Voltage FAR<sub>Prim</sub> = FAR \* VAF<sub>Prim</sub>

Annual Secondary Voltage FAR<sub>Sec</sub> = Aggregation of the two Single Accumulation Period Secondary Voltage FARs still to be recovered

Annual Primary Voltage FAR<sub>Prim</sub> = Aggregation of the two Single Accumulation Period Primary Voltage FARs still to be recovered

Where:

FPA = Fuel and Purchased Power Adjustment

S<sub>RP</sub> = Forecasted recovery period Missouri retail NSI in kWh, at the generator

VAF = Expansion factor by voltage level

VAF<sub>Sec</sub> = Expansion factor for lower than primary voltage customers

VAF<sub>Prim</sub> = Expansion factor for primary and higher voltage customers

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7 First ~~Original~~ ~~Revised~~ Sheet No. 50.9  
Canceling P.S.C. MO. No. 7 Original Sheet No. 50.9  
For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
(Applicable to Service Provided ~~September 29, 2015 Through May 27, 2017~~ September 29, 2015 Through May 27, 2017 ~~Effective Date of Rate~~  
~~Tariffs for EP 20142016 2270 2285 and Thereafter~~)

TRUE-UPS

After completion of each RP, the Company shall make a true-up filing by the filing date of its next FAR filing. Any true-up adjustments shall be reflected in component “T” above. Interest on the true-up adjustment will be included in component “I” above.

The true-up amount shall be the difference between the revenues billed and the revenues authorized for collection during the RP as well as any corrections identified to be included in the current FAR filing. Any corrections included will be discussed in the testimony accompanying the true-up filing.

PRUDENCE REVIEWS

Prudence reviews of the costs subject to this Rider FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider FAC shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in component “P” above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in component “I” above.

**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 July – December	By August 1 By February 1	October – September 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. 50.12

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)**

**FORMULAS AND DEFINITIONS OF COMPONENTS**

**FPA = 95% \* ((ANEC – B) \* J) + T + I + P**

**ANEC = Actual Net Energy Costs = (FC + E + PP + TC – OSSR - R)**

**FC = Fuel Costs Incurred to Support Sales:**

The following costs reflected in FERC Account Number 501:

Subaccount 501000: coal commodity and transportation, side release and freeze conditioning agents, dust mitigation agents, accessorial charges as delineated in railroad accessorial tariffs [additional crew, closing hopper railcar doors, completion of loading of a unit train and its release for movement, completion of unloading of a unit train and its release for movement, delay for removal of frozen coal, destination detention, diversion of empty unit train (including administration fee, holding charges, and out-of-route charges which may include fuel surcharge), diversion of loaded coal trains, diversion of loaded unit train fees (including administration fee, additional mileage fee or out-of-route charges which may include fuel surcharge), fuel surcharge, held in transit, hold charge, locomotive release, miscellaneous handling of coal cars, origin detention, origin re-designation, out-of-route charges (including fuel surcharge), out-of-route movement, pick-up of locomotive power, placement and pick-up of loaded or empty private coal cars on railroad supplied tracks, placement and pick-up of loaded or empty private coal cars on shipper supplied tracks, railcar storage, release of locomotive power, removal, rotation and/or addition of cars, storage charges, switching, trainset positioning, trainset storage, and weighing], unit train maintenance and— leases, applicable taxes, natural gas costs, fuel quality adjustments, fuel adjustments included in commodity and transportation costs, broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers), –oil costs for commodity, transportation, storage, taxes, fees, and fuel losses, coal and oil inventory adjustments, and insurance recoveries, subrogation recoveries and settlement proceeds for increased fuel expenses in the 501 Accounts.

Subaccount 501020: the allocation of the allowed costs in the 501000, 501300, and 501400 accounts attributed to native load;

Subaccount 501030: the allocation of the allowed costs in the 501000, 501300, and 501400 accounts attributed to off system sales;

Subaccount 501300: fuel additives and consumable costs for Air Quality Control Systems (“AQCS”) operations, such as ammonia, hydrated lime, lime, limestone, powder activated carbon, sulfur, and RESpond, or other consumables which perform similar functions;

Subaccount 501400, 501420: residual costs and revenues associated with combustion product, slag and ash disposal costs and revenues including contractors, materials and other miscellaneous expenses.

The following costs reflected in FERC Account Number 518:

Subaccount 518000: nuclear fuel commodity and hedging costs;

Subaccount 518201: nuclear fuel waste disposal expense;

Subaccount 518100: nuclear fuel oil.

Issued: May 9, 2017

Effective: June 8, 2017

Issued by: Darrin R. Ives, Vice President

1200 Main, Kansas City, MO 64105

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No. 7**

Original Sheet No. 50.13

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)**

**FORMULAS AND DEFINITIONS OF COMPONENTS (continued)**

The following costs reflected in FERC Account Number 547:

Subaccount 547000: natural gas and oil costs for commodity, transportation, storage, taxes, fees and fuel losses, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, and broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers);

Subaccount 547020: the allocation of the allowed costs in the 547000 and 547300 accounts attributed to native load;

Subaccount 547030: the allocation of the allowed costs in the 547000 and 547300 accounts attributed to off system sales;

Subaccount 547300: fuel additives.;

**E = Net Emission Costs:**

The following costs and revenues reflected in FERC Account Number 509:

Subaccount 509000: NO<sub>x</sub> and SO<sub>2</sub> emission allowance costs and revenue amortizations offset by revenues from the sale of NO<sub>x</sub> and SO<sub>2</sub> emission allowances, and broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers).

**PP = Purchased Power Costs:**

The following costs or revenues reflected in FERC Account Number 555:

Subaccount 555000: purchased power costs, energy charges from capacity purchases of any duration, insurance recoveries, and subrogation recoveries for purchased power expenses, broker commissions and fees (fees charged by an agent, or agent's company to facilitate transactions between buyers and sellers), charges and credits related to the SPP Integrated Marketplace ("IM") or other IMs including, energy, revenue neutrality, make whole and out of merit payments and distributions, over collected losses payments and distributions, Transmission Congestion Rights ("TCR") and Auction Revenue Rights ("ARR") settlements, virtual energy costs, revenues and related fees where the virtual energy transaction is a hedge in support of physical operations related to a generating resource or load, load/export charges, ancillary services including non-performance and distribution payments and charges and other miscellaneous SPP Integrated Market charges including uplift charges or credits;

Subaccount 555005: capacity charges for capacity purchases one year or less in duration;

Subaccount 555030: the allocation of the allowed costs in the 555000 account attributed to purchases for off system sales.

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**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No. 7**

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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)**

**FORMULAS AND DEFINITIONS OF COMPONENTS (continued)**

**TC = Transmission Costs:**

The following costs reflected in FERC Account Number 565:

Subaccount 565000: non-SPP transmission used to serve off system sales or to make purchases for load and 20.91% of the SPP transmission service costs which includes the schedules listed below as well as any adjustment to the charges in the schedules below:

Schedule 7 – Long Term Firm and Short Term Point to Point Transmission Service

Schedule 8 – Non Firm Point to Point Transmission Service

Schedule 9 – Network Integration Transmission Service

Schedule 10 – Wholesale Distribution Service

Schedule 11 – Base Plan Zonal Charge and Region Wide Charge

i  
Subaccount 565020: the allocation of the allowed costs in the 565000 account attributed to native load;

Subaccount 565027: the allocation of the allowed costs in the 565000 account attributed to transmission demand charges;

Subaccount 565030: the allocation of the allowed costs in account 565000 attributed to off system sales.

**OSSR = Revenues from Off-System Sales:**

The following revenues or costs reflected in FERC Account Number 447:

Subaccount 447020: all revenues from off-system sales. This includes charges and credits related to the SPP IM including, energy, ancillary services, revenue sufficiency (such as make whole payments and out of merit payments and distributions), revenue neutrality payments and distributions, over collected losses payments and distributions, TCR and ARR settlements, demand reductions, virtual energy costs and revenues and related fees where the virtual energy transaction is a hedge in support of physical operations related to a generating resource or load, generation/export charges, ancillary services including non-performance and distribution payments and SPP uplift revenues or credits. Off-system sales revenues from full and partial requirements sales to municipalities that are served through bilateral contracts in excess of one year shall be excluded from OSSR component;

Subaccount 447012: capacity charges for capacity sales one year or less in duration;

Subaccount 447030: the allocation of the includable sales in account 447020 not attributed to retail sales.

**R = Renewable Energy Credit Revenue:**

Revenues reflected in FERC account 509000 from the sale of Renewable Energy Credits that are not needed to meet the Renewable Energy Standards.

Any cost identified above which is a Missouri-only cost shall be grossed up by the current kWh energy factor, included in the ANEC calculation and allocated as indicated in component J below. Any cost identified above which is a Kansas-only cost shall be excluded from the ANEC calculation.



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**KANSAS CITY POWER AND LIGHT COMPANY**

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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)**

Costs and revenues not specifically detailed in Factors FC, PP, E, TC, OSSR, or R shall not be included in the Company's FAR filings; provided however, in the case of Factors PP, TC or OSSR, the market settlement charge types under which SPP or another centrally administered market (e.g., PJM or MISO) bills/credits a cost or revenue need not be detailed in Factors PP or OSSR for the costs or revenues to be considered specifically detailed in Factors PP or OSSR; and provided further, should the SPP or another centrally administered market (e.g. PJM or MISO) implement a new market settlement charge type not listed below or a new schedule not listed in TC:

- A. The Company may include the new schedule, charge type cost or revenue in its FAR filings if the Company believes the new schedule, charge type cost or revenue –possesses the characteristics of, and is of the nature of, the costs or revenues listed below or in the schedules listed in TC, as the case may be, subject to the requirement that the Company make a filing with the Commission as outlined in B below and also subject to another party's right to challenge the inclusion as outlined in E. below;
- B. The Company will make a filing with the Commission giving the Commission notice of the new schedule or charge type no later than 60 days prior to the Company including the new schedule, charge type cost or revenue in a FAR filing. Such filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, TC or OSSR as the case may be, and identify the preexisting schedule, or market settlement charge type(s) which the new schedule or charge type replaces or supplements;
- C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new schedule, charge type costs or revenues by amount, description and location within the monthly reports;
- D. The Company shall account for the new schedule, charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues;
- E. If the Company makes the filing provided for in B above and a party challenges the inclusion, such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new schedule or charge type, a party shall make a filing with the Commission based upon that party's contention that the new schedule, charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the schedules, costs or revenues listed in Factors PP, TC or OSSR, as the case may be. A party wishing to challenge the inclusion of a schedule or charge type shall include in its filing the reasons why it believes the Company did not show that the new schedule or charge type possesses the characteristics of the costs or revenues listed in Factors TC, PP or OSSR, as the case may be, and its filing shall be made within 30 days of the Company's filing under B above. In the event of a timely challenge, the Company shall bear the burden of proof to support its decision to include a new schedule or charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P; and

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**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No. 7**

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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)**

F. A party other than the Company may seek the inclusion of a new schedule or charge type in a FAR filing by making a filing with the Commission no less than 60 days before the Company's next FAR filing date of August 1 or February 1. Such a filing shall give the Commission notice that such party believes the new schedule or charge type should be included because it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, TC or OSSR, as the case may be. The party's filing shall identify the proposed accounts affected by such change, provide a description of the new schedule or charge type demonstrating that it possesses the characteristics of, and is of the nature of, the schedules, costs or revenues listed in factors PP, TC or OSSR as the case may be, and identify the preexisting schedule or market settlement charge type(s) which the new schedule or charge type replaces or supplements. If a party makes the filing provided for by this paragraph F and a party (including the Company) challenges the inclusion, such challenge will not delay inclusion of the new schedule or charge type in the FAR filing or delay approval of the FAR filing. To challenge the inclusion of a new schedule or charge type, the challenging party shall make a filing with the Commission based upon that party's contention that the new schedule or charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the schedules, costs or revenues listed in Factors PP, TC, or OSSR, as the case may be. The challenging party shall make its filing challenging the inclusion and stating the reasons why it believes the new schedule or charge type does not possess the characteristic of the costs or revenues listed in Factors PP, TC or OSSR, as the case may be, within 30 days of the filing that seeks inclusion of the new schedule or charge type. In the event of a timely challenge, the party seeking the inclusion of the new schedule or charge type shall bear the burden of proof to support its contention that the new schedule or charge type should be included in the Company's FAR filings. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

SPP IM charge/revenue types that are included in the FAC are listed below:

- Day Ahead Regulation Down Service Amount
- Day Ahead Regulation Down Service Distribution Amount
- Day Ahead Regulation Up Service Amount
- Day Ahead Regulation Up Service Distribution Amount
- Day Ahead Spinning Reserve Amount
- Day Ahead Spinning Reserve Distribution Amount
- Day Ahead Supplemental Reserve Amount
- Day Ahead Supplemental Reserve Distribution Amount
- Real Time Contingency Reserve Deployment Failure Amount
- Real Time Contingency Reserve Deployment Failure Distribution Amount
- Real Time Regulation Service Deployment Adjustment Amount
- Real Time Regulation Down Service Amount
- Real Time Regulation Down Service Distribution Amount
- Real Time Regulation Non-Performance
- Real Time Regulation Non-Performance Distribution
- Real Time Regulation Up Service Amount
- Real Time Regulation Up Service Distribution Amount
- Real Time Spinning Reserve Amount

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**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No. 7**

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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)**

**FORMULAS AND DEFINITIONS OF COMPONENTS (continued)**

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

Real Time Spinning Reserve Distribution Amount  
Real Time Supplemental Reserve Amount  
Real Time Supplemental Reserve Distribution Amount  
Day Ahead Asset Energy  
Day Ahead Non-Asset Energy  
Day Ahead Virtual Energy Amount  
Real Time Asset Energy Amount  
Real Time Non-Asset Energy Amount  
Real Time Virtual Energy Amount  
Transmission Congestion Rights Funding Amount  
Transmission Congestion Rights Daily Uplift Amount  
Transmission Congestion Rights Monthly Payback Amount  
Transmission Congestion Rights Annual Payback Amount  
Transmission Congestion Rights Annual Closeout Amount  
Transmission Congestion Rights Auction Transaction Amount  
Auction Revenue Rights Funding Amount  
Auction Revenue Rights Uplift Amount  
Auction Revenue Rights Monthly Payback Amount  
Auction Revenue Annual Payback Amount  
Auction Revenue Rights Annual Closeout Amount  
Day Ahead Virtual Energy Transaction Fee Amount  
Day Ahead Demand Reduction Amount  
Day Ahead Demand Reduction Distribution Amount  
Day Ahead Grandfathered Agreement Carve Out Daily Amount  
Grandfathered Agreement Carve Out Distribution Daily Amount  
Day Ahead Grandfathered Agreement Carve Out Monthly Amount  
Grandfathered Agreement Carve Out Distribution Monthly Amount  
Day Ahead Grandfathered Agreement Carve Out Yearly Amount  
Grandfathered Agreement Carve Out Distribution Yearly Amount  
Day Ahead Make Whole Payment Amount  
Day Ahead Make Whole Payment Distribution Amount  
Miscellaneous Amount  
Reliability Unit Commitment Make Whole Payment Amount  
Real Time Out of Merit Amount  
Reliability Unit Commitment Make Whole Payment Distribution Amount  
Over Collected Losses Distribution Amount  
Real Time Joint Operating Agreement Amount  
Real Time Reserve Sharing Group Amount  
Real Time Reserve Sharing Group Distribution Amount  
Real Time Demand Reduction Amount  
Real Time Demand Reduction Distribution Amount

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**KANSAS CITY POWER AND LIGHT COMPANY**

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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. 50.19**

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**FUEL ADJUSTMENT CLAUSE – Rider FAC  
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC  
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**FORMULAS AND DEFINITIONS OF COMPONENTS (continued)**

**FAR = FPA/S<sub>RP</sub>**

**Single Accumulation Period Transmission/Substation Voltage FAR<sub>Trans/Sub</sub> = FAR \* VAF<sub>Trans/Sub</sub>**

**Single Accumulation Period Primary Voltage FAR<sub>Prim</sub> = FAR \* VAF<sub>Prim</sub>**

**Single Accumulation Period Secondary Voltage FAR<sub>Sec</sub> = FAR \* VAF<sub>Sec</sub>**

**Annual Primary Voltage FAR<sub>Trans/Sub</sub> = Aggregation of the two Single Accumulation Period Transmission/Substation Voltage FARs still to be recovered**

**Annual Primary Voltage FAR<sub>Prim</sub> = Aggregation of the two Single Accumulation Period Primary Voltage FARs still to be recovered**

**Annual Secondary Voltage FAR<sub>Sec</sub> = Aggregation of the two Single Accumulation Period Secondary Voltage FARs still to be recovered**

**Where:**

**FPA = Fuel and Purchased Power Adjustment**

**S<sub>RP</sub> = Forecasted recovery period Missouri retail NSI in kWh, at the generation level**

**VAF = Expansion factor by voltage level**

**VAF<sub>Trans/Sub</sub> = Expansion factor for transmission/substation and higher voltage level customers**

**VAF<sub>Prim</sub> = Expansion factor for between primary and trans/sub voltage level customers**

**VAF<sub>Sec</sub> = Expansion factor for lower than primary voltage customers**

**TRUE-UPS**

**After completion of each RP, the Company shall make a true-up filing by the filing date of its next FAR filing. Any true-up adjustments shall be reflected in component “T” above. Interest on the true-up adjustment will be included in component “I” above.**

**The true-up amount shall be the difference between the revenues billed and the revenues authorized for collection during the RP as well as any corrections identified to be included in the current FAR filing. Any corrections included will be discussed in the testimony accompanying the true-up filing.**

**PRUDENCE REVIEWS**

**Prudence reviews of the costs subject to this Rider FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider FAC shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in component “P” above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in component “I” above.**





**KANSAS CITY POWER AND LIGHT COMPANY**

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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		