

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Fifteenth Revised Sheet No. TOC-1
 Canceling P.S.C. MO. No. 7 Fourteenth 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 Ninth Revised Sheet No. 5A
 Canceling P.S.C. MO. No. 7 Eighth Revised Sheet No. 5A
 For Missouri Retail Service Area

RESIDENTIAL SERVICE
Schedule R
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)	\$13.18	
	<u>Summer</u>	<u>Winter</u>
	<u>Season</u>	<u>Season</u>
Energy Charge (Per kWh)		
First 600 kWh per month	\$0.14781	\$0.13289
Next 400 kWh per month	\$0.14781	\$0.07966
Over 1000 kWh per month	\$0.14781	\$0.06658

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)	\$13.18	
	<u>Summer</u>	<u>Winter</u>
	<u>Season</u>	<u>Season</u>
Energy Charge (Per kWh)		
First 600 kWh per month	\$0.14781	\$0.10388
Next 400 kWh per month	\$0.14781	\$0.10388
Over 1000 kWh per month	\$0.14781	\$0.06529

KANSAS CITY POWER AND LIGHT COMPANY

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

RESIDENTIAL SERVICE Schedule R

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)	\$15.68	
	<u>Summer Season</u>	<u>Winter Season</u>
Energy Charge (Per kWh):		
First 600 kWh per month	\$0.14781	\$0.13289
Next 400 kWh per month	\$0.14781	\$0.07966
Over 1000 kWh per month	\$0.14781	\$0.06658
Separately metered space heat rate:		
All kWh (Per kWh)	\$0.14781	\$0.06680

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 Fifth Revised Sheet No. 6
Canceling P.S.C. MO. No. 7 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

Customer Charge	\$13.18 per month	
	<u>Summer</u>	<u>Winter</u>
Energy Charge		
All Energy	\$0.19198 per kWh	\$0.14917 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.

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 8
Canceling P.S.C. MO. No. 7 Eighth 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:
 \$17.07 per customer per month.

- B. Energy Charge:
 - Summer Season:
 - On-Peak Hours
 \$0.22668 per kWh for all kWh per month.

 - Off-Peak Hours
 \$0.12629 per kWh for all kWh per month.

 - Winter Season:
 \$0.09335 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) \$17.07 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.

TAX ADJUSTMENT

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

REGULATIONS

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

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 9A
Canceling **P.S.C. MO. No.** 7 Eighth 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	\$20.37
25-199 kW	\$56.47
200-999 kW	\$114.73
1000 kW or above	\$979.62

Unmetered Service: \$8.55

ADDITIONAL METER CHARGE (FROZEN):
Separately metered space heat: \$2.63

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month	
First 25 kW	\$0.000
All kW over 25 kW	\$3.282

C. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.18210 per kWh	\$0.14155 per kWh
Next 180 Hours Use per month:	\$0.08647 per kWh	\$0.06918 per kWh
Over 360 Hours Use per month:	\$0.07694 per kWh	\$0.06233 per kWh

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:

\$0.07566 per kWh per month.

(ii) Applicable during the Summer Season:

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

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 9B
Canceling P.S.C. MO. No. 7 Eighth 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	\$20.37
25-199 kW	\$56.47
200-999 kW	\$114.73
1000 kW or above	\$979.62

Unmetered Service: \$8.55

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 26 kW	\$0.000
All kW over 26 kW	\$3.205

C. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.17794 per kWh	\$0.13833 per kWh
Next 180 Hours Use per month:	\$0.08430 per kWh	\$0.06760 per kWh
Over 360 Hours Use per month:	\$0.07509 per kWh	\$0.06081 per kWh

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	\$59.01
25-199 kW	\$59.01
200-999 kW	\$119.85
1000 kW or above	\$1,023.37

ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat: \$2.75

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.430

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$4.486	\$2.282

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.11753 per kWh	\$0.10159 per kWh
Next 180 Hours Use per month:	\$0.08048 per kWh	\$0.06091 per kWh
Over 360 Hours Use per month:	\$0.06764 per kWh	\$0.05086 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:

\$0.06625 per kWh per month.

(ii) Applicable during the Summer Season:

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

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 10B
Canceling P.S.C. MO. No. 7 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	\$59.01
25-199 kW	\$59.01
200-999 kW	\$119.85
1000 kW or above	\$1,023.37

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$2.842

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$4.382	\$2.228

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.11472 per kWh	\$0.09922 per kWh
Next 180 Hours Use per month:	\$0.07867 per kWh	\$0.05952 per kWh
Over 360 Hours Use per month:	\$0.06630 per kWh	\$0.05008 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 10C
Canceling P.S.C. MO. No. 7 Eighth Revised Sheet No. 10C

For Missouri Retail Service Area

Medium General Service Schedule MGS
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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 \$0.860 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 Ninth Revised Sheet No. 11A
Canceling **P.S.C. MO. No.** 7 Eighth 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	\$126.85
25-199 kW	\$126.85
200-999 kW	\$126.85
1000 kW or above	\$1,083.02

ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat: \$2.91

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.629

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$7.246	\$3.899

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.10669 per kWh	\$0.09807 per kWh
Next 180 Hours Use per month:	\$0.07363 per kWh	\$0.05666 per kWh
Over 360 Hours Use per month:	\$0.04736 per kWh	\$0.03981 per 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:

\$0.06579 per kWh per month.

- (ii) Applicable during the Summer Season:

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

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 11B
Canceling P.S.C. MO. No. 7 Eighth 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	\$126.85
25-199 kW	\$126.85
200-999 kW	\$126.85
1000 kW or above	\$1,083.02

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.009

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$7.082	\$3.811

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.10431 per kWh	\$0.09584 per kWh
Next 180 Hours Use per month:	\$0.07188 per kWh	\$0.05531 per kWh
Over 360 Hours Use per month:	\$0.04614 per kWh	\$0.03904 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 11C
Canceling P.S.C. MO. No. 7 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 \$0.911 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 Ninth Revised Sheet No. 14A
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 For Missouri Retail Service Area

Large Power Service Schedule LPS

RATE FOR SERVICE AT SECONDARY VOLTAGE, 1PGSE, 1PGSH

- A. CUSTOMER CHARGE (per month): \$1,226.93

- B. FACILITIES CHARGE:
 Per kW of Facilities Demand per month \$4.109

- C. DEMAND CHARGE:
 Per kW of Billing Demand per month

	<u>Summer Season</u>	<u>Winter Season</u>
First 2443 kW	\$15.942	\$10.837
Next 2443 kW	\$12.752	\$8.455
Next 2443 kW	\$10.682	\$7.459
All kW over 7329 kW	\$7.798	\$5.743

- D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.10008 per kWh	\$0.08489 per kWh
Next 180 Hours Use per month:	\$0.05958 per kWh	\$0.05424 per kWh
Over 360 Hours Use per month:	\$0.02865 per kWh	\$0.02837 per kWh

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

- A. CUSTOMER CHARGE (per month): \$1,226.93

- B. FACILITIES CHARGE:
 Per kW of Facilities Demand per month \$3.406

- C. DEMAND CHARGE:
 Per kW of Billing Demand per month

	<u>Summer Season</u>	<u>Winter Season</u>
First 2500 kW	\$15.576	\$10.587
Next 2500 kW	\$12.461	\$8.263
Next 2500 kW	\$10.437	\$7.289
All kW over 7500 kW	\$7.620	\$5.613

- D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.09780 per kWh	\$0.08296 per kWh
Next 180 Hours Use per month:	\$0.05825 per kWh	\$0.05299 per kWh
Over 360 Hours Use per month:	\$0.02798 per kWh	\$0.02773 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 14B
 Canceling P.S.C. MO. No. 7 Eighth 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):		\$1,226.93
B. FACILITIES CHARGE:		
Per kW of Facilities Demand per month		\$1.028
C. DEMAND CHARGE:		
Per kW of Billing Demand per month		
	<u>Summer Season</u>	<u>Winter Season</u>
First 2530 kW	\$15.389	\$10.463
Next 2530 kW	\$12.311	\$8.166
Next 2530 kW	\$10.313	\$7.204
All kW over 7590 kW	\$7.530	\$5.546
D. ENERGY CHARGE:		
	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.09667 per kWh	\$0.08201 per kWh
Next 180 Hours Use per month:	\$0.05757 per kWh	\$0.05237 per kWh
Over 360 Hours Use per month:	\$0.02760 per kWh	\$0.02735 per kWh

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

A. CUSTOMER CHARGE (per month):		\$1,226.93
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	\$ 15.257	\$10.368
Next 2553 kW	\$ 12.202	\$8.093
Next 2553 kW	\$ 10.219	\$7.140
All kW over 7659 kW	\$ 7.463	\$5.496
D. ENERGY CHARGE:		
	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.09581 per kWh	\$0.08125 per kWh
Next 180 Hours Use per month:	\$0.05705 per kWh	\$0.05191 per kWh
Over 360 Hours Use per month:	\$0.02737 per kWh	\$0.02709 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 14C
Canceling P.S.C. MO. No. 7 Eighth Revised Sheet No. 14C
For Missouri Retail Service Area

Large Power Service Schedule LPS

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 \$1.031 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	\$20.37
25-199 kW	\$56.47
200-999 kW	\$114.73
1000 kW or above	\$979.562

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 25 kW	\$0.000
All kW over 25 kW	\$3.282

C. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.18210 per kWh	\$0.12967 per kWh
Next 180 Hours Use per month:	\$0.08647 per kWh	\$0.06898 per kWh
Over 360 Hours Use per month:	\$0.07694 per kWh	\$0.06226 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	\$20.37
25-199 kW	\$56.47
200-999 kW	\$114.73
1000 kW or above	\$979.62

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 26 kW	\$0.000
All kW over 26 kW	\$3.205

C. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.17794 per kWh	\$0.12672 per kWh
Next 180 Hours Use per month:	\$0.08430 per kWh	\$0.06740 per kWh
Over 360 Hours Use per month:	\$0.07509 per kWh	\$0.06081 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 18A
Canceling **P.S.C. MO. No.** 7 Eighth 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	\$59.01
25-199 kW	\$59.01
200-999 kW	\$119.85
1000 kW or above	\$1,023.37

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.430

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$4.486	\$3.232

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.11753 per kWh	\$0.08917 per kWh
Next 180 Hours Use per month:	\$0.08048 per kWh	\$0.05099 per kWh
Over 360 Hours Use per month:	\$0.06764 per kWh	\$0.04416 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 18B
Canceling P.S.C. MO. No. 7 Eighth 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	\$59.01
25-199 kW	\$59.01
200-999 kW	\$119.85
1000 kW or above	\$1,023.37

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$2.842

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$4.382	\$3.162

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.11472 per kWh	\$0.08717 per kWh
Next 180 Hours Use per month:	\$0.07867 per kWh	\$0.04973 per kWh
Over 360 Hours Use per month:	\$0.06630 per kWh	\$0.04333 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 18C
Canceling P.S.C. MO. No. 7 Eighth 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 \$0.860 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 Ninth Revised Sheet No. 19A
Canceling **P.S.C. MO. No.** 7 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	\$126.85
25-199 kW	\$126.85
200-999 kW	\$126.85
1000 kW or above	\$1,083.02

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.629

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$7.246	\$3.611

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.10669 per kWh	\$0.09431 per kWh
Next 180 Hours Use per month:	\$0.07363 per kWh	\$0.05072 per kWh
Over 360 Hours Use per month:	\$0.04736 per kWh	\$0.03949 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 19B
Canceling P.S.C. MO. No. 7 Eighth 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	\$126.85
25-199 kW	\$126.85
200-999 kW	\$126.85
1000 kW or above	\$1,083.02

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$3.009

C. DEMAND CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
Per kW of Billing Demand per month	\$7.082	\$3.526

D. ENERGY CHARGE:

	<u>Summer Season</u>	<u>Winter Season</u>
First 180 Hours Use per month:	\$0.10431 per kWh	\$0.09233 per kWh
Next 180 Hours Use per month:	\$0.07188 per kWh	\$0.04961 per kWh
Over 360 Hours Use per month:	\$0.04614 per kWh	\$0.03874 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 19C
Canceling P.S.C. MO. No. 7 Eighth 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 \$0.911 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 Ninth Revised Sheet No. 20C
 Canceling P.S.C. MO. No. 7 Eighth 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	\$0.06038	\$0.05210	\$0.15593	\$0.06692
MGS, MGA	\$0.05242	\$0.04213	\$0.14088	\$0.05583
LGS, LGA	\$0.05018	\$0.04047	\$0.13633	\$0.05338
LPS	\$0.04397	\$0.03694	\$0.12782	\$0.04748
<u>Primary</u>				
SGS, SGA	\$0.05857	\$0.05056	\$0.14395	\$0.06323
MGS, MGA	\$0.05084	\$0.04088	\$0.13004	\$0.05277
LGS, LGA	\$0.04870	\$0.03927	\$0.12585	\$0.05044
LPS	\$0.04265	\$0.03587	\$0.11797	\$0.04488
<u>Substation</u>				
LPS	\$0.04213	\$0.03537	\$0.11043	\$0.04428
<u>Transmission</u>				
LPS	\$0.04186	\$0.03513	\$0.11004	\$0.04400

Prices are shown in \$ per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Fourth Revised Sheet No. 20D
Canceling P.S.C. MO. No. 7 Third 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 \$37.16 per month (\$12.39 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 month contract period is complete.

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Second Original Sheet No. 24
 Revised
Cancelling P.S.C. MO. No. 7 First Original Sheet No. 24
 Revised
For Missouri Retail Service Area

PUBLIC ELECTRIC VEHICLE CHARGING STATION SERVICE Schedule CCN

PURPOSE:

The Company owns electric vehicle (EV) charging stations throughout its Missouri service territory that are available to the public for purpose of charging an EV and may be used by any EV owner who resides either within or outside the Company's Missouri service territory.

AVAILABILITY:

This rate schedule applies to all energy provided to charge EVs at the Company's public EV charging stations. EV charging service will be available at the Company-owned EV charging stations installed at Company and Host locations. The EV charging stations are accessed by using a card provided to users with an established account from the Company's third party vendor.

HOST PARTICIPATION:

EV charging stations are located at Company and Host sites. A Host is an entity within the Company's Missouri service territory that applies for and agrees to locate one or more Company EV charging stations upon their premise(s). Host applications will be evaluated for acceptance based on each individual site and application. If a Host's application is approved, the Host must execute an agreement with the Company covering the terms and provisions applicable to the EV charging station(s) upon their premise(s). No Host shall receive any compensation for locating an EV charging station upon their premise(s).

The maximum number of EV charging stations identified by the Company for its Missouri service territory under this Schedule CCN is 400. The Company may not exceed 400 EV charging stations under this tariff without approval of the Commission.

PROGRAM ADMINISTRATION:

Charges under this Schedule CCN will be administered and billed through either the Company's third party vendor on behalf of the Company, or directly by the Company depending on the Billing Option chosen by the Host.

BILLING OPTIONS:

The charges applicable to an EV charging station session shall include an Energy Charge for each kilowatt-hour (kWh) provided to charge an EV, plus any applicable riders, surcharges, taxes and fees, and an optional Session Charge dependent on the Billing Option chosen by the Host.

DATE OF ISSUE: July 1, 2016 DATE EFFECTIVE: July 31, 2016
ISSUED BY: Darrin R. Ives, Vice President 1200 Main, Kansas City, MO 64105

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Twelfth Original Sheet No. 24A

Revised

Cancelling P.S.C. MO. No. 7 Eleventh Original Sheet No. 24A

Revised

For Missouri Retail Service Area

PUBLIC ELECTRIC VEHICLE CHARGING STATION SERVICE Schedule CCN (Continued)

A Host may choose between one of two Billing Options for all EV charging stations located upon their premises. The Host's agreement with the Company will identify the chosen Billing Option applicable to the EV charging stations located on its premise. The EV charging station screen and third party vendor's customer web portal will identify the applicable Energy and Session Charges that will be the responsibility of the user at each EV charging station location.

Option 1: The Host pays the kilowatt-hour (kWh) Energy Charge plus any applicable riders, surcharges, taxes and fees, and, if applicable, the EV charging station user pays the Session Charge.

Option 2: The EV charging station user pays the kilowatt-hour (kWh) Energy Charge plus any applicable riders, surcharges, taxes and fees, and, if applicable, the Session Charge.

RATES FOR SERVICE:

The EV charging station screen and third party vendor's customer web portal will identify both the: (1) per kWh rate as equal to the Energy Charge (below) plus all applicable riders, surcharges, taxes and fees; and (2) any Session Charge rate(s) applicable to that charging station.

A. Energy Charge

Per kWh as measured by the EV charging station meter or Company billing meter:

Level 2 EV Charging Station Energy Charge (Per kWh): \$0.12413

Level 3 EV Charging Station Energy Charge (Per kWh): \$0.13243

B. Session Charge (Optional)

EV Charging Station Session Charge (Per hour): \$0.00 - \$6.00

A Session shall be defined as the period of time an EV is connected to the EV charging station. The Session Charge is an option that can be implemented at the discretion of the Host and Company to promote improved utilization of the EV charging station(s) located upon their premise.

DATE OF ISSUE: July 1, 2016
ISSUED BY: Darrin R. Ives, Vice President

DATE EFFECTIVE: July 31, 2016
1200 Main, Kansas City, MO 64105

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Second Original Sheet No. 24B
 Revised
Cancelling P.S.C. MO. No. 7 First Original Sheet No. 24B
 Revised
For Missouri Retail Service Area

PUBLIC ELECTRIC VEHICLE CHARGING STATION SERVICE Schedule CCN (Continued)

The optional Session Charge will be configured within the following guidelines as either Charge-Based or Time-Based at the discretion of the Host.

- (i) Charge-Based – A charge-based Session Charge would start when the EV has stopped charging (but is still connected to the EV charging station) plus a defined grace period. The grace period allows the user time to end the Charge Session and move the EV.
- (ii) Time- Based – A time-based Session Charge would start at either the time of initial plug-in of the EV or a predefined time in an active Charge Session (e.g., two hours after initial plug-in) at the Host's discretion and may increase to a higher rate at a subsequent predefined time in an active Charge Session (e.g., four hours after initial plug-in).

Session Charges for fractional hours will be prorated. The Session Charge rate may not exceed \$6.00 per hour.

BILLING:

All users of the Company's public EV charging stations must have an account with the Company's third party vendor. Information on opening an account can be found on the Company's website at <http://kcpl.chargepoint.com/>.

All charges applicable to any user of an EV charging station under Billing Option 1 or 2 will be billed directly through the Company's third party vendor. All charges applicable to the Host under Billing Option 1 will be billed directly through the Company.

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.

DATE OF ISSUE: July 1, 2016 DATE EFFECTIVE: July 31, 2016
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 Eighth Revised Sheet No. 28B
Canceling P.S.C. MO. No. 7 Seventh 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_{hr} = Adjusted RTP-Plus prices each hour, with adjustments as described below in the section on Prices; and

QFkWh_{hr} = 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.	\$ 0.03517 per kWh
2:00 p.m. - 6:00 p.m.	\$ 0.08592 per kWh
6:00 p.m. - 7:00 p.m.	\$ 0.03517 per kWh

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 30
Canceling P.S.C. MO. No. 7 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: \$17.043 per month per kW of demand.

Energy Charge: \$ 0.21107 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 Second Revised Sheet No. 43Z.1
Canceling P.S.C. MO. No. 7 First Revised Sheet No. 43Z.1
For Missouri Retail Service Area

ECONOMIC RELIEF PILOT PROGRAM Schedule ERPP
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AVAILABILITY

Service under this rate schedule shall be available to up to 1,500 participants in the Company's service area 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 & 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)	\$13.18
Energy Charge (Per kWh)	<u>Summer Season</u>
On-Peak Hours kWh per month	\$0.46010
Off-Peak Hours kWh per month	\$0.07672
Energy Charge (Per kWh)	<u>Winter Season</u>
First 600 kWh per month	\$0.12054
Next 400 kWh per month	\$0.07229
Over 1000 kWh per month	\$0.06041

DATE OF ISSUE: July 1, 2016 DATE EFFECTIVE: July 31, 2016
ISSUED BY: Darrin R. Ives, Vice President 1200 Main, Kansas City, MO 64105

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 SGTOU**

(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)	\$13.18
	<u>Summer Season</u>
Energy Charge (Per kWh)	
On-Peak Hours kWh per month	\$0.46010
Off-Peak Hours kWh per month	\$0.07672
	<u>Winter Season</u>
Energy Charge (Per kWh)	
First 1000 kWh per month	\$0.08975
Over 1000 kWh per month	\$0.05923

MINIMUM:

Minimum Monthly Bill:

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

DATE OF ISSUE: July 1, 2016
ISSUED BY: Darrin R. Ives, Vice President

DATE EFFECTIVE: July 31, 2016
1200 Main, Kansas City, MO 64105

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Third Revised Sheet No. 50
Canceling P.S.C. MO. No. 7 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 September 29, 2015 Through Effective Date of Rate Tariffs ER-2016-0285)

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.

Accumulation Periods

January – June
July – December

Filing Dates

By August 1
By February 1

Recovery Periods

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 (“S_{RP}”) 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 Second Revised Sheet No. 50.1
Canceling P.S.C. MO. No. 7 1st Revised 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 29, 2015 Through Effective Date of Rate Tariffs ER-2016-0285)

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.

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 First **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, 2015 Through Effective Date of Rate Tariffs ER-2016-0285)

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_x and SO₂ emission allowance costs and revenue amortizations offset by revenues from the sale of NO_x and SO₂ 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 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 29, 2015 Through Effective Date of Rate Tariffs ER-2016-0285)

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 447002: 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 447002 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. 50.4
Canceling P.S.C. MO. No. 7 Original Sheet No. 50.4

For Missouri Retail Service Area

FUEL ADJUSTMENT CLAUSE – Rider FAC
FUEL AND PURCHASE POWER ADJUSTMENT ELECTRIC
(Applicable to Service Provided September 29, 2015 Through Effective Date of Rate Tariffs ER-2016-0285)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

Hedging costs are defined as realized losses and costs (including broker commissions, fees, and margins) minus realized gains associated with mitigating volatility in the Company's cost of fuel, fuel additives, fuel transportation, emission allowances, transmission and power purchases or sales, including but not limited to, the Company's use of derivatives whether over-the counter or exchange traded including, without limitation, futures or forward contracts, puts, calls, caps, floors, collars, swaps, TCRs, virtual energy transactions, or similar instruments.

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;

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 Effective Date of Rate Tariffs for ER-2016-0285)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

- A. 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
- 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 **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 Effective Date of Rate Tariffs ER-2016-0285)

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 **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, 2015 Through Effective Date of Rate Tariffs ER-2016-0285)

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:

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

S_{AP} = 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 **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 Effective Date of Rate Tariffs ER-2016-0285)

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_{RP}

Single Accumulation Period Secondary Voltage $FAR_{Sec} = FAR * VAF_{Sec}$
Single Accumulation Period Primary Voltage $FAR_{Prim} = FAR * VAF_{Prim}$

Annual Secondary Voltage $FAR_{Sec} =$ Aggregation of the two Single Accumulation Period Secondary Voltage FARs still to be recovered

Annual Primary Voltage $FAR_{Prim} =$ Aggregation of the two Single Accumulation Period Primary Voltage FARs still to be recovered

Where:

FPA = Fuel and Purchased Power Adjustment

S_{RP} = Forecasted recovery period Missouri retail NSI in kWh, at the generator

VAF = Expansion factor by voltage level

VAF_{Sec} = Expansion factor for lower than primary voltage customers

VAF_{Prim} = Expansion factor for primary and higher voltage customers

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 Effective Date of Rate Tariffs for ER-2016-0285 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, leases, taxes and depreciation, 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 commodity transportation, storage, taxes, fees, and fuel losses, 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, sodium bicarbonate, trona, 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.

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Original Sheet No. 50.19
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 Effective Date of Rate Tariffs for ER-2016-0285 and Thereafter)

FORMULAS AND DEFINITIONS OF COMPONENTS (continued)

- S_{AP} = Net system input (“NSI”) in kWh for the accumulation period
- BF = Company base factor costs per kWh: \$0.01987
- 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.
- FAR = FPA/S_{RP}
- Single Accumulation Period Transmission/Substation Voltage $FAR_{Trans/Sub}$ = $FAR * VAF_{Trans/Sub}$
Single Accumulation Period Primary Voltage FAR_{Prim} = $FAR * VAF_{Prim}$
Single Accumulation Period Secondary Voltage FAR_{Sec} = $FAR * VAF_{Sec}$
- Annual Primary Voltage $FAR_{Trans/Sub}$ = Aggregation of the two Single Accumulation Period Transmission/Substation Voltage FARs still to be recovered
Annual Primary Voltage FAR_{Prim} = Aggregation of the two Single Accumulation Period Primary Voltage FARs still to be recovered
Annual Secondary Voltage FAR_{Sec} = Aggregation of the two Single Accumulation Period Secondary Voltage FARs still to be recovered

Where:

- FPA = Fuel and Purchased Power Adjustment
- S_{RP} = Forecasted recovery period Missouri retail NSI in kWh, at the generator
- VAF = Expansion factor by voltage level
 $VAF_{Trans/Sub}$ = Expansion factor for transmission/substation and higher voltage level customers
 VAF_{Prim} = Expansion factor for between primary and trans/sub voltage level customers
 VAF_{Sec} = Expansion factor for lower than primary voltage customers

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Original Sheet No. 50.20
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 Effective Date of Rate Tariffs for ER-2016-0285 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
 Canceling P.S.C. MO. No. _____

Original Sheet No. 50.21
 Sheet No. _____

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 ER-2016-0285 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)	-	\$311,624,361
	2.1 Base Factor (BF)		\$0.01987
	2.2 Accumulation Period NSI (S _{AP})		15,684,797,000
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 _{RP})	÷	0
13	Current Period Fuel Adjustment Rate (FAR)	=	\$0.00000
14	Current Period FAR _{Trans/Sub} = FAR x VAF _{Trans/Sub}		\$0.00000
15	Prior Period FAR _{Trans/Sub}	+	\$0.00000
16	Current Annual FAR _{Trans/Sub}		\$0.00000
17	Current Period FAR _{Prim} = FAR x VAF _{Prim}		\$0.00000
18	Prior Period FAR _{Prim}	+	\$0.00000
19	Current Annual FAR _{Prim}		\$0.00000
20	Current Period FAR _{Sec} = FAR x VAF _{Sec}		\$0.00000
21	Prior Period FAR _{Sec}		\$0.00000
22	Current Annual FAR _{Sec}	+	\$0.00000
23	VAF _{Trans/Sub} = 1.0195		
24	VAF _{Prim} = 1.0452		
25	VAF _{Sec} = 1.0707		