

# Exhibit No. 501

**KCP&L GREATER MISSOURI OPERATIONS COMPANY**P.S.C. MO. No. 1 1st Revised Sheet No. 149Canceling P.S.C. MO. No. 1 Original Sheet No. 149

For Missouri Retail Service Area

LARGE POWER SERVICE  
ELECTRIC**AVAILABILITY**

This schedule is available for all general service use, such as combined lighting and power service to any customer who shall contract for a minimum capacity of five-hundred (500) kilowatts (kW) for a period of twelve consecutive months.

Service is available under this schedule to the following types of customers based on voltage level:

- |                                 |   |
|---------------------------------|---|
| Secondary voltage customer -    | Receives service on the low side of the line transformer.   |
| Primary voltage customer -      | Receives service at Primary Voltage of 2,400 volts or over but not exceeding 69,000 volts. Normally, the customer will own all equipment necessary for transformation including the line transformer. |
| Substation voltage customer -   | Service is taken directly out of a distribution substation at primary voltage. Normally, the customer will own the feeder circuits out of this substation.  |
| Transmission voltage customer - | The customer owns, leases, or otherwise bears financial responsibility for the distribution substation. Normally, service is taken off of the Company's transmission system.                          |

This rate is not available for standby, breakdown, supplementary, maintenance or resale service except as noted below.

The restriction against "submetering" and "reselling" found in the Company's Rules and Regulations 3.02 (A) and (B) shall not apply where a vacated single tenant premise to which the Company provided service through a single meter for a minimum of five contiguous years has been repurposed as a multi-tenant premise that provides an economic benefit to the immediate area by creating or retaining jobs and avoiding or alleviating economic blight in the immediate area.

Charges to the tenants for electric utility service with respect to any given period shall not exceed the amount of the Company's billing to the customer for that period.

Tenants of such repurposed premise are not customers of the Company and as such are not subject to the Company's tariff. The landlord/property manager shall retain a copy of all individual tenant billings for a period of five years and provide such billing information within ten (10) days to the Company and/or the Missouri Public Service Commission upon request.

**CHARACTER OF SERVICE**

Single-phase, 60 Hertz, nominally 120/240 volt firm electric service, provided from the Company's secondary distribution system. Three-phase secondary service shall be available where three-phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three-phase primary distribution service shall be available where primary distribution facilities are available without additional construction or may be made available at additional charge at 2,400, 12,470, or 24,900 nominal volts. Primary service may be served from Company's 69,000 volt or 34,500 volt systems, at Company's option, through Company owned transformation. The customer may request contractual service from the 69,000 volt or 34,500 volt systems, if such systems are available at the customer's point of delivery without additional construction, and the customer provides transformer.

FILED  
Missouri Public  
Service Commission  
ER-2018-0148; YE-2019-0085

Issued: November 6, 2018  
Issued by: Darrin R. Ives, Vice President

Effective: December 6, 2018  
1200 Main, Kansas City, MO 64105

## KCP&amp;L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 1st Revised Sheet No. 149.1  
 Canceling P.S.C. MO. No. 1                      Original Sheet No. 149.1  
 For Missouri Retail Service Area

LARGE POWER SERVICE ELECTRIC
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A. MONTHLY RATE FOR: SERVICE AT SECONDARY VOLTAGE, MOPGS, WITH NET METERING, MOPNS

a. CUSTOMER CHARGE:	\$659.84	
b. FACILITIES CHARGE:		
Per kW of Facilities Demand		
All kW	\$3.148	
c. DEMAND CHARGE:		
Per kW of Demand	<u>Summer Season</u>	<u>Winter Season</u>
Base Billing Demand	\$10.539	\$5.488
Seasonal Billing Demand	\$10.539	\$0.000
d. BASE ENERGY CHARGE:		
First 180 Hours Use	<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use	\$0.05359 per kWh	\$0.05002 per kWh
Over 360 Hours Use	\$0.04219 per kWh	\$0.03936 per kWh
	\$0.03699 per kWh	\$0.03451 per kWh
e. SEASONAL ENERGY CHARGE:		
First 180 Hours Use	<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use	\$0.05359 per kWh	\$0.03139 per kWh
Over 360 Hours Use	\$0.04219 per kWh	\$0.03139 per kWh
	\$0.03699 per kWh	\$0.03139 per kWh
f. REACTIVE DEMAND ADJUSTMENT:	\$0.420 per kVar	

## KCP&amp;L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 1st Revised Sheet No. 149.2  
 Canceling P.S.C. MO. No. 1 Original Sheet No. 149.2  
 For Missouri Retail Service Area

LARGE POWER SERVICE ELECTRIC
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A. MONTHLY RATE FOR: SERVICE AT PRIMARY VOLTAGE, MOPGP, WITH NET METERING, MOPNP

a. CUSTOMER CHARGE:	\$659.84	
b. FACILITIES CHARGE:		
Per kW of Facilities Demand		
All kW	\$2.750	
c. DEMAND CHARGE:		
Per kW of Demand	<u>Summer Season</u>	<u>Winter Season</u>
Base Billing Demand	\$10.227	\$5.325
Seasonal Billing Demand	\$10.227	\$0.000
d. BASE ENERGY CHARGE:		
First 180 Hours Use	<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use	\$0.05195 per kWh	\$0.04852 per kWh
Over 360 Hours Use	\$0.04088 per kWh	\$0.03818 per kWh
	\$0.03584 per kWh	\$0.03346 per kWh
e. SEASONAL ENERGY CHARGE:		
First 180 Hours Use	<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use	\$0.05195 per kWh	\$0.03139 per kWh
Over 360 Hours Use	\$0.04088 per kWh	\$0.03139 per kWh
	\$0.03584 per kWh	\$0.03139 per kWh
f. REACTIVE DEMAND ADJUSTMENT:	\$0.420 per kVar	

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 1st Revised Sheet No. 149.3  
 Canceling P.S.C. MO. No. 1 Original Sheet No. 149.3  
 For Missouri Retail Service Area

LARGE POWER SERVICE  
ELECTRIC

A. MONTHLY RATE FOR SERVICE AT SUBSTATION VOLTAGE, MOPSU

a. CUSTOMER CHARGE:	\$659.84		
b. FACILITIES CHARGE:			
Per kW of Facilities Demand			
All kW	\$0.000		
c. DEMAND CHARGE:			
Per kW of Demand		<u>Summer Season</u>	<u>Winter Season</u>
Base Billing Demand		\$10.005	\$5.211
Seasonal Billing Demand		\$10.005	\$0.000
d. BASE ENERGY CHARGE:			
First 180 Hours Use		<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use		\$0.05051 per kWh	\$0.04773 per kWh
Over 360 Hours Use		\$0.03977 per kWh	\$0.03756 per kWh
		\$0.03484 per kWh	\$0.03292 per kWh
e. SEASONAL ENERGY CHARGE:			
First 180 Hours Use		<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use		\$0.05051 per kWh	\$0.03139 per kWh
Over 360 Hours Use		\$0.03977 per kWh	\$0.03139 per kWh
		\$0.03484 per kWh	\$0.03139 per kWh
f. REACTIVE DEMAND ADJUSTMENT:	\$0.420 per kVar		

## KCP&amp;L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 1st Revised Sheet No. 149.4  
 Canceling P.S.C. MO. No. 1 Original Sheet No. 149.4  
 For Missouri Retail Service Area

LARGE POWER SERVICE ELECTRIC
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A. MONTHLY RATE FOR SERVICE AT TRANSMISSION VOLTAGE, MOPTR

a. CUSTOMER CHARGE:		\$659.84	
b. FACILITIES CHARGE:			
Per kW of Facilities Demand			
All kW		\$0.000	
c. DEMAND CHARGE:			
Per kW of Demand		<u>Summer Season</u>	<u>Winter Season</u>
Base Billing Demand		\$9.934	\$5.173
Seasonal Billing Demand		\$9.934	\$0.000
d. BASE ENERGY CHARGE:			
First 180 Hours Use		<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use		\$0.05151 per kWh	\$0.04652 per kWh
Over 360 Hours Use		\$0.04054 per kWh	\$0.03660 per kWh
		\$0.03554 per kWh	\$0.03207 per kWh
e. SEASONAL ENERGY CHARGE:			
First 180 Hours Use		<u>Summer Season</u>	<u>Winter Season</u>
Next 180 Hours Use		\$0.05151 per kWh	\$0.03139 per kWh
Over 360 Hours Use		\$0.04054 per kWh	\$0.03139 per kWh
		\$0.03554 per kWh	\$0.03139 per kWh
f. REACTIVE DEMAND ADJUSTMENT:			
			\$0.420 per kVar

P.S.C. MO. No. 1Original Sheet No. 149.5

Canceling P.S.C. MO. No. \_\_\_\_\_

Sheet No. \_\_\_\_\_

For Missouri Retail Service Area

<b>LARGE POWER SERVICE ELECTRIC</b>
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**SUMMER AND WINTER BILLING PERIOD**

For determination of Seasonal periods, the four (4) summer months shall be defined as the four (4) monthly billing periods of June through September. The eight (8) winter months shall be defined as the eight (8) monthly billing periods of October through May.

**DETERMINATION OF DEMANDS**

Demand will be determined by demand instruments or, at the Company's option, by demand tests. The Actual Demand shall be the maximum fifteen (15) minute demand, measured in kW during the current billing period.

**MINIMUM DEMAND**

500 kW for all voltage levels

**FACILITIES DEMAND**

Facilities Demand shall be equal to the higher of: (a) the highest Monthly Maximum Demand occurring in the last twelve (12) months including the current month or (b) the Minimum Demand. If there are less than eleven (11) previous billing periods, the determination will be made using all available previous billing periods. The Facilities Demand is defined as the Maximum Actual Demand as determined from the comparison but in no case less than five hundred (500) for Facilities Demand Charge billing purposes.

**HOURS USE**

Hours Use shall be determined by dividing the total monthly kWh on all meters by the Monthly Maximum Demand in the current month.

**ANNUAL BASE DEMAND**

The Annual Base Demand is 100% of the maximum measured demand established during the preceding four (4) summer billing months. Company will determine the Annual Base Demand each year prior to the October billing month to be used for the following twelve (12) billing months. Company will estimate the Annual Base Demand for customers who have insufficient billing history.

**MONTHLY BASE BILLING DEMAND AND SEASONAL BILLING DEMAND**

The Monthly Billing Demand shall be the customer's maximum fifteen (15) minute integrated demand measured during the month, but in no event less than five hundred (500) kW. The Monthly Seasonal Billing Demand shall be the Monthly Measured Demand in excess of the customer's Annual Base Demand. The Monthly Base Billing Demand shall be the Monthly Billing Demand in excess of the customer's Monthly Seasonal Billing Demand.

**MONTHLY BASE ENERGY AND SEASONAL ENERGY**

The customer's energy usage during the month shall be apportioned to Base Energy and Seasonal Energy in the same proportion as the customer's Monthly Base Billing Demand and Seasonal Billing Demand. The Monthly Base Energy and Seasonal Energy shall be apportioned to the Hours Use rate blocks based on the Monthly Base Demand and Seasonal Demand.

February 22, 2017

Issued: November 8, 2016  
Issued by: Darrin R. Ives, Vice President

FILED  
Missouri Public Service Commission  
1200 Main, Kansas City, MO 64105  
ER-2016-0156; YE-2017-0068

Effective: ~~December 22, 2016~~

**KCP&L GREATER MISSOURI OPERATIONS COMPANY**

Exhibit 501

P.S.C. MO. No. 1

Original Sheet No. 149.6

Canceling P.S.C. MO. No. \_\_\_\_\_

Sheet No. \_\_\_\_\_

For Missouri Retail Service Area

**LARGE POWER SERVICE  
ELECTRIC**

**REACTIVE DEMAND ADJUSTMENT**

Company shall determine customer's maximum reactive demand in kVar. Each month a charge shall be made for each kVar by which the maximum reactive demand is greater or less than fifty-percent (50%) of customer's maximum kW demand for that month. The reactive demand adjustment will be based on the ratio of the customer's maximum monthly fifteen (15) minute reactive demand in kVar to the customer's maximum kW demand for the billing period.

**MINIMUM MONTHLY BILL**

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge and any applicable minimum Facilities Charge and Demand Charge.

**MEEIA TRUE-UP, PRUDENCE REVIEW, AND MEEIA & PRE-MEEIA OPT-OUT PROVISIONS**

See Company Rules and Regulations (Sheet Nos. R-63.01.1 and R-63.01.2).

**ADJUSTMENTS AND SURCHARGES**

The rates hereunder are subject to adjustment as provided in the following schedules:

- Fuel Adjustment Clause (FAC)
- Renewable Energy Standard Rate Adjustment Mechanism Rider (RESRAM)
- Demand-Side Investment Mechanism Rider (DSIM)
- Tax and License Rider

**REGULATIONS**

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

**WEB USAGE SERVICE**

Customers served under this rate schedule are eligible for basic monthly web usage service which includes web access to their usage for fifteen (15) minute interval data which is updated once per month.

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