



October 28, 2016

Ms. Amy L Green
Secretary to the Commission
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, Kansas 66604

RE: Transmission Delivery Charge – Amended Filing (Docket No. 17-KCPE-116-TAR)

Dear Ms. Green:

On September 30, 2016, Kansas City Power & Light Company (KCP&L) filed for an updated Transmission Delivery Charge (TDC) tariff. During the preparation of this filing, it was discovered that the rates effective October 2015, for Large General and Medium General Service customers were erroneously transposed on the compliance tariff (Docket No. 15-KCPE-116-RTS) and subsequently billed incorrectly to those customer classes during the 2015 TDC True-up period. After discussions with KCC staff, KCP&L has revised the current TDC filing to reflect a correction for this transposition of rates included in the 2015 TDC True-up revenue collected for the period October 2015 through December 2015.

KCP&L hereby files an amended clean and red-lined version of the Transmission Delivery Charge (TDC) tariff to replace those documents contained in the initial filing, and a revised 2016 TDC Rate Calculation worksheet to replace the 2016 TDC Filing Page 1 contained in the initial filing. KCP&L would like to implement the new TDC starting November 14, 2016.

All other workpapers previously filed on September 30, 2016, per Docket No. 17-KCPE-116-TAR, have not changed.

Please feel free to call me at (816) 556-2612 with any questions concerning this filing.

Respectfully,

A handwritten signature in blue ink that reads "Lois Liechti".

Lois Liechti
Director, Regulatory Affairs

Enclosures

KANSAS CITY POWER & LIGHT COMPANY

(Name of Issuing Utility)

Replacing Schedule 83 Sheet 7

Rate Areas No. 2 & 4

(Territory to which schedule is applicable)

which was filed September 11, 2015No supplement or separate understanding
shall modify the tariff as shown hereon.Sheet 7 of 7 Sheets**TRANSMISSION DELIVERY CHARGE**
Schedule TDC**CALCULATION OF TDC RATES (continued):**

The Company shall file to update its TDC Rates annually. The Company may file for a change in the TDC Rates more frequently than once per year, but only if the Company receives concurrence from the Commission Staff that such filing is appropriate. All proposed TDC Rates shall be filed with the Commission no later than 30 business days before the effective date of the proposed charges.

METHOD OF BILLING:

The TDC-related revenue requirements shall be collected by applying the TDC Rate, developed for each rate schedule permitting such cost recovery, to each applicable customer's bill. The TDC Rate shall be implemented using a dollars per kilowatt-hour (kWh) charge or a dollars per kilowatt (kW) charges, as applicable.

TDC RATES EFFECTIVE:

The TDC Rates in the following table shall be applied to a customer's bill of each rate schedule as indicated. The amount determined by applying the TDC Rate shall become part of the total bill for electric service furnished and will be itemized separately on customer's bill.

Rate Schedule	\$ per kWh	\$ per kW
Large General Service		\$1.80006
Medium General Service		\$1.34307
Small General Service	\$0.00521	
Residential Service	\$0.00637	
Lighting Service	\$0.00380	

Note:

The initial TDC Rates effective October 1, 2015 included a TUn-1 component of zero (\$0). The True-Up component included in TDC Rate calculations for subsequent TDC Years may be positive or negative. The first TDC rate filing subsequent to the initial TDC filing shall include a TUn-1 component that only reflects TDC Revenues for Kansas Retail sales during Q4 2015 (October 1, 2015-December 31, 2015) and the TDC-related cost authorized by the Commission to be recovered for Q4 2015 (October 1, 2015-December 31, 2015).

Issued: September 30, 2016
Month Day Year

Effective: November 14, 2016
Month Day Year

By: Darrin R. Ives Vice President
Title

KANSAS CITY POWER & LIGHT COMPANY

(Name of Issuing Utility)

Replacing Schedule 83 Sheet 7

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Sheet 7 of 7 Sheets

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TDC RATES EFFECTIVE ~~OCTOBER 1, 2015~~:

The TDC Rates in the following table shall be applied to a customer's bill of each rate schedule as indicated. The amount determined by applying the TDC Rate shall become part of the total bill for electric service furnished and will be itemized separately on customer's bill.

Rate Schedule	\$ per kWh	\$ per kW
Large General Service		\$1.38714 <u>\$1.80006</u>
Medium General Service		\$1.69413 <u>\$1.34307</u>
Small General Service	\$0.00511 <u>\$0.00521</u>	
Residential Service	\$0.00624 <u>\$0.00637</u>	
Lighting Service	\$0.00373 <u>\$0.00380</u>	

Note:

These initial TDC Rates effective October 1, 2015 included a TUn-1 component of zero (\$0). The True-Up component included in TDC Rate calculations for subsequent TDC Years may be positive or negative. The first TDC rate filing subsequent to ~~this the~~ initial TDC filing shall include a TUn-1 component that only reflects TDC Revenues for Kansas Retail sales during Q4 2015 (October 1, 2015-December 31, 2015) and the TDC-related cost authorized by the Commission to be recovered for Q4 2015 (October 1, 2015-December 31, 2015).

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Kansas Transmission Delivery Charge Rider Rate Calculation and Impact Work Paper

2016 TDC Rates

Inputs		Rates Transposed	
TDC Expenses			
2015 TDC True-Up wo/Rates Transposed	\$ 1,112,560	2015 Rates Transposed 10/2015-12/2015	\$ 256,302
2015 Rates Transposed 10/2015-12/2015	256,302		
Total 2015 TDC True-Up	\$ 1,368,862		\$ 256,302
Kansas TDC Expense 2016	33,056,316		
Kansas TDC Expense	\$ 34,425,178		
less 2015 Rates Transposed 10/2015-12/2015	(256,302)		
Total Kansas TDC Expense	\$ 34,168,876		

Demand Allocation of TDC Expenses and Calculation of Class TDC Rate						
	Residential	Small General	Medium General	Large General	Lighting	Total
Demand Allocator (12 CP Method) ¹	52.6083%	5.2740%	10.7094%	30.7876%	0.6207%	100.0000%
Allocated 2015 True-Up wo/Rates Transposed	\$ 585,299	\$ 58,677	\$ 119,149	\$ 342,530	\$ 6,906	\$ 1,112,560
Allocated 2016 Expense	\$ 17,390,366	\$ 1,743,396	\$ 3,540,136	\$ 10,177,238	\$ 205,179	\$ 33,056,316
Total Kansas TDC Expense	17,975,666	1,802,073	3,659,285	10,519,768	212,084	\$ 34,168,876

Total kW ²			2,586,892	6,089,222	
Total kWh ³	2,822,789,541	345,701,992			55,822,206

TDC Rate per kW				\$	1.41455	\$	1.72760	
TDC Rate per kWh	\$	0.00637	\$	0.00521			\$	0.00380

Adjustment for Rates Transposed									
Adjustment for Rates Transposed 10/2015-12/2015				\$	(184,915)	\$	441,217	\$	256,302
\$	-	\$	-	\$	(184,915)	\$	441,217	\$	-
				\$	(184,915)	\$	441,217	\$	256,302

TDC Rate per kW - Rates Transposed	\$	(0.07148)	\$	0.07246
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Typical Monthly Charge						
	Residential	Small General	Medium General	Large General	Lighting	
Typical Usage (kW) ⁴			53	457		
Typical Usage (kWh) ⁵	1,087	1,307				1,090
Typical Monthly TDC Charge	\$ 6.92	\$ 6.81	\$ 74.37	\$ 788.94	\$	4.14
Typical Monthly TDC Charge w/Rates Transposed			\$ 70.61	\$ 822.03		

Typical Monthly Bill Impact						
	Residential	Small General	Medium General	Large General	Lighting	
Typical Monthly Bill before ECA, EER, & TDC ⁶	\$ 115.95	\$ 160.43	\$ 1,489.19	\$ 12,582.02	\$ 175.51	
Typical Monthly TDC Charge	\$ 6.92	\$ 6.81	\$ 74.37	\$ 788.94	\$ 4.14	
% of Base Usage Charge	5.97%	4.24%	4.99%	6.27%	2.36%	

Notes:

1 The 12 Coincident Peak (CP) allocator utilized by KCP&L for its Class Cost of Service Study (Docket No. 15-KCPE-116-RTS).

2 Class Normalized Billing Demands utilized in Company Rate Design (Docket 15-KCPE-116-RTS)

3 Class Normalized Energy utilized in Company Rate Design (Docket 15-KCPE-116-RTS)

4 Avg Monthly Billing Demand divided by Avg Monthly Customers utilized in the Company Rate Design (Docket 15-KCPE-116-RTS)

5 Average Monthly kWh Usage per Customer - KCP&L Revenue Summary MFR Section 2 (Docket 15-KCPE-116-RTS)

6 Total class revenue divided by number of customers divided by 12 - KCP&L Revenue Summary MFR Section 2 (Docket 15-KCPE-116-RTS)

Adjustment for rates transposed, effective for 12 months only (11/14/16-11/13/17)

<u>Rate Schedule</u>	<u>\$ per kWh</u>	<u>\$ per kW</u>	<u>Adjust for Rates Transposed</u> <u>\$ per kW</u>	<u>Total</u>
Large General Service		\$1.72760	\$0.07246	\$1.80006
Medium General Service		\$1.41455	(\$0.07148)	\$1.34307
Small General Service	\$0.00521			\$0.00521
Residential Service	\$0.00637			\$0.00637
Lighting Service	\$0.00380			\$0.00380