



November 15, 2017

Ms. Lynn Retz  
Secretary to the Commission  
Kansas Corporation Commission  
1500 SW Arrowhead Road  
Topeka, Kansas 66604

RE: Transmission Delivery Charge

Dear Ms. Retz:

Pursuant to Kansas City Power & Light Company's (KCP&L) tariff Schedule 83, KCP&L hereby files an updated Transmission Delivery Charge (TDC) tariff. The proposed rate schedules bear an issue date of November 15, 2017 and an effective date of January 1, 2018.

In this updated TDC tariff, KCP&L proposes removing the correction for a previous rate transposition error. The correction is included as a separate component of the TDC rate calculation filed March 20, 2017 in Docket No. 17-KCPE-440-TAR.

The rate transposition error was discovered during preparation of the TDC rate update filing made September 30, 2016. The TDC rates for Large General and Medium General Service customers were erroneously transposed on the compliance tariff filed in Docket No. 15-KCPE-116-RTS. These rates were effective from October 2015 through November 13, 2016, or approximately 13½ months.

After discussions with Staff in subsequent TDC rate update filings (Docket No. 17-KCPE-116-TAR and Docket No. 17-KCPE-440-TAR), KCP&L included, as a separate component of the TDC, a correction for the rate transposition. This correction was included in rates effective November 14, 2016. At December 31, 2017, approximately 13½ months later, this correction will be complete.

KCP&L hereby files clean and red-lined versions of the TDC tariff Schedule 83 Sheet 7 and an updated, public version of the 2017 TDC rate calculation worksheet reflecting the removal of the rates transposed component. No other values have changed. All other values remain the same as filed on March 20, 2017 in Docket No. 17-KCPE-440-TAR. KCP&L proposes to implement the new TDC rates effective January 1, 2018.

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 &amp; 4

(Territory to which schedule is applicable)

which was filed March 20, 2017No 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.

| <b><u>Rate Schedule</u></b> | <b><u>\$ per kWh</u></b> | <b><u>\$ per kW</u></b> |
|-----------------------------|--------------------------|-------------------------|
| Large General Service       |                          | \$2.07923               |
| Medium General Service      |                          | \$1.70246               |
| Small General Service       | \$0.00627                |                         |
| Residential Service         | \$0.00766                |                         |
| Lighting Service            | \$0.00457                |                         |

Issued: November 15, 2017  
Month Day Year

Effective: January 1, 2018  
Month Day Year

By: Darrin R. Ives Vice President  
Title

**KANSAS CITY POWER & LIGHT COMPANY**

(Name of Issuing Utility)

Replacing Schedule 83 Sheet 7

Rate Areas No. 2 &amp; 4

(Territory to which schedule is applicable)

which was filed ~~September 30, 2016~~ March 20, 2017No supplement or separate understanding  
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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.

| <b>Rate Schedule</b>   | <b>\$ per kWh</b> | <b>\$ per kW</b>                         |
|------------------------|-------------------|--|
| Large General Service  |                   | <del>\$2.55188</del><br><u>\$2.07923</u> |
| Medium General Service |                   | <del>\$1.22806</del><br><u>\$1.70246</u> |
| Small General Service  | \$0.00627         |  |
| Residential Service    | \$0.00766         |  |
| Lighting Service       | \$0.00457         |  |

Issued: ~~March 20, 2017~~ November 15, 2017

Month Day Year

Effective: ~~May 1, 2017~~ January 1, 2018

Month Day Year

By: Darrin R. Ives Vice President

Title

KANSAS CITY POWER & LIGHT

2017 TDC Filing

Kansas Transmission Delivery Charge Rider Rate Calculation and Impact Work Paper - from Docket No. 17-KCPE-440-TAR

2017 TDC Rates

| Inputs                               |  |  |   |  |  |
|--------------------------------------|--|--|---|--|--|
| TDC Expenses                         |  |  | Rates Transposed                                |  |  |
| 2016 TDC True-Up wo/Rates Transposed |  |  | 2015 Rates Transposed 10/2015-12/2015           |  |  |
| 2016 Rates Transposed balance        |  |  | 2016 Rates Transposed 1/2016-11/13/2016         |  |  |
| Total 2016 TDC True-Up               |  |  | Total Rates Transposed                          |  |  |
| Kansas TDC Expense 2017              |  |  | Less 2016 Rate Adjust Billed 11/14/2016-12/2016 |  |  |
| Kansas TDC Expense                   |  |  | 2016 Balance                                    |  |  |
| less Rates Transposed                |  |  | Less 2017 Estimated Adjust Billed 1/2017-4/2017 |  |  |
| Total Kansas TDC Expense             |  |  | 2017 Balance - Needs Correction                 |  |  |

| 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)                                     | 52.6083%      | 5.2740%       | 10.7094%       | 30.7876%      | 0.6207%    | 100.0000%     |
| Allocated 2016 TDC True-Up wo/Rates Transposed                      | \$ 580,295    | \$ 58,175     | \$ 118,130     | \$ 339,602    | \$ 6,847   | \$ 1,103,049  |
| Allocated Kansas TDC Expense 2017                                   | \$ 21,054,056 | \$ 2,110,684  | \$ 4,285,949   | \$ 12,321,313 | \$ 248,404 | \$ 40,020,406 |
| Total Kansas TDC Expense  | 21,634,351    | 2,168,859     | 4,404,079      | 12,660,915    | 255,251    | 41,123,455    |
| Total kW  |               |               | 2,586,892      | 6,089,222     |            |               |
| Total kWh   | 2,822,789,541 | 345,701,992   |                |               | 55,822,206 |               |
| TDC Rate per kW   |               |               | \$ 1.70246     | \$ 2.07923    |            |               |
| TDC Rate per kWh  | \$ 0.00766    | \$ 0.00627    |                |               | \$ 0.00457 |               |

| Adjustment for Rates Transposed                   | Remove Adjustment for Rates Transposed, effective January 1, 2018 |  |              |              |              |
|---|---|--|--------------|--------------|--------------|
| Adjustment for Rates Transposed remaining balance |   |  | \$ (823,875) | \$ 1,978,883 | \$ 1,155,008 |
| kW for recovery period                            |   |  | 1,736,687    | 4,186,805    |              |
| TDC Rate per kW - Rates Transposed                |   |  | \$ (0.47439) | \$ 0.47265   |              |

| Typical Monthly Charge                                  |             |               |                |               |          |
|---|-------------|---------------|----------------|---------------|----------|
| Effective May 1, 2017                                   | Residential | Small General | Medium General | Large General | Lighting |
| Typical Usage (kW)                                      |             |               | 53             | 457           |          |
| Typical Usage (kWh)                                     | 1,087       | 1,307         |                |               | 1,090    |
| Typical Monthly TDC Charge                              | \$ 8.32     | \$ 8.19       | \$ 89.51       | \$ 949.52     | \$ 4.98  |
| Typical Monthly TDC Charge w/Rates Transposed           |             |               | \$ 64.57       | \$ 1,165.36   |          |
| Typical Previous Monthly TDC Charge                     | \$ 6.92     | \$ 6.81       | \$ 74.37       | \$ 788.94     | \$ 4.14  |
| Typical Previous Monthly TDC Charge w/Rates Transposed  |             |               | \$ 70.61       | \$ 822.03     |          |
| Typical Change in Monthly TDC Charge                    | \$ 1.40     | \$ 1.38       | \$ 15.14       | \$ 160.58     | \$ 0.84  |
|   | 20%         | 20%           | 20%            | 20%           | 20%      |
| Typical Change in Monthly TDC Charge w/Rates Transposed |             |               | \$ (6.04)      | \$ 343.33     |          |
|   |             |               | -9%            | 42%           |          |

|                        |            |           |  |                           |
|------------------------|------------|-----------|--|---------------------------|
|                        |            |           | Remove Rates Transposed correction component | effective January 1, 2018 |
| Rate Schedule          | \$ per kWh | \$ per kW | Adjust for Rates Transposed - \$ per kW      | Total                     |
| Large General Service  |            | \$2.07923 | \$0.47265                                    | \$2.55188                 |
| Medium General Service |            | \$1.70246 | (\$0.47439)                                  | \$1.22806                 |
| Small General Service  | \$0.00627  |           |  | \$0.00627                 |
| Residential Service    | \$0.00766  |           |  | \$0.00766                 |
| Lighting Service       | \$0.00457  |           |  | \$0.00457                 |

|                                      |             |               |                |               |                          |
|--------------------------------------|-------------|---------------|----------------|---------------|--------------------------|
| Effective January 1, 2018            | Residential | Small General | Medium General | Large General | Lighting                 |
| Typical Usage (kW)                   |             |               | 53             | 457           |                          |
| Typical Usage (kWh)                  | 1,087       | 1,307         |                |               | 1,090                    |
| Typical Monthly TDC Charge           | \$ 8.32     | \$ 8.19       | \$ 89.51       | \$ 949.52     | \$ 4.98 for January 2018 |
| Typical Previous Monthly TDC Charge  | \$ 6.92     | \$ 6.81       | \$ 74.37       | \$ 788.94     | \$ 4.14 from May 1, 2017 |
| Typical Change in Monthly TDC Charge | \$ -        | \$ -          | \$ 24.94       | \$ (215.84)   | \$ -                     |
|                                      | 0%          | 0%            | 39%            | -19%          | 0%                       |