



September 20, 2017

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

RE: Submittal of ECA Factors for October, November and December 2017  
Docket No. 08-KCPE-677-CPL

Dear Ms. Retz:

Pursuant to Kansas City Power & Light Company's (KCP&L) tariff Schedule 2 (also known as Schedule ECA), please find KCP&L's Energy Cost Adjustment (ECA) factors for October, November and December 2017. These factors will be effective starting October 1, 2017.

Included in this submittal are:

- The Public version showing the ECA factors October, November and December 2017;
- The Confidential version showing the summary for 2017;
- A summary of values allocated between retail / sales for resale sales / bulk power sales not in off-system sales and asset-based off-system sales;
- Workpapers expanding the summary report

Please note that in addition to the Confidential version of the submittal, all of the workpapers are marked "Confidential" pursuant to K.S.A. 66-1220a as they contain proprietary and confidential information related to KCP&L's projected fuel supply and off-system sales, the disclosure of which could affect the Companies' standing in the capital markets, affect the Companies' stock prices, facilitate insider trading violations of SEC rules and/or disadvantage the Companies in their contract negotiations.

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  
ENERGY COST ADJUSTMENT (SCHEDULE ECA)  
Submittal date: September 20, 2017

ENERGY COST ADJUSTMENT		Preliminary Actual Jan-17	Preliminary Actual Feb-17	Preliminary Actual Mar-17	Preliminary Actual Apr-17	Preliminary Actual May-17	Preliminary Actual Jun-17	Preliminary Actual Jul-17	Preliminary Actual Aug-17	Projected Sep-17	Projected Oct-17	Projected Nov-17	Projected Dec-17	Projected 2017 Total
Projected Costs for all KCPL Retail, Requirements Sales for Resale, and Bulk Power Sales Customers not included in the asset-based Off-System Sales Margin from Bulk Power Sales:														
1. Projected cost nuclear and fossil fuel	F <sub>p</sub>													\$ -
Account 501 Coal														
Account 518 Nuclear														
Account 547 Gas / Oil														
2. Projected cost purchased power	P <sub>p</sub>													\$ -
Account 555 Purchased Power														
including RTO Participation														
3. Projected cost emission allowances	E <sub>p</sub>													\$ -
4. Projected transmission cost	T <sub>p</sub>	Retail transmission costs that were previously collected in the ECA are now collected through the TDC.												
Account 565 Transmsn by Others														
Accts 560, 561, 575, 928 Fees														
5. Projected Revenue not in OSSM	BPR <sub>p</sub>													\$ -
5a. Cost of Non-asset-based sales to Bulk Power Customers	NABPC <sub>A</sub>													\$ -
6. Total (Lines 1+2+3+4-5-5a)														\$ -
7. Projected kWhs to be delivered to all KCPL Retail and Requirements Sales for Resale Customers	S <sub>p</sub>													-
8. Projected Fuel Cost Component of the ECA (\$/kWh) (Line 6 / Line 7)														
9. Projected annual asset-based Off-System Sales Margin from Bulk Power Sales (Median Value)	OSSM													
10. Projected Unused Energy Allocator for Kansas	UE1													48.9465%
11. Projected Kansas annual allocation of OSSM (Line 9 x Line 10)	OSSM <sub>K</sub>													\$ -
12. Projected kWhs to be delivered to all Kansas Retail Customers	S <sub>K</sub>													
13. Projected OSSM Component of the ECA (\$/kWh credit amount)														
13a. OSSM Credit to Kansas Retail (Line 12 x Line 13)														
14. True-up Value from previous ECA year (Actual Cost Adjustment (ACA)) Over (Under) Collected	TRUE <sub>A</sub>													\$ (15,801,548)
15. Projected True-up kWhs from ACA	S <sub>TRUE</sub>													
16. True-up Component of the ECA (\$/kWh) (-Line 14 / Line 15)												\$ 0.00245	\$ 0.00245	\$ 0.00245
17. Projected ENERGY COST ADJUSTMENT (\$/kWh) (Lines 8+13+16)												\$ 0.02176	\$ 0.02244	\$ 0.02225