



STATE CORPORATION COMMISSION

December 18, 2009

Ms. Susan K. Duffy
Executive Director
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, Kansas 66604

DEC 18 2009

PUBLIC VERSION

A handwritten signature in black ink, appearing to read "Susan K. Duffy", is written over the typed name and title.

RE: Schedule ECA Submittal of 2010 Projected ECA Factors for January, February and March
Docket No. 08-KCPE-677-CPL

Dear Ms. Duffy:

Enclosed for submittal to the Staff of the Commission pursuant to our tariff Schedule ECA, please find the original and eight (8) copies of Kansas City Power & Light Company's (KCP&L) submittal of its projected Energy Cost Adjustment (ECA) factors for January, February and March 2010 pursuant to Tariff Schedule ECA. These factors will be effective January 1, 2010 with the billing cycle 01 start date of January 6, 2010.

Concurrent with this filing, KCP&L is also filing a Petition For Waiver of Certain Provisions of its ECA Tariff. The purpose of the waiver is to request a one-time variance from the ECA tariff for calendar year 2010 to address a unique situation that exists in 2010 due to the expected addition of Iatan Unit 2 to the KCP&L Kansas rate base sometime in the latter half of the year. In its Petition for Waiver, KCP&L has requested authorization to present only the first six months of 2010 in this December 18, 2009 report with an update report on or before March 20, 2010, and to present the second six months of 2010 in its June 18, 2010 filing with an update report on or before September 20, 2010. This submittal reflects the initial six month filing contemplated by the Petition for Waiver.

Included in this submittal are:

- The Public version showing the ECA factors for January – March 2010;
- The Confidential version showing the summary for January – June of 2010;
- Workpapers expanding the summary report;
- 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; and
- Workpapers supporting the calculation of the Unused Energy (UE1) Allocator.

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 because they contain proprietary and confidential information related to KCP&L's projected fuel supply and off-system sales.

Please file stamp one copy for KCP&L's files. Thank you for your assistance.

Respectfully,

A handwritten signature in black ink, appearing to read "Mary Britt Turner", is written in a cursive style.

Mary Britt Turner
Director, Regulatory Affairs

Enclosures

KANSAS CITY POWER & LIGHT COMPANY
ENERGY COST ADJUSTMENT (SCHEDULE ECA)
DECEMBER 18, 2009

ENERGY COST ADJUSTMENT

	Projected Jan-10	Projected Feb-10	Projected Mar-10	Projected Apr-10	Projected May-10	Projected Jun-10	Projected January - June 2010
--	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------	-------------------------------------

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 _p						
Account 501 Coal							
Account 518 Nuclear							
Account 547 Gas / Oil							
2. Projected cost purchased power	P _p						
Account 555 Purchased Power							
Including RTO Participation							
3. Projected cost emission allowances	E _p						
4. Projected transmission cost	T _p						
Account 565 Transmssn by Others							
Accts 560, 561, 575, 928 Fees							
5. Projected Revenue not in OSSM	BPR _p						
5a. Cost of Non-asset-based sales to Bulk Power Customers	NABPCA						
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 _p						
8. Projected Fuel Cost Component of the ECA (\$/MWh) (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						
11. Projected Kansas annual allocation of OSSM (Line 9 x Line 10)	OSSM _K						
12. Projected kWhs to be delivered to all Kansas Retail Customers	S _k						
13. Projected OSSM Component of the ECA (\$/MWh 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	TRUEA						
15. Projected True-up kWhs	Strue						
16. True-up Component of the ECA (\$/MWh) (Line 14 / Line 15)							
17. Projected Energy Cost Adjustment (\$/MWh) (Lines 8+13+16)							

\$ (2,143,229)