

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Application of)	
Kansas City Power & Light Company)	
for Approval of the Accrual and Funding)	Case No. EO-2009-_____
of Wolf Creek Generating Station)	
Decommissioning Costs at Current Levels)	

**APPLICATION OF KANSAS CITY POWER & LIGHT COMPANY
FOR APPROVAL OF THE ACCRUAL AND FUNDING OF WOLF CREEK
GENERATING STATION DECOMMISSIONING COSTS AT CURRENT LEVELS**

Pursuant to 4 CSR 240-3.185(3), Kansas City Power & Light Company (“KCPL”) hereby submits its application to the Missouri Public Service Commission (“Commission”) for approval of the accrual and funding of Wolf Creek Generating Station (“Wolf Creek”) decommissioning costs at current levels. In support thereof, KCPL states as follows:

1. KCPL is a corporation duly authorized and existing under the laws of the State of Missouri, with its principal office at 1201 Walnut Street, Kansas City, Missouri, and is an “electrical corporation” and “public utility” as defined in Mo. Rev. Stat. §§ 386.020 (12) and (32), respectively. KCPL is engaged primarily in the generation, transmission, distribution, and sale of electric energy and power in western Missouri and eastern Kansas. KCPL is a 47% co-owner of Wolf Creek and has established and is funding a decommissioning trust to ensure that adequate funds are available to decommission Wolf Creek.

2. KCPL has filed with the Commission certified copies of its Articles of Incorporation and all amendments thereto. These documents are incorporated herein by reference.

3. Communications concerning this submission should be addressed to:

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4. 4 CSR 240-3.185(3) requires KCPL to file by September 1, 1990, and every three years thereafter, a cost study detailing KCPL's latest cost estimate for decommissioning Wolf Creek. The Wolf Creek Generating Station Decommissioning Cost Estimate Update for September 1, 2008 ("2008 Study") is filed herewith.

5. The current approved decommissioning cost estimate for Wolf Creek, as established in Case No. EO-2006-0094 is approximately \$517.6 million in 2005 dollars. The currently approved annual decommissioning trust fund accrual, as established in KCPL's 2006 general rate case in Case No. ER-2006-0314 is \$1,281,264 (Missouri jurisdictional amount).

6. The 2008 Study shows the decommissioning cost estimate to be \$593.5 million in 2008 dollars. When adjusted for inflation, this amount is essentially unchanged from the 2005 decommissioning cost estimate. Thus, KCPL believes that it is reasonable and prudent to continue the annual accruals at the current level of \$1,281,264. KCPL therefore requests that the Commission approve the continuation of the annual accrual at the current level.

7. KCPL notes that pursuant to the terms of the Stipulation and Agreement approved by the Commission in Case No. EO-2005-0329, KCPL will file a general rate case in 2009. The Stipulation and Agreement refers to the case as “Rate Filing #4 (2009 Rate Case).” KCPL proposes to address the level of KCPL’s annual Wolf Creek decommissioning cost accrual at that time in the context of the entirety of KCPL’s cost of service.

WHEREFORE, KCPL requests an order from the Commission: (i) finding that the 2008 Study satisfies the requirements of 4 CSR 240-3.185(3); (ii) approving the 2008 decommissioning cost estimate of \$593,542,000; (iii) approving the continuation of the annual accrual at the current level of \$1,281,264; and (iv) finding that the Wolf Creek decommissioning costs are included in KCPL’s current cost of service and are properly reflected in current rates for ratemaking purposes.

Respectfully submitted,

/s/ Curtis D. Blanc
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**Counsel for
Kansas City Power & Light Company**

Dated August 29, 2008

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Application was served either by electronic mail or by first class mail, postage prepaid, on this 30th day of June 2006, upon:

Kevin Thompson
Missouri Public Service Commission
P.O. Box 360
200 Madison St., Suite 800
Jefferson City, MO 65102

Cully Dale
Missouri Public Service Commission
P.O. Box 360
200 Madison St., Suite 800
Jefferson City, MO 65102

Lewis Mills
Office of the Public Counsel
P.O. Box 2230
200 Madison St., Suite 650
Jefferson City, MO 65102

/s/ *Curtis D. Blanc*
Curtis D. Blanc

**Counsel for
Kansas City Power & Light Company**

VERIFICATION

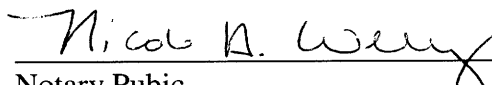
STATE OF MISSOURI)
) ss.
COUNTY OF JACKSON)

William G. Riggins, being first duly sworn, on his oath and in his capacity as Chief Legal Officer and General Counsel for Kansas City Power & Light Company, states that he is authorized to execute on behalf of Kansas City Power & Light Company this Application for Approval of the Accrual and Funding of Wolf Creek Generating Station Decommissioning Costs, and has knowledge of the matters stated in this Application, and that said matters are true and correct to the best of his knowledge, information and belief.



William G. Riggins

Subscribed and sworn to before me this 29th day of August, 2008.



Notary Public

My Commission expires:

