

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

In the Matter of the 2008 Resource Plan of)	
Kansas City Power & Light Company)	Case No. EE-2008-0034
Pursuant to 4 CSR 240-22)	

**SUBMISSION BY KANSAS CITY POWER & LIGHT COMPANY
OF SUPPLEMENTAL INFORMATION CONCERNING ITS
INTEGRATED RESOURCE PLAN**

Pursuant to 4 C.S.R. 240-22, Kansas City Power & Light Company (“KCPL”) hereby respectfully submits to the Missouri Public Service Commission (“Commission”) certain supplemental information concerning its Integrated Resource Plan (“IRP”) submission. Pursuant to 4 C.S.R. 240-22.080(2), KCP&L also requests herein approval for certain nontraditional accounting procedures and associated ratemaking treatment for its demand-side management investments. In support hereof, KCP&L offers as follows:

1. KCP&L submitted its IRP compliance submission in the above-captioned proceeding on August 5, 2008. Since that time, KCP&L has met with Commission Staff, Office of Public Counsel, and other interested parties concerning additional information KCP&L could provide to improve its IRP submission. The attached appendices are in response to those suggestions that KCP&L provide additional information.

2. In addition, as specified in Section 7.4 Volume 1-S: Supplemental Filing, which is attached hereto, KCP&L hereby respectfully requests that the Commission approve certain nontraditional accounting procedures and associated ratemaking treatment for KCP&L’s demand-side management investments.

Respectfully submitted,

/s/ Curtis D. Blanc

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**COUNSEL FOR
KANSAS CITY POWER & LIGHT COMPANY**

Dated: December 24, 2008

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing was served on all counsel of record either by electronic mail or by first class mail, postage prepaid, on this 24th day of December 2008.

/s/ *Curtis D. Blanc*

Curtis D. Blanc