

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

In the Matter of the 2009 Resource Plan of     )  
KCP&L Greater Missouri Operations             )  
Company Pursuant to 4 CSR 240-22.             )     **File No. EE-2009-0237**

**SUBMISSION BY KCP&L GREATER MISSOURI OPERATIONS COMPANY  
OF SUPPLEMENTAL INFORMATION CONCERNING ITS  
INTEGRATED RESOURCE PLAN**

Pursuant to Missouri Public Service Commission (“Commission”) Rule 4 C.S.R. 240-22, KCP&L Greater Missouri Operations Company (“GMO”) hereby respectfully submits to the Commission certain supplemental information concerning its Integrated Resource Plan (“IRP”) submission. In support hereof, GMO offers as follows:

GMO submitted its IRP compliance submission in the above-captioned proceeding on August 5, 2009. Since that time, GMO has met with Commission Staff, Office of the Public Counsel, and other interested parties concerning additional information GMO could provide to improve its IRP submission. The attached 2009 IRP Supplemental Filing and its three appendices (submitted in both Highly Confidential and Non-Proprietary versions) are in response to those suggestions that GMO provide additional information.

Respectfully submitted,

/s/ James M. Fischer

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Counsel for KCP&L Greater Missouri  
Operations Company

Dated: November 2, 2009

# 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 2<sup>nd</sup> day of November, 2009.

/s/ James M. Fischer  
James M. Fischer