

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)

Case No. EE-2009-0237

APRIL STAKEHOLDER MEETING SUPPLEMENTAL FILING

Pursuant to the Nonunanimous Stipulation and Agreement signed by KCP&L Greater Missouri Operations Company (“GMO”), the Staff of the Missouri Public Service Commission (“Staff”), the Office of Public Counsel (“OPC”), the Missouri Department of Natural Resources (“MDNR”), and Dogwood Energy, LLC (“Dogwood”) (collectively, the “Signatories”), GMO hereby submits to the Missouri Public Service Commission (“Commission”) this filing of data presented and discussed in the April Stakeholder Meeting. Sedalia Industrial Energy Users’ Association (“SIEUA”), the City of Kansas City, Missouri (“KCMO”), and the Missouri Joint Municipal Electric Utility Commission (“MJMEUC”) intervened in this case but they were not signatories to this agreement.

In support hereof, GMO offers as follows:

1. From Appendix A of the Nonunanimous Stipulation and Agreement, the following agenda was proposed for the April Stakeholder Meeting.

April 2010 stakeholder meeting

- (a) Load Forecasting
- (b) DSM Programs/20-year plan
- (c) Menu of End-Use Measures
- (d) Alternative Levels of DSM Program Implementation

Information was provided at the meeting in a power point presentation and other handouts. This information is attached to this filing as Appendix 1.

2. Load forecasting: GMO presented information regarding its latest budget load forecast and compared it to the load forecast used in the GMO IRP filed August 5, 2009. Differences in the drivers of the two load forecasts were discussed at the meeting. The load forecast used in the IRP was completed in January 2009. The load forecast used in the 2010-2014 budget forecast was completed during the summer of 2009. The budget forecast incorporates the following changes:

(a) Changes in 2010-2014 Budget vs. IRP Load Forecasts

- (1) More recent historical kwh sales and customer count data. The IRP used monthly historical customer and kwh sales billing data through December 2008. The budget forecast used data through May 2009.
- (2) More recent economic forecast from Moody's economy.com. The IRP was based on Moody's November 2008 forecast for the US economy whereas the budget was based on the May 2009 economic forecast.
- (3) Updated end-use data and projections from the US DOE for the West North Central region. The IRP was based on end-use data and projections from the US DOE available in 2008 for the West North Central region where as the budget used DOE results available in 2009.
- (4) IRP forecast used CCOS models, budget forecast used revenue class models. Aquila stipulated to using class cost of service

classes for the IRP forecast whereas the budget forecast uses revenue classes. Class cost of service categories are Residential, Small General Service, Large General Service, Large Power and Lighting. Revenue classes are Residential (including private area lights), Commercial (including private area lights), Industrial and Lighting. MPS also includes a Public Authority revenue class.

(b) Comparison of New Budget Load forecast to GMO IRP Forecast

- (1) The new forecast was within the critical factor limits for load risk. This factor would not have necessitated a review of the Preferred Plan from the August 5 filing.

3. DSM Programs/20-year plans: GMO provided detailed tables of the 20-year impacts of the DSM programs included in the GMO IRP Preferred Plan. These tables are shown in the Appendix 1 attached to this filing.

4. Menu of End Use Measures: GMO provided an initial list of proposed end use measure for discussion. This list is shown in Appendix 1 attached to this filing.

5. Alternative Levels of DSM Program Implementation: This was discussed, and the material used is shown in Appendix 1 attached to this filing.

6. Revised Resource Acquisition Strategy Corporate Approval Statement: Per the terms of the Nonunanimous Stipulation and Agreement in this case, the revised resource acquisition strategy corporate approval statement is attached to this filing and shown in Appendix 1.

7. In February, 2010, GMO provided supplemental information to the parties in response to their reports. While it is titled “2009 IRP Supplemental Filing”, it was not filed in this docket, but is provided with this filing and is shown in Appendix 1.

8. The Highly Confidential version of Appendix 1 is organized as follows:

April 21 Stakeholder Meeting Attendee list PDF numbered page 2
2009 Supplemental Filing..... PDF numbered pages 3 through 265
IRP Stakeholder Meeting April 21, 2010 ... PDF numbered pages 266 through 283
Comparison of Forecast Drivers..... PDF numbered pages 284 through 294
List of End-Use Measures PDF numbered pages 295 through 303
Acquisition Strategy Approval PDF numbered page 304

Respectfully submitted,

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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 21st day of May, 2010.

/s/ James M. Fischer

Counsel for KCP&L Greater Missouri
Operations Company