

**KANSAS CITY POWER & LIGHT
COMPANY (KCP&L)**

INTEGRATED RESOURCE PLAN

2013 ANNUAL UPDATE

SUMMARY REPORT

CASE NO. EO-2013-0537

JULY 22, 2013



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SECTION 1: BACKGROUND

1.1 ANNUAL UPDATE WORKSHOP

On July 11, 2013, KCP&L met with stakeholders to the 2013 IRP Annual Update to review the annual update report filing made under Case No. EO-2013-0537 on June 20, 2013. Per 4 CSR 240-22.080(3)(B), *“The utility shall prepare an annual update report with both a public version and highly-confidential version to document the information presented at the annual update workshop and shall file the annual update reports with the commission no less than twenty (20) days prior to the annual update workshop.”* Stakeholders present at the annual update workshop included Missouri Public Service Commission (MPSC) Staff, Office of Public Counsel (OPC), and Missouri Department of Natural Resources (MDNR) – Energy Division. The complete list of attendees, including stakeholders that participated via telephone is attached as Appendix A.

1.2 SUMMARY REPORT PREPARATION

Per 4 CSR 240-22.080(3)(C), *“The utility shall prepare a summary report that shall list and describe any action items resulting from the workshop to be undertaken by the utility prior to next compliance triennial filing or annual update filing.”*

From the stakeholder workshop, a list of utility action items was assembled and is provided below:

Table 1: Workshop Action Items – KCP&L

2013 Annual Update Workshop Action Items
Link to SmartGrid Demonstration Project Interim Technology Performance Report
Natural Gas Forecast Date Information
LaCygne Station Environmental Retrofit Costs
RAP Vs. MEEI/RAP DSM Projected Rate Impact Calculation

SECTION 2: ACTION ITEMS

Responses to each of the action items listed in Table 1 above, is provided as follows:

2.1 SMART GRID LINK

As a DOE Smart Grid Demonstration Project requirement, KCP&L produced its first Interim Technology Performance Report (TPR) on December 31, 2012. The link provided in the Annual Update filing was not correct. The correct link to the report is:

[http://www.smartgrid.gov/sites/default/files/KCPL_OE0000221_Interim TPR
1_20130328.pdf](http://www.smartgrid.gov/sites/default/files/KCPL_OE0000221_Interim_TPR_1_20130328.pdf)

2.2 NATURAL GAS FORECAST DATE INFORMATION

The Annual Update filing provided the names of the fuel and emission forecast sources on Table 14, Page 24. In addition to this information, a request was made to provide the date of the natural gas forecast. Table 2 below provides the date for all fuel and emissions forecasts used in the Annual Update.

Table 2: Forecast Date Information

Source of Industry Forecasts (latest update) for Fuel & Emissions						
	Coal	Natural Gas	Fuel Oil	CO ₂	NO _x	SO ₂
CERA/Global Insight		January 2013	January 2013	August 2012		August 2012
EIA/DOE	December 2012	December 2012	December 2012			
PIRA		October 2012	October 2012	October 2012	October 2012	October 2012
Energy Ventures Analysis	Fall 2012	Fall 2012	Fall 2012	Fall 2012	Fall 2012	Fall 2012
Wood Mac				August 2012		
JD Energy	February 2013			January 2013	January 2013	January 2013
Synapse				41186		
SNL Financial	December 2012					
Hanou Energy Consulting	August 2012					

2.3 LACYGNE STATION ENVIRONMENTAL RETROFIT COSTS

Table 3 provides the environmental retrofit costs per year for the LaCygne Station retrofit project that were utilized in the Annual Update:

Table 3: LaCygne Station Environmental Retrofit Costs

LaCygne Station Environmental Retrofit Costs		
Year	LaCygne-1	LaCygne-2
Pre-2012	37,390	37,350
2012	82,389	96,036
2013	77,334	100,924
2014	63,434	63,545
2015	29,569	27,028
Total	290,116	324,883

2.4 RAP VS. MEEIA/RAP PROJECTED RATE IMPACT CALCULATION

The analysis that estimated the rate impact calculations for the Realistic Achievable Potential (RAP) level of DSM and the MEEIA/RAP level of DSM is provided in Appendix C.

Additionally, the DSM data modeled in the Annual Update are provided in Appendix B.

SECTION 3: CONCLUSION

Notwithstanding the responses to the action items provided in this summary report, KCP&L is not undertaking any additional actions to change the Annual Update report.

Appendix A

Telephone call-in attendees:

Joe O'Donnell, KCP&L
Harold Wyble, KCP&L
Bob Fratto, GDS for DNR
Ed Hedges, KCP&L
Carl Lumley, Dogwood
Phil Mosenthal, for NRDC
Henry Robertson for Sierra Club and NRDC
Cliff McDonald, for NRDC
Thom Cmar, for Sierra Club
Kima Narita, for NRDC

In person attendees:

Lois Liechti, KCP&L
Laura Becker, KCP&L
Dale Hansen, KCP&L
Roger Powell, KCP&L
Marisol Miller, KCP&L
Al Bass, KCP&L
Jim Fischer, Fischer and Dority
Sreedhar Upendram, MDNR
Glen Mieir, MDNR
Mary Ann Young, MDNR
Ryan Kind, OPC
Randy Gross, MoPSC
Hojong Kang, MoPSC
Jason Huffman, Mo PSC
John Rogers, MoPSC
Ming Xu, MDNR
David Roos, MoPSC
Steven Dottheim, MoPSC
Jennifer Hernandez, MoPSC
Matt Barnes, MoPSC
Nathan Williams, MoPSC
Dana Eaves, MoPSC