

Exhibit No.:
Issue: Fuel and Purchased Power
Witness: Burton L. Crawford
Type of Exhibit: True-Up Direct Testimony
Sponsoring Party: KCP&L Greater Missouri Operations Company
Case No.: ER-2010-0356
Date Testimony Prepared: February 22, 2011

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO.: ER-2010-0356

TRUE-UP DIRECT TESTIMONY

OF

BURTON L. CRAWFORD

ON BEHALF OF

KCP&L GREATER MISSOURI OPERATIONS COMPANY

**Kansas City, Missouri
February 2011**

TRUE-UP DIRECT TESTIMONY

OF

BURTON L. CRAWFORD

Case No. ER-2010-0356

1 **Q: Please state your name and business address.**

2 A: My name is Burton L. Crawford. My business address is 1200 Main, Kansas City,
3 Missouri 64105.

4 **Q: Are you the same Burton L. Crawford who prefiled direct, rebuttal and surrebuttal**
5 **testimony in this matter?**

6 A: Yes.

7 **Q: What is the purpose of your true-up direct testimony?**

8 A: The purpose of my testimony is to describe the update of fuel and purchased power costs
9 and off-system sales revenues included in KCP&L Greater Missouri Operations
10 Company's (the "Company") Revenue Requirement Model included as Schedule
11 JPW2010-9 in the true-up testimony submitted by Company witness John P. Weisensee.

12 **Q: Please describe the process that you used to compute these values.**

13 A: We used the Company's MIDAS model, consistent with the process that I described in
14 my direct testimony submitted earlier in this case.

15 **Q: What inputs into the MIDAS Model were updated?**

16 A: The following input values were updated:

- 17 • Weather-normalized net system input was adjusted to include customer growth
18 through December 31, 2010. The resulting load was modeled to determine the
19 generating units and purchased power needed to serve this load.

1 • Fuel prices were updated to known and measurable values. Coal and coal
2 transportation which are purchased under contracts with specific prices or pricing
3 mechanisms have been reflected at January 1, 2011 prices. Fuel costs for natural gas
4 were updated to reflect the actual monthly purchase prices for January through
5 December 2010. Oils prices were also updated to December 2010 values. Market
6 prices were also updated to reflect these natural gas prices.

7 • Revenues related to off-system sales were updated using the MIDAS model and
8 modeled along with the annualized and normalized expected net system input.
9 Related adjustments to this value for net Southwest Power Pool (“SPP”) loss charge
10 and SPP revenue neutrality uplift were updated to reflect the actual values for the
11 twelve months ended December 31, 2010.

12 **Q: Does that conclude your testimony?**

13 A: Yes, it does.

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

In the Matter of the Application of KCP&L Greater)
Missouri Operations Company to Modify Its) Docket No. ER-2010-0356
Electric Tariffs to Effectuate a Rate Increase)

AFFIDAVIT OF BURTON L. CRAWFORD

STATE OF MISSOURI)
) ss
COUNTY OF JACKSON)

Burton L. Crawford, being first duly sworn on his oath, states:

1. My name is Burton L. Crawford. I work in Kansas City, Missouri, and I am employed by Kansas City Power & Light Company as Senior Manager, Energy Resource Management.

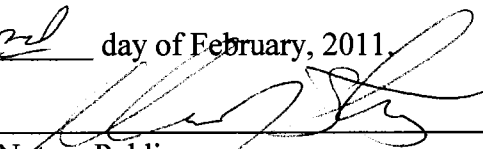
2. Attached hereto and made a part hereof for all purposes is my True-Up Direct Testimony on behalf of KCP&L Greater Missouri Operations Company consisting of two (2) pages, having been prepared in written form for introduction into evidence in the above-captioned docket.

3. I have knowledge of the matters set forth therein. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded, including any attachments thereto, are true and accurate to the best of my knowledge, information and belief.



Burton L. Crawford

Subscribed and sworn before me this 22nd day of February, 2011.



Notary Public

My commission expires: May 23, 2014

