Exhibit No.: Issue: Fuel Adjustment Clause Witness: Burton L. Crawford Type of Exhibit: Surrebuttal Testimony Sponsoring Party: Kansas City Power & Light Company Case No.: ER-2014-0370 Date Testimony Prepared: June 5, 2015

MISSOURI PUBLIC SERVICE COMMISSION

CASE NO.: ER-2014-0370

SURREBUTTAL TESTIMONY

OF

BURTON L. CRAWFORD

ON BEHALF OF

KANSAS CITY POWER & LIGHT COMPANY

Kansas City, Missouri June 2015

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**" Designates "Highly Confidential" Information Has Been Removed.

SURREBUTTAL TESTIMONY

OF

BURTON L. CRAWFORD

Case No. ER-2014-0370

1	Q:	Please state your name and business address.
2	A:	My name is Burton L. Crawford. My business address is 1200 Main Street, Kansas City,
3		Missouri 64105.
4	Q:	Are you the same Burton L. Crawford who pre-filed Direct and Rebuttal Testimony
5		in this matter?
6	A:	Yes, I am.
7	Q:	What is the purpose of your Surrebuttal Testimony?
8	A:	The purpose of my testimony is to respond to issues raised by the Missouri Industrial
9		Energy Consumers and the Office of Public Counsel witness James Dauphinais in his
10		Rebuttal Testimony concerning Kansas City Power & Light Company's ("KCP&L" or
11		the "Company") volume of purchased power.
12	Q:	Mr. Dauphinais concludes that KCP&L's normalized annual level of purchased
13		power obtained under purchased power agreements and from the Southwest Power
14		Pool, Inc. ("SPP") is approximately **
15		p.12, ll. 1-4). Do you agree?
16	A:	No.
17	Q:	How did Mr. Dauphinais reach this conclusion?
18	A:	Mr. Dauphinais based this conclusion on the Company's fuel modeling results presented
19		in Schedule BLC-4 of my Direct Testimony in this case.

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1 Q: Is this a correct interpretation of the modeling results presented in Schedule BLC-

- 2 4?
- 3 A: No.

4 Q: What do the modeling results in Schedule BLC-4 represent?

5 Most of the energy amounts presented in Schedule BLC-4, including the ** A: ** 6 MWh of purchased power show the results of KCP&L's normalized fuel model run in 7 this case. KCP&L's production cost model (Midas) simulates the operation of the 8 Company's generating fleet under the assumption that KCP&L's lowest cost resources 9 first go to serve KCP&L's load obligations. If energy can be purchased from the 10 wholesale market at a lower cost, it does so. The modeling results were used to 11 determine the appropriate level of fuel costs to include in the Company's cost of service 12 and not the volume or cost of purchased power.

Q: Why were the Midas production cost model purchased power results not used in the Company's cost of service for purchased power?

A: As more fully explained by Company witnesses Ryan Bresette and John Carlson, under
the SPP Integrated Marketplace that started in March 2014, KCP&L now purchases all
native load energy requirements through SPP.

18 Q: What is the Company's normalized level of purchased power included in this case?

A: In addition to purchased power costs obtained under KCP&L's purchased power
agreements, KCP&L included the cost of approximately ** MWh of
purchased power in its cost of service. This represents the normalized volume of
purchases made through the SPP Integrated Marketplace for KCP&L's native load and
firm wholesale obligations. KCP&L priced out this load at the normalized hourly SPP

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- 1 energy market prices to arrive at the cost of purchased power for KCP&L's native load
- 2 and firm wholesale obligations included in its cost of service.

3 Q: Does that conclude your Surrebuttal Testimony?

4 A: Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

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In the Matter of Kansas City Power & Light Company's Request for Authority to Implement A General Rate Increase for Electric Service

Case No. ER-2014-0370

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 Director, Energy Resource Management.

Attached hereto and made a part hereof for all purposes is my Surrebuttal 2. Testimony on behalf of Kansas City Power & Light Company consisting of three

(3) pages, having been prepared in written form for introduction into evidence in the abovecaptioned 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.

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Burton L. Crawford

day of June, 2015.

5+~ Subscribed and sworn before me this

Micol A. U. Notary Public

My commission expires: ______ Y 2019

NICOLE A. WEHRY /
Notary Public - Notary Seal
State of Missouri
Commissioned for Jackson County
My Commission Expires: February 04, 2019
Commission Number: 14391200