

Exhibit No.:
Issue: Fuel Adjustment Clause
Witness: Lisa A. Starkebaum
Type of Exhibit: Direct Testimony
Sponsoring Party: Kansas City Power & Light
Case No.: EO-2019-0222
Date Testimony Prepared: January 31, 2019

MISSOURI PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY

OF

LISA A. STARKEBAUM

DIRECT TESTIMONY

OF

LISA A. STARKEBAUM

Case No. ER-2019-0222

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

2 A: My name is Lisa A. Starkebaum. My business address is 1200 Main, Kansas
3 City, Missouri 64105.

4 **Q: By whom and in what capacity are you employed?**

5 A: I am employed by Kansas City Power & Light Company (“KCP&L”) as Manager
6 - Regulatory Affairs.

7 **Q: What are your responsibilities?**

8 A: My responsibilities include the coordination, preparation and review of financial
9 information and schedules associated with the Company’s compliance filings for
10 Westar, KCP&L and KCP&L Greater Missouri Operations Company
11 (“Company” or “GMO”).

12 **Q: Please describe your education.**

13 A: In 1994, I received a Bachelor of Science Degree in Finance from Northwest
14 Missouri State University in Maryville, Missouri.

15 **Q: Please provide your work experience.**

16 A: In 1995, I joined Cerner Corporation as an Accountant in the Finance Department
17 assisting with month-end close and reporting responsibilities. In 1997, I joined
18 Aquila, Inc. (“Aquila”) where I worked in the Financial and Regulatory Reporting
19 group as an Accountant, until joining Regulatory Accounting Services as a

1 Regulatory Analyst in 1999. I was employed by Aquila for a total of 11 years
2 prior to beginning my employment with KCP&L in July 2008 as a part of the
3 acquisition of Aquila, Inc., by Great Plains Energy Incorporated. Since that time,
4 I have held various positions with increasing responsibilities within Regulatory
5 Accounting Services and Regulatory Affairs, most recently as a Lead Regulatory
6 Analyst. As a Lead Analyst, my main areas of responsibility included the
7 preparation of FERC and jurisdictional reporting, and the preparation of rate cases
8 and rate case support for both KCP&L and GMO. In December 2015, I became a
9 Supervisor, Regulatory Affairs responsible for compliance reporting and was later
10 promoted to Manager, Regulatory Affairs effective June 2018. In my current
11 position, I am responsible for overseeing various reporting requirements to ensure
12 Westar, KCP&L and GMO are compliant with its jurisdictional rules and
13 regulations, in addition to the implementation of new reporting or commitments
14 resulting from various rate case orders and other regulatory filings. In addition, I
15 oversee the coordination, review and filing of the various rider mechanisms
16 utilized by Westar, KCP&L and GMO.

17 **Q: Have you previously testified in a proceeding before the Missouri Public**
18 **Service Commission (“MPSC” or “Commission”) or before any other utility**
19 **regulatory agency?**

20 A: Yes, I have testified before the MPSC, the Kansas Corporation Commission
21 (“KCC” or “Commission”), and have provided written testimony before the
22 Public Utilities Commission of Colorado. In addition, I have worked closely with
23 both MPSC and KCC Staff on numerous filings and rate case matters.

1 **Q: What is the purpose of your testimony?**

2 A: The purpose of my testimony is to support the fourth true-up filing being made by
3 KCP&L under the provisions in 4 CSR 240-20.090(9) and the Company's
4 approved fuel and purchased power cost recovery mechanism or FAC.

5 **Q: What is the purpose of the true-up filing?**

6 A: KCP&L's FAC tariff requires a true-up filing by the filing date of its Fuel
7 Adjustment Rate ("FAR") filing following the completion of each recovery
8 period. Per the tariff, the true-up amount shall be the difference between the
9 revenues billed and the revenues authorized for collection during the recovery
10 period as well as any corrections identified to be included in the current FAR
11 filing. The purpose of this true-up filing is to identify the amount over or under-
12 recovered from the second 12-month recovery period as well as to correct for
13 errors identified during the current accumulation period that relate to prior
14 periods.

15 **Q: Please explain the FAC process, including the accumulation, filing, recovery
16 and true-up periods.**

17 A: Each FAC begins with an accumulation period which covers a six-month period
18 in which the costs of the fuel and purchased power components net of off system
19 sales revenues contained in the FAC are accumulated and compared to the base
20 energy costs that are in rates over that same time frame. The net of the costs
21 compared to the base energy costs in the current rates is the amount to be
22 recovered or returned to customers over the recovery period. After the
23 accumulation period, KCP&L files with the Commission the Fuel Adjustment

1 Rate (“FAR”). The FAR is the rate that will be charged to customers over the
2 recovery period. The time between the accumulation period and the beginning of
3 the recovery period is three months. The recovery period for KCP&L is 12
4 months. After the recovery period, a true-up is filed which reflects all the
5 activities and summarizes the balances of the FAC. The balances will then be
6 included in the next FAR filing.

7 **Q: What was the timing of the accumulation and recovery relating to this true-**
8 **up?**

9 A: The fourth accumulation period consists of six months of fuel and purchased
10 power expenses net of off system sales revenues, or January 2017 through June
11 2017. The recovery period for this accumulation was October 2017 through
12 September 2018.

13 **Q: Why would there be a difference between the accumulated over or under-**
14 **recovery and the amount billed during the recovery period?**

15 A: The FAR is calculated based upon projected kWh sales for the recovery period.
16 Since the FAR is based on a projected number, once actual sales are recorded, a
17 difference exists between the estimate and the actual kWh’s billed. This
18 difference will be “trued-up” in the next FAC filing.

19 **Q: What was the difference between what was accumulated, including interest,**
20 **and the amount billed through the recovery mechanism?**

21 A: For this fourth accumulation period, the KCP&L FAC was over-recovered by
22 \$511,952.

23 **Q: What impact will this have on future FAC adjustment rate schedules filed?**

1 A: The proposed true-up in this filing will be included in the next semi-annual FAC
2 rate schedule filing that is being made concurrent with this true-up filing. The
3 Company's fourth FAC recovery period ended September 30, 2018; therefore, the
4 over-recovery of \$511,952 will be included in the seventh accumulation period
5 semi-annual filing and covers the accumulation period of July 2018 through
6 December 2018.

7 **Q: How did you develop the proposed true-up amount that is being requested in**
8 **this filing?**

9 A: As indicated above, the true-up amount is the net of the accumulated expenditures
10 over or under the base FAC costs as set in rates during the accumulation period
11 plus interest and any adjustments, and the amount billed during the recovery
12 period. The details associated with this calculation are filed along with this
13 testimony in Schedule LAS-1. This schedule contains a summary and all
14 supporting work papers for the calculation.

15 **Q: Is there anything additional impacting this true-up filing that should be**
16 **mentioned?**

17 A: Yes, the presentation of materials and supporting documentation provided with
18 this true-up filing has been updated to comply with the Final Order of
19 Rulemaking to amend 4 CSR 240-20.090 Fuel and Purchased Power Rate
20 Adjustment Mechanism that became effective on January 30, 2019. This true-up
21 filing follows the guidelines for the True-Ups of RAMs as provided in 4 CSR
22 240-20.090(9).

1 **Q: What action is the Company requesting from the Commission with respect to**
2 **this true-up filing?**

3 A: As provided by 4 C.S.R. 240-20.090, a true-up filing is required at least annually.
4 Pursuant to the Company's FAC tariff, the amount of the true-up will be included
5 in the next accumulation period. The Company requests that the Commission
6 approve the amount to be included in the seventh accumulation period which will
7 cover the six months ended December 2018.

8 **Q: Does this conclude your testimony?**

9 A: Yes, it does.

**Information Required By
4 CSR 240-20.090 (9)
True-Ups of RAMs**

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)
Information below for KCP&L - Missouri
9 (A) 2.A - Any revision to the calculation of the net base energy cost

None

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)

Information below for KCP&L - Missouri

9 (A) 2.B - Any other proposed adjustments or refunds not related to the calculation of the net base energy cost

None

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)
 Information below for KCP&L - Missouri

9 (A) 2.C - Calculation of the monthly amount that was over-billed or under-billed through its RAM

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
4th Accumulation												
(Over)/Under Adjustment from 1st Accum			560,544			10,411						
C/M (Over)/Under Accrued	3,866,898.57	3,662,985.24	4,045,750.07	2,513,343.81	1,179,478.47	4,678,702.81						
C/M (Over)/Under Recovery										1,658,051.14	1,471,675.92	1,657,346.15
CUMM (Over)/Under Balance	3,866,899	7,529,884	12,136,178	14,649,522	15,829,000	20,124,803	20,761,237	20,761,237	20,761,237	19,103,186	17,631,510	15,974,164
Corrections (Property Tax & Dep and Interest adjustment)					(382,900)	1,840						
Monthly STD rate	0.17%	0.17%	0.18%	0.19%	0.19%	0.20%						
C/M Accrued interest (P/M Bal)	90,288.37	94,055.98	103,961.82	110,922.62	111,530.04	113,424.37						
CUMM Accrued Interest Balance	90,288	184,344	288,306	399,229	510,759	624,183						
5th Accumulation												
(Over)/Under Adjustment from 2nd Accum												
C/M (Over)/Under Accrued							2,919,866.00	2,470,949.54	3,155,611.76	3,604,610.35	3,565,710.20	3,121,556.65
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance							2,919,866.00	5,362,080.54	9,871,553.90	13,476,164.25	17,041,874.45	20,163,431.10
Correction (Transmission & Interest)							(28,735)					(1)
Monthly STD rate							0.21%	0.21%	0.21%	0.21%	0.21%	0.23%
C/M Accrued interest (P/M Bal)							117,115.71	113,170.35	107,822.18	104,664.30	104,655.02	111,707.84
CUMM Accrued Interest Balance							117,116	230,286	338,108	442,773	547,428	659,135
6th Accumulation												
(Over)/Under Adjustment from 3rd Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
Correction (Dec 2017 Base)												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
7th Accumulation												
(Over)/Under Adjustment from 4th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												

Kansas City Power & Light Company - Missouri FAC
 Information below for KCP&L - Missouri

9 (A) 2.C - Calculation of the monthly amount that
 was over-billed or under-billed through its RAM

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
4th Accumulation	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18			
(Over)/Under Adjustment from 1st Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery	1,934,712.06	1,740,829.88	1,594,870.71	1,745,274.89	1,561,975.76	1,854,756.25	2,127,578.51	2,003,937.44	1,922,180.32			
CUMM (Over)/Under Balance	14,039,452	12,298,622	10,703,752	8,958,477	7,396,501	5,541,745	3,414,166	1,410,229	(511,952)			
Corrections (Property Tax & Dep and Interest adjustment)												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
5th Accumulation	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
(Over)/Under Adjustment from 2nd Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery				1,768,889.22	1,581,946.54	1,879,426.17	2,155,619.68	2,030,447.48	1,947,681.26	1,677,231.17	1,414,131.58	1,773,130.29
CUMM (Over)/Under Balance	20,822,566	20,822,566	20,822,566	19,053,676	17,471,730	15,592,304	13,436,684	11,406,236	9,458,555	7,781,324	6,367,192	4,594,062
Correction (Transmission & Interest)												
Monthly STD rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
6th Accumulation	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
(Over)/Under Adjustment from 3rd Accum			1,955,524									
C/M (Over)/Under Accrued	4,035,205.70	1,861,349.90	5,630,652.81	5,791,718.26	1,584,294.77	4,154,290.60				2,059,649.76	1,736,944.15	2,177,823.04
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance	4,035,205.70	5,906,188.30	13,492,365.12	19,284,083.38	20,868,378.16	25,022,668.75	25,727,065	25,727,065	25,727,065	23,667,415	21,930,471	19,752,648
Correction (Dec 2017 Base)												
Monthly STD rate	0.23%	0.24%	0.25%	0.26%	0.27%	0.28%						
C/M Accrued interest (P/M Bal)	111,101.09	111,104.88	111,355.21	118,174.04	126,123.30	126,537.95						
CUMM Accrued Interest Balance	111,101	222,206	333,561	451,735	577,859	704,396						
7th Accumulation							Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
(Over)/Under Adjustment from 4th Accum									(511,952)			
C/M (Over)/Under Accrued							1,708,938.28	1,666,211.15	1,993,430.15	831,897.87	2,055,723.93	303,087.38
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance							1,708,938.28	3,375,149.43	4,856,627.95	5,688,525.82	7,744,249.75	8,047,337.13
Monthly STD rate							0.28%	0.28%	0.29%	0.30%	0.30%	0.31%
C/M Accrued interest (P/M Bal)							128,084.89	122,526.96	119,817.56	116,614.38	110,483.36	111,129.23
CUMM Accrued Interest Balance							128,085	250,612	370,429	487,044	597,527	708,656

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)

Information below for KCP&L Total Company

9 (A) 2.D (I) - Explanation of how short-term borrowing rate was determined

Interest rates for borrowings under the revolving credit facility for Kansas City Power & Light Company (KCPL) were priced according to the below pricing schedule effective January 2017 through September 18, 2018, the date the credit facility was renegotiated. Specific rates are set based upon the type of borrowing requested (Eurodollar advance or Floating Rate Advance), the credit rating and the term of the borrowing.

Pricing	≥A-/A3 Level I Status	BBB+/Baa1 Level II Status	BBB/Baa2 Level III Status	BBB-/Baa3 Level IV Status	BB+/Ba1 Level V Status	≤BB/Ba2 Level VI Status
<i>Applicable Margin for Eurodollar Advances and Letter of Credit Fee Rate</i>	1.13%	1.25%	1.50%	1.75%	2.00%	2.25%
<i>Commitment Fee Rate</i>	0.13%	0.18%	0.23%	0.28%	0.38%	0.50%
<i>Applicable Margin for Floating Rate Advances</i>	0.13%	0.25%	0.50%	0.75%	1.00%	1.25%

KCPL utilizes a commercial paper program as its primary source of short term funding as opposed to borrowing under its revolving credit facility. KCPL issues commercial paper on virtually a daily basis through three independent dealers and interest rates are determined by the financial markets based upon market rates, KCPL's Commercial Paper rating, the amount of funding requested and the term.

	Q4 2016		Q1 2017		Q2 2017	
	Moody's	Standard & Poors	Moody's	Standard & Poors	Moody's	Standard & Poors
KCPL						
Senior Secured Debt	A2	A	A2	A	A2	A
Commercial Paper	P-2	A-2	P-2	A-2	P-2	A-2

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)

Information below for KCP&L Total Company

9 (A) 2.D (II) - Calculation of the short-term borrowing rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Sunday	January 1, 2017	0.7717%	1.2500%		2.0217%		
Monday	January 2, 2017	0.7717%	1.2500%		2.0217%		
Tuesday	January 3, 2017	0.7733%	1.2500%		2.0233%		
Wednesday	January 4, 2017	0.7656%	1.2500%		2.0156%		
Thursday	January 5, 2017	0.7656%	1.2500%		2.0156%		
Friday	January 6, 2017	0.7633%	1.2500%		2.0133%		
Saturday	January 7, 2017	0.7633%	1.2500%		2.0133%		
Sunday	January 8, 2017	0.7633%	1.2500%		2.0133%		
Monday	January 9, 2017	0.7633%	1.2500%		2.0133%		
Tuesday	January 10, 2017	0.7650%	1.2500%		2.0150%		
Wednesday	January 11, 2017	0.7672%	1.2500%		2.0172%		
Thursday	January 12, 2017	0.7672%	1.2500%		2.0172%		
Friday	January 13, 2017	0.7683%	1.2500%		2.0183%		
Saturday	January 14, 2017	0.7683%	1.2500%		2.0183%		
Sunday	January 15, 2017	0.7683%	1.2500%		2.0183%		
Monday	January 16, 2017	0.7678%	1.2500%		2.0178%		
Tuesday	January 17, 2017	0.7694%	1.2500%		2.0194%		
Wednesday	January 18, 2017	0.7767%	1.2500%		2.0267%		
Thursday	January 19, 2017	0.7764%	1.2500%		2.0264%		
Friday	January 20, 2017	0.7753%	1.2500%		2.0253%		
Saturday	January 21, 2017	0.7753%	1.2500%		2.0253%		
Sunday	January 22, 2017	0.7753%	1.2500%		2.0253%		
Monday	January 23, 2017	0.7711%	1.2500%		2.0211%		
Tuesday	January 24, 2017	0.7733%	1.2500%		2.0233%		
Wednesday	January 25, 2017	0.7761%	1.2500%		2.0261%		
Thursday	January 26, 2017	0.7761%	1.2500%		2.0261%		
Friday	January 27, 2017	0.7783%	1.2500%		2.0283%		
Saturday	January 28, 2017	0.7783%	1.2500%		2.0283%		
Sunday	January 29, 2017	0.7783%	1.2500%		2.0283%		
Monday	January 30, 2017	0.7800%	1.2500%		2.0300%	Average	Monthly Rate
Tuesday	January 31, 2017	0.7794%	1.2500%		2.0294%	2.02%	0.17%
Wednesday	February 1, 2017	0.7800%	1.2500%		2.0300%		
Thursday	February 2, 2017	0.7767%	1.2500%		2.0267%		
Friday	February 3, 2017	0.7756%	1.2500%		2.0256%		
Saturday	February 4, 2017	0.7756%	1.2500%		2.0256%		
Sunday	February 5, 2017	0.7756%	1.2500%		2.0256%		
Monday	February 6, 2017	0.7753%	1.2500%		2.0253%		
Tuesday	February 7, 2017	0.7728%	1.2500%		2.0228%		
Wednesday	February 8, 2017	0.7717%	1.2500%		2.0217%		
Thursday	February 9, 2017	0.7706%	1.2500%		2.0206%		
Friday	February 10, 2017	0.7711%	1.2500%		2.0211%		
Saturday	February 11, 2017	0.7711%	1.2500%		2.0211%		
Sunday	February 12, 2017	0.7711%	1.2500%		2.0211%		
Monday	February 13, 2017	0.7700%	1.2500%		2.0200%		
Tuesday	February 14, 2017	0.7700%	1.2500%		2.0200%		
Wednesday	February 15, 2017	0.7722%	1.2500%		2.0222%		
Thursday	February 16, 2017	0.7806%	1.2500%		2.0306%		
Friday	February 17, 2017	0.7794%	1.2500%		2.0294%		
Saturday	February 18, 2017	0.7794%	1.2500%		2.0294%		
Sunday	February 19, 2017	0.7794%	1.2500%		2.0294%		
Monday	February 20, 2017	0.7772%	1.2500%		2.0272%		
Tuesday	February 21, 2017	0.7794%	1.2500%		2.0294%		
Wednesday	February 22, 2017	0.7794%	1.2500%		2.0294%		
Thursday	February 23, 2017	0.7783%	1.2500%		2.0283%		
Friday	February 24, 2017	0.7806%	1.2500%		2.0306%		
Saturday	February 25, 2017	0.7806%	1.2500%		2.0306%		
Sunday	February 26, 2017	0.7806%	1.2500%		2.0306%		
Monday	February 27, 2017	0.7844%	1.2500%		2.0344%	Average	Monthly Rate
Tuesday	February 28, 2017	0.7889%	1.2500%		2.0389%	2.03%	0.17%

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)

Information below for KCP&L Total Company

9 (A) 2.D (II) - Calculation of the short-term borrowing rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Wednesday	March 1, 2017	0.8106%	1.2500%		2.0606%		
Thursday	March 2, 2017	0.8300%	1.2500%		2.0800%		
Friday	March 3, 2017	0.8344%	1.2500%		2.0844%		
Saturday	March 4, 2017	0.8344%	1.2500%		2.0844%		
Sunday	March 5, 2017	0.8344%	1.2500%		2.0844%		
Monday	March 6, 2017	0.8467%	1.2500%		2.0967%		
Tuesday	March 7, 2017	0.8544%	1.2500%		2.1044%		
Wednesday	March 8, 2017	0.8578%	1.2500%		2.1078%		
Thursday	March 9, 2017	0.8814%	1.2500%		2.1314%		
Friday	March 10, 2017	0.8906%	1.2500%		2.1406%		
Saturday	March 11, 2017	0.8906%	1.2500%		2.1406%		
Sunday	March 12, 2017	0.8906%	1.2500%		2.1406%		
Monday	March 13, 2017	0.9122%	1.2500%		2.1622%		
Tuesday	March 14, 2017	0.9283%	1.2500%		2.1783%		
Wednesday	March 15, 2017	0.9428%	1.2500%		2.1928%		
Thursday	March 16, 2017	0.9783%	1.2500%		2.2283%		
Friday	March 17, 2017	0.9761%	1.2500%		2.2261%		
Saturday	March 18, 2017	0.9761%	1.2500%		2.2261%		
Sunday	March 19, 2017	0.9761%	1.2500%		2.2261%		
Monday	March 20, 2017	0.9772%	1.2500%		2.2272%		
Tuesday	March 21, 2017	0.9772%	1.2500%		2.2272%		
Wednesday	March 22, 2017	0.9839%	1.2500%		2.2339%		
Thursday	March 23, 2017	0.9817%	1.2500%		2.2317%		
Friday	March 24, 2017	0.9828%	1.2500%		2.2328%		
Saturday	March 25, 2017	0.9828%	1.2500%		2.2328%		
Sunday	March 26, 2017	0.9828%	1.2500%		2.2328%		
Monday	March 27, 2017	0.9822%	1.2500%		2.2322%		
Tuesday	March 28, 2017	0.9822%	1.2500%		2.2322%		
Wednesday	March 29, 2017	0.9822%	1.2500%		2.2322%		
Thursday	March 30, 2017	0.9828%	1.2500%		2.2328%	Average	Monthly Rate
Friday	March 31, 2017	0.9828%	1.2500%		2.2328%	2.18%	0.18%
Saturday	April 1, 2017	0.9828%	1.2500%		2.2328%		
Sunday	April 2, 2017	0.9828%	1.2500%		2.2328%		
Monday	April 3, 2017	0.9833%	1.2500%		2.2333%		
Tuesday	April 4, 2017	0.9861%	1.2500%		2.2361%		
Wednesday	April 5, 2017	0.9856%	1.2500%		2.2356%		
Thursday	April 6, 2017	0.9894%	1.2500%		2.2394%		
Friday	April 7, 2017	0.9900%	1.2500%		2.2400%		
Saturday	April 8, 2017	0.9900%	1.2500%		2.2400%		
Sunday	April 9, 2017	0.9900%	1.2500%		2.2400%		
Monday	April 10, 2017	0.9883%	1.2500%		2.2383%		
Tuesday	April 11, 2017	0.9900%	1.2500%		2.2400%		
Wednesday	April 12, 2017	0.9939%	1.2500%		2.2439%		
Thursday	April 13, 2017	0.9944%	1.2500%		2.2444%		
Friday	April 14, 2017	0.9944%	1.2500%		2.2444%		
Saturday	April 15, 2017	0.9944%	1.2500%		2.2444%		
Sunday	April 16, 2017	0.9944%	1.2500%		2.2444%		
Monday	April 17, 2017	0.9944%	1.2500%		2.2444%		
Tuesday	April 18, 2017	0.9928%	1.2500%		2.2428%		
Wednesday	April 19, 2017	0.9911%	1.2500%		2.2411%		
Thursday	April 20, 2017	0.9883%	1.2500%		2.2383%		
Friday	April 21, 2017	0.9906%	1.2500%		2.2406%		
Saturday	April 22, 2017	0.9906%	1.2500%		2.2406%		
Sunday	April 23, 2017	0.9906%	1.2500%		2.2406%		
Monday	April 24, 2017	0.9911%	1.2500%		2.2411%		
Tuesday	April 25, 2017	0.9922%	1.2500%		2.2422%		
Wednesday	April 26, 2017	0.9928%	1.2500%		2.2428%		
Thursday	April 27, 2017	0.9950%	1.2500%		2.2450%		
Friday	April 28, 2017	0.9950%	1.2500%		2.2450%		
Saturday	April 29, 2017	0.9950%	1.2500%		2.2450%	Average	Monthly Rate
Sunday	April 30, 2017	0.9950%	1.2500%		2.2450%	2.24%	0.19%

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)

Information below for KCP&L Total Company

9 (A) 2.D (II) - Calculation of the short-term borrowing rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Monday	May 1, 2017	0.9828%	1.2500%		2.2328%		
Tuesday	May 2, 2017	0.9928%	1.2500%		2.2428%		
Wednesday	May 3, 2017	0.9917%	1.2500%		2.2417%		
Thursday	May 4, 2017	0.9928%	1.2500%		2.2428%		
Friday	May 5, 2017	0.9944%	1.2500%		2.2444%		
Saturday	May 6, 2017	0.9944%	1.2500%		2.2444%		
Sunday	May 7, 2017	0.9944%	1.2500%		2.2444%		
Monday	May 8, 2017	0.9941%	1.2500%		2.2441%		
Tuesday	May 9, 2017	0.9886%	1.2500%		2.2386%		
Wednesday	May 10, 2017	0.9886%	1.2500%		2.2386%		
Thursday	May 11, 2017	0.9891%	1.2500%		2.2391%		
Friday	May 12, 2017	0.9924%	1.2500%		2.2424%		
Saturday	May 13, 2017	0.9924%	1.2500%		2.2424%		
Sunday	May 14, 2017	0.9924%	1.2500%		2.2424%		
Monday	May 15, 2017	1.0008%	1.2500%		2.2508%		
Tuesday	May 16, 2017	0.9991%	1.2500%		2.2491%		
Wednesday	May 17, 2017	1.0036%	1.2500%		2.2536%		
Thursday	May 18, 2017	1.0099%	1.2500%		2.2599%		
Friday	May 19, 2017	1.0171%	1.2500%		2.2671%		
Saturday	May 20, 2017	1.0171%	1.2500%		2.2671%		
Sunday	May 21, 2017	1.0171%	1.2500%		2.2671%		
Monday	May 22, 2017	1.0294%	1.2500%		2.2794%		
Tuesday	May 23, 2017	1.0236%	1.2500%		2.2736%		
Wednesday	May 24, 2017	1.0327%	1.2500%		2.2827%		
Thursday	May 25, 2017	1.0438%	1.2500%		2.2938%		
Friday	May 26, 2017	1.0447%	1.2500%		2.2947%		
Saturday	May 27, 2017	1.0447%	1.2500%		2.2947%		
Sunday	May 28, 2017	1.0447%	1.2500%		2.2947%		
Monday	May 29, 2017	1.0447%	1.2500%		2.2947%		
Tuesday	May 30, 2017	1.0505%	1.2500%		2.3005%	Average	Monthly Rate
Wednesday	May 31, 2017	1.0603%	1.2500%		2.3103%	2.26%	0.19%
Thursday	June 1, 2017	1.0759%	1.2500%		2.3259%		
Friday	June 2, 2017	1.0862%	1.2500%		2.3362%		
Saturday	June 3, 2017	1.0862%	1.2500%		2.3362%		
Sunday	June 4, 2017	1.0862%	1.2500%		2.3362%		
Monday	June 5, 2017	1.0842%	1.2500%		2.3342%		
Tuesday	June 6, 2017	1.0887%	1.2500%		2.3387%		
Wednesday	June 7, 2017	1.0960%	1.2500%		2.3460%		
Thursday	June 8, 2017	1.1171%	1.2500%		2.3671%		
Friday	June 9, 2017	1.1271%	1.2500%		2.3771%		
Saturday	June 10, 2017	1.1271%	1.2500%		2.3771%		
Sunday	June 11, 2017	1.1271%	1.2500%		2.3771%		
Monday	June 12, 2017	1.1393%	1.2500%		2.3893%		
Tuesday	June 13, 2017	1.1589%	1.2500%		2.4089%		
Wednesday	June 14, 2017	1.1717%	1.2500%		2.4217%		
Thursday	June 15, 2017	1.2094%	1.2500%		2.4594%		
Friday	June 16, 2017	1.2122%	1.2500%		2.4622%		
Saturday	June 17, 2017	1.2122%	1.2500%		2.4622%		
Sunday	June 18, 2017	1.2122%	1.2500%		2.4622%		
Monday	June 19, 2017	1.2139%	1.2500%		2.4639%		
Tuesday	June 20, 2017	1.2156%	1.2500%		2.4656%		
Wednesday	June 21, 2017	1.2156%	1.2500%		2.4656%		
Thursday	June 22, 2017	1.2161%	1.2500%		2.4661%		
Friday	June 23, 2017	1.2200%	1.2500%		2.4700%		
Saturday	June 24, 2017	1.2200%	1.2500%		2.4700%		
Sunday	June 25, 2017	1.2200%	1.2500%		2.4700%		
Monday	June 26, 2017	1.2221%	1.2500%		2.4721%		
Tuesday	June 27, 2017	1.2238%	1.2500%		2.4738%		
Wednesday	June 28, 2017	1.2261%	1.2500%		2.4761%		
Thursday	June 29, 2017	1.2272%	1.2500%		2.4772%	Average	Monthly Rate
Friday	June 30, 2017	1.2239%	1.2500%		2.4739%	2.42%	0.20%

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)

Information below for KCP&L Total Company

9 (A) 2.D (III) - Identification of any changes in the basis used for determining the short-term borrowing rate

9 (A) 2.D (IV) - If change, copies of the changed basis or identification of where it may be reviewed

None

Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)
Information below for KCP&L - Missouri
9 (A) 2.E - Any additional information that the commission has ordered

None

9 (A) 3
Workpapers

**Kansas City Power & Light Company - Missouri Fuel Adjustment Clause (FAC)
Section 9 True-Ups of RAMs**

Summary

4th Accumulation

Accumulation Period: January 1, 2017 through June 30, 2017

Recovery Period: October 1, 2017 through September 30, 2018

	<u>KCPL</u>	
4th Accumulation	\$ 19,947,159	ER-2018-0036
True-Up Amount (T)	195,397	ER-2018-0036
Interest (I)	618,681	ER-2018-0036
Prudence Adjustment Amount (P)	-	ER-2018-0036
Fuel and Purchased Power Adjustment (FPA)	20,761,237	ER-2018-0036
4th Accumulation Recovery	<u>(21,273,189)</u>	
Proposed Adjustment for (Over)/Under Recovery	\$ (511,952)	
Adjustment/Correction to Current Accumulation - 7th Accumulation	-	correction, see 9 (A) 2.B
Adjustment/Correction to Current Accumulation - 7th Accumulation	-	correction interest, see 9 (A) 2.B
Total Proposed True-Up Amount (T) for 7th Accumulation	<u><u>\$ (511,952)</u></u>	

KCP&L Missouri FAC Accumulation

	Residential	Commercial	Industrial	Streetlights	Total
Jan-17	\$ 1,473,259	\$ 1,661,412	\$ 712,328	\$ 19,900	\$ 3,866,899
Feb-17	1,233,232	1,662,170	747,180	20,403	3,662,985
Mar-17	1,156,503	1,909,694	955,179	24,374	4,045,750
Apr-17	757,881	1,158,250	581,422	15,791	2,513,344
May-17	371,590	527,566	273,882	6,440	1,179,478
Jun-17	1,851,159	1,970,076	835,447	22,021	4,678,703
Total	\$ 6,843,624	\$ 8,889,167	\$ 4,105,440	\$ 108,928	\$ 19,947,159

KCP&L Missouri FAC Recovery

Total	Recovery											Total Recovered	
	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18		Sep-18
Residential	460,007	385,868	496,642	689,822	588,239	496,441	536,288	434,052	607,446	773,764	685,755	633,917	6,788,243
Commercial	880,832	760,498	859,149	947,937	871,225	850,164	814,267	1,004,767	917,279	1,027,761	996,860	952,181	10,882,922
Industrial	303,287	311,225	287,460	282,981	267,159	234,163	378,983	113,206	311,643	311,868	306,791	321,572	3,430,338
Streetlights	13,925	14,084	14,095	13,972	14,207	14,102	15,737	9,950	18,388	14,186	14,531	14,511	171,687
Total	1,658,051	1,471,676	1,657,346	1,934,712	1,740,830	1,594,871	1,745,275	1,561,976	1,854,756	2,127,579	2,003,937	1,922,180	21,273,189

Primary voltage

Commercial	172,631	146,510	159,932	169,526	158,866	149,285	192,084	142,083	176,670	196,768	193,927	177,548	2,035,830
Industrial	125,074	121,654	122,754	123,574	114,433	122,386	263,390	53,738	137,682	129,677	132,374	131,498	1,578,235
Total	297,705	268,164	282,685	293,100	273,298	271,672	455,474	195,822	314,352	326,445	326,301	309,047	3,614,065

Current Period CAF	0.00240	36.1%	Current Period CAF	0.00244	50.4%
Previous Period CAF	0.00425	63.9%	Previous Period CAF	0.00240	49.6%
Annual CAF	0.00665		Annual CAF	0.00484	
Current Period CAF %	36.090%		Previous Period CAF %	49.587%	

Trans/Sub voltage

Commercial	5,208	4,681	4,545	5,734	4,552	3,993	5,925	-	11,327	6,262	5,626	5,255	63,108
Industrial	123,869	138,478	110,885	108,455	102,046	57,984	54,053	9,526	120,398	123,436	119,445	133,103	1,201,677
Total	129,077	143,159	115,429	114,189	106,597	61,977	59,978	9,526	131,725	129,697	125,071	138,358	1,264,785

Current Period CAF	0.00234	35.5%	Current Period CAF	0.00238	50.4%
Previous Period CAF	0.00425	64.5%	Previous Period CAF	0.00234	49.6%
Annual CAF	0.00659		Annual CAF	0.00472	
Current Period CAF %	35.508%		Previous Period CAF %	49.576%	

Secondary voltage

Residential	460,007	385,868	496,642	689,822	588,239	496,441	536,288	434,052	607,446	773,764	685,755	633,917	6,788,243
Commercial	702,993	609,308	694,673	772,676	707,808	696,886	616,258	862,684	729,282	824,731	797,308	769,378	8,783,984
Industrial	54,344	51,093	53,822	50,952	50,681	53,793	61,540	49,942	53,562	58,756	54,971	56,970	650,426
Streetlights	13,925	14,084	14,095	13,972	14,207	14,102	15,737	9,950	18,388	14,186	14,531	14,511	171,687
Total	1,231,269	1,060,353	1,259,232	1,527,423	1,360,934	1,261,222	1,229,823	1,356,628	1,408,679	1,671,436	1,552,565	1,474,775	16,394,339

Current Period CAF	0.00246	36.1%	Current Period CAF	0.00249	50.3%
Previous Period CAF	0.00436	63.9%	Previous Period CAF	0.00246	49.7%
Annual CAF	0.00682		Annual CAF	0.00495	
Current Period CAF %	36.070%		Previous Period CAF %	49.697%	