

Exhibit No.:
Issue: Fuel Adjustment Clause
Witness: Lisa A. Starkebaum
Type of Exhibit: Direct Testimony
Sponsoring Party: KCP&L Greater Missouri Operations Company
Case No.: ER-2018-____
Date Testimony Prepared: June 29, 2018

MISSOURI PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY

OF

LISA A. STARKEBAUM

DIRECT TESTIMONY

OF

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Case No. ER-2018-___

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 both KCP&L and KCP&L Greater Missouri Operations Company (“Company” or
11 “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 KCP&L and GMO are compliant with its jurisdictional rules and regulations, in
13 addition to the implementation of new reporting or commitments resulting from
14 various rate case orders and other regulatory filings. In addition, I oversee the
15 coordination, review and filing of the various rider mechanisms utilized by both
16 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 issues.

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

2 A: The purpose of my testimony is to support the 19th true-up filing being made by
3 GMO under the provisions in 4 CSR 240-20.090(4) and (5) 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: GMO'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 19th 12-month recovery period.

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

15 A: Each FAC begins with an accumulation period which covers a six-month period
16 in which the costs of the fuel and purchased power components net of off system
17 sales revenues contained in the FAC are accumulated and compared to the base
18 energy costs that are in rates over that same time frame. The net of the costs
19 compared to the base energy costs in current rates is the amount to be recovered
20 or returned to customers over the recovery period. After the accumulation period,
21 GMO files with the Commission the Fuel Adjustment Rate ("FAR"). The FAR is
22 the rate that will be charged to customers over the recovery period. The time
23 between the accumulation period and the beginning of the recovery period is three

1 months. The recovery period for GMO is 12 months. After the recovery period, a
2 true-up is filed which reflects all the activities and summarizes the balances of the
3 FAC. The balances will then be included in the next FAR filing.

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

6 A: The accumulation period went from June 2016 through November 2016. The
7 recovery period for that accumulation was March 2017 through February 2018. In
8 Schedule LAS-1, you will notice that there are accumulation amounts for MPS
9 and L&P, but only recovery amounts for GMO. Accumulation amounts were
10 accounted for under the previous FAC tariffs effective per Case No. ER-2012-
11 0175, tariff Sheet No's 124-127 through February 21, 2017. Effective February
12 22, 2017, per Case No. ER-2016-0156, the MPS and L&P rate jurisdictions were
13 combined into one consolidated GMO rate structure. Therefore, the GMO
14 recovery amounts cover the 19th recovery period of March 2017 through February
15 2018. In this filing, individual MPS and L&P designations have been removed
16 from Schedule LAS-1, the "GMO FAC Balance and Interest" worksheet as the
17 information is now reflected in total.

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

20 A: The FAR is calculated based upon projected kWh sales for the recovery period.
21 Since the FAR is based on a projected number, once actual sales are recorded, a
22 difference exists between the estimate and the actual kWh billed. This difference
23 will be "trued-up" in the next FAC filing.

1 **Q: What was the difference between what was accumulated, along with interest,**
2 **and the amount billed through the recovery mechanism?**

3 A: The GMO FAC was under-collected by \$136,957.

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

5 A: The true-up amount identified in this true-up filing will be included in the next
6 semi-annual FAC rate schedule filing. Since the Company's 19th FAC recovery
7 period ended February 2018, the above under-recovery will be included in the
8 22nd accumulation period semi-annual filing to be made on or before June 29,
9 2018 covering the accumulation period of December 2017 through May 2018.

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

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

18 **Q: Are there any additional adjustments included in this true-up filing?**

19 A: No.

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

22 A: As provided by 4 C.S.R. 240-20.090(5), a true-up filing is required at least
23 annually. Pursuant to the Company's FAC tariff, the amount of the true-up will

1 be included in the next accumulation period. The Company requests that the
2 Commission approve the amount to be included in the 22nd accumulation period
3 which will cover the six months ended May 2018.

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

5 A: Yes, it does.

**Information Required By
4 CSR 240-3.161 (8)
Annual True-up of FAC for KCP&L GMO
Summary**

19th Accumulation

Accumulation Period: June 1, 2016 through November 30, 2016

Recovery Period: March 1, 2017 through February 28, 2018

	<u>MPS</u>	<u>L&P</u>	<u>GMO</u>	<u>Total</u>
19th Accumulation	\$ 3,324,599	\$ (961,248)	\$ -	\$ 2,363,350
Interest Filed	(91,091)	(45,920)		(137,011)
16th True-up (T) Amount	(62,799)	(6,580)		(69,380)
Adj/Corr included in 19th Accumulation	(83,287)	(181,887)		(265,174)
19th Accumulation Recovery			(1,754,828)	(1,754,828)
Proposed Adjustment for (Over)/Under Recovery				\$ 136,957
Adjustment/Correction to Current Accumulation - 22nd Accumulation			-	-
Total Proposed True-Up Amount (T) for 22nd Accumulation				\$ 136,957

Short-Term Borrowing Rate:

	Annual	Monthly
Jun-16	1.7026%	0.14%
Jul-16	1.7328%	0.14%
Aug-16	1.7631%	0.15%
Sep-16	1.7769%	0.15%
Oct-16	1.7813%	0.15%
Nov-16	1.8126%	0.15%

MPS Accumulation

	Residential	Commercial	Industrial	Streetlights	Gov't-Other	Total Retail	Wholesale	Total
Jun-16	456,664	302,230	99,736	2,642	53,185	\$ 914,457	3,851	\$ 918,308
Jul-16	558,795	366,688	118,022	3,055	63,960	\$ 1,110,520	7,334	1,117,854
Aug-16	(117,101)	(79,740)	(23,072)	(657)	(14,193)	\$ (234,763)	(926)	(235,689)
Sep-16	40,303	33,292	11,672	305	6,349	\$ 91,921	640	92,561
Oct-16	311,340	316,155	110,325	3,116	57,600	\$ 798,535	3,485	802,020
Nov-16	255,294	250,083	92,404	2,521	43,627	\$ 643,929	2,593	646,521
Total	\$ 1,505,295	\$ 1,188,709	\$ 409,086	\$ 10,982	\$ 210,528	\$ 3,324,599	\$ 16,977	\$ 3,341,575

	Secondary	Primary	
NSI by Voltage	3,448,362,000	2,919,496,917	528,865,083
Secondary/Primary Distribution		84.66%	15.34%
Accumulation by Voltage	\$ 2,829,087.76	\$ 512,487.52	\$ 3,341,575

Base Energy by Voltage Level :

CIS+ Secondary Customers	2,747,121,690
CIS+ Primary Customers - MO716	172,800
CIS+ Primary Customers - MO725	24,785,239
CIS+ Primary Customers - MO735	446,107,733
CIS+ Primary Customers - MO737	10,078,892
Total CIS+	3,228,266,354
Total Wholesale Billings (Primary)	16,422,870
Other kWh (unbilled, co use, losses)	203,672,776
Total kWh	3,448,362,000

L&P Accumulation

	Residential	Commercial	Industrial	Streetlights	Gov't-Other	Total Retail
Jun-16	(157,443)	(155,876)	(128,729)	(1,959)	\$ -	\$ (444,005)
Jul-16	(105,717)	(99,581)	(73,435)	(1,305)	-	(280,038)
Aug-16	12,837	13,583	9,922	159	-	36,502
Sep-16	(29,078)	(35,816)	(26,781)	(498)	-	(92,173)
Oct-16	(26,217)	(36,321)	(32,621)	(527)	-	(95,685)
Nov-16	(24,793)	(33,625)	(26,960)	(470)	-	(85,849)
Total	\$ (330,410)	\$ (347,635)	\$ (278,604)	\$ (4,600)	\$ -	\$ (961,248)

		Secondary	Primary	
NSI by Voltage	1,126,759,000	975,493,893	151,265,107	
Secondary/Primary Distribution		86.58%	13.42%	
Accumulation by Voltage		(832,203)	(129,046)	(961,248)

Base Energy by Voltage Level:

CIS+ Secondary Customers	897,472,183
CIS+ Primary Customers - MO938	4,977,276
CIS+ Primary Customers - MO939	9,360
CIS+ Primary Customers - MO945	67,361,977
CIS+ Primary Customers - MO946	38,717,567
CIS+ Primary Customers - MO947	27,878,338
Total CIS+ (CS5005Y)	1,036,416,701
Other kWh (unbilled, co use, losses)	90,342,299
Total kwh	1,126,759,000

KCP&L GMO Recovery

Total	Recovery												Total Recovered
	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	
Residential	(55,870)	(47,009)	(45,989)	(60,453)	(79,263)	(79,311)	(62,564)	(56,424)	(50,754)	(58,683)	(90,888)	(73,191)	(760,400)
Commercial	(49,463)	(47,011)	(42,273)	(64,821)	(61,543)	(60,096)	(56,589)	(56,943)	(48,212)	(50,182)	(60,521)	(49,395)	(647,051)
Industrial	(25,003)	(23,452)	(21,323)	(26,088)	(24,904)	(24,040)	(19,199)	(25,745)	(22,083)	(20,992)	(23,107)	(19,928)	(275,866)
Gov't-Other	(6,840)	(6,592)	(7,190)	(2,882)	(6,284)	(6,609)	(6,399)	(6,513)	(5,338)	(5,450)	(5,972)	(5,443)	(71,511)
Total	(137,176)	(124,064)	(116,774)	(154,244)	(171,994)	(170,057)	(144,752)	(145,625)	(126,387)	(135,308)	(180,489)	(147,957)	(1,754,828)

Primary voltage

Residential													-
Commercial	(6,034)	(6,459)	(3,518)	(5,466)	(2,498)	(4,519)	(8,996)	(9,405)	(7,691)	(8,408)	(9,139)	(7,178)	(79,312)
Industrial	(9,937)	(8,489)	(6,688)	(9,128)	(7,716)	(8,090)	(10,723)	(10,231)	(10,089)	(9,261)	(9,578)	(8,872)	(108,800)
Gov't-Other	(1,748)	(1,945)	(2,193)	2,255	(916)	(882)	(857)	(802)	(547)	(457)	(484)	(453)	(9,032)
Total	(17,720)	(16,893)	(12,399)	(12,340)	(11,130)	(13,491)	(20,576)	(20,438)	(18,327)	(18,126)	(19,202)	(16,503)	(197,143)

Current Period CAF	0.00022	-12.22%	Current Period CAF	0.00023	51.1%
Previous Period CAF	(0.00202)	112.2%	Previous Period CAF	0.00022	48.9%
Annual CAF	(0.00180)		Annual CAF	0.00045	
Previous Period CAF %	-12.22%		Previous Period CAF %	48.89%	

Total Primary before recovery period split

Commercial	49,373	52,845	28,781	44,725	20,436	36,970	(18,401)	(19,238)	(15,732)	(17,198)	(18,694)	(14,682)	129,184
Industrial	81,301	69,456	54,719	74,687	63,127	66,189	(21,933)	(20,927)	(20,636)	(18,943)	(19,591)	(18,147)	289,304
Gov't-Other	14,305	15,913	17,944	(18,447)	7,498	7,218	(1,753)	(1,641)	(1,120)	(935)	(991)	(927)	37,065
Total	144,980	138,214	101,444	100,965	91,060	110,377	(42,087)	(41,806)	(37,488)	(37,076)	(39,276)	(33,756)	455,553

Secondary voltage

Residential	(55,870)	(47,009)	(45,989)	(60,453)	(79,263)	(79,311)	(62,564)	(56,424)	(50,754)	(58,683)	(90,888)	(73,191)	(760,400)
Commercial	(43,429)	(40,552)	(38,755)	(59,355)	(59,045)	(55,577)	(47,593)	(47,538)	(40,521)	(41,774)	(51,382)	(42,217)	(567,739)
Industrial	(15,067)	(14,963)	(14,635)	(16,960)	(17,188)	(15,951)	(8,477)	(15,515)	(11,994)	(11,732)	(13,529)	(11,056)	(167,066)
Gov't-Other	(5,091)	(4,647)	(4,996)	(5,136)	(5,367)	(5,727)	(5,542)	(5,710)	(4,791)	(4,993)	(5,488)	(4,990)	(62,479)
Total	(119,456)	(107,171)	(104,376)	(141,904)	(160,865)	(156,566)	(124,176)	(125,187)	(108,060)	(117,182)	(161,287)	(131,454)	(1,557,685)

Current Period CAF	0.00022	-11.89%	Current Period CAF	0.00024	52.2%
Previous Period CAF	(0.00207)	111.9%	Previous Period CAF	0.00022	47.8%
Annual CAF	(0.00185)		Annual CAF	0.00046	
Previous Period CAF %	-11.89%		Previous Period CAF %	47.83%	

*The consolidation of the MPS and L&P rate districts was established as ordered by the Commission in Rate Case No. ER-2016-0156, effective February 22,2017.

**KCP&L GMO
FAC BALANCE BY RECOVERY PERIOD
WITH INTEREST CALCULATION**

	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
	← 19th Accumulation period →					Filing and Approval			← →			
19th Accumulation	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
(Over)/Under Adjustment from 16th Accum			(69,379.93)									
C/M (Over)/Under Accrued	470,451.27	830,482.59	(198,261.21)	(251.90)	702,849.78	558,079.77	-	-	-	-	-	-
C/M (Over)/Under Recovery	-	-	-	-	-	-	-	-	-	137,176.10	124,063.98	116,774.25
CUMM (Over)/Under Balance	470,451	1,300,934	1,033,293	1,033,041	1,735,891	2,293,970	1,891,785	1,891,785	1,891,785	1,754,609	1,630,545	1,513,771
BPF transmission true-up	-	-	-	-	-	(265,174)	-	-	-	-	-	-
Monthly Short Term Debt Rate rate	0.14%	0.14%	0.15%	0.15%	0.15%	0.15%						
C/M Accrued interest (P/M Bal)	(19,813.94)	(25,859.19)	(24,683.59)	(24,851.72)	(22,343.52)	(19,459.25)						
CUMM Accrued Interest Balance	(19,814)	(45,673)	(70,357)	(95,208)	(117,552)	(137,011)						
							← 20th Accumulation period →					
20th Accumulation							Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
(Over)/Under Adjustment from 17th Accum									(57,080.65)			
C/M (Over)/Under Accrued							1,151,715.11	(236,661.27)	294,749.02	111,408.18	1,899,486.19	(1,176,466.42)
C/M (Over)/Under Recovery							-	-	-	-	-	-
CUMM (Over)/Under Balance							1,151,715	915,054	1,152,722	1,264,130	3,163,617	1,987,150
Monthly Short Term Debt Rate rate							0.16%	0.17%	0.17%	0.18%	0.19%	0.19%
C/M Accrued interest (P/M Bal)							(18,157.70)	(14,929.04)	(12,533.99)	(10,372.16)	(8,303.94)	(2,843.13)
CUMM Accrued Interest Balance							(18,158)	(33,087)	(45,621)	(55,993)	(64,297)	(67,140)
21st Accumulation												
(Over)/Under Adjustment from 18th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
Monthly Short Term Debt Rate rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
22nd Accumulation												
(Over)/Under Adjustment from 19th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
Monthly Short Term Debt Rate rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												

Kansas City Power & Light Company - GMO
Short Term Debt Rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Wednesday	June 1, 2016	0.4696%	1.2500%		1.7196%		
Thursday	June 2, 2016	0.4631%	1.2500%		1.7131%		
Friday	June 3, 2016	0.4648%	1.2500%		1.7148%		
Saturday	June 4, 2016	0.4648%	1.2500%		1.7148%		
Sunday	June 5, 2016	0.4648%	1.2500%		1.7148%		
Monday	June 6, 2016	0.4471%	1.2500%		1.6971%		
Tuesday	June 7, 2016	0.4458%	1.2500%		1.6958%		
Wednesday	June 8, 2016	0.4453%	1.2500%		1.6953%		
Thursday	June 9, 2016	0.4471%	1.2500%		1.6971%		
Friday	June 10, 2016	0.4466%	1.2500%		1.6966%		
Saturday	June 11, 2016	0.4466%	1.2500%		1.6966%		
Sunday	June 12, 2016	0.4466%	1.2500%		1.6966%		
Monday	June 13, 2016	0.4421%	1.2500%		1.6921%		
Tuesday	June 14, 2016	0.4423%	1.2500%		1.6923%		
Wednesday	June 15, 2016	0.4461%	1.2500%		1.6961%		
Thursday	June 16, 2016	0.4481%	1.2500%		1.6981%		
Friday	June 17, 2016	0.4478%	1.2500%		1.6978%		
Saturday	June 18, 2016	0.4478%	1.2500%		1.6978%		
Sunday	June 19, 2016	0.4478%	1.2500%		1.6978%		
Monday	June 20, 2016	0.4481%	1.2500%		1.6981%		
Tuesday	June 21, 2016	0.4508%	1.2500%		1.7008%		
Wednesday	June 22, 2016	0.4521%	1.2500%		1.7021%		
Thursday	June 23, 2016	0.4533%	1.2500%		1.7033%		
Friday	June 24, 2016	0.4493%	1.2500%		1.6993%		
Saturday	June 25, 2016	0.4493%	1.2500%		1.6993%		
Sunday	June 26, 2016	0.4493%	1.2500%		1.6993%		
Monday	June 27, 2016	0.4588%	1.2500%		1.7088%		
Tuesday	June 28, 2016	0.4603%	1.2500%		1.7103%		
Wednesday	June 29, 2016	0.4666%	1.2500%		1.7166%	Average	Monthly Rate
Thursday	June 30, 2016	0.4651%	1.2500%		1.7151%	1.7026%	0.14%
Friday	July 1, 2016	0.4676%	1.2500%		1.7176%		
Saturday	July 2, 2016	0.4676%	1.2500%		1.7176%		
Sunday	July 3, 2016	0.4676%	1.2500%		1.7176%		
Monday	July 4, 2016	0.4696%	1.2500%		1.7196%		
Tuesday	July 5, 2016	0.4703%	1.2500%		1.7203%		
Wednesday	July 6, 2016	0.4726%	1.2500%		1.7226%		
Thursday	July 7, 2016	0.4743%	1.2500%		1.7243%		
Friday	July 8, 2016	0.4758%	1.2500%		1.7258%		
Saturday	July 9, 2016	0.4758%	1.2500%		1.7258%		
Sunday	July 10, 2016	0.4758%	1.2500%		1.7258%		
Monday	July 11, 2016	0.4779%	1.2500%		1.7279%		
Tuesday	July 12, 2016	0.4794%	1.2500%		1.7294%		
Wednesday	July 13, 2016	0.4814%	1.2500%		1.7314%		
Thursday	July 14, 2016	0.4821%	1.2500%		1.7321%		
Friday	July 15, 2016	0.4833%	1.2500%		1.7333%		
Saturday	July 16, 2016	0.4833%	1.2500%		1.7333%		
Sunday	July 17, 2016	0.4833%	1.2500%		1.7333%		
Monday	July 18, 2016	0.4866%	1.2500%		1.7366%		
Tuesday	July 19, 2016	0.4853%	1.2500%		1.7353%		
Wednesday	July 20, 2016	0.4874%	1.2500%		1.7374%		
Thursday	July 21, 2016	0.4879%	1.2500%		1.7379%		
Friday	July 22, 2016	0.4904%	1.2500%		1.7404%		
Saturday	July 23, 2016	0.4904%	1.2500%		1.7404%		
Sunday	July 24, 2016	0.4904%	1.2500%		1.7404%		
Monday	July 25, 2016	0.4909%	1.2500%		1.7409%		
Tuesday	July 26, 2016	0.4927%	1.2500%		1.7427%		
Wednesday	July 27, 2016	0.4957%	1.2500%		1.7457%		
Thursday	July 28, 2016	0.4939%	1.2500%		1.7439%		
Friday	July 29, 2016	0.4959%	1.2500%		1.7459%		
Saturday	July 30, 2016	0.4959%	1.2500%		1.7459%	Average	Monthly Rate
Sunday	July 31, 2016	0.4959%	1.2500%		1.7459%	1.7328%	0.14%

Kansas City Power & Light Company - GMO
Short Term Debt Rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Monday	August 1, 2016	0.4939%	1.2500%		1.7439%		
Tuesday	August 2, 2016	0.4939%	1.2500%		1.7439%		
Wednesday	August 3, 2016	0.4969%	1.2500%		1.7469%		
Thursday	August 4, 2016	0.4984%	1.2500%		1.7484%		
Friday	August 5, 2016	0.5039%	1.2500%		1.7539%		
Saturday	August 6, 2016	0.5039%	1.2500%		1.7539%		
Sunday	August 7, 2016	0.5039%	1.2500%		1.7539%		
Monday	August 8, 2016	0.5119%	1.2500%		1.7619%		
Tuesday	August 9, 2016	0.5132%	1.2500%		1.7632%		
Wednesday	August 10, 2016	0.5177%	1.2500%		1.7677%		
Thursday	August 11, 2016	0.5077%	1.2500%		1.7577%		
Friday	August 12, 2016	0.5067%	1.2500%		1.7567%		
Saturday	August 13, 2016	0.5067%	1.2500%		1.7567%		
Sunday	August 14, 2016	0.5067%	1.2500%		1.7567%		
Monday	August 15, 2016	0.5074%	1.2500%		1.7574%		
Tuesday	August 16, 2016	0.5074%	1.2500%		1.7574%		
Wednesday	August 17, 2016	0.5141%	1.2500%		1.7641%		
Thursday	August 18, 2016	0.5124%	1.2500%		1.7624%		
Friday	August 19, 2016	0.5211%	1.2500%		1.7711%		
Saturday	August 20, 2016	0.5211%	1.2500%		1.7711%		
Sunday	August 21, 2016	0.5211%	1.2500%		1.7711%		
Monday	August 22, 2016	0.5222%	1.2500%		1.7722%		
Tuesday	August 23, 2016	0.5244%	1.2500%		1.7744%		
Wednesday	August 24, 2016	0.5199%	1.2500%		1.7699%		
Thursday	August 25, 2016	0.5238%	1.2500%		1.7738%		
Friday	August 26, 2016	0.5244%	1.2500%		1.7744%		
Saturday	August 27, 2016	0.5244%	1.2500%		1.7744%		
Sunday	August 28, 2016	0.5244%	1.2500%		1.7744%		
Monday	August 29, 2016	0.5244%	1.2500%		1.7744%		
Tuesday	August 30, 2016	0.5232%	1.2500%		1.7732%	Average	Monthly Rate
Wednesday	August 31, 2016	0.5249%	1.2500%		1.7749%	1.7631%	0.15%
Thursday	September 1, 2016	0.5229%	1.2500%		1.7729%		
Friday	September 2, 2016	0.5257%	1.2500%		1.7757%		
Saturday	September 3, 2016	0.5257%	1.2500%		1.7757%		
Sunday	September 4, 2016	0.5257%	1.2500%		1.7757%		
Monday	September 5, 2016	0.5193%	1.2500%		1.7693%		
Tuesday	September 6, 2016	0.5166%	1.2500%		1.7666%		
Wednesday	September 7, 2016	0.5132%	1.2500%		1.7632%		
Thursday	September 8, 2016	0.5182%	1.2500%		1.7682%		
Friday	September 9, 2016	0.5269%	1.2500%		1.7769%		
Saturday	September 10, 2016	0.5269%	1.2500%		1.7769%		
Sunday	September 11, 2016	0.5269%	1.2500%		1.7769%		
Monday	September 12, 2016	0.5277%	1.2500%		1.7777%		
Tuesday	September 13, 2016	0.5243%	1.2500%		1.7743%		
Wednesday	September 14, 2016	0.5296%	1.2500%		1.7796%		
Thursday	September 15, 2016	0.5309%	1.2500%		1.7809%		
Friday	September 16, 2016	0.5318%	1.2500%		1.7818%		
Saturday	September 17, 2016	0.5318%	1.2500%		1.7818%		
Sunday	September 18, 2016	0.5318%	1.2500%		1.7818%		
Monday	September 19, 2016	0.5362%	1.2500%		1.7862%		
Tuesday	September 20, 2016	0.5431%	1.2500%		1.7931%		
Wednesday	September 21, 2016	0.5463%	1.2500%		1.7963%		
Thursday	September 22, 2016	0.5253%	1.2500%		1.7753%		
Friday	September 23, 2016	0.5222%	1.2500%		1.7722%		
Saturday	September 24, 2016	0.5222%	1.2500%		1.7722%		
Sunday	September 25, 2016	0.5222%	1.2500%		1.7722%		
Monday	September 26, 2016	0.5244%	1.2500%		1.7744%		
Tuesday	September 27, 2016	0.5267%	1.2500%		1.7767%		
Wednesday	September 28, 2016	0.5244%	1.2500%		1.7744%		
Thursday	September 29, 2016	0.5272%	1.2500%		1.7772%	Average	Monthly Rate
Friday	September 30, 2016	0.5311%	1.2500%		1.7811%	1.7769%	0.15%

Kansas City Power & Light Company - GMO
Short Term Debt Rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Saturday	October 1, 2016	0.5311%	1.2500%		1.7811%		
Sunday	October 2, 2016	0.5311%	1.2500%		1.7811%		
Monday	October 3, 2016	0.5283%	1.2500%		1.7783%		
Tuesday	October 4, 2016	0.5272%	1.2500%		1.7772%		
Wednesday	October 5, 2016	0.5257%	1.2500%		1.7757%		
Thursday	October 6, 2016	0.5296%	1.2500%		1.7796%		
Friday	October 7, 2016	0.5290%	1.2500%		1.7790%		
Saturday	October 8, 2016	0.5290%	1.2500%		1.7790%		
Sunday	October 9, 2016	0.5290%	1.2500%		1.7790%		
Monday	October 10, 2016	0.5296%	1.2500%		1.7796%		
Tuesday	October 11, 2016	0.5307%	1.2500%		1.7807%		
Wednesday	October 12, 2016	0.5346%	1.2500%		1.7846%		
Thursday	October 13, 2016	0.5346%	1.2500%		1.7846%		
Friday	October 14, 2016	0.5357%	1.2500%		1.7857%		
Saturday	October 15, 2016	0.5357%	1.2500%		1.7857%		
Sunday	October 16, 2016	0.5357%	1.2500%		1.7857%		
Monday	October 17, 2016	0.5279%	1.2500%		1.7779%		
Tuesday	October 18, 2016	0.5257%	1.2500%		1.7757%		
Wednesday	October 19, 2016	0.5246%	1.2500%		1.7746%		
Thursday	October 20, 2016	0.5240%	1.2500%		1.7740%		
Friday	October 21, 2016	0.5340%	1.2500%		1.7840%		
Saturday	October 22, 2016	0.5340%	1.2500%		1.7840%		
Sunday	October 23, 2016	0.5340%	1.2500%		1.7840%		
Monday	October 24, 2016	0.5340%	1.2500%		1.7840%		
Tuesday	October 25, 2016	0.5359%	1.2500%		1.7859%		
Wednesday	October 26, 2016	0.5348%	1.2500%		1.7848%		
Thursday	October 27, 2016	0.5343%	1.2500%		1.7843%		
Friday	October 28, 2016	0.5327%	1.2500%		1.7827%		
Saturday	October 29, 2016	0.5327%	1.2500%		1.7827%		
Sunday	October 30, 2016	0.5327%	1.2500%		1.7827%	Average	Monthly Rate
Monday	October 31, 2016	0.5338%	1.2500%		1.7838%	1.7813%	0.15%
Tuesday	November 1, 2016	0.5304%	1.2500%		1.7804%		
Wednesday	November 2, 2016	0.5320%	1.2500%		1.7820%		
Thursday	November 3, 2016	0.5326%	1.2500%		1.7826%		
Friday	November 4, 2016	0.5353%	1.2500%		1.7853%		
Saturday	November 5, 2016	0.5353%	1.2500%		1.7853%		
Sunday	November 6, 2016	0.5353%	1.2500%		1.7853%		
Monday	November 7, 2016	0.5353%	1.2500%		1.7853%		
Tuesday	November 8, 2016	0.5370%	1.2500%		1.7870%		
Wednesday	November 9, 2016	0.5364%	1.2500%		1.7864%		
Thursday	November 10, 2016	0.5382%	1.2500%		1.7882%		
Friday	November 11, 2016	0.5382%	1.2500%		1.7882%		
Saturday	November 12, 2016	0.5382%	1.2500%		1.7882%		
Sunday	November 13, 2016	0.5382%	1.2500%		1.7882%		
Monday	November 14, 2016	0.5421%	1.2500%		1.7921%		
Tuesday	November 15, 2016	0.5501%	1.2500%		1.8001%		
Wednesday	November 16, 2016	0.5546%	1.2500%		1.8046%		
Thursday	November 17, 2016	0.5618%	1.2500%		1.8118%		
Friday	November 18, 2016	0.5660%	1.2500%		1.8160%		
Saturday	November 19, 2016	0.5660%	1.2500%		1.8160%		
Sunday	November 20, 2016	0.5660%	1.2500%		1.8160%		
Monday	November 21, 2016	0.5678%	1.2500%		1.8178%		
Tuesday	November 22, 2016	0.5842%	1.2500%		1.8342%		
Wednesday	November 23, 2016	0.5920%	1.2500%		1.8420%		
Thursday	November 24, 2016	0.6026%	1.2500%		1.8526%		
Friday	November 25, 2016	0.6059%	1.2500%		1.8559%		
Saturday	November 26, 2016	0.6059%	1.2500%		1.8559%		
Sunday	November 27, 2016	0.6059%	1.2500%		1.8559%		
Monday	November 28, 2016	0.6056%	1.2500%		1.8556%		
Tuesday	November 29, 2016	0.6167%	1.2500%		1.8667%	Average	Monthly Rate
Wednesday	November 30, 2016	0.6237%	1.2500%		1.8737%	1.8126%	0.15%