

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-2017-\_\_\_\_  
Date Testimony Prepared: June 30, 2017

**MISSOURI PUBLIC SERVICE COMMISSION**

**DIRECT TESTIMONY**

**OF**

**LISA A. STARKEBAUM**



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**Case No. ER-2017-\_\_\_\_**

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  
6       Supervisor - 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 I  
4 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. In my  
10 current position, I am responsible for overseeing the various reporting  
11 requirements to ensure KCP&L and GMO are compliant with its jurisdictional  
12 rules and regulations, in addition to the implementation of new reporting or  
13 commitments resulting from various rate case orders and other regulatory filings.

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

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

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

1 A: The purpose of my testimony is to support the 17th true-up filing being made by  
2 GMO under the provisions in 4 CSR 240-20.090(4) and (5) and the Company's  
3 approved fuel and purchased power cost recovery mechanism or FAC.

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

5 A: GMO's FAC tariff requires a true-up filing by the filing date of its Fuel  
6 Adjustment Rate ("FAR") filing following the completion of each recovery  
7 period. Per the tariff, the true-up amount shall be the difference between the  
8 revenues billed and the revenues authorized for collection during the recovery  
9 period as well as any corrections identified to be included in the current FAR  
10 filing. The purpose of this true-up filing is to identify the amount over or under-  
11 recovered from the 17th 12-month recovery period.

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

14 A: Each FAC begins with an accumulation period which covers a six-month period  
15 in which the costs of the fuel and purchased power components net of off system  
16 sales revenues contained in the FAC are accumulated and compared to the base  
17 energy costs that are in rates over that same time frame. The net of the costs  
18 compared to the base energy costs in the current rates is the amount to be  
19 recovered or returned to customers over the recovery period. After the  
20 accumulation period, GMO files with the Commission the Fuel Adjustment Rate  
21 ("FAR"). The FAR is the rate that will be charged to customers over the recovery  
22 period. The time between the accumulation period and the beginning of the  
23 recovery period is three months. The recovery period for GMO is 12 months.

1 After the recovery period, a true-up is filed which reflects all the activities and  
2 summarizes the balances of the FAC. The balances will then be included in the  
3 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 1, 2015 through November 30, 2015.  
7 The recovery period for that accumulation was March 1, 2016 through February  
8 28, 2017. In Schedule LAS-1, you will notice that there are recovery amounts for  
9 MPS, L&P and GMO. Recovery amounts were accounted for under the previous  
10 FAC tariffs effective per Case No. ER-2012-0175, tariff Sheet No's 124-127  
11 through February 21, 2017. Effective February 22, 2017, per Case No. ER-2016-  
12 0156, the MPS and L&P rate districts were combined into one consolidated GMO  
13 rate structure. Therefore, the GMO recovery amounts cover the period of  
14 February 22 through February 28, 2017. In this filing, individual MPS and L&P  
15 designations have been removed from Schedule LAS-1, the "GMO FAC Balance  
16 and Interest" worksheet as the information is now reflected in total.

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

19 A: The FAR is calculated based upon projected kWh sales for the recovery period.  
20 Since the FAR is based on a projected number, once actual sales are recorded, a  
21 difference exists between the estimate and the actual kWh billed. This difference  
22 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 over-collected by \$57,081.

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 17th FAC recovery  
7         period ended February 28, 2017, the above over-recovery will be included in the  
8         20<sup>th</sup> Accumulation Period semi-annual filing to be made on or before June 30,  
9         2017 covering the accumulation period of December 1, 2016 through May 31,  
10        2017.

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

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

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

20   A:     No.

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

1 A: As provided by 4 C.S.R. 240-20.090(5), a true-up filing is required at least  
2 annually. Pursuant to the Company's FAC tariff, the amount of the true-up will  
3 be included in the next accumulation period. The Company requests that the  
4 Commission approve the amount to be included in the next accumulation period  
5 which will cover the six months ended May 31, 2017.

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

7 A: Yes, it does.



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

**17th Accumulation**

**Accumulation Period: June 1, 2015 through November 30, 2015**

**Recovery Period: March 1, 2016 through February 28, 2017**

	<u>MPS</u>	<u>L&amp;P</u>	<u>GMO</u>	<u>Total</u>	
<b>17th Accumulation</b>	\$ (1,381,187)	\$ (1,237,051)	\$ -	\$ (2,618,238)	
Interest Filed	80,628	11,126		91,754	
14th True-up (T) Amount	867,009	138,762		1,005,771	
17th Accumulation Recovery	407,500	1,032,807	23,325	1,463,632	
Adjustment/Correction	-	-	-	-	
Proposed True-Up Amount (T) for 20th Accumulation				<u>\$ (57,081)</u>	over recovered

**Short-Term Borrowing Rate:**

	Annual	Monthly
Jun-15	1.4357%	0.12%
Jul-15	1.4382%	0.12%
Aug-15	1.4466%	0.12%
Sep-15	1.4505%	0.12%
Oct-15	1.4445%	0.12%
Nov-15	1.4588%	0.12%

## MPS Accumulation

	Residential	Commercial	Industrial	Streetlights	Gov't-Other	Total Retail	Wholesale	Total
<b>Jun-15</b>	(130,366)	(98,168)	(35,184)	(904)	(17,323)	\$ (281,944)	(1,227) \$	(283,171)
<b>Jul-15</b>	949,134	626,657	215,925	5,720	107,540	\$ 1,904,976	8,881	1,913,857
<b>Aug-15</b>	(20,387)	(14,533)	(4,704)	(134)	(2,805)	\$ (42,563)	(223)	(42,787)
<b>Sep-15</b>	(706,716)	(608,883)	(152,043)	(5,881)	(166,907)	\$ (1,640,430)	(8,109)	(1,648,539)
<b>Oct-15</b>	(489,820)	(515,033)	(244,302)	(5,594)	(39,837)	\$ (1,294,585)	(6,215)	(1,300,801)
<b>Nov-15</b>	(11,017)	(9,844)	(3,902)	(117)	(1,761)	\$ (26,640)	(183)	(26,824)
<b>Total</b>	\$ (409,172)	\$ (619,803)	\$ (224,210)	\$ (6,909)	\$ (121,093)	<b>\$ (1,381,187)</b>	\$ (7,077)	\$ (1,388,264)

		Secondary	Primary	
NSI by Voltage	3,329,120,995	2,841,983,901	487,137,094	
Secondary/Primary Distribution		85.37%	14.63%	
Accumulation by Voltage		\$ (1,185,124.97)	\$ (203,139.20)	\$ (1,388,264)

### Base Energy by Voltage Level :

CIS+ Secondary Customers	2,627,170,050
CIS+ Primary Customers - MO716	174,716
CIS+ Primary Customers - MO725	13,202,258
CIS+ Primary Customers - MO735	409,768,518
CIS+ Primary Customers - MO737	10,719,962

Total CIS+	3,061,035,506
Other kWh (unbilled, co use, losses)	252,292,028
Total Wholesale Billings (Primary)	15,793,461
Total kwh	3,329,120,995

## L&P Accumulation

	Residential	Commercial	Industrial	Streetlights	Gov't-Other	Total Retail
Jun-15	(363,179)	(416,063)	(329,877)	(5,374)	\$ -	\$ (1,114,492)
Jul-15	110,162	111,115	87,222	1,403	-	309,902
Aug-15	(47,011)	(48,581)	(39,208)	(662)	-	(135,460)
Sep-15	164,225	202,060	159,574	2,714	-	528,573
Oct-15	(145,878)	(205,015)	(190,344)	(3,156)	-	(544,393)
Nov-15	(91,818)	(97,933)	(89,720)	(1,709)	-	(281,180)
<b>Total</b>	<b>\$ (373,499)</b>	<b>\$ (454,416)</b>	<b>\$ (402,352)</b>	<b>\$ (6,783)</b>	<b>\$ -</b>	<b>\$ (1,237,051)</b>

		Secondary	Primary	
NSI by Voltage	1,110,859,000	953,858,633	157,000,367	
Secondary/Primary Distribution		85.87%	14.13%	
Accumulation by Voltage		(1,062,215)	(174,835)	(1,237,051)

### Base Energy by Voltage Level:

CIS+ Secondary Customers	871,720,475
CIS+ Primary Customers - MO938	4,326,527
CIS+ Primary Customers - MO939	425,589
CIS+ Primary Customers - MO945	68,876,013
CIS+ Primary Customers - MO946	39,713,462
CIS+ Primary Customers - MO947	29,878,977
<b>Total CIS+ (CS5005Y)</b>	<b>1,014,941,043</b>
Other kWh (unbilled, co use, losses)	95,917,957
<b>Total kwh</b>	<b>1,110,859,000</b>

## MPS Recovery

Total	Recovery												Total Recovered
	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17*	
Residential	13,792	11,450	10,043	15,105	22,155	22,148	19,196	14,390	11,239	15,362	19,952	12,641	187,473
Commercial	10,943	10,870	10,842	12,516	15,328	14,311	14,033	12,808	11,491	11,725	12,638	8,425	145,930
Industrial	4,071	3,929	3,768	4,289	4,402	4,372	4,522	4,276	4,131	3,769	3,663	1,710	46,901
Gov't-Other	1,852	2,031	2,083	2,375	2,662	2,677	2,755	2,491	2,110	2,306	2,312	1,540	27,196
<b>Total</b>	<b>30,658</b>	<b>28,279</b>	<b>26,736</b>	<b>34,287</b>	<b>44,547</b>	<b>43,508</b>	<b>40,506</b>	<b>33,966</b>	<b>28,971</b>	<b>33,162</b>	<b>38,565</b>	<b>24,316</b>	<b>407,500</b>

### Primary voltage

Residential	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	1,136	1,150	1,174	1,252	(28,645)	1,563	1,621	1,520	1,500	1,418	1,446	1,240	(13,625)
Industrial	2,616	2,497	2,374	2,766	2,799	2,774	2,901	2,663	2,706	685	2,344	725	27,852
Gov't-Other	580	596	616	824	892	876	863	730	583	2,407	636	478	10,079
<b>Total</b>	<b>4,332</b>	<b>4,242</b>	<b>4,165</b>	<b>4,842</b>	<b>(24,954)</b>	<b>5,213</b>	<b>5,384</b>	<b>4,913</b>	<b>4,789</b>	<b>4,510</b>	<b>4,426</b>	<b>2,443</b>	<b>24,306</b>

Current Period CAF	(0.00007)	Current Period CAF	(0.00203)
Previous Period CAF	(0.00017)	Previous Period CAF	(0.00007)
Annual CAF	(0.00024)	Annual CAF	(0.00210)
Previous Period CAF %	29.1666667%	Previous Period CAF %	3.3333333%

### Total Primary before recovery period split

Commercial	3,895	3,944	4,025	4,293	(98,211)	5,358	48,622	45,589	45,000	42,543	43,371	37,198	185,628
Industrial	8,971	8,559	8,141	9,484	9,598	9,510	87,035	79,902	81,178	20,556	70,328	21,747	415,010
Gov't-Other	1,989	2,042	2,114	2,825	3,057	3,005	25,875	21,886	17,485	72,202	19,078	14,335	185,892
<b>Total</b>	<b>14,854</b>	<b>14,546</b>	<b>14,280</b>	<b>16,602</b>	<b>(85,556)</b>	<b>17,873</b>	<b>161,532</b>	<b>147,377</b>	<b>143,664</b>	<b>135,300</b>	<b>132,777</b>	<b>73,280</b>	<b>786,530</b>

### Secondary voltage

Residential	13,792	11,450	10,043	15,105	22,155	22,148	19,196	14,390	11,239	15,362	19,952	12,641	187,473
Commercial	9,806	9,719	9,668	11,264	43,973	12,749	12,412	11,288	9,991	10,307	11,192	7,185	159,555
Industrial	1,454	1,432	1,394	1,523	1,603	1,598	1,621	1,613	1,425	3,084	1,318	985	19,049
Gov't-Other	1,272	1,435	1,467	1,552	1,770	1,801	1,893	1,762	1,527	(101)	1,677	1,063	17,117
<b>Total</b>	<b>26,325</b>	<b>24,036</b>	<b>22,571</b>	<b>29,444</b>	<b>69,500</b>	<b>38,295</b>	<b>35,122</b>	<b>29,053</b>	<b>24,182</b>	<b>28,652</b>	<b>34,140</b>	<b>21,874</b>	<b>383,194</b>

Current Period CAF	(0.00007)	Current Period CAF	(0.00209)
Previous Period CAF	(0.00017)	Previous Period CAF	(0.00007)
Annual CAF	(0.00024)	Annual CAF	(0.00216)
Previous Period CAF %	29.1666667%	Previous Period CAF %	3.2407407%

\*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.

## L&P Recovery

Total	Recovery												Total Recovered
	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17*	
Residential	29,514	23,458	19,159	25,407	36,927	36,721	30,741.79	24,955	20,990	33,725	45,425	28,903	355,925
Commercial	33,913	24,088	22,358	31,561	35,211	35,632	34,549	32,375	23,898	36,938	33,500	25,442	369,465
Industrial	23,976	21,224	27,483	26,566	26,624	27,037	25,237	26,932	23,528	26,405	24,902	22,454	302,367
Gov't-Other	197	709	448	447	453	435	449	451	195	724	206	337	5,051
<b>Total</b>	<b>87,600</b>	<b>69,479</b>	<b>69,447</b>	<b>83,980</b>	<b>99,214</b>	<b>99,825</b>	<b>90,976</b>	<b>84,713</b>	<b>68,611</b>	<b>97,792</b>	<b>104,033</b>	<b>77,137</b>	<b>1,032,807</b>

### Primary voltage

Residential	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	4,846	4,635	4,472	5,134	5,684	5,762	5,685	5,338	2,836	6,526	5,069	4,778	60,766
Industrial	5,627	2,800	9,097	6,528	6,607	6,214	6,154	6,476	5,869	5,949	6,297	5,606	73,224
Gov't-Other	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>10,474</b>	<b>7,435</b>	<b>13,568</b>	<b>11,662</b>	<b>12,292</b>	<b>11,976</b>	<b>11,838</b>	<b>11,814</b>	<b>8,705</b>	<b>12,476</b>	<b>11,366</b>	<b>10,384</b>	<b>133,990</b>

Current Period CAF	(0.00051)	Current Period CAF	(0.00198)
Previous Period CAF	(0.00013)	Previous Period CAF	(0.00051)
Annual CAF	(0.00064)	Annual CAF	(0.00249)
Previous Period CAF %	79.6875000%	Previous Period CAF %	20.4819277%

### Total Primary before recovery period split

Commercial	6,082	5,817	5,612	6,442	7,133	7,231	27,755	26,060	13,847	31,864	24,751	23,326	185,920
Industrial	7,062	3,514	11,415	8,192	8,292	7,797	30,044	31,618	28,656	29,046	30,744	27,372	223,752
Gov't-Other	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>13,144</b>	<b>9,330</b>	<b>17,027</b>	<b>14,634</b>	<b>15,425</b>	<b>15,029</b>	<b>57,799</b>	<b>57,678</b>	<b>42,502</b>	<b>60,911</b>	<b>55,495</b>	<b>50,699</b>	<b>409,672</b>

### Secondary voltage

Residential	29,514	23,458	19,159	25,407	36,927	36,721	30,742	24,955	20,990	33,725	45,425	28,903	355,925
Commercial	29,067	19,453	17,886	26,427	29,527	29,870	28,864	27,038	21,062	30,412	28,430	20,665	308,700
Industrial	18,349	18,424	18,386	20,038	20,016	20,823	19,084	20,456	17,658	20,455	18,605	16,848	229,143
Gov't-Other	197	709	448	447	453	435	449	451	195	724	206	337	5,051
<b>Total</b>	<b>77,126</b>	<b>62,044</b>	<b>55,879</b>	<b>72,318</b>	<b>86,923</b>	<b>87,850</b>	<b>79,138</b>	<b>72,900</b>	<b>59,906</b>	<b>85,316</b>	<b>92,666</b>	<b>66,753</b>	<b>898,818</b>

Current Period CAF	(0.00052)	Current Period CAF	(0.00203)
Previous Period CAF	(0.00013)	Previous Period CAF	(0.00052)
Annual CAF	(0.00065)	Annual CAF	(0.00255)
Previous Period CAF %	80.0000000%	Previous Period CAF %	20.3921569%

\*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 Recovery

Total	Recovery		Total
		Feb-17*	Recovered
Residential		9,443	9,443
Commercial		7,785	7,785
Industrial		4,645	4,645
Gov't-Other		1,453	1,453
Total		23,325	23,325

## Primary voltage

Residential	-		-
Commercial	46		46
Industrial	3,771		3,771
Gov't-Other	248		248
<b>Total</b>	<b>4,065</b>		<b>4,065</b>

Current Period CAF	Current Period CAF	(0.00202)	91.8%
Previous Period CAF	Previous Period CAF	(0.00018)	8.2%
Annual CAF	Annual CAF	(0.00220)	
Previous Period CAF %	Previous Period CAF %	8.1818182%	

## Total Primary before recovery period split

Commercial	562		562
Industrial	46,096		46,096
Gov't-Other	3,031		3,031
<b>Total</b>	<b>49,689</b>		<b>49,689</b>

## Secondary voltage

Residential	9,443		9,443
Commercial	7,739		7,739
Industrial	874		874
Gov't-Other	1,205		1,205
<b>Total</b>	<b>19,260</b>		<b>19,260</b>

Current Period CAF	Current Period CAF	(0.00207)	91.6%
Previous Period CAF	Previous Period CAF	(0.00019)	8.4%
Annual CAF	Annual CAF	(0.00226)	
Previous Period CAF %	Previous Period CAF %	8.4070796%	

\*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-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
	←		<b>17th Accumulation period</b>			→		<b>Filing and Approval</b>		←		
<b>17th Accumulation</b>	<b>Jun-15</b>	<b>Jul-15</b>	<b>Aug-15</b>	<b>Sep-15</b>	<b>Oct-15</b>	<b>Nov-15</b>	<b>Dec-15</b>	<b>Jan-16</b>	<b>Feb-16</b>	<b>Mar-16</b>	<b>Apr-16</b>	<b>May-16</b>
(Over)/Under Adjustment from 14th Accum			<b>1,005,770.56</b>									
C/M (Over)/Under Accrued	(1,396,436.34)	2,214,877.75	(178,023.63)	(1,111,857.18)	(1,838,978.01)	(307,820.30)	-	-	-	-	-	-
C/M (Over)/Under Recovery	-	-	-	-	-	-	-	-	-	(118,257.38)	(97,757.65)	(96,183.12)
CUMM (Over)/Under Balance	(1,396,436)	818,441	1,646,188	534,331	(1,304,647)	(1,612,467)	(1,520,713)	(1,520,713)	(1,520,713)	(1,402,456)	(1,304,698)	(1,208,515)
Remand Ordered	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Short Term Debt Rate rate	<b>0.12%</b>	<b>0.12%</b>	<b>0.12%</b>	<b>0.12%</b>	<b>0.12%</b>	<b>0.12%</b>						
C/M Accrued interest (P/M Bal)	26,264.55	20,578.80	18,144.41	12,457.83	9,063.10	5,245.35	-	-	-	-	-	-
CUMM Accrued Interest Balance	26,265	46,843	64,988	77,446	86,509	91,754	-	-	-	-	-	-
Annual True-up												
							←		<b>18th Accumulation period</b>		→	
<b>18th Accumulation</b>							<b>Dec-15</b>	<b>Jan-16</b>	<b>Feb-16</b>	<b>Mar-16</b>	<b>Apr-16</b>	<b>May-16</b>
(Over)/Under Adjustment from 15th Accum									<b>573,643.67</b>			
C/M (Over)/Under Accrued							(2,903,361.85)	(2,801,287.39)	(1,574,672.20)	(2,654,978.90)	(1,249,814.29)	(1,729,900.50)
C/M (Over)/Under Recovery							-	-	-	-	-	-
CUMM (Over)/Under Balance							(2,903,362)	(5,704,649)	(6,705,678)	(9,360,657)	(10,610,471)	(12,340,371)
Crossroads transmission true-up							-	-	-	-	-	(4,591,333)
Monthly Short Term Debt Rate rate							<b>0.13%</b>	<b>0.14%</b>	<b>0.14%</b>	<b>0.14%</b>	<b>0.14%</b>	<b>0.14%</b>
C/M Accrued interest (P/M Bal)							3,784.12	(1,965.76)	(8,126.04)	(12,574.53)	(16,011.31)	(17,512.56)
CUMM Accrued Interest Balance							3,784	1,818	(6,308)	(18,882)	(34,894)	(52,406)
Annual True-up												
<b>19th Accumulation</b>												
(Over)/Under Adjustment from 16th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
BPF transmission true-up												
Monthly Short Term Debt Rate rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
Annual True-up												
<b>20th Accumulation</b>												
(Over)/Under Adjustment from 17th Accum												
C/M (Over)/Under Accrued												
C/M (Over)/Under Recovery												
CUMM (Over)/Under Balance												
True-up												
Monthly Short Term Debt Rate rate												
C/M Accrued interest (P/M Bal)												
CUMM Accrued Interest Balance												
Annual True-up												

**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
<b>17th Accumulation</b>	<b>Jun-16</b>	<b>Jul-16</b>	<b>Recovery Period Aug-16</b>	<b>Sep-16</b>	<b>Oct-16</b>	<b>Nov-16</b>	<b>Dec-16</b>	<b>Jan-17</b>	<b>Feb-17</b>			
(Over)/Under Adjustment from 14th Accum	-	-	-	-	-	-	-	-	-			
C/M (Over)/Under Accrued	-	-	-	-	-	-	-	-	-			
C/M (Over)/Under Recovery	(118,266.78)	(143,761.04)	(143,333.54)	(131,482.61)	(118,678.86)	(97,581.65)	(130,953.26)	(142,598.06)	(124,778.52)			
CUMM (Over)/Under Balance	(1,090,248)	(946,487)	(803,154)	(671,671)	(552,992)	(455,410)	(324,457)	(181,859)	(57,081)			
Remand Ordered	-	-	-	-	-	-	-	-	-			
Monthly Short Term Debt Rate rate	-	-	-	-	-	-	-	-	-			
C/M Accrued interest (P/M Bal)	-	-	-	-	-	-	-	-	-			
CUMM Accrued Interest Balance	-	-	-	-	-	-	-	-	-			
Annual True-up												
<b>18th Accumulation</b>	<b>Jun-16</b>	<b>Jul-16</b>	<b>Aug-16</b>	<b>Sep-16</b>	<b>Oct-16</b>	<b>Nov-16</b>	<b>Dec-16</b>	<b>Recovery Period Jan-17</b>	<b>Feb-17</b>	<b>Mar-17</b>	<b>Apr-17</b>	<b>May-17</b>
(Over)/Under Adjustment from 15th Accum	-	-	-	-	-	-	-	-	-	-	-	-
C/M (Over)/Under Accrued	-	-	-	-	-	-	-	-	-	-	-	-
C/M (Over)/Under Recovery	-	-	-	(1,559,692.75)	(1,340,361.21)	(1,128,535.06)	(1,367,740.39)	(1,553,543.00)	(1,280,284.48)	(607,016.30)	(548,884.40)	(517,050.05)
CUMM (Over)/Under Balance	(16,984,110)	(16,984,110)	(16,984,110)	(15,424,417)	(14,084,056)	(12,955,521)	(11,587,781)	(10,034,238)	(8,753,953)	(8,146,937)	(7,598,053)	(7,081,002)
Crossroads transmission true-up	-	-	-	-	-	-	-	-	-	-	-	-
Monthly Short Term Debt Rate rate	-	-	-	-	-	-	-	-	-	-	-	-
C/M Accrued interest (P/M Bal)	-	-	-	-	-	-	-	-	-	-	-	-
CUMM Accrued Interest Balance	-	-	-	-	-	-	-	-	-	-	-	-
Annual True-up												
<b>19th Accumulation</b>	<b>Jun-16</b>	<b>Jul-16</b>	<b>19th Accumulation period Aug-16</b>	<b>Sep-16</b>	<b>Oct-16</b>	<b>Nov-16</b>	<b>Dec-16</b>	<b>Filing and Approval Jan-17</b>	<b>Feb-17</b>	<b>Mar-17</b>	<b>Recovery Period Apr-17</b>	<b>May-17</b>
(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	-	-	-	-	-	-	-	-	-	(542,482.77)	(490,541.58)	(462,097.35)
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	2,434,268	2,924,810	3,386,907
BPF transmission true-up	-	-	-	-	-	(265,174)	-	-	-	-	-	-
Monthly Short Term Debt Rate rate	<b>0.14%</b>	<b>0.14%</b>	<b>0.15%</b>	<b>0.15%</b>	<b>0.15%</b>	<b>0.15%</b>	-	-	-	-	-	-
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)	-	-	-	-	-	-
Annual True-up												
<b>20th Accumulation</b>							<b>Dec-16</b>	<b>Jan-17</b>	<b>20th Accumulation period Feb-17</b>	<b>Mar-17</b>	<b>Apr-17</b>	<b>May-17</b>
(Over)/Under Adjustment from 17th Accum							1,151,715.11	(236,661.27)	(57,080.65)	294,749.02	111,408.18	1,899,486.19
C/M (Over)/Under Accrued							-	-	-	-	-	-
C/M (Over)/Under Recovery							1,151,715	915,054	1,152,722	1,264,130	3,163,617	1,987,150
CUMM (Over)/Under Balance							-	-	-	-	-	-
True-up							-	-	-	-	-	-
Monthly Short Term Debt Rate rate							<b>0.16%</b>	<b>0.17%</b>	<b>0.17%</b>	<b>0.18%</b>	<b>0.19%</b>	<b>0.19%</b>
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)
Annual True-up												



# Short Term Debt Rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Monday	June 1, 2015	0.1830%	1.2500%		1.4330%		
Tuesday	June 2, 2015	0.1848%	1.2500%		1.4348%		
Wednesday	June 3, 2015	0.1850%	1.2500%		1.4350%		
Thursday	June 4, 2015	0.1841%	1.2500%		1.4341%		
Friday	June 5, 2015	0.1830%	1.2500%		1.4330%		
Saturday	June 6, 2015	0.1830%	1.2500%		1.4330%		
Sunday	June 7, 2015	0.1830%	1.2500%		1.4330%		
Monday	June 8, 2015	0.1854%	1.2500%		1.4354%		
Tuesday	June 9, 2015	0.1875%	1.2500%		1.4375%		
Wednesday	June 10, 2015	0.1888%	1.2500%		1.4388%		
Thursday	June 11, 2015	0.1855%	1.2500%		1.4355%		
Friday	June 12, 2015	0.1848%	1.2500%		1.4348%		
Saturday	June 13, 2015	0.1848%	1.2500%		1.4348%		
Sunday	June 14, 2015	0.1848%	1.2500%		1.4348%		
Monday	June 15, 2015	0.1853%	1.2500%		1.4353%		
Tuesday	June 16, 2015	0.1850%	1.2500%		1.4350%		
Wednesday	June 17, 2015	0.1875%	1.2500%		1.4375%		
Thursday	June 18, 2015	0.1868%	1.2500%		1.4368%		
Friday	June 19, 2015	0.1870%	1.2500%		1.4370%		
Saturday	June 20, 2015	0.1870%	1.2500%		1.4370%		
Sunday	June 21, 2015	0.1870%	1.2500%		1.4370%		
Monday	June 22, 2015	0.1870%	1.2500%		1.4370%		
Tuesday	June 23, 2015	0.1870%	1.2500%		1.4370%		
Wednesday	June 24, 2015	0.1865%	1.2500%		1.4365%		
Thursday	June 25, 2015	0.1860%	1.2500%		1.4360%		
Friday	June 26, 2015	0.1866%	1.2500%		1.4366%		
Saturday	June 27, 2015	0.1866%	1.2500%		1.4366%		
Sunday	June 28, 2015	0.1866%	1.2500%		1.4366%		
Monday	June 29, 2015	0.1866%	1.2500%		1.4366%	<b>Average</b>	<b>Monthly Rate</b>
Tuesday	June 30, 2015	0.1865%	1.2500%		1.4365%	1.44%	0.12%
Wednesday	July 1, 2015	0.1850%	1.2500%		1.4350%		
Thursday	July 2, 2015	0.1882%	1.2500%		1.4382%		
Friday	July 3, 2015	0.1884%	1.2500%		1.4384%		
Saturday	July 4, 2015	0.1884%	1.2500%		1.4384%		
Sunday	July 5, 2015	0.1884%	1.2500%		1.4384%		
Monday	July 6, 2015	0.1865%	1.2500%		1.4365%		
Tuesday	July 7, 2015	0.1895%	1.2500%		1.4395%		
Wednesday	July 8, 2015	0.1885%	1.2500%		1.4385%		
Thursday	July 9, 2015	0.1867%	1.2500%		1.4367%		
Friday	July 10, 2015	0.1860%	1.2500%		1.4360%		
Saturday	July 11, 2015	0.1860%	1.2500%		1.4360%		
Sunday	July 12, 2015	0.1860%	1.2500%		1.4360%		
Monday	July 13, 2015	0.1873%	1.2500%		1.4373%		
Tuesday	July 14, 2015	0.1870%	1.2500%		1.4370%		
Wednesday	July 15, 2015	0.1860%	1.2500%		1.4360%		
Thursday	July 16, 2015	0.1880%	1.2500%		1.4380%		
Friday	July 17, 2015	0.1905%	1.2500%		1.4405%		
Saturday	July 18, 2015	0.1905%	1.2500%		1.4405%		
Sunday	July 19, 2015	0.1905%	1.2500%		1.4405%		
Monday	July 20, 2015	0.1890%	1.2500%		1.4390%		
Tuesday	July 21, 2015	0.1850%	1.2500%		1.4350%		
Wednesday	July 22, 2015	0.1870%	1.2500%		1.4370%		
Thursday	July 23, 2015	0.1905%	1.2500%		1.4405%		
Friday	July 24, 2015	0.1890%	1.2500%		1.4390%		
Saturday	July 25, 2015	0.1890%	1.2500%		1.4390%		
Sunday	July 26, 2015	0.1890%	1.2500%		1.4390%		
Monday	July 27, 2015	0.1890%	1.2500%		1.4390%		
Tuesday	July 28, 2015	0.1908%	1.2500%		1.4408%		
Wednesday	July 29, 2015	0.1896%	1.2500%		1.4396%		
Thursday	July 30, 2015	0.1885%	1.2500%		1.4385%	<b>Average</b>	<b>Monthly Rate</b>
Friday	July 31, 2015	0.1918%	1.2500%		1.4418%	1.44%	0.12%

# Short Term Debt Rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate
Saturday	August 1, 2015	0.1918%	1.2500%		1.4418%
Sunday	August 2, 2015	0.1918%	1.2500%		1.4418%
Monday	August 3, 2015	0.1905%	1.2500%		1.4405%
Tuesday	August 4, 2015	0.1908%	1.2500%		1.4408%
Wednesday	August 5, 2015	0.1935%	1.2500%		1.4435%
Thursday	August 6, 2015	0.1915%	1.2500%		1.4415%
Friday	August 7, 2015	0.1913%	1.2500%		1.4413%
Saturday	August 8, 2015	0.1913%	1.2500%		1.4413%
Sunday	August 9, 2015	0.1913%	1.2500%		1.4413%
Monday	August 10, 2015	0.1926%	1.2500%		1.4426%
Tuesday	August 11, 2015	0.1935%	1.2500%		1.4435%
Wednesday	August 12, 2015	0.1940%	1.2500%		1.4440%
Thursday	August 13, 2015	0.1976%	1.2500%		1.4476%
Friday	August 14, 2015	0.1996%	1.2500%		1.4496%
Saturday	August 15, 2015	0.1996%	1.2500%		1.4496%
Sunday	August 16, 2015	0.1996%	1.2500%		1.4496%
Monday	August 17, 2015	0.2046%	1.2500%		1.4546%
Tuesday	August 18, 2015	0.2028%	1.2500%		1.4528%
Wednesday	August 19, 2015	0.2020%	1.2500%		1.4520%
Thursday	August 20, 2015	0.2004%	1.2500%		1.4504%
Friday	August 21, 2015	0.1994%	1.2500%		1.4494%
Saturday	August 22, 2015	0.1994%	1.2500%		1.4494%
Sunday	August 23, 2015	0.1994%	1.2500%		1.4494%
Monday	August 24, 2015	0.1994%	1.2500%		1.4494%
Tuesday	August 25, 2015	0.1978%	1.2500%		1.4478%
Wednesday	August 26, 2015	0.1980%	1.2500%		1.4480%
Thursday	August 27, 2015	0.1970%	1.2500%		1.4470%
Friday	August 28, 2015	0.1986%	1.2500%		1.4486%
Saturday	August 29, 2015	0.1986%	1.2500%		1.4486%
Sunday	August 30, 2015	0.1986%	1.2500%		1.4486%
Monday	August 31, 2015	0.1986%	1.2500%		1.4486%
					<b>Average Monthly Rate</b>
					1.45% 0.12%
Tuesday	September 1, 2015	0.2012%	1.2500%		1.4512%
Wednesday	September 2, 2015	0.2028%	1.2500%		1.4528%
Thursday	September 3, 2015	0.2043%	1.2500%		1.4543%
Friday	September 4, 2015	0.1993%	1.2500%		1.4493%
Saturday	September 5, 2015	0.1993%	1.2500%		1.4493%
Sunday	September 6, 2015	0.1993%	1.2500%		1.4493%
Monday	September 7, 2015	0.2027%	1.2500%		1.4527%
Tuesday	September 8, 2015	0.2030%	1.2500%		1.4530%
Wednesday	September 9, 2015	0.2040%	1.2500%		1.4540%
Thursday	September 10, 2015	0.2064%	1.2500%		1.4564%
Friday	September 11, 2015	0.2066%	1.2500%		1.4566%
Saturday	September 12, 2015	0.2066%	1.2500%		1.4566%
Sunday	September 13, 2015	0.2066%	1.2500%		1.4566%
Monday	September 14, 2015	0.2090%	1.2500%		1.4590%
Tuesday	September 15, 2015	0.2073%	1.2500%		1.4573%
Wednesday	September 16, 2015	0.2128%	1.2500%		1.4628%
Thursday	September 17, 2015	0.2160%	1.2500%		1.4660%
Friday	September 18, 2015	0.1958%	1.2500%		1.4458%
Saturday	September 19, 2015	0.1958%	1.2500%		1.4458%
Sunday	September 20, 2015	0.1958%	1.2500%		1.4458%
Monday	September 21, 2015	0.1950%	1.2500%		1.4450%
Tuesday	September 22, 2015	0.1956%	1.2500%		1.4456%
Wednesday	September 23, 2015	0.1939%	1.2500%		1.4439%
Thursday	September 24, 2015	0.1943%	1.2500%		1.4443%
Friday	September 25, 2015	0.1943%	1.2500%		1.4443%
Saturday	September 26, 2015	0.1943%	1.2500%		1.4443%
Sunday	September 27, 2015	0.1943%	1.2500%		1.4443%
Monday	September 28, 2015	0.1936%	1.2500%		1.4436%
Tuesday	September 29, 2015	0.1930%	1.2500%		1.4430%
Wednesday	September 30, 2015	0.1930%	1.2500%		1.4430%
					<b>Average Monthly Rate</b>
					1.45% 0.12%

# Short Term Debt Rate

Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Thursday	October 1, 2015	0.1940%	1.2500%		1.4440%		
Friday	October 2, 2015	0.1947%	1.2500%		1.4447%		
Saturday	October 3, 2015	0.1947%	1.2500%		1.4447%		
Sunday	October 4, 2015	0.1947%	1.2500%		1.4447%		
Monday	October 5, 2015	0.1938%	1.2500%		1.4438%		
Tuesday	October 6, 2015	0.1941%	1.2500%		1.4441%		
Wednesday	October 7, 2015	0.1961%	1.2500%		1.4461%		
Thursday	October 8, 2015	0.1955%	1.2500%		1.4455%		
Friday	October 9, 2015	0.1969%	1.2500%		1.4469%		
Saturday	October 10, 2015	0.1969%	1.2500%		1.4469%		
Sunday	October 11, 2015	0.1969%	1.2500%		1.4469%		
Monday	October 12, 2015	0.1933%	1.2500%		1.4433%		
Tuesday	October 13, 2015	0.1958%	1.2500%		1.4458%		
Wednesday	October 14, 2015	0.1990%	1.2500%		1.4490%		
Thursday	October 15, 2015	0.1968%	1.2500%		1.4468%		
Friday	October 16, 2015	0.1943%	1.2500%		1.4443%		
Saturday	October 17, 2015	0.1943%	1.2500%		1.4443%		
Sunday	October 18, 2015	0.1943%	1.2500%		1.4443%		
Monday	October 19, 2015	0.1960%	1.2500%		1.4460%		
Tuesday	October 20, 2015	0.1965%	1.2500%		1.4465%		
Wednesday	October 21, 2015	0.1948%	1.2500%		1.4448%		
Thursday	October 22, 2015	0.1970%	1.2500%		1.4470%		
Friday	October 23, 2015	0.1935%	1.2500%		1.4435%		
Saturday	October 24, 2015	0.1935%	1.2500%		1.4435%		
Sunday	October 25, 2015	0.1935%	1.2500%		1.4435%		
Monday	October 26, 2015	0.1936%	1.2500%		1.4436%		
Tuesday	October 27, 2015	0.1908%	1.2500%		1.4408%		
Wednesday	October 28, 2015	0.1883%	1.2500%		1.4383%		
Thursday	October 29, 2015	0.1930%	1.2500%		1.4430%		
Friday	October 30, 2015	0.1920%	1.2500%		1.4420%	Average	Monthly Rate
Saturday	October 31, 2015	0.1920%	1.2500%		1.4420%	1.44%	0.12%
Sunday	November 1, 2015	0.1920%	1.2500%		1.4420%		
Monday	November 2, 2015	0.1900%	1.2500%		1.4400%		
Tuesday	November 3, 2015	0.1922%	1.2500%		1.4422%		
Wednesday	November 4, 2015	0.1932%	1.2500%		1.4432%		
Thursday	November 5, 2015	0.1948%	1.2500%		1.4448%		
Friday	November 6, 2015	0.1945%	1.2500%		1.4445%		
Saturday	November 7, 2015	0.1945%	1.2500%		1.4445%		
Sunday	November 8, 2015	0.1945%	1.2500%		1.4445%		
Monday	November 9, 2015	0.1970%	1.2500%		1.4470%		
Tuesday	November 10, 2015	0.1955%	1.2500%		1.4455%		
Wednesday	November 11, 2015	0.1958%	1.2500%		1.4458%		
Thursday	November 12, 2015	0.1970%	1.2500%		1.4470%		
Friday	November 13, 2015	0.1973%	1.2500%		1.4473%		
Saturday	November 14, 2015	0.1973%	1.2500%		1.4473%		
Sunday	November 15, 2015	0.1973%	1.2500%		1.4473%		
Monday	November 16, 2015	0.1993%	1.2500%		1.4493%		
Tuesday	November 17, 2015	0.2025%	1.2500%		1.4525%		
Wednesday	November 18, 2015	0.2068%	1.2500%		1.4568%		
Thursday	November 19, 2015	0.2133%	1.2500%		1.4633%		
Friday	November 20, 2015	0.2115%	1.2500%		1.4615%		
Saturday	November 21, 2015	0.2115%	1.2500%		1.4615%		
Sunday	November 22, 2015	0.2115%	1.2500%		1.4615%		
Monday	November 23, 2015	0.2210%	1.2500%		1.4710%		
Tuesday	November 24, 2015	0.2250%	1.2500%		1.4750%		
Wednesday	November 25, 2015	0.2315%	1.2500%		1.4815%		
Thursday	November 26, 2015	0.2328%	1.2500%		1.4828%		
Friday	November 27, 2015	0.2438%	1.2500%		1.4938%		
Saturday	November 28, 2015	0.2438%	1.2500%		1.4938%		
Sunday	November 29, 2015	0.2438%	1.2500%		1.4938%	Average	Monthly Rate
Monday	November 30, 2015	0.2430%	1.2500%		1.4930%	1.46%	0.12%