

Exhibit No.:
Issue: Fuel Adjustment Clause
Witness: Linda J. Nunn
Type of Exhibit: Direct Testimony
Sponsoring Party: KCP&L Greater Missouri Operations Company
Case No.: ER-2017-____
Date Testimony Prepared: July 1, 2016

MISSOURI PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY

OF

LINDA J. NUNN

DIRECT TESTIMONY

OF

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Case No. ER-2017-____

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

2 A: My name is Linda J. Nunn. My business address is 1200 Main, Kansas City,
3 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 general responsibilities include the preparation of rate cases and rate case
9 support for both KCP&L and KCP&L Greater Missouri Operations Company
10 (“Company” or “GMO”). In addition, my responsibilities include the preparation
11 and review of accounting exhibits and schedules associated with Company
12 regulatory filings.

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

14 A: I received a Bachelors of Science Degree in Business Administration with a
15 concentration in Accounting from Northwest Missouri State University in
16 Maryville, Missouri.

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

18 A: I became a Senior Regulatory Analyst with KCP&L in 2008, as a part of the
19 acquisition of Aquila, Inc., by Great Plains Energy Incorporated. In 2013 I was

1 promoted to Supervisor - Regulatory Affairs. Prior to my employment with
2 KCP&L, I was employed by Aquila, Inc. for a total of 11 years. In addition to
3 Regulatory, I have had experience in Accounting, Audit, and Business Services
4 where I had responsibility for guiding restructuring within the delivery division.
5 In addition to my utility experience I was the business manager and controller for
6 two area churches. Prior to that, I was an external auditor with Ernst & Whinney.

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

10 A: I have provided written testimony in various filings made before the MPSC
11 relating to GMO’s Fuel Adjustment Clause (“FAC”). I have also worked closely
12 with many MPSC Staff on numerous filings as well as on rate case issues.

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

14 A: The purpose of my testimony is to support the 15th true-up filing being made by
15 GMO under the provisions in 4 CSR 240-20.090(4) and (5) and the Company’s
16 approved fuel and purchased power cost recovery mechanism or FAC.

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

18 A: GMO’s FAC tariff requires a true-up filing by the filing date of its Fuel
19 Adjustment Rate (“FAR”) filing following the completion of each recovery
20 period. Per the tariff, the true-up amount shall be the difference between the
21 revenues billed and the revenues authorized for collection during the recovery
22 period as well as any corrections identified to be included in the current FAR
23 filing. The purpose of this true-up filing is to identify the amount over or under-

1 recovered from the 15th 12-month recovery period as well as to correct for an
2 error identified during the current accumulation period.

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

5 A: Each FAC begins with an accumulation period which covers a six-month period
6 in which the costs of the fuel and purchased power components net of off system
7 sales revenues contained in the FAC are accumulated and compared to the base
8 energy costs that are in rates over that same time frame. The net of the costs
9 compared to the base energy costs in the current rates is the amount to be
10 recovered or returned to customers over the recovery period. After the
11 accumulation period, GMO files with the Commission the Fuel Adjustment Rate
12 (“FAR”). The FAR is the rate that will be charged to customers over the recovery
13 period. The time between the accumulation period and the beginning of the
14 recovery period is three months. The recovery period for GMO is 12 months.
15 After the recovery period, a true-up is filed which reflects all the activities and
16 summarizes the balances of the FAC. The balances will then be included in the
17 next FAR filing.

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

20 A: The accumulation period went from June 1, 2014 through November 30, 2014.
21 The recovery period for that accumulation was March 1, 2015 through February
22 29, 2016.

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

3 A: The FAR is calculated based upon projected kWh sales for the recovery period.
4 Since the FAR is based upon a projected number, once actual sales are recorded, a
5 difference exists between the estimate and the actual kWh billed. This difference
6 will be “trued-up” in the next FAC filing. In addition, GMO has a correction to
7 be made along with this current true-up calculation.

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

10 A: For the GMO territory served as MPS, the FAC was over-collected by
11 \$3,202,215. This includes a correction to the current accumulation period of
12 \$3,641,196, which offsets the under-recovery of \$438,981. For the GMO territory
13 served as L&P, the FAC was over-collected by \$815,474. This includes a
14 correction to the current accumulation period of \$950,137, which offsets the
15 under-recovery of \$134,663.

16 **Q: What impact will the true-up have on future FAC adjustment rate schedules**
17 **filed?**

18 A: The true-up amount including a correction for an error identified in this true-up
19 filing will be included in the next semi-annual FAC rate schedule filing. Since
20 the Company’s fifteenth FAC recovery period ended February 29, 2016, the
21 above over-recoveries (under-recoveries netted with return of monies collected in
22 error) will be included in the semi-annual filing to be made on or before July 1,

1 2016 covering the accumulation period of December 1, 2015 through May 31,
2 2016.

3 **Q: How did you develop the proposed true-up amounts that are being requested**
4 **in this filing?**

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

11 **Q: Please explain the need for the corrections indicated above.**

12 A: In the Reports and Orders for Rate Case Nos. ER-2010-0356 effective May 14,
13 2011, and ER-2012-0175 effective January 9, 2013, the Commission expressly
14 ordered that Crossroads transmission costs would be excluded from both base
15 rates and the FAC. GMO has inadvertently included a portion of Crossroads
16 transmission expenses in the calculation of the FAC.

17 **Q: What process has been used by GMO to exclude Crossroads transmission**
18 **costs from the FAC?**

19 A: Monthly, GMO calculates the over/under for the FAC and makes a corresponding
20 entry on its books. The process in place has been to take total transmission
21 expense and then remove the items not allowable through the FAC including the
22 removal of all Crossroads transmission charges.

23 **Q: Did this work in the past?**

1 A: Yes.

2 **Q: What changed to cause this process to no longer work?**

3 A: Prior to the time that Entergy joined the Regional Transmission Organization
4 Midcontinent Independent System Operator (“MISO”), GMO would have
5 monthly MISO charges for transmission related to purchased power that traveled
6 through the MISO territory (completely unrelated to Crossroads). Those costs
7 were allowable in the FAC according to the tariff as they were transmission for
8 purchased power to serve native load. When Entergy joined MISO late in 2013,
9 the transmission costs related to Crossroads began to be billed by MISO
10 (previously billed by Entergy) and the accounting reports used to prepare the FAC
11 calculation included a line item which identified Crossroads charges. There were
12 other line items on the MISO bill that did not indicate a Crossroads connection. It
13 turns out that the line item labeled Crossroads was for Schedule 7 fees only. The
14 Company removed the amount associated with that schedule (Schedule 7 –
15 Demand) from the FAC calculation. However, the Company did not realize that
16 the other MISO charges identified on the reports not labeled Crossroads were
17 actually associated with the Crossroads facility.

18 **Q: How was this error discovered?**

19 A: This came to light while doing some additional accounting research for the
20 current GMO rate case. It became clear that charges for MISO included on FERC
21 schedules 1, 2, 26, 33, and 45 related to the Crossroads facility were inadvertently
22 allowed to flow through GMO FACs.

23 **Q: How will this error be corrected?**

1 A: The correction of this error with interest has been included in this true-up
2 calculation. Schedule LNJ-1 includes the monthly correction amount along with
3 the interest calculation that totals the MPS and L&P correction made in this true-
4 up filing.

5 **Q: What steps have been taken to ensure that an error like this will not happen**
6 **in the future?**

7 A: Accounting procedure has now been changed so that any charge from MISO is to
8 be considered related to Crossroads unless the front office takes action to notify
9 Accounting that a non-Crossroads deal has been made.

10 **Q: Do these types of power trades happen frequently?**

11 A: Not anymore. With the implementation of the Southwest Power Pool Integrated
12 Market in March 2014, the need for these types of deals has dropped dramatically.

13 **Q: Have any MISO power deals been completed since Entergy joined MISO**
14 **that should be included in the FAC?**

15 A: Yes. To date, the last power trades completed with MISO were in February 2014.

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

18 A: As provided by 4 C.S.R. 240-20.090(5), a true-up filing is required at least
19 annually. Pursuant to the Company's FAC tariff, the amount of the true-up will
20 be included in the next accumulation period. The Company requests that the
21 Commission approve the amount to be included in the next accumulation period
22 which will cover the six months ended May 31, 2016.

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

1 A: Yes, it does.

In the Matter of the Application of KCP&L)
Greater Missouri Operations Company)
Containing Its Semi-Annual Fuel Adjustment)
Clause True-Up)

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

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

Accumulation Period: June 1, 2014 through November 30, 2014

Recovery Period: March 1, 2015 through February 29, 2016

MPS

Accumulation	\$ 16,187,398
12th True-up Over Recovery	(36,639)
Interest Filed	192,032
Recovery	(15,903,809)
Proposed Adjustment for (Over)/Under Recovery	438,981
Correction to Current Accumulation Period	(3,641,196)
Total True-up and Correction	\$ (3,202,215)

L&P

Accumulation	\$ 3,233,012
12th True-up Over Recovery	(89,760)
Interest Filed	54,460
Recovery	(3,063,049)
Proposed Adjustment for (Over)/Under Recovery	\$ 134,663
Correction to Current Accumulation Period	(950,137)
Total True-up and Correction	\$ (815,474)

Short-Term Borrowing Rate:

	Annual	Monthly
Jun-14	1.40%	0.12%
Jul-14	1.40%	0.12%
Aug-14	1.41%	0.12%
Sep-14	1.40%	0.12%
Oct-14	1.40%	0.12%
Nov-14	1.40%	0.12%

Accumulation

MPS

	Residential	Commercial	Industrial	Streetlights	Gov't-Other	Total Retail	Wholesale	Total
Jun-14	712,326	544,999	186,560	5,113	102,475	\$ 1,551,474	7,271	1,558,745
Jul-14	756,457	515,293	182,907	4,834	88,772	\$ 1,548,264	7,339	1,555,602
Aug-14	1,352,172	885,133	290,904	7,925	156,982	\$ 2,693,116	12,980	2,706,097
Sep-14	1,154,362	1,138,728	379,472	11,525	233,925	\$ 2,918,012	17,817	2,935,828
Oct-14	1,180,012	1,183,009	501,305	14,057	216,275	\$ 3,094,656	15,696	3,110,353
Nov-14	2,029,777	1,526,882	525,126	17,401	282,690	\$ 4,381,876	24,399	4,406,275
Total	\$ 7,185,106	\$ 5,794,044	\$ 2,066,274	\$ 60,855	\$ 1,081,119	\$ 16,187,398	\$ 85,502	\$ 16,272,899

	Secondary	Primary
NSI by Voltage	3,291,109,002	2,794,114,196
Secondary/Primary Distribution	84.90%	15.10%
Accumulation by Voltage	\$ 13,815,507	\$ 2,457,392
		\$ 16,272,899

Base Energy by Voltage Level:

CIS+ Secondary Customers	2,573,399,359
CIS+ Primary Customers - MO716	163,710
CIS+ Primary Customers - MO725	10,039,015
CIS+ Primary Customers - MO735	420,062,422
CIS+ Primary Customers - MO737	11,141,680

Total CIS+	3,014,806,186
Other kWh (unbilled, co use, losses)	260,614,475
Total Wholesale Billings (Primary)	15,688,341
Total kwh	3,291,109,002

MPS Recovery

Total	Recovery												Total
	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Recovered
Residential	(687,522)	(454,059)	(399,893)	(527,295)	(758,446)	(817,506)	(693,456)	(519,152)	(409,001)	(564,330)	(713,434)	(678,788)	(7,222,884)
Commercial	(470,773)	(422,227)	(416,402)	(470,167)	(532,451)	(537,463)	(529,930)	(484,696)	(414,060)	(443,075)	(469,485)	(459,076)	(5,649,804)
Industrial	(152,270)	(159,560)	(155,636)	(167,088)	(178,263)	(173,403)	(170,614)	(168,361)	(152,694)	(159,780)	(150,075)	(154,284)	(1,942,028)
Gov't-Other	(92,650)	(81,601)	(81,007)	(93,536)	(99,267)	(101,458)	(102,726)	(94,447)	(78,698)	(87,352)	(87,892)	(88,460)	(1,089,094)
Total	(1,403,215)	(1,117,447)	(1,052,938)	(1,258,086)	(1,568,428)	(1,629,830)	(1,496,726)	(1,266,656)	(1,054,452)	(1,254,537)	(1,420,886)	(1,380,609)	(15,903,809)

Primary voltage

Residential	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial	(46,566)	(42,752)	(43,700)	(48,732)	(50,650)	(50,959)	(53,899)	(47,828)	(43,643)	(44,293)	(43,988)	(44,455)	(561,465)
Industrial	(99,124)	(104,568)	(101,191)	(109,523)	(116,003)	(110,778)	(109,088)	(107,378)	(98,183)	(104,193)	(97,854)	(99,137)	(1,257,020)
Gov't-Other	(24,209)	(23,677)	(24,759)	(29,594)	(33,521)	(33,329)	(32,134)	(27,145)	(22,760)	(23,443)	(22,929)	(23,961)	(321,461)
Total	(169,898)	(170,997)	(169,650)	(187,848)	(200,175)	(195,066)	(195,121)	(182,352)	(164,586)	(171,929)	(164,771)	(167,553)	(2,139,947)

Current Period CAF	0.00265	Current Period CAF	(0.00017)
Previous Period CAF	0.00332	Previous Period CAF	0.00265
Annual CAF	0.00597	Annual CAF	0.00248
Previous Period CAF %	44.3886097%	Previous Period CAF %	106.8548387%

Total Primary before recovery period split

Commercial	(104,904)	(96,313)	(98,448)	(109,784)	(114,107)	(114,803)	(50,441)	(44,760)	(40,843)	(41,452)	(41,166)	(41,603)	(898,625)
Industrial	(223,310)	(235,573)	(227,966)	(246,736)	(261,336)	(249,564)	(102,090)	(100,490)	(91,885)	(97,509)	(91,576)	(92,777)	(2,020,812)
Gov't-Other	(54,538)	(53,341)	(55,778)	(66,670)	(75,517)	(75,085)	(30,073)	(25,404)	(21,300)	(21,939)	(21,458)	(22,424)	(523,525)
Total	(382,752)	(385,226)	(382,192)	(423,189)	(450,959)	(439,452)	(182,604)	(170,654)	(154,028)	(160,900)	(154,201)	(156,804)	(3,442,962)

Secondary voltage

Residential	(687,522)	(454,059)	(399,893)	(527,295)	(758,446)	(817,506)	(693,456)	(519,152)	(409,001)	(564,330)	(713,434)	(678,788)	(7,222,884)
Commercial	(424,207)	(379,475)	(372,702)	(421,436)	(481,801)	(486,503)	(476,031)	(436,867)	(370,417)	(398,782)	(425,497)	(414,622)	(5,088,339)
Industrial	(53,146)	(54,992)	(54,445)	(57,565)	(62,260)	(62,625)	(61,526)	(60,982)	(54,511)	(55,587)	(52,221)	(55,148)	(685,008)
Gov't-Other	(68,441)	(57,924)	(56,248)	(63,942)	(65,746)	(68,129)	(70,592)	(67,302)	(55,938)	(63,909)	(64,962)	(64,499)	(767,633)
Total	(1,233,317)	(946,450)	(883,288)	(1,070,238)	(1,368,253)	(1,434,763)	(1,301,604)	(1,084,304)	(889,866)	(1,082,608)	(1,256,115)	(1,213,056)	(13,763,863)

Current Period CAF	0.00272	Current Period CAF	(0.00017)
Previous Period CAF	0.00342	Previous Period CAF	0.00272
Annual CAF	0.00614	Annual CAF	0.00255
Previous Period CAF %	44.2996743%	Previous Period CAF %	106.6666667%

MPS
FAC BALANCE BY RECOVERY
PERIOD & INTEREST
CALCULATION

	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	←		15th Accumulation period				→		Filing and Approval		←		
	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
(Over)/Under Adjustment from 12th Accumulation period			(36,639.37)										
C/M (Over)/Under Accrued	1,551,473.58	1,548,263.50	2,693,116.46	2,918,011.80	3,094,656.43	4,381,875.78				1,403,215.16	1,117,446.93	1,052,937.82	1,258,085.91
C/M (Over)/Under Recovery													
CUMM (Over)/Under Balance	1,551,474	3,099,737	5,756,214	8,674,226	11,768,882	16,150,758	16,342,790	16,342,790	16,342,790	14,939,575	13,822,128	12,769,190	11,511,105
Remand Ordered													
Monthly STD rate	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%							
C/M Accrued interest (P/M Bal)	28,467.03	29,727.67	31,015.88	33,190.76	33,970.98	35,659.90							
CUMM Accrued Interest Balance	28,467	58,195	89,211	122,401	156,372	192,032							
Annual True-up													

	←		16th Accumulation period				→						F
	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15						
(Over)/Under Adjustment from 13th Accumulation period			6,326.63										
C/M (Over)/Under Accrued	1,620,911.34	141,273.71	(617,005.39)	(325,031.02)	(1,816,533.63)	(275,169.72)							
C/M (Over)/Under Recovery													
CUMM (Over)/Under Balance	1,620,911	1,762,185	1,151,506	826,475	(990,058)	(1,265,228)	(1,061,819)						
Remand Ordered													
Monthly STD rate	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%							
C/M Accrued interest (P/M Bal)	39,185.71	39,215.66	36,780.47	33,906.29	29,745.21	24,575.49							
CUMM Accrued Interest Balance	39,186	78,401	115,182	149,088	178,833	203,409							
Annual True-up													

	←												Jun-15
(Over)/Under Adjustment from 14th Accumulation period													
C/M (Over)/Under Accrued													(281,943.99)
C/M (Over)/Under Recovery													
CUMM (Over)/Under Balance													(281,944)
Remand Ordered													
Monthly STD rate													0.12%
C/M Accrued interest (P/M Bal)													21,565.84
CUMM Accrued Interest Balance													21,566
Annual True-up													

(Over)/Under Adjustment from 15th Accumulation period	
C/M (Over)/Under Accrued	
C/M (Over)/Under Recovery	
CUMM (Over)/Under Balance	
Crossroads transmission true-up (January 2014 - November 2015)	
Monthly STD rate	
C/M Accrued interest (P/M Bal)	
CUMM Accrued Interest Balance	
Annual True-up	

MPS
FAC BALANCE BY RECOVERY
PERIOD & INTEREST
CALCULATION

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
		Recovery Period									
	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16			
(Over)/Under Adjustment from 12th											
C/M (Over)/Under Accrued											
C/M (Over)/Under Recovery	1,568,427.59	1,629,829.66	1,496,725.90	1,266,655.82	1,054,452.36	1,254,537.16	1,420,886.00	1,380,608.93			
CUMM (Over)/Under Balance	9,942,677	8,312,847	6,816,121	5,549,466	4,495,013	3,240,476	1,819,590	438,981			
Remand Ordered											
Monthly STD rate											
C/M Accrued interest (P/M Bal)											
CUMM Accrued Interest Balance											
Annual True-up											

	Filing and Approval			Recovery Period							
	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
(Over)/Under Adjustment from 13th											
C/M (Over)/Under Accrued											
C/M (Over)/Under Recovery			(93,867.50)	(79,467.04)	(66,175.00)	(78,692.42)	(89,077.40)	(86,564.68)	(74,454.05)	(68,676.95)	-
CUMM (Over)/Under Balance	(1,061,819)	(1,061,819)	(967,952)	(888,485)	(822,310)	(743,617)	(654,540)	(567,975)	(493,521)	(424,844)	(424,844)
Remand Ordered											
Monthly STD rate											
C/M Accrued interest (P/M Bal)											
CUMM Accrued Interest Balance											
Annual True-up											

		17th Accumulation period				Filing and Approval			Recovery Period		
	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
(Over)/Under Adjustment from 14th		867,008.98									
C/M (Over)/Under Accrued	1,904,976.23	(42,563.34)	(1,640,430.36)	(1,294,585.16)	(26,640.28)						
C/M (Over)/Under Recovery									(30,657.55)	(28,278.75)	-
CUMM (Over)/Under Balance	1,623,032	2,447,478	807,048	(487,538)	(514,178)	(433,549)	(433,549)	(433,549)	(402,892)	(374,613)	(374,613)
Remand Ordered											
Monthly STD rate	0.12%	0.12%	0.12%	0.12%	0.12%						
C/M Accrued interest (P/M Bal)	18,064.68	16,214.97	11,719.03	7,986.26	5,077.69						
CUMM Accrued Interest Balance	39,631	55,845	67,565	75,551	80,628						
Annual True-up											

						Filing and Approval		18th Accumulation period			
						Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
(Over)/Under Adjustment from 15th								438,981.15			
C/M (Over)/Under Accrued						(2,085,869.49)	(2,232,928.26)	(1,138,762.40)	(2,051,753.83)	(754,947.94)	(1,181,414.94)
C/M (Over)/Under Recovery											
CUMM (Over)/Under Balance						(2,085,869)	(4,318,798)	(5,018,579)	(7,070,333)	(7,825,281)	(9,006,696)
Crossroads transmission true-up (J&K)											(3,641,196)
Monthly STD rate						0.13%	0.14%	0.14%	0.14%	0.14%	0.14%
C/M Accrued interest (P/M Bal)						4,237.69	(31.58)	(5,022.22)	(8,478.31)	(11,219.83)	(12,146.51)
CUMM Accrued Interest Balance						4,238	4,206	(816)	(9,294)	(20,514)	(32,661)
Annual True-up											

Accumulation

L&P

	Residential	Commercial	Industrial	Streetlights	Gov't-Other	Total Retail
Jun-14	47,768	56,603	46,640	717	\$ -	\$ 151,728
Jul-14	218,006	220,910	177,922	2,864	-	619,701
Aug-14	147,263	145,346	126,727	1,881	-	421,217
Sep-14	142,251	190,314	146,061	2,768	-	481,394
Oct-14	228,442	327,014	326,032	5,371	-	886,859
Nov-14	255,982	227,747	185,030	3,354	-	672,113
Total	\$ 1,039,711	\$ 1,167,935	\$ 1,008,412	\$ 16,954	\$ -	\$ 3,233,012

	Secondary	Primary	
NSI by Voltage	961,583,767	156,759,234	
Secondary/Primary Distribution	85.98%	14.02%	
Accumulation by Voltage	2,779,837	453,174	3,233,012

Base Energy by Voltage Level:

CIS+ Secondary Customers	880,394,455
CIS+ Primary Customers - MO938	3,807,987
CIS+ Primary Customers - MO939	618,522
CIS+ Primary Customers - MO945	68,966,413
CIS+ Primary Customers - MO946	36,920,902
CIS+ Primary Customers - MO947	32,919,155
Total CIS+ (CS5005Y)	1,023,627,434
Other kWh (unbilled, co use, losses)	94,715,567
Total kWh	1,118,343,001

L&P Recovery

Total	Recovery												Total
	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Recovered
Residential	(115,701)	(67,956)	(55,888)	(68,343)	(91,716)	(104,427)	(85,311)	(67,785)	(60,236)	(92,393)	(123,809)	(113,471)	(1,047,038)
Commercial	(93,632)	(82,968)	(66,988)	(103,279)	(98,622)	(101,310)	(97,760)	(90,308)	(78,016)	(89,604)	(94,612)	(92,991)	(1,090,091)
Industrial	(71,753)	(75,147)	(70,103)	(80,846)	(80,713)	(79,352)	(81,190)	(76,124)	(74,294)	(75,441)	(72,575)	(72,012)	(909,549)
Gov't-Other	(1,882)	(1,314)	(1,302)	(1,317)	(1,291)	(1,303)	(1,308)	(1,311)	(565)	(2,107)	(1,347)	(1,324)	(16,372)
Total	(282,967)	(227,386)	(194,281)	(253,786)	(272,341)	(286,392)	(265,570)	(235,528)	(213,112)	(259,545)	(292,344)	(279,798)	(3,063,049)

Primary voltage

Residential													-
Commercial	(14,600)	(13,796)	(7,542)	(19,272)	(15,987)	(16,064)	(16,107)	(15,255)	(12,980)	(13,449)	(13,957)	(14,845)	(173,852)
Industrial	(17,206)	(18,115)	(17,947)	(18,359)	(20,303)	(19,183)	(18,055)	(20,147)	(18,823)	(18,568)	(17,768)	(17,902)	(222,377)
Gov't-Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	(31,806)	(31,911)	(25,489)	(37,631)	(36,289)	(35,248)	(34,162)	(35,402)	(31,803)	(32,017)	(31,725)	(32,747)	(396,229)

Current Period CAF	0.00147	Current Period CAF	(0.00013)
Previous Period CAF	0.00290	Previous Period CAF	0.00147
Annual CAF	0.00437	Annual CAF	0.00134
Previous Period CAF %	33.6384439%	Previous Period CAF %	109.7014925%

Total Primary before recovery period split

Commercial	(43,402)	(41,014)	(22,420)	(57,290)	(47,525)	(47,755)	(14,683)	(13,906)	(11,832)	(12,259)	(12,723)	(13,532)	(338,341)
Industrial	(51,150)	(53,852)	(53,354)	(54,578)	(60,355)	(57,028)	(16,458)	(18,365)	(17,158)	(16,926)	(16,196)	(16,319)	(431,741)
Gov't-Other													-
Total	(94,552)	(94,866)	(75,774)	(111,868)	(107,880)	(104,783)	(31,141)	(32,271)	(28,990)	(29,185)	(28,919)	(29,851)	(770,082)

Secondary voltage

Residential	(115,701)	(67,956)	(55,888)	(68,343)	(91,716)	(104,427)	(85,311)	(67,785)	(60,236)	(92,393)	(123,809)	(113,471)	(1,047,038)
Commercial	(79,032)	(69,172)	(59,446)	(84,007)	(82,636)	(85,246)	(81,653)	(75,053)	(65,037)	(76,155)	(80,655)	(78,146)	(916,238)
Industrial	(54,547)	(57,032)	(52,155)	(62,487)	(60,410)	(60,168)	(63,135)	(55,977)	(55,471)	(56,873)	(54,807)	(54,110)	(687,173)
Gov't-Other	(1,882)	(1,314)	(1,302)	(1,317)	(1,291)	(1,303)	(1,308)	(1,311)	(565)	(2,107)	(1,347)	(1,324)	(16,372)
Total	(251,161)	(195,475)	(168,791)	(216,155)	(236,052)	(251,144)	(231,408)	(200,126)	(181,309)	(227,528)	(260,619)	(247,051)	(2,666,820)

Current Period CAF	0.00151	Current Period CAF	(0.00013)
Previous Period CAF	0.00297	Previous Period CAF	0.00151
Annual CAF	0.00448	Annual CAF	0.00138
Previous Period CAF %	33.7053571%	Previous Period CAF %	109.4202899%

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FAC BALANCE BY RECOVERY
PERIOD & INTEREST
CALCULATION

	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	← Jun-14 Jul-14		15th Accumulation period Aug-14 Sep-14		Oct-14 Nov-14		Filing and Approval Dec-14 Jan-15		Feb-15	← Mar-15 Apr-15 May-15 Jun-15			
(Over)/Under Adjustment from 12th Accumulation period			(89,759.96)										
C/M (Over)/Under Accrued	151,728.12	619,701.29	421,217.12	481,393.71	886,858.67	672,112.80							
C/M (Over)/Under Recovery										282,967.24	227,385.81	194,280.62	253,785.54
CUMM (Over)/Under Balance	151,728.12	771,429.41	1,102,886.57	1,584,280.28	2,471,138.95	3,143,251.75	3,197,711.94	3,197,711.94	3,197,711.94	2,914,744.69	2,687,358.88	2,493,078.26	2,239,292.71
Remand Ordered													
Monthly STD rate	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%							
C/M Accrued interest	8,957.66	8,809.70	9,133.62	9,132.63	8,978.77	9,447.81							
CUMM Accrued Interest Balance	8,958	17,767	26,901	36,034	45,012	54,460							
Annual True-up													

	← Dec-14 Jan-15		16th Accumulation period Feb-15 Mar-15		Apr-15	May-15	F Jun-15
(Over)/Under Adjustment from 13th Accumulation period			(332.28)				
C/M (Over)/Under Accrued	111,168.03	161,624.51	(82,881.87)	(88,411.95)	(447,568.89)	31,382.38	
C/M (Over)/Under Recovery							
CUMM (Over)/Under Balance	111,168.03	272,792.54	189,578.39	101,166.44	(346,402.45)	(315,020.07)	(267,851.34)
Remand Ordered							
Monthly STD rate	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	
C/M Accrued interest	9,688.31	9,192.97	8,559.14	7,759.29	6,653.26	5,315.76	
CUMM Accrued Interest Balance	9,688	18,881	27,440	35,200	41,853	47,169	
Annual True-up							

	← Jun-15					
(Over)/Under Adjustment from 14th Accumulation period						
C/M (Over)/Under Accrued						(1,114,492.35)
C/M (Over)/Under Recovery						
CUMM (Over)/Under Balance						(1,114,492.35)
Remand Ordered						
Monthly STD rate						0.12%
C/M Accrued interest						4,698.72
CUMM Accrued Interest Balance						4,699
Annual True-up						

(Over)/Under Adjustment from 15th Accumulation period	
C/M (Over)/Under Accrued	
C/M (Over)/Under Recovery	
CUMM (Over)/Under Balance	
Crossroads transmission true-up (January 2014 - November 2015)	
Monthly STD rate	
C/M Accrued interest	
CUMM Accrued Interest Balance	
Annual True-up	

L&P

**FAC BALANCE BY RECOVERY
PERIOD & INTEREST
CALCULATION**

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
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	Jul-15	Recovery Period Aug-15 Sep-15 Oct-15 Nov-15 Dec-15					Jan-16	Feb-16			
(Over)/Under Adjustment from 12th A											
C/M (Over)/Under Accrued											
C/M (Over)/Under Recovery	272,341.40	286,391.79	265,570	235,528	213,112	259,545	292,344	279,798			
CUMM (Over)/Under Balance	1,966,951.32	1,680,559.53	1,414,989.37	1,179,461.71	966,350.10	706,804.86	414,460.62	134,662.52			
Remand Ordered											
Monthly STD rate											
C/M Accrued interest											
CUMM Accrued Interest Balance											
Annual True-up											

	Filing and Approval Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Recovery Period Jan-16 Feb-16 Mar-16 Apr-16 May-16				
(Over)/Under Adjustment from 13th A											
C/M (Over)/Under Accrued											
C/M (Over)/Under Recovery			(22,943.69)	(20,360.15)	(18,421.86)	(22,419.96)	(25,243.03)	(24,165.29)	(21,951)	(17,406)	-
CUMM (Over)/Under Balance	(267,851.34)	(267,851.34)	(244,907.65)	(224,547.50)	(206,125.64)	(183,705.69)	(158,462.66)	(134,297.36)	(112,346.06)	(94,939.89)	(94,939.89)
Remand Ordered											
Monthly STD rate											
C/M Accrued interest											
CUMM Accrued Interest Balance											
Annual True-up											

	Jul-15	17th Accumulation period Aug-15 Sep-15 Oct-15 Nov-15				Filing and Approval Dec-15 Jan-16		Feb-16	Mar-16	Recovery Period Apr-16 May-16	
(Over)/Under Adjustment from 14th A											
C/M (Over)/Under Accrued	309,901.52	138,761.58	528,573.18	(544,392.85)	(281,180.02)						
C/M (Over)/Under Recovery		(135,460.29)							(87,599.83)	(69,478.91)	-
CUMM (Over)/Under Balance	(804,590.83)	(801,289.54)	(272,716.36)	(817,109.21)	(1,098,289.23)	(1,087,163.66)	(1,087,163.66)	(1,087,163.66)	(999,563.83)	(930,084.92)	(930,084.92)
Remand Ordered											
Monthly STD rate	0.12%	0.12%	0.12%	0.12%	0.12%						
C/M Accrued interest	2,514.12	1,929.44	738.80	1,076.84	167.66						
CUMM Accrued Interest Balance	7,213	9,142	9,881	10,958	11,126						
Annual True-up											

	Dec-15 Jan-16		18th Accumulation period Feb-16 Mar-16		Apr-16	May-16
(Over)/Under Adjustment from 15th A						
C/M (Over)/Under Accrued	(817,492.36)	(568,359.13)	134,662.52	(435,909.80)	(603,225.07)	(494,866.35)
C/M (Over)/Under Recovery						
CUMM (Over)/Under Balance	(817,492.36)	(1,385,851.49)	(1,687,098.77)	(2,290,323.84)	(2,785,190.19)	(3,333,675.75)
Crossroads transmission true-up (Jai)						(950,137)
Monthly STD rate	0.13%	0.14%	0.14%	0.14%	0.14%	0.14%
C/M Accrued interest	(453.57)	(1,934.18)	(3,103.82)	(4,096.22)	(4,791.48)	(5,366.05)
CUMM Accrued Interest Balance	(454)	(2,388)	(5,492)	(9,588)	(14,379)	(19,745)
Annual True-up						

Short Term Debt Rate

Revolver Size Tenor (years)					
\$ 400,000,000 3					
Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate
Friday	May 30, 2014	0.1510%	1.50%		1.6510%
Saturday	May 31, 2014	0.1510%	1.50%		1.6510%
					AVERAGE 1.6505
Sunday	June 1, 2014	0.1510%	1.25%		1.4010%
Monday	June 2, 2014	0.1510%	1.25%		1.4010%
Tuesday	June 3, 2014	0.1509%	1.25%		1.4009%
Wednesday	June 4, 2014	0.1520%	1.25%		1.4020%
Thursday	June 5, 2014	0.1510%	1.25%		1.4010%
Friday	June 6, 2014	0.1535%	1.25%		1.4035%
Saturday	June 7, 2014	0.1535%	1.25%		1.4035%
Sunday	June 8, 2014	0.1535%	1.25%		1.4035%
Monday	June 9, 2014	0.1523%	1.25%		1.4023%
Tuesday	June 10, 2014	0.1520%	1.25%		1.4020%
Wednesday	June 11, 2014	0.1513%	1.25%		1.4013%
Thursday	June 12, 2014	0.1518%	1.25%		1.4018%
Friday	June 13, 2014	0.1543%	1.25%		1.4043%
Saturday	June 14, 2014	0.1543%	1.25%		1.4043%
Sunday	June 15, 2014	0.1543%	1.25%		1.4043%
Monday	June 16, 2014	0.1540%	1.25%		1.4040%
Tuesday	June 17, 2014	0.1550%	1.25%		1.4050%
Wednesday	June 18, 2014	0.1530%	1.25%		1.4030%
Thursday	June 19, 2014	0.1533%	1.25%		1.4033%
Friday	June 20, 2014	0.1540%	1.25%		1.4040%
Saturday	June 21, 2014	0.1540%	1.25%		1.4040%
Sunday	June 22, 2014	0.1540%	1.25%		1.4040%
Monday	June 23, 2014	0.1520%	1.25%		1.4020%
Tuesday	June 24, 2014	0.1515%	1.25%		1.4015%
Wednesday	June 25, 2014	0.1510%	1.25%		1.4010%
Thursday	June 26, 2014	0.1495%	1.25%		1.3995%
Friday	June 27, 2014	0.1515%	1.25%		1.4015%
Saturday	June 28, 2014	0.1515%	1.25%		1.4015%
Sunday	June 29, 2014	0.1515%	1.25%		1.4015%
Monday	June 30, 2014	0.1552%	1.25%		1.4052%
					AVERAGE 1.4026
Tuesday	July 1, 2014	0.1552%	1.25%		1.4052%
Wednesday	July 2, 2014	0.1555%	1.25%		1.4055%
Thursday	July 3, 2014	0.1555%	1.25%		1.4055%
Friday	July 4, 2014	0.1534%	1.25%		1.4034%
Saturday	July 5, 2014	0.1534%	1.25%		1.4034%
Sunday	July 6, 2014	0.1534%	1.25%		1.4034%
Monday	July 7, 2014	0.1534%	1.25%		1.4034%
Tuesday	July 8, 2014	0.1525%	1.25%		1.4025%
Wednesday	July 9, 2014	0.1528%	1.25%		1.4028%
Thursday	July 10, 2014	0.1515%	1.25%		1.4015%
Friday	July 11, 2014	0.1520%	1.25%		1.4020%
Saturday	July 12, 2014	0.1520%	1.25%		1.4020%
Sunday	July 13, 2014	0.1520%	1.25%		1.4020%
Monday	July 14, 2014	0.1520%	1.25%		1.4020%
Tuesday	July 15, 2014	0.1542%	1.25%		1.4042%
Wednesday	July 16, 2014	0.1555%	1.25%		1.4055%
Thursday	July 17, 2014	0.1562%	1.25%		1.4062%
Friday	July 18, 2014	0.1543%	1.25%		1.4043%
Saturday	July 19, 2014	0.1543%	1.25%		1.4043%
Sunday	July 20, 2014	0.1543%	1.25%		1.4043%
Monday	July 21, 2014	0.1548%	1.25%		1.4048%
Tuesday	July 22, 2014	0.1553%	1.25%		1.4053%
Wednesday	July 23, 2014	0.1550%	1.25%		1.4050%
Thursday	July 24, 2014	0.1543%	1.25%		1.4043%
Friday	July 25, 2014	0.1560%	1.25%		1.4060%
Saturday	July 26, 2014	0.1560%	1.25%		1.4060%
Sunday	July 27, 2014	0.1560%	1.25%		1.4060%
Monday	July 28, 2014	0.1550%	1.25%		1.4050%
Tuesday	July 29, 2014	0.1550%	1.25%		1.4050%
Wednesday	July 30, 2014	0.1558%	1.25%		1.4058%
Thursday	July 31, 2014	0.1560%	1.25%		1.4060%
					AVERAGE 1.4043
Friday	August 1, 2014	0.1560%	1.25%		1.4060%
Saturday	August 2, 2014	0.1560%	1.25%		1.4060%
Sunday	August 3, 2014	0.1560%	1.25%		1.4060%
Monday	August 4, 2014	0.1569%	1.25%		1.4069%
Tuesday	August 5, 2014	0.1585%	1.25%		1.4085%
Wednesday	August 6, 2014	0.1588%	1.25%		1.4088%
Thursday	August 7, 2014	0.1570%	1.25%		1.4070%
Friday	August 8, 2014	0.1560%	1.25%		1.4060%
Saturday	August 9, 2014	0.1560%	1.25%		1.4060%
Sunday	August 10, 2014	0.1560%	1.25%		1.4060%
Monday	August 11, 2014	0.1555%	1.25%		1.4055%
Tuesday	August 12, 2014	0.1560%	1.25%		1.4060%
Wednesday	August 13, 2014	0.1550%	1.25%		1.4050%
Thursday	August 14, 2014	0.1550%	1.25%		1.4050%
Friday	August 15, 2014	0.1555%	1.25%		1.4055%
Saturday	August 16, 2014	0.1555%	1.25%		1.4055%
Sunday	August 17, 2014	0.1555%	1.25%		1.4055%
Monday	August 18, 2014	0.1555%	1.25%		1.4055%
Tuesday	August 19, 2014	0.1555%	1.25%		1.4055%
Wednesday	August 20, 2014	0.1550%	1.25%		1.4050%
Thursday	August 21, 2014	0.1550%	1.25%		1.4050%
Friday	August 22, 2014	0.1550%	1.25%		1.4050%
Saturday	August 23, 2014	0.1550%	1.25%		1.4050%
Sunday	August 24, 2014	0.1550%	1.25%		1.4050%
Monday	August 25, 2014	0.1550%	1.25%		1.4050%
Tuesday	August 26, 2014	0.1560%	1.25%		1.4060%
Wednesday	August 27, 2014	0.1567%	1.25%		1.4067%
Thursday	August 28, 2014	0.1545%	1.25%		1.4045%
Friday	August 29, 2014	0.1570%	1.25%		1.4070%
Saturday	August 30, 2014	0.1570%	1.25%		1.4070%
Sunday	August 31, 2014	0.1570%	1.25%		1.4070%
					AVERAGE 1.4059
Monday	September 1, 2014	0.1565%	1.25%		1.4065%
Tuesday	September 2, 2014	0.1565%	1.25%		1.4065%
Wednesday	September 3, 2014	0.1561%	1.25%		1.4061%

Short Term Debt Rate

<div> <div>Revolver Size</div> <div>\$ 400,000,000</div> </div> <div> <div>Tenor (years)</div> <div>3</div> </div>					
Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate
Thursday	September 4, 2014	0.1561%	1.25%		1.4061%
Friday	September 5, 2014	0.1528%	1.25%		1.4028%
Saturday	September 6, 2014	0.1528%	1.25%		1.4028%
Sunday	September 7, 2014	0.1528%	1.25%		1.4028%
Monday	September 8, 2014	0.1535%	1.25%		1.4035%
Tuesday	September 9, 2014	0.1535%	1.25%		1.4035%
Wednesday	September 10, 2014	0.1535%	1.25%		1.4035%
Thursday	September 11, 2014	0.1536%	1.25%		1.4036%
Friday	September 12, 2014	0.1536%	1.25%		1.4036%
Saturday	September 13, 2014	0.1536%	1.25%		1.4036%
Sunday	September 14, 2014	0.1536%	1.25%		1.4036%
Monday	September 15, 2014	0.1536%	1.25%		1.4036%
Tuesday	September 16, 2014	0.1535%	1.25%		1.4035%
Wednesday	September 17, 2014	0.1530%	1.25%		1.4030%
Thursday	September 18, 2014	0.1535%	1.25%		1.4035%
Friday	September 19, 2014	0.1540%	1.25%		1.4040%
Saturday	September 20, 2014	0.1540%	1.25%		1.4040%
Sunday	September 21, 2014	0.1540%	1.25%		1.4040%
Monday	September 22, 2014	0.1545%	1.25%		1.4045%
Tuesday	September 23, 2014	0.1545%	1.25%		1.4045%
Wednesday	September 24, 2014	0.1535%	1.25%		1.4035%
Thursday	September 25, 2014	0.1515%	1.25%		1.4015%
Friday	September 26, 2014	0.1540%	1.25%		1.4040%
Saturday	September 27, 2014	0.1540%	1.25%		1.4040%
Sunday	September 28, 2014	0.1540%	1.25%		1.4040%
Monday	September 29, 2014	0.1525%	1.25%		1.4025%
Tuesday	September 30, 2014	0.1565%	1.25%		1.4065%
					AVERAGE 1.4040
Wednesday	October 1, 2014	0.1520%	1.25%		1.4020%
Thursday	October 2, 2014	0.1520%	1.25%		1.4020%
Friday	October 3, 2014	0.1530%	1.25%		1.4030%
Saturday	October 4, 2014	0.1530%	1.25%		1.4030%
Sunday	October 5, 2014	0.1530%	1.25%		1.4030%
Monday	October 6, 2014	0.1530%	1.25%		1.4030%
Tuesday	October 7, 2014	0.1525%	1.25%		1.4025%
Wednesday	October 8, 2014	0.1518%	1.25%		1.4018%
Thursday	October 9, 2014	0.1527%	1.25%		1.4027%
Friday	October 10, 2014	0.1528%	1.25%		1.4028%
Saturday	October 11, 2014	0.1528%	1.25%		1.4028%
Sunday	October 12, 2014	0.1528%	1.25%		1.4028%
Monday	October 13, 2014	0.1533%	1.25%		1.4033%
Tuesday	October 14, 2014	0.1518%	1.25%		1.4018%
Wednesday	October 15, 2014	0.1535%	1.25%		1.4035%
Thursday	October 16, 2014	0.1570%	1.25%		1.4070%
Friday	October 17, 2014	0.1572%	1.25%		1.4072%
Saturday	October 18, 2014	0.1572%	1.25%		1.4072%
Sunday	October 19, 2014	0.1572%	1.25%		1.4072%
Monday	October 20, 2014	0.1557%	1.25%		1.4057%
Tuesday	October 21, 2014	0.1530%	1.25%		1.4030%
Wednesday	October 22, 2014	0.1530%	1.25%		1.4030%
Thursday	October 23, 2014	0.1520%	1.25%		1.4020%
Friday	October 24, 2014	0.1520%	1.25%		1.4020%
Saturday	October 25, 2014	0.1520%	1.25%		1.4020%
Sunday	October 26, 2014	0.1520%	1.25%		1.4020%
Monday	October 27, 2014	0.1525%	1.25%		1.4025%
Tuesday	October 28, 2014	0.1535%	1.25%		1.4035%
Wednesday	October 29, 2014	0.1540%	1.25%		1.4040%
Thursday	October 30, 2014	0.1567%	1.25%		1.4067%
Friday	October 31, 2014	0.1559%	1.25%		1.4059%
					AVERAGE 1.4036
Saturday	November 1, 2014	0.1559%	1.2500%		1.4059%
Sunday	November 2, 2014	0.1559%	1.2500%		1.4059%
Monday	November 3, 2014	0.1555%	1.2500%		1.4055%
Tuesday	November 4, 2014	0.1555%	1.2500%		1.4055%
Wednesday	November 5, 2014	0.1555%	1.2500%		1.4055%
Thursday	November 6, 2014	0.1555%	1.2500%		1.4055%
Friday	November 7, 2014	0.1573%	1.2500%		1.4073%
Saturday	November 8, 2014	0.1573%	1.2500%		1.4073%
Sunday	November 9, 2014	0.1573%	1.2500%		1.4073%
Monday	November 10, 2014	0.1543%	1.2500%		1.4043%
Tuesday	November 11, 2014	0.1533%	1.2500%		1.4033%
Wednesday	November 12, 2014	0.1528%	1.2500%		1.4028%
Thursday	November 13, 2014	0.1547%	1.2500%		1.4047%
Friday	November 14, 2014	0.1530%	1.2500%		1.4030%
Saturday	November 15, 2014	0.1530%	1.2500%		1.4030%
Sunday	November 16, 2014	0.1530%	1.2500%		1.4030%
Monday	November 17, 2014	0.1540%	1.2500%		1.4040%
Tuesday	November 18, 2014	0.1550%	1.2500%		1.4050%
Wednesday	November 19, 2014	0.1550%	1.2500%		1.4050%
Thursday	November 20, 2014	0.1550%	1.2500%		1.4050%
Friday	November 21, 2014	0.1553%	1.2500%		1.4053%
Saturday	November 22, 2014	0.1553%	1.2500%		1.4053%
Sunday	November 23, 2014	0.1553%	1.2500%		1.4053%
Monday	November 24, 2014	0.1535%	1.2500%		1.4035%
Tuesday	November 25, 2014	0.1563%	1.2500%		1.4063%
Wednesday	November 26, 2014	0.1558%	1.2500%		1.4058%
Thursday	November 27, 2014	0.1550%	1.2500%		1.4050%
Friday	November 28, 2014	0.1540%	1.2500%		1.4040%
Saturday	November 29, 2014	0.1540%	1.2500%		1.4040%
Sunday	November 30, 2014	0.1540%	1.2500%		1.4040%
					AVERAGE 1.4049

KCP&L Greater Missouri Operations
Crossroads Transmission Expense Correction Calculation

MPS-Crossroads Transmission Expense

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
MPS MISO Transmission Total	(110,202)	(1,984,204)	(665,331)	(732,321)	(708,817)	(729,443)	(670,386)	(753,939)	(754,608)	(730,294)	(754,628)	(731,399)	(757,018)	(781,717)	(706,179)
MPS Crossroads Transmission expense excluded in FAC-Section 7 filing	67,348	817,059	551,364	610,288	590,602	610,288	609,353	629,665	629,665	609,465	629,781	609,465	630,979	647,345	584,699
Difference of MPS Crossroads Transmission and exclusion from FAC	(42,854)	(1,167,146)	(113,967)	(122,033)	(118,215)	(119,154)	(61,033)	(124,273)	(124,943)	(120,829)	(124,848)	(121,933)	(126,038)	(134,372)	(121,480)
Less 5%	2,143	58,357	5,698	6,102	5,911	5,958	3,052	6,214	6,247	6,041	6,242	6,097	6,302	6,719	6,074
Less Muni	229	7,614	601	687	496	528	274	566	720	579	657	613	723	777	643
Total difference	(40,483)	(1,101,174)	(107,668)	(115,244)	(111,808)	(112,669)	(57,708)	(117,493)	(117,975)	(114,208)	(117,949)	(115,224)	(119,014)	(126,876)	(114,763)
Interest Rate	0.0014	0.0014	0.0014	0.0014	0.0014	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Interest calculation		(56)	(1,570)	(1,718)	(1,876)	(1,722)	(1,854)	(1,935)	(2,058)	(2,196)	(2,329)	(2,484)	(2,638)	(2,779)	(2,950)
	(40,483)	(1,101,230)	(109,238)	(116,962)	(113,684)	(114,391)	(59,562)	(119,428)	(120,034)	(116,404)	(120,278)	(117,708)	(121,652)	(129,656)	(117,713)

L&P-Crossroads Transmission Expense

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
L&P MISO Transmission Total	(101,985)	(257,345)	(233,765)	(257,302)	(249,044)	(257,282)	(256,352)	(264,897)	(265,133)	(256,590)	(265,143)	(256,978)	(265,979)	(274,657)	(248,117)
L&P Crossroads Transmission expense excluded in FAC-Section 7 filing	86,928	214,478	193,722	214,426	207,509	214,426	214,097	221,234	221,234	214,136	221,274	214,136	221,695	227,446	205,435
Difference of L&P Total Crossroads Transmission and exclusion from FAC	(15,057)	(42,867)	(40,043)	(42,876)	(41,535)	(42,857)	(42,255)	(43,664)	(43,899)	(42,453)	(43,869)	(42,841)	(44,284)	(47,212)	(42,682)
Less 5%	753	2,143	2,002	2,144	2,077	2,143	2,113	2,183	2,195	2,123	2,193	2,142	2,214	2,361	2,134
Less Muni															
Total difference	(14,304)	(40,724)	(38,040)	(40,733)	(39,458)	(40,714)	(40,142)	(41,480)	(41,704)	(40,331)	(41,675)	(40,699)	(42,070)	(44,851)	(40,548)
Interest Rate	0.0014	0.0014	0.0014	0.0014	0.0014	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Interest calculation		(20)	(76)	(128)	(184)	(202)	(250)	(299)	(345)	(394)	(441)	(493)	(544)	(594)	(652)
	(14,304)	(40,744)	(38,116)	(40,861)	(39,642)	(40,916)	(40,392)	(41,779)	(42,049)	(40,724)	(42,116)	(41,192)	(42,614)	(45,445)	(41,200)

KCP&L Greater Missouri Operations
Crossroads Transmission Expense Correction Calculation

MPS-Crossroads Transmission Expense

	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Grand Total Jan 14 - Nov 15
MPS MISO Transmission Total	(769,456)	(756,845)	(782,059)	(763,700)	(789,056)	(788,845)	(763,748)	(789,090)	(17,773,285)
MPS Crossroads Transmission expense excluded in FAC-Section 7 filing	647,345	626,463	647,345	633,551	654,459	654,459	633,348	654,459	13,978,797
Difference of MPS Crossroads Transmission and exclusion from FAC	(122,111)	(130,382)	(134,713)	(130,149)	(134,597)	(134,386)	(130,400)	(134,631)	(3,794,488)
Less 5%	6,106	6,519	6,736	6,507	6,730	6,719	6,520	6,732	189,724
Less Muni	628	566	555	574	667	628	592	874	20,790
Total difference	(115,378)	(123,297)	(127,423)	(123,067)	(127,200)	(127,039)	(123,288)	(127,026)	(3,583,974)
Interest Rate	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	
Interest calculation	(3,087)	(3,224)	(3,395)	(3,548)	(3,721)	(3,875)	(4,000)	(4,206)	(57,222)
	(118,464)	(126,521)	(130,818)	(126,615)	(130,921)	(130,913)	(127,288)	(131,232)	(3,641,196)

L&P-Crossroads Transmission Expense

	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Grand Total Jan 14 - Nov 15
L&P MISO Transmission Total	(270,350)	(265,919)	(274,777)	(268,327)	(277,236)	(277,162)	(268,344)	(277,248)	(5,889,932)
L&P Crossroads Transmission expense excluded in FAC-Section 7 filing	227,446	220,109	227,446	222,599	229,945	229,945	222,528	229,945	4,902,138
Difference of L&P Total Crossroads Transmission and exclusion from FAC	(42,904)	(45,810)	(47,332)	(45,728)	(47,291)	(47,217)	(45,816)	(47,303)	(987,793)
Less 5%	2,145	2,290	2,367	2,286	2,365	2,361	2,291	2,365	49,390
Less Muni									-
Total difference	(40,759)	(43,519)	(44,965)	(43,441)	(44,926)	(44,856)	(43,525)	(44,938)	(938,404)
Interest Rate	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	
Interest calculation	(700)	(749)	(806)	(860)	(919)	(973)	(1,020)	(1,087)	(11,733)
	(41,459)	(44,268)	(45,771)	(44,302)	(45,845)	(45,829)	(44,545)	(46,025)	(950,137)