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-2014-_____

Date Testimony Prepared: December 31, 2013

MISSOURI PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY

OF

LINDA J. NUNN

DIRECT TESTIMONY

OF

LINDA J. NUNN

Case No.

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 a
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"). I am responsible for most aspects of the GMO Fuel
11		Adjustment Clause ("FAC") as well as the GMO Steam Quarterly Cost
12		Adjustment ("QCA"). I am also responsible for various regulatory reporting and
13		general activities as they relate to the Missouri Public Service Commission
14		("MPSC" or "Commission").
15	Q:	Please describe your education.
16	A:	I received a Bachelors of Science Degree in Business Administration with a
17		concentration in Accounting from Northwest Missouri State University in
18		Maryville, Missouri.
19	Q:	Please provide your work experience.

1	A:	I became a Senior Regulatory Analyst with KCP&L in 2008, as a part of the
2		acquisition of Aquila, Inc., by Great Plains Energy. In 2013 I was promoted to
3		Supervisor - Regulatory Affairs. Prior to my employment with KCP&L, I was
4		employed by Aquila, Inc. for a total of eleven years. In addition to Regulatory, I
5		have had experience in Accounting, Audit, and Business Services where I had
6		responsibility for guiding restructuring within the delivery division. In addition to
7		my utility experience I was the business manager and controller for two area
8		churches. Prior to that, I was an external auditor with Ernst & Whinney.
9	Q:	Have you previously testified in a proceeding before the MPSC or before any
10		other utility regulatory agency?
11	A:	I have provided written testimony in various filings made before the MPSC
12		relating to KCP&L GMO's FAC. I have also worked closely with many MPSC
13		Staff on numerous filings as well as on rate case issues.
14	Q.	What is the purpose of your testimony?
15	A.	The purpose of my testimony is to support the tenth true-up filing being made by
16		GMO under the provisions in 4 CSR 240-20.090(4) and (5) and the Company's
17		approved fuel and purchased power cost recovery mechanism.
18	Q.	What is the purpose of the true-up filing?
19	A.	The purpose of this true-up filing is to identify the amount over or under-
20		recovered from the tenth 12-month recovery period under the Company's FAC.
21	Q.	Please explain the FAC process, including the accumulation, filing, recovery
22		and true-up periods.

1	A.	Each FAC begins with an accumulation period which covers a six-month period
2		in which the costs of the fuel and purchased power components net of off system
3		sales revenues contained in the FAC are accumulated and compared to the base
4		energy costs that are in rates over that same time frame. The net of the costs
5		compared to the base energy costs in the current rates is the amount to be
6		recovered or returned to customers over the recovery period. After the
7		accumulation period, GMO files with the Commission the Cost Adjustment
8		Factor ("CAF"). The CAF is the rate that will be charged to customers over the
9		recovery period. Between the accumulation period until the beginning of the
10		recovery period is three months. The recovery period for GMO is twelve months.
11		After the recovery period, a true-up is filed which reflects all the activities and
12		summarizes the balances of the FAC. The balances will then be included in the
13		next CAF filing.
14	Q.	What was the timing of the accumulation and recovery relating to this true-
15		up?
16	A.	The accumulation period went from December 1, 2011 through May 31, 2012.
17		The recovery period for that accumulation was September 1, 2012 through August
18		31, 2013.
19	Q.	Why would there be a difference between the accumulated over or under-
20		recovery and the amount billed during the recovery period?
21	A.	The CAF is calculated based upon projected kWh sales for the recovery period.
22		Since the CAF is based upon a projected number, once actual sales are recorded, a

1		difference exists between the estimate and the actual kWh billed. This difference
2		will be "trued-up" in the next FAC filing.
3	Q.	What was the difference between what was accumulated, along with interest
4		and the amount billed through the recovery mechanism?
5	A.	For the GMO territory served as MPS, the FAC was over-collected by \$52,753.
6		For the GMO territory served as L&P, the FAC was under-collected by \$110,415.
7	Q.	What impact will this have on future FAC adjustment rate schedules filed?
8	A.	The true-up amount identified in this true-up filing will be included in the next
9		semi-annual FAC rate schedule filing. Since the Company's tenth FAC recovery
10		period ended August 31, 2013, the above over and under-recoveries will be
11		included in the semi-annual filing to be made on or before January 1, 2014
12		covering the accumulation period of June 1, 2013 through November 30, 2013.
13	Q.	How did you develop the proposed true-up amounts that are being requested
14		in this filing?
15	A.	As indicated above, the true-up amount is the net of the accumulated expenditures
16		over or under the base FAC costs as set in rates during the accumulation period
17		plus interest and any adjustments, and the amount billed during the recovery
18		period. The details associated with this calculation are filed along with this
19		testimony in Schedule LJN – Schedule 1. This schedule contains a summary and
20		all supporting work papers for the calculation.
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 November 30, 2013.
- 6 Q. Does this conclude your testimony?
- 7 A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of the Application of KCP&L Greater Missouri Operations Company Containing Its Annual Fuel Adjustment Clause True-Up) Case No. ER-2014)
AFFIDAVIT O	F LINDA J. NUNN
STATE OF MISSOURI)	
COUNTY OF JACKSON)	
Linda J. Nunn, being first duly sworn o	on his oath, states:
1. My name is Linda J. Nunn. I w	ork in Kansas City, Missouri, and I am employed
by Kansas City Power & Light Company as Su	apervisor - Regulatory Affairs.
2. Attached hereto and made a par	t hereof for all purposes is my Direct Testimony
*	ions Company For All Territories Served As L&P
and MPS, consisting of +ive S page	s, having been prepared in written form for
introduction into evidence in the above-caption	ned docket.
3. I have knowledge of the matters	s set forth therein. I hereby swear and affirm that
my answers contained in the attached testimon	y to the questions therein propounded, including
any attachments thereto, are true and accurate t	to the best of my knowledge, information and
belief.	Linca J. Nunn inda J. Nunn
Subscribed and sworn before me this 3154 day of	of December 2013.
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Mi wo A. her otary Public
Nicole A. Wehry Notary Public - Notary Seal State of Missouri Commissioned for Jackson County My Commission Exprise: Expression A. 2015 My Commission Exprise: Expression A. 2015	otary Public
My Commission Express February M. 2015 My commission exp	ires: The 4 2015

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: December 1, 2011 through May 31, 2012 Recovery Period: September 1, 2012 through August 31, 2013

М	PS
IVI	ГО

Accumulation 7th True-up Over Recovery Interest Filed Recovery	\$ (1,914,969) (81,390) 199,501 1,744,106
Proposed Adjustment for Over Recovery	\$ (52,753)
L&P Accumulation 7th True-up Over Recovery Interest Filed Recovery	\$ 210,526 (16,678) 127,746 (211,179)
Proposed Adjustment for Under Recovery	\$ 110,415

Short-Term Borrowing Rate:

Annual	Monthly
2.29%	0.19%
2.03%	0.17%
2.00%	0.17%
1.99%	0.17%
1.99%	0.17%
1.99%	0.17%
	2.29% 2.03% 2.00% 1.99% 1.99%

Accumulation

MPS												
	Re	esidential	Co	ommercial		Industrial	Streetlights	(Gov't-Other	Total Retail	Wholesale	Total
Dec-11	\$	(400,729)	\$	(251,238)	\$	(82,122)	\$ (2,785)	\$	(49,017)	\$ (785,891)	\$ (4,222) \$	\$ (790,113)
Jan-12		(154,462)		(94,383)		(31,823)	(1,018)		(18,063)	\$ (299,749)	(1,740)	(301,489)
Feb-12		(111,965)		(77,451)		(30,936)	(899)		(15,919)	\$ (237,170)	(1,447)	(238,617)
Mar-12		(256,203)		(213,084)		(77,927)	(2,535)		(40,908)	\$ (590,657)	(2,936)	(593,593)
Apr-12		(189,607)		(214,825)		(80,895)	(2,441)		(42,745)	\$ (530,513)	(2,731)	(533,244)
May-12		211,992		197,997		75,977	2,172		40,873	\$ 529,011	2,281	531,292
Total	\$	(900,974)	\$	(652,983)	\$	(227,727)	\$ (7,506)	\$	(125,779)	\$ (1,914,969)	\$ (10,795)	\$ (1,925,764)
									Secondary	Primary		
NSI by Volta	age						2,982,791,000	2	2,590,761,279	392,029,721		
Secondary/	Primar	y Distribution							86.86%	13.14%		
Accumulation	on by \	/oltage						\$	(1,672,660)	\$ (253,104)	\$ (1,925,764)	
			_									
•		oltage Level		•								
		ondary Custo					2,382,033,443					
		nary Custome					183,934					
		nary Custome					25,040,261					
		nary Custome					313,786,086					
CIS	+ Prim	nary Custome	rs - N	ЛО737		,	9,776,500					
	Tot	al CIS+					2 720 920 224					
			الممال		. \		2,730,820,224					
		•		co use, losses	•)		237,373,505					
	ıota	al Wholesale	RIIIIN	gs (Primary)			14,597,271					
		Total kwh					2,982,791,000					

MOPUB FAC BALANCE BY RECOVERY PERIOD & INTEREST CALCULATION

	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13
-	Dec-11	Recovery Period Jan-12	—													
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance	1,336,235.69 2,670,495	1,402,947.63 1,267,547	1,348,937.67 -81,390													
Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up																
•				R	ecovery Period				→							
	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12							
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance	911,054.65 7,921,939	955,786.72 6,966,152	919,368.20 6,046,784	845,297.61 5,201,486	769,592.31 4,431,894	768,807.02 3,663,087	1,052,930.50 2,610,156	1,267,745.80 1,342,411	1,239,660.48 102,750							
Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up				5,201,486 4,431,894 3,663,087 2,610,156 1,342,411 102,750 Mar-12 Apr-12 May-12 Jun-12 Jul-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Feb-13 934,276.31 850,602.03 849,734.07 1,163,765.29 1,401,192.73 1,370,151.06 1,143,906.49 887,946.48 868,028.74 947,791.59 1,125,351.68 993,668.24												
	Fil	ling and Approval		4					Recovery Pe	riod -					→	
	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12			Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate	12,850,817	12,850,817	12,850,817	934,276.31 11,916,541	850,602.03 11,065,939	849,734.07 10,216,205	1,163,765.29 9,052,440	1,401,192.73 7,651,247	1,370,151.06 6,281,096	1,143,906.49 5,137,189	887,946.48 4,249,243	868,028.74 3,381,214	947,791.59 2,433,423	1,125,351.68 1,308,071	993,668.24 314,403	
C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up																
0/14/0 2/14/4-14-4	Dec-11	Jan-12	Accumulation p Feb-12 (81,390.35)	Mar-12	Apr-12	May-12	Jun-12	Filing and Approval Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Recovery l Feb-13	Period Mar-13
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance	(785,891.18) (785,891)	(299,749.46) (1,085,641)	(237,170.17) (1,404,201)	(590,656.91)	(530,512.86) (2,525,371)	529,011.24 (1,996,360)	(1,796,859)	(1,796,859)	(1,796,859)	(163,415.21) (1,633,443)	(126,849.50) (1,506,594)	(124,004.11) (1,382,590)	(135,398.80) (1,247,191)	(160,764.53) (1,086,427)	(141,952.61) (944,474)	(144,157.66) (800,316)
Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal)	0.19% 52,239.01	0.17% 38,328.70	0.17% 33,331.46	0.17% 29,009.89	0.17% 25,079.26	0.17 % 21,512.67										
CUMM Accrued Interest Balance Annual True-up	52,239	90,568	123,899	152,909	177,988	199,501										
									Accumulation p					Filing and Approval		
							◆ Jun-12	Jul-12	Aug-12 102,750.02	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	◆ Mar-13
C/M (Over)/Under Accrued C/M (Over)/Under Recovery							1,699,450.33	4,261,856.02	2,977,819.70	238,740.11	(254,717.83)	66,708.39				720,788.28
CUMM (Over)/Under Balance Remand Ordered							1,699,450	5,961,306	9,041,876	9,280,616	9,025,898	9,092,607	9,215,717	9,215,717	9,215,717	8,494,929
Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up							0.17% 19,705.86 19,706	0.17% 19,275.31 38,981	0.17% 21,820.52 60,802	0.16% 22,205.37 83,007	0.16% 20,881.12 103,888	0.16% 19,221.96 123,110				
remain rice op													Dec-12	Jan-13	Accumulation Feb-13	n period Mar-13
C/M (Over)/Under Accrued													(289,421.66)	105,102.00	314,402.70 902,427.33	2,011,462.82
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered													(289,422)	(184,320)	1,032,510	3,043,973
Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up													0.16% 18,115.68 18,116	0.16% 16,517.13 34,633	0.16% 15,036.19 49,669	0.16% 15,118.60 64,788

MOPUB FAC BALANCE BY RECOVERY PI

	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14
-																	
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance																	
Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up																	
•																	
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance																	
Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up																	
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued interest Balance Annual True-up																	
Armuai True-up																	
_	Apr-13	→ May-13	Jun-13	Jul-13	Aug-13												
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance	Apr-13 (135,323.71) (664,993)	May-13 (126,654.91) (538,338)	Jun-13 (139,713.19) (398,625)	Jul-13 (175,438.43) (223,186)	Aug-13 (170,432.96) (52,753)												
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal)	(135,323.71) (664,993)	(126,654.91) (538,338)	(139,713.19) (398,625)	(175,438.43) (223,186)	(170,432.96) (52,753)												
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up	(135,323.71)	(126,654.91)	(139,713.19)	(175,438.43)	(170,432.96) (52,753)	Sep-13 -	Oct-13	Nov-13	Dec-13	Jan-14	—→ Feb-14						
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued interest Balance	(135,323.71) (664,993)	(126,654.91) (538,338)	(139,713.19) (398,625)	(175,438.43) (223,186)	(170,432.96) (52,753)		0et-13 667,677.89 3,205,051	Nov-13 - 3,205,051	Dec-13 - 3,205,051	Jan-14 - 3,205,051	Feb-14 3,205,051						
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Realance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued interest Balance	(135,323.71) (664,993) Apr-13	(126,654.91) (538,338) May-13 633,274.56 7,185,036	(139,713.19) (398,625) Jun-13 698,565.94 6,486,470	(175,438.43) (223,186) Jul-13	(170,432.96) (52,753) Recovery Period Aug-13	Sep-13 - 884,383.28	667,677.89	-	-	-	-	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-1
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued Interest Balance Annual True-up C/M (Over)/Under Accrued C/M (Over)/Under Accovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued interest (P/M Bal) CUMM Accrued interest Balance Annual True-up C/M (Over)/Under Accrued	(135,323,71) (694,993) Apr-13 676,618.53 7,818,310	(126,654.91) (538,338) May-13	(139,713.19) (398,625) Jun-13 698,565.94 6,486,470	(175,438.43) (223,186) Jul-13 877,192.14 5,609,277	(170,432.96) (52,753) Recovery Period Aug-13 852,164.80 4,757,113	Sep-13 884,383,28 3,872,729	667,677.89 3,205,051 Oct-13	3,205,051	3,205,051	- 3,205,051	3,205,051 Recovery Period	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-1∙
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM Accrued interest Balance Annual True-up C/M (Over)/Under Accrued C/M (Over)/Under Accrued C/M (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest (P/M Bal) CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest Balance Annual True-up	(135,323.71) (664,993) Apr-13 676,618.53 7,818,310	(126,654.91) (538,338) May-13 633,274.56 7,185,036	(139,713.19) (398,625) Jun-13 698,565.94 6,486,470	(175,438.43) (223,186) Jul-13 877,192.14 5,609,277	(170,432.96) (52,753) Recovery Period Aug-13 852,164.80 4,757,113	Sep-13 - 884,383.28 3,872,729	667,677.89 3,205,051	3,205,051	3,205,051	- 3,205,051	3,205,051 Recovery Period	Mar-14 2,986,764	Apr-14 2,986,764	May-14 - 2,986,764	Jun-14 - 2,986,764	Jul-14 - 2,986,764	Aug-1- - 2,986,764

Filing and Approval

Accumulation period

Recovery Period

MPS Recovery

		Recovery												Total
Tota	al	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Recovered
Residential		76,772	49,904	51,530	62,103	82,644	69,728	71,084	60,620	52,584	58,668	84,592	81,901	802,130
Commercial		56,571	49,310	45,852	47,666	51,396	47,042	47,461	48,032	47,538	53,038	59,530	57,975	611,411
Industrial		18,183	17,101	17,178	16,053	16,362	15,761	16,092	16,815	16,793	17,652	19,557	19,275	206,822
Gov't-Other		11,889	10,535	9,444	9,577	10,363	9,422	9,521	9,856	9,740	10,355	11,759	11,283	123,744
Total	<u> </u>	163,415	126,849	124,004	135,399	160,765	141,953	144,158	135,324	126,655	139,713	175,438	170,433	1,744,106
Primary v	voltage													
Residential		_	-	-	_	_	_	-	-	_	-	_	_	_
Commercial		4.845	4,481	4,339	4,375	4,622	4,258	4,633	4,837	4,709	5,111	5,678	5,299	57,187
Industrial		11,908	11,252	11,524	10,585	11,006	10,443	10,700	11,173	11,101	12,225	12,381	12,890	137,187
Gov't-Other		3,762	3,154	2,744	2,694	2,888	2,645	2,527	2,696	2,907	3,314	4,184	3,627	37,141
Total	_	20,515	18,887	18,606	17,655	18,516	17,346	17,860	18,705	18,717	20,650	22,243	21,817	231,516
	_		(0.0000)						0.0045					
		Period CAF	(0.0003)					ent Period CAF	0.0015					
		Period CAF	0.0021				Previous Period ((0.0003)					
		Annual CAF	0.0018				Annual CAF Previous Period CAF %		0.0012					
	Previous Pe	riod CAF %	-16.6666667%				Previous	Period CAF %	-25.0000000%					
Total Prima	ry before rec	overy period	split											
Commercial		(29,069)	(26,883)	(26,034)	(26,251)	(27,735)	(25,547)	(18,531)	(19,347)	(18,838)	(20,445)	(22,714)	(21,196)	(282,589)
Industrial		(71,446)	(67,513)	(69,143)	(63,511)	(66,035)	(62,657)	(42,800)	(44,691)	(44,406)	(48,899)	(49,522)	(51,562)	(682,185)
Gov't-Other		(22,572)	(18,922)	(16,461)	(16,166)	(17,328)	(15,871)	(10,109)	(10,782)	(11,626)	(13,254)	(16,737)	(14,509)	(184,339)
Total	_	(123,087)	(113,319)	(111,638)	(105,927)	(111,098)	(104,074)	(71,440)	(74,820)	(74,870)	(82,599)	(88,973)	(87,267)	(1,149,113)
Secondary	voltage													
Residential		76,772	49,904	51,530	62,103	82,644	69,728	71,084	60,620	52,584	58,668	84,592	81,901	392,682
Commercial		51,726	44,829	41,513	43,291	46,773	42,784	42,829	43,196	42,829	47,927	53,852	52,676	270,917
Industrial		6,275	5,849	5,654	5,467	5,356	5,318	5,392	5,642	5,692	5,427	7,177	6,384	33,920
Gov't-Other		8,127	7,381	6,701	6,882	7,475	6,777	6,994	7,161	6,833	7,042	7,575	7,656	43,343
Total	=	142,901	107,963	105,398	117,744	142,248	124,607	126,298	116,619	107,938	119,064	153,195	148,616	1,512,589
	Current	Period CAF	(0.0003)				Curr	ent Period CAF	0.0015					
		Period CAF	0.0021					ous Period CAF	(0.0003)					
		Annual CAF	0.0018					Annual CAF	0.0012					
	Previous Pe		-16.6666667%				Previous	Period CAF %	-25.0000000%					

Accumulation

L&I)
-----	---

	Re	sidential	С	ommercial	Industrial	Streetlights	Gov't-Other	Total Retail
Dec-11	\$	146,681	\$	104,179	\$ 83,976	\$ 1,606	\$ -	\$ 336,443
Jan-12		(75,151)		(57,589)	(43,532)	(793)	-	(177,065)
Feb-12		2,397		2,025	1,664	29	-	6,115
Mar-12		(37,673)		(37,494)	(30,725)	(566)	-	(106,458)
Apr-12		13,765		23,792	21,883	375	-	59,815
May-12		25,790		34,513	30,878	495	-	91,676
Total	\$	75,811	\$	69,425	\$ 64,144	\$ 1,146	\$ -	\$ 210,526

	_	Secondary	Primary	
NSI by Voltage	1,103,414,990	955,954,613	147,460,377	
Secondary/Primary Distribution	_	86.64%	13.36%	
Accumulation by Voltage	_	182,391	28,135	210,526

Base Energy by Voltage Level:

CIS+ Secondary Customers	895,579,031
CIS+ Primary Customers - MO938	3,701,718
CIS+ Primary Customers - MO939	217,621
CIS+ Primary Customers - MO945	67,064,318
CIS+ Primary Customers - MO946	34,175,328
CIS+ Primary Customers - MO947	32,967,153
_	
Total CIS+ (CS5005Y)	1,033,705,169
Other kWh (unbilled, co use, losses)	69,709,821
Total kwh	1,103,414,990

SJLP FAC Balance By recovery Period Interest Calculation

ST. JOSEPH LIGHT&POWER FAC BALANCE BY RECOVERY P C/M (Over)*Under Accrued C/M (Over)*Under Recovery C/JMM (Over)*Under Balance Monthly STD rate C/M Accrued interest C/JMM accrued interest Balance Annual Tinus-up	Dec-11 Dec-11 165.489 320.500.20	Jan-12 Recovery Period Jan-12 170.595 149.904.82	Feb-12 Feb-12 166.583 (16.678.04)	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
4	Dec-11	– Jan-12	Feb-12	Mar-12	Recovery Period Apr-12	May-12	Jun-12	→ Jul-12	Aug-12										
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance	335,460.79 2,625,999.03	345,974.23 2,280,024.80	337,951.41 1,942,073.39	313,405 1,628,668.76	269,680 1,358,989.09	258,123 1,100,865.98	343,057 757,809.38	386,305 371,504.46	369,435 2,069.95										
Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance Annual True-up																			
	Fi Dec-11	ling and Approval Jan-12	Feb-12	◆ Mar-12	Apr-12	May-12	Jun-12	Jul-12	Recovery Pe Aug-12	riod Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13				
C/M (Over)/Under Accrued C/M (Over)/Under Recovery C/JMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued Interest C/JMM Accrued Interest Balance Annual True-up	10,324,411.54	10,324,411.54	10,324,411.54	813,607.97 9,510,803.58	699,339.97 8,811,463.60	669,965.46 8,141,498.14	889,575.98 7,251,922.16	1,003,466.61 6,248,455.55	959,215.75 5,289,239.80	818,671 4,470,568.59	735,530 3,735,038.22	750,688 2,984,350.60	800,855 2,183,495.98	956,544 1,226,951.93	869,309 357,642.54				
	-		Accumulati	ion period			Fi	ling and Approval						-	Recovery	Period			
C/M (Over)/Under Accrued	Dec-11 336,442.98	Jan-12 (177,065.15)	Feb-12 (16,678.04) 6,114.63	Mar-12 (106,457.70)	Apr-12 59,814.92	May-12 91,676.49	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
C/M (Over)/Under Recovery CUMM (Over)/Under Balance	336,442.98	159,377.83	148,814.42	42,356.72	102,171.64	193,848.13	321,593.68	321,593.68	321,593.68	17,531.11 304,062.57	15,758.16 288,304.41	16,081.34 272,223.07	17,137.95 255,085.12	20,455.57 234,629.54	18,599.01 216,030.54	18,473 197,557.34	17,284 180,273.59	15,883 164,390.40	16,334 148,056.23
Remand Ordered Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance Annual True-up	0.19% 27,036.23 27,036	0.17% 23,019.11 50,055	0.17% 21,522.86 71,578	0.17% 20,588.70 92,167	0.17% 18,543.20 110,710	0.17% 17,035.44 127,746													
							€ Jun-12	Jul-12	Accumulation p	period Sep-12	Oct-12	Nov-12	Dec-12	Filing and Approval Jan-13	Feb-13	◆ Mar-13	Apr-13	May-13	Jun-13
C/M (Over)/Under Accrued							726,386.70	1,511,991.94	2,069.95 819,930.41	310,720.23	74,424.78	124,965.76							
C/M (Over)/Under Recovery CUMM (Over)/Under Balance							726,386.70	2,238,378.64	3,060,379.00	3,371,099.23	3,445,524.01	3,570,489.77	3,656,200.21	3,656,200.21	3,656,200.21	314,044.40 3,342,155.81	293,823.65 3,048,332.16	270,014.28 2,778,317.88	277,680.82 2,500,637.06
Remand Ordered Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance							0.17% 15,648.39 15,648	0.17% 15,096.19 30,745	0.17% 15,223.39 45,968	0.16% 14,238.64 60,207	0.16% 13,304.69 73,511	0.16% 12,199.15 85,710							
Annual True-up													Dec-12	Jan-13	Accumulation Feb-13	period Mar-13	Apr-13	May-13	Jun-13
C/M (Over)/Under Accrued C/M (Over)/Under Recovery													609,087.46	831,541.84	357,642.54 256,090.14	467,004.91	135,694.80	667,524.27	
CUMM (Over)/Under Balance Remand Ordered													609,087.46	1,440,629.30	2,054,361.98	2,521,366.89	2,657,061.69	3,324,585.96	3,386,388.08
Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance Annual True-up													0.16% 11,150.87 11,151	0.16% 10,949.65 22,101	0.16% 10,657.42 32,758	0.16% 9,630.71 42,389	0.16% 9,849.26 52,238	0.16% 9,564.21 61,802	
																			Jun-13
C/M (Over)/Under Accrued C/M (Over)/Under Recovery																			350,006.48
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered																			350,006.48
Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance Annual True-up																			0.16% 10,132.13 10,132

C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance Annual True-up

LJN - Schedule 1 Page 7 of 12

SJLP FAC Balance By recovery Period Interest Calculation

ST. JOSEPH LIGHT&POWER FAC BALANCE BY RECOVERY	P Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance														
Monthly STD rate C/M Accrued Interest CUMM Accrued Interest Balance Annual True-up														
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance														
Monthly STD rate C/M Accrued Interest CUMM Accrued Interest Balance Annual True-up														
C/M (Over)/Under Accrued C/M (Over)/Under Recovery C/MM (Over)/Under Balance Remand Ordered Morthly STD rate C/M Accrued interest Balance Annual True-up														
	→ Jul-13	Aug-13												
C/M (Over)/Under Accrued C/M (Over)/Under Recovery C/MM (Over)/Under Balance Remand Ordered Monthly STD Total C/M Accrued interest C/M Accrued interest Balance Annual True-up	18.926 129.130.47	18,715 110,415.14												
	- Jul-13	Recovery Po	eriod Sep-13	Oct-13	Nov-13	Dec-13	→ Jan-14	Feb-14						
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered Monthly STD Total C/M Accrued interest C/M Accrued interest Balance Annual True-up	321,737.88 2,178,899.18	318,160.74 1,860,738.43	335,072 1,525,666.41	267,191 1,258,475.64	1,258,475.64	1,258,475.64	1,258,475.64	1,258,475.64						
	Filing and Approval Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Recovery P Feb-14	eriod Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14
C/M (Over)/Under Accrued C/M (Over)/Under Recovery CUMM (Over)/Under Reacovery CUMM Over)/Under Balance Remand Ordered Monthly STD rate C/M Accrued interest CUMM Accrued interest Balance Annual True-up	3,386,388.08	3,386,388.08	312,309.57 3,074,078.50	248,962.47 2,825,116.04	2,825,116.04	2.825,116.04	2,825,116.04	2,825,116.04	2,825,116.04	2,825,116.04	2.825,116.04	2,825,116.04	2,825,116.04	2,825,116.04
	Jul-13	Accumulation Aug-13	period Sep-13	Oct-13	Nov-13	Dec-13	Filing and Approval Jan-14	Feb-14	Mar-14	Apr-14	Recovery May-14	Period Jun-14	Jul-14	Aug-14
C/M (Over)/Under Accrued	467,277.87	110,415.14 216,477.76	13,264.38	(262,484.77)		•		,						
C/M (Over)/Under Recovery CUMM (Over)/Under Balance Remand Ordered	817,284.35	1,144,177.25	1,157,441.63	894,956.86	894,956.86	953,341.05	953,341.05	953,341.05	953,341.05	953,341.05	953,341.05	953,341.05	953,341.05	953,341.05
Monthly STD rate C/M Accrued interest CUMM Accrued Interest Balance Annual True-up	0.16% 10,322.56 20,455	0.16% 10,472.99 30,928	0.16% 10,279.35 41,207	0.16% 9,211.50 50,419	0.16% 7,965.68 58,384									
C/M (Over)/Under Accrued						Dec-13	Jan-14	Accumulation Feb-14 1,258,475.64	period Mar-14	Apr-14	May-14	Fil Jun-14	ing and Approval Jul-14	Aug-14
C/M (Over)/Under Recovery CUMM (Over)/Under Balance						_	-	1,258,475.64	1,258,475.64	1,258,475.64	1,258,475.64	1,306,736.78	1,306,736.78	1,306,736.78
Remand Ordered Monthly STD rate						0.16%	0.16%	0.16%	0.16%	0.16%	0.16%			
C/M Accrued interest CUMM Accrued Interest Balance Annual True-up						7,965.68 7.966	8,059.09 16.025	8,059.09 24.084	8,059.09 32.143	8,059.09 40.202	8,059.09 48,261			

L&P Recovery

							Recove	ry						Total
Tota	al	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Recovered
Residential		(5,903)	(4,298)	(5,003)	(6,479)	(8,810)	(7,499)	(7,399)	(6,112)	(4,998)	(4,719)	(6,653)	(6,346)	(74,221)
Commercial		(6,420)	(5,801)	(5,744)	(5,712)	(6,512)	(6,115)	(5,968)	(5,938)	(5,822)	(6,154)	(6,784)	(6,656)	(73,625)
Industrial		(5,122)	(5,571)	(5,246)	(4,857)	(5,045)	(4,945)	(4,952)	(5,098)	(4,976)	(5,374)	(5,403)	(5,627)	(62,214)
Gov't-Other	_	(87)	(88)	(89)	(90)	(89)	(39)	(155)	(136)	(87)	(86)	(85)	(86)	(1,118)
Total	=	(17,531)	(15,758)	(16,081)	(17,138)	(20,456)	(18,599)	(18,473)	(17,284)	(15,883)	(16,334)	(18,926)	(18,715)	(211,179)
Primary v	/oltage													
Residential	Ū													-
Commercial		(1,171)	(1,028)	(1,019)	(914)	(982)	(1,047)	(981)	(1,006)	(929)	(1,017)	(1,094)	(1,088)	(12,276)
Industrial		(1,475)	(1,524)	(1,549)	(1,401)	(1,452)	(1,375)	(1,473)	(1,512)	(1,453)	(1,478)	(1,640)	(1,588)	(17,918)
Gov't-Other		-	-	-	-	-	-	-	-	-	-	-	-	-
Total	_	(2,645)	(2,552)	(2,568)	(2,314)	(2,434)	(2,422)	(2,454)	(2,517)	(2,382)	(2,495)	(2,734)	(2,676)	(30,193)
	_													
		nt Period CAF	0.0001					ent Period CAF	0.0017					
	Previou	s Period CAF	0.0045				Previo	us Period CAF	0.0001					
		Annual CAF	0.0046					Annual CAF	0.0018					
	Previous P	eriod CAF %	2.1739130%				Previous	Period CAF %	5.555556%					
Total Prima	ry before re	covery period s	plit											
Commercial		(53,845)	(47,286)	(46,867)	(42,034)	(45,185)	(48,166)	(17,655)	(18,099)	(16,729)	(18,313)	(19,684)	(19,591)	(393,453)
Industrial		(67,848)	(70,084)	(71,249)	(64,432)	(66,776)	(63,247)	(26,521)	(27,211)	(26,148)	(26,599)	(29,519)	(28,576)	(568,211)
Gov't-Other	_													
Total	=	(121,693)	(117,369)	(118,116)	(106,467)	(111,961)	(111,413)	(44,176)	(45,311)	(42,877)	(44,912)	(49,203)	(48,167)	(961,664)
Secondary	voltage													
Residential		(5,903)	(4,298)	(5,003)	(6,479)	(8,810)	(7,499)	(7,399)	(6,112)	(4,998)	(4,719)	(6,653)	(6,346)	(37,993)
Commercial		(5,250)	(4,773)	(4,725)	(4,798)	(5,530)	(5,068)	(4,987)	(4,932)	(4,893)	(5,136)	(5,691)	(5,568)	(30,142)
Industrial		(3,647)	(4,048)	(3,697)	(3,457)	(3,593)	(3,570)	(3,478)	(3,586)	(3,523)	(3,897)	(3,763)	(4,039)	(22,011)
Gov't-Other	_	(87)	(88)	(89)	(90)	(89)	(39)	(155)	(136)	(87)	(86)	(85)	(86)	(481)
Total	_	(14,886)	(13,207)	(13,514)	(14,823)	(18,022)	(16,177)	(16,019)	(14,766)	(13,501)	(13,839)	(16,192)	(16,039)	(180,985)
	Curre	nt Period CAF	0.0001				Curre	ent Period CAF	0.0017					
		s Period CAF	0.0047					us Period CAF	0.0017					
	1 100100	Annual CAF	0.0047				i ievio	Annual CAF	0.0001					
	Previous P	Period CAF %	2.0833333%				Previous	Period CAF %	5.5555556%					

Term Debt Ra	ate		Revolver Size Tenor (years)		\$ 400,000,000 3		
Day	Date	One Month LIBOR	Applicable Margin	Upfront Fees	Daily Rate		
Thursday	December 1, 2011	0.2714%	2.75%	0.0000	3.0214%		
riday	December 2, 2011	0.2703%	2.75%	0.0000	3.0203%		
Saturday	December 3, 2011	0.2703%	2.75%	0.0000	3.0203%		
Sunday	December 4, 2011	0.2703%	2.75%	0.0000	3.0203%		
l londay	December 5, 2011	0.2741%	2.75%	0.0000	3.0241%		
Tuesday	December 6, 2011	0.2751%	2.75%	0.0000	3.0251%		
Vednesday	December 7, 2011	0.2763%	2.75%	0.0000	3.0263%		
hursday	December 8, 2011	0.2763%	2.75%	0.0000	3.0263%		
riday	December 9, 2011	0.2766%	1.75%	0.0000	2.0266%		
Saturday	December 10, 2011	0.2766%	1.75%	0.0000	2.0266%		
Sunday	December 11, 2011	0.2766%	1.75%	0.0000	2.0266%		
Monday	December 12, 2011	0.2776%	1.75%	0.0000	2.0276%		
Гuesday	December 13, 2011	0.2783%	1.75%	0.0000	2.0283%		
Wednesday	December 14, 2011	0.2826%	1.75%	0.0000	2.0326%		
hursday	December 15, 2011	0.2846%	1.75%	0.0000	2.0346%		
riday	December 16, 2011	0.2849%	1.75%	0.0000	2.0349%		
Saturday	December 17, 2011	0.2849%	1.75%	0.0000	2.0349%		
Sunday	December 18, 2011	0.2849%	1.75%	0.0000	2.0349%		
Monday	December 19, 2011	0.2874%	1.75%	0.0000	2.0374%		
Гuesday	December 20, 2011	0.2906%	1.75%	0.0000	2.0406%		
Vednesday	December 21, 2011	0.2919%	1.75%	0.0000	2.0419%		
Thursday	December 22, 2011	0.2936%	1.75%	0.0000	2.0436%		
Friday	December 23, 2011	0.2940%	1.75%	0.0000	2.0440%		
Saturday	December 24, 2011	0.2940%	1.75%	0.0000	2.0440%		
Sunday	December 25, 2011	0.2940%	1.75%	0.0000	2.0440%		
Monday	December 26, 2011	0.2940%	1.75%	0.0000	2.0440%		
Гuesday	December 27, 2011	0.2940%	1.75%	0.0000	2.0440%		
Nednesday	December 28, 2011	0.2963%	1.75%	0.0000	2.0463%		
Thursday	December 29, 2011	0.2953%	1.75%	0.0000	2.0453%		
Friday	December 30, 2011	0.2953%	1.75%	0.0000	2.0453%		
Saturday	December 31, 2011	0.2953%	1.75%	0.0000	2.0453%	AVERAGE	2.29
Sunday	January 1, 2012	0.2953%	1.75%	0.0000	2.0453%		
Monday	January 2, 2012	0.2953%	1.75%	0.0000	2.0453%		
Гuesday	January 3, 2012	0.2953%	1.75%	0.0000	2.0453%		
Nednesday	January 4, 2012	0.2953%	1.75%	0.0000	2.0453%		
Thursday	January 5, 2012	0.2953%	1.75%	0.0000	2.0453%		
Friday	January 6, 2012	0.2963%	1.75%	0.0000	2.0463%		
Saturday	January 7, 2012	0.2963%	1.75%	0.0000	2.0463%		
Sunday	January 8, 2012	0.2963%	1.75%	0.0000	2.0463%		
Monday	January 9, 2012	0.2963%	1.75%	0.0000	2.0463%		
Гuesday	January 10, 2012	0.2958%	1.75%	0.0000	2.0458%		
Vednesday	January 11, 2012	0.2947%	1.75%	0.0000	2.0447%		
Γhursday	January 12, 2012	0.2896%	1.75%	0.0000	2.0396%		
riday	January 13, 2012	0.2851%	1.75%	0.0000	2.0351%		
Saturday	January 14, 2012	0.2851%	1.75%	0.0000	2.0351%		
Sunday	January 15, 2012	0.2851%	1.75%	0.0000	2.0351%		
Monday	January 16, 2012	0.2816%	1.75%	0.0000	2.0316%		
Tuesday	January 17, 2012	0.2810%	1.75%	0.0000	2.0310%		
Vednesday	January 18, 2012	0.2809%	1.75%	0.0000	2.0309%		
Thursday	January 19, 2012	0.2789%	1.75%	0.0000	2.0289%		
Friday	January 20, 2012	0.2773%	1.75%	0.0000	2.0273%		
Saturday	January 21, 2012	0.2773%	1.75%	0.0000	2.0273%		
Sunday	January 22, 2012	0.2773%	1.75%	0.0000	2.0273%		
Monday	January 23, 2012	0.2763%	1.75%	0.0000	2.0263%		
Гuesday	January 24, 2012	0.2753%	1.75%	0.0000	2.0253%		
Wednesday	January 25, 2012	0.2728%	1.75%	0.0000	2.0228%		
Thursday	January 26, 2012	0.2705%	1.75%	0.0000	2.0205%		
		0.0=000/	4 750/	0.0000	2.02000/		
Friday	January 27, 2012	0.2700%	1.75%	0.0000	2.0200%		

Sunday	January 29, 2012	0.2700%	1.75%	0.0000	2.0200%		
Monday	January 30, 2012	0.2678%	1.75%	0.0000	2.0178%		
Tuesday	January 31, 2012	0.2648%	1.75%	0.0000	2.0148%	AVERAGE	2.0
Wednesday	February 1, 2012	0.2640%	1.75%	0.0000	2.0140%		
Thursday	February 2, 2012	0.2625%	1.75%	0.0000	2.0125%		
Friday	February 3, 2012	0.2605%	1.75%	0.0000	2.0105%		
Saturday	February 4, 2012	0.2605%	1.75%	0.0000	2.0105%		
Sunday	February 5, 2012	0.2605%	1.75%	0.0000	2.0105%		
Monday	February 6, 2012	0.2598%	1.75%	0.0000	2.0098%		
Tuesday	February 7, 2012	0.2570%	1.75%	0.0000	2.0070%		
Wednesday	February 8, 2012	0.2548%	1.75%	0.0000	2.0048%		
Thursday	February 9, 2012	0.2535%	1.75%	0.0000	2.0035%		
Friday	February 10, 2012	0.2505%	1.75%	0.0000	2.0005%		
Saturday	February 11, 2012	0.2505%	1.75%	0.0000	2.0005%		
Sunday	February 12, 2012	0.2505%	1.75%	0.0000	2.0005%		
Monday	February 13, 2012	0.2485%	1.75%	0.0000	1.9985%		
Tuesday	February 14, 2012	0.2475%	1.75%	0.0000	1.9975%		
Wednesday	February 15, 2012	0.2460%	1.75%	0.0000	1.9960%		
Thursday	February 16, 2012	0.2455%	1.75%	0.0000	1.9955%		
Friday	February 17, 2012	0.2455%	1.75%	0.0000	1.9955%		
Saturday	February 18, 2012	0.2455%	1.75%	0.0000	1.9955%		
Sunday	February 19, 2012	0.2455%	1.75%	0.0000	1.9955%		
Monday	February 20, 2012	0.2455%	1.75%	0.0000	1.9955%		
Tuesday	February 21, 2012	0.2455%	1.75%	0.0000	1.9955%		
Wednesday	February 22, 2012	0.2445%	1.75%	0.0000	1.9945%		
Thursday	February 23, 2012	0.2440%	1.75%	0.0000	1.9940%		
Friday	February 24, 2012	0.2440%	1.75%	0.0000	1.9940%		
Saturday	February 25, 2012	0.2440%	1.75%	0.0000	1.9940%		
•	• '		1.75%	0.0000	1.9940%		
Sunday	February 26, 2012	0.2440%					
Monday	February 27, 2012	0.2440%	1.75%	0.0000	1.9940%		
Tuesday	February 28, 2012	0.2440%	1.75%	0.0000	1.9940%	AVEDAGE	0.0
Wednesday	February 29, 2012	0.2435%	1.75%	0.0000	1.9935%	AVERAGE	2.0
Thursday	March 1, 2012	0.2430%	1.75%	0.0000	1.9930%		
Friday	March 2, 2012	0.2428%	1.75%	0.0000	1.9928%		
Saturday	March 3, 2012	0.2428%	1.75%	0.0000	1.9928%		
Sunday	March 4, 2012	0.2428%	1.75%	0.0000	1.9928%		
Monday	March 5, 2012	0.2428%	1.75%	0.0000	1.9928%		
Tuesday	March 6, 2012	0.2428%	1.75%	0.0000	1.9928%		
Wednesday	March 7, 2012	0.2428%	1.75%	0.0000	1.9928%		
Thursday	March 8, 2012	0.2418%	1.75%	0.0000	1.9918%		
Friday	March 9, 2012	0.2418%	1.75%	0.0000	1.9918%		
Saturday	March 10, 2012	0.2418%	1.75%	0.0000	1.9918%		
Sunday	March 11, 2012	0.2418%	1.75%	0.0000	1.9918%		
Monday	March 12, 2012	0.2418%	1.75%	0.0000	1.9918%		
Tuesday	March 13, 2012	0.2418%	1.75%	0.0000	1.9918%		
Wednesday	March 14, 2012	0.2418%	1.75%	0.0000	1.9918%		
Thursday	March 15, 2012	0.2418%	1.75%	0.0000	1.9918%		
Friday	March 16, 2012	0.2418%	1.75%	0.0000	1.9918%		
Saturday	March 17, 2012	0.2418%	1.75%	0.0000	1.9918%		
Sunday	March 18, 2012	0.2418%	1.75%	0.0000	1.9918%		
Monday	March 19, 2012	0.2418%	1.75%	0.0000	1.9918%		
Tuesday	March 20, 2012	0.2418%	1.75%	0.0000	1.9918%		
Wednesday	March 21, 2012	0.2418%	1.75%	0.0000	1.9918%		
Thursday	March 22, 2012	0.2418%	1.75%	0.0000	1.9918%		
Friday	March 23, 2012	0.2413%	1.75%	0.0000	1.9913%		
Saturday	March 24, 2012	0.2413%	1.75%	0.0000	1.9913%		
Sunday	March 25, 2012	0.2413%	1.75%	0.0000	1.9913%		
Monday	March 26, 2012	0.2413%	1.75%	0.0000	1.9913%		
Tuesday	March 27, 2012	0.2413%	1.75%	0.0000	1.9913%		
Wednesday	March 28, 2012	0.2413%	1.75%	0.0000	1.9913%		
Thursday	March 29, 2012	0.2413%	1.75%	0.0000	1.9913%		
Friday	March 30, 2012	0.2413%	1.75%	0.0000	1.9913%		
	•		1.75%	0.0000	1.9913%	AVERAGE	1.9
Saturday	March 31, 2012	0.2413%	1 / 7 7/2				

rt Term Debt F		0.011001	4	0.0000	4.00400		
Monday	April 2, 2012	0.2413%	1.75%	0.0000	1.9913%		
Tuesday	April 3, 2012	0.2413%	1.75%	0.0000	1.9913%		
Wednesday	April 4, 2012	0.2413%	1.75%	0.0000	1.9913%		
Thursday	April 5, 2012	0.2413%	1.75%	0.0000	1.9913%		
Friday	April 6, 2012	0.2413%	1.75%	0.0000	1.9913%		
Saturday	April 7, 2012	0.2413%	1.75%	0.0000	1.9913%		
Sunday	April 8, 2012	0.2413%	1.75%	0.0000	1.9913%		
Monday	April 9, 2012	0.2413%	1.75%	0.0000	1.9913%		
Tuesday	April 10, 2012	0.2403%	1.75%	0.0000	1.9903%		
Wednesday	April 11, 2012	0.2403%	1.75%	0.0000	1.9903%		
Thursday	April 12, 2012	0.2403%	1.75%	0.0000	1.9903%		
Friday	April 13, 2012	0.2398%	1.75%	0.0000	1.9898%		
Saturday	April 14, 2012	0.2398%	1.75%	0.0000	1.9898%		
Sunday	April 15, 2012	0.2398%	1.75%	0.0000	1.9898%		
Monday	April 16, 2012	0.2398%	1.75%	0.0000	1.9898%		
Tuesday	April 17, 2012	0.2398%	1.75%	0.0000	1.9898%		
Wednesday	April 18, 2012	0.2398%	1.75%	0.0000	1.9898%		
Thursday	April 19, 2012	0.2398%	1.75%	0.0000	1.9898%		
Friday	April 20, 2012	0.2398%	1.75%	0.0000	1.9898%		
Saturday	April 21, 2012	0.2398%	1.75%	0.0000	1.9898%		
Sunday	April 22, 2012	0.2398%	1.75%	0.0000	1.9898%		
Monday	April 23, 2012	0.2388%	1.75%	0.0000	1.9888%		
Tuesday	April 24, 2012	0.2388%	1.75%	0.0000	1.9888%		
Wednesday	April 25, 2012	0.2388%	1.75%	0.0000	1.9888%		
Thursday	April 26, 2012	0.2388%	1.75%	0.0000	1.9888%		
Friday	April 27, 2012	0.2388%	1.75%	0.0000	1.9888%		
Saturday	April 28, 2012	0.2388%	1.75%	0.0000	1.9888%		
Sunday	April 29, 2012	0.2388%	1.75%	0.0000	1.9888%		
Monday	April 30, 2012	0.2388%	1.75%	0.0000	1.9888%	AVERAGE	1.9900
Tuesday	May 1, 2012	0.2388%	1.75%	0.0000	1.9888%		
Wednesday	May 2, 2012	0.2388%	1.75%	0.0000	1.9888%		
Thursday	May 3, 2012	0.2388%	1.75%	0.0000	1.9888%		
Friday	May 4, 2012	0.2388%	1.75%	0.0000	1.9888%		
Saturday	May 5, 2012	0.2388%	1.75%	0.0000	1.9888%		
Sunday	May 6, 2012	0.2388%	1.75%	0.0000	1.9888%		
Monday	May 7, 2012	0.2388%	1.75%	0.0000	1.9888%		
Tuesday	May 8, 2012	0.2388%	1.75%	0.0000	1.9888%		
Wednesday	May 9, 2012	0.2388%	1.75%	0.0000	1.9888%		
Thursday	May 10, 2012	0.2388%	1.75%	0.0000	1.9888%		
Friday	May 11, 2012	0.2388%	1.75%	0.0000	1.9888%		
Saturday	May 12, 2012	0.2388%	1.75%	0.0000	1.9888%		
Sunday	May 13, 2012	0.2388%	1.75%	0.0000	1.9888%		
Monday	May 14, 2012	0.2388%	1.75%	0.0000	1.9888%		
Tuesday	May 15, 2012	0.2388%	1.75%	0.0000	1.9888%		
Wednesday	May 16, 2012	0.2398%	1.75%	0.0000	1.9898%		
Thursday	May 17, 2012	0.2398%	1.75%	0.0000	1.9898%		
Friday	May 18, 2012	0.2398%	1.75%	0.0000	1.9898%		
Saturday	May 19, 2012	0.2398%	1.75%	0.0000	1.9898%		
Sunday	May 20, 2012	0.2398%	1.75%	0.0000	1.9898%		
Monday	May 21, 2012	0.2398%	1.75%	0.0000	1.9898%		
Tuesday	May 22, 2012	0.2388%	1.75%	0.0000	1.9888%		
Wednesday	May 23, 2012	0.2388%	1.75%	0.0000	1.9888%		
Thursday	May 24, 2012	0.2388%	1.75%	0.0000	1.9888%		
Friday	May 25, 2012	0.2388%	1.75%	0.0000	1.9888%		
Saturday	May 26, 2012 May 26, 2012	0.2388%	1.75%	0.0000	1.9888%		
•	-			0.0000	1.9888%		
Sunday	May 27, 2012	0.2388%	1.75%	0.0000			
Monday	May 28, 2012	0.2388%	1.75%		1.9888%		
Tuesday	May 29, 2012	0.2388%	1.75%	0.0000	1.9888%		
Tuesday	-	0.22000/	1 750/	በ በበበበ	1 00000/		
Tuesday Wednesday Thursday	May 30, 2012 May 31, 2012	0.2388% 0.2388%	1.75% 1.75%	0.0000 0.0000	1.9888% 1.9888%	AVERAGE	1.9889