

Exhibit No.:
Issue: Fuel Adjustment Clause
Witness: Leslie L. Forest
Type of Exhibit: Direct Testimony
Sponsoring Party: Empire District Electric
File No. ER-2018-
Date Testimony Prepared: September 2018

**Before the Public Service Commission
Of the State of Missouri**

Direct Testimony

Of

Leslie L. Forest

October 1, 2018



DIRECT TESTIMONY
OF
LESLIE L. FOREST
THE EMPIRE DISTRICT ELECTRIC COMPANY
BEFORE THE
PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI
FILE NO. ER-2018-

1 **INTRODUCTION AND QUALIFICATIONS**

2 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

3 A. My name is Leslie L. Forest and my business address is 602 S. Joplin Avenue,
4 Joplin, Missouri.

5 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

6 A. I am employed by Liberty Utilities Services Corp. as a Regulatory Analyst for
7 Liberty Utilities Central Region, which includes The Empire District Electric
8 Company, Liberty Utilities (Midstates Natural Gas) Corp., and Liberty Utilities
9 (Missouri Water) LLC.

10 **Q. ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS PROCEEDING?**

11 A. I am testifying on behalf of The Empire District Electric Company (“Empire” or
12 “Company”).

13 **Q. PLEASE DESCRIBE YOUR EDUCATIONAL AND PROFESSIONAL BACKGROUND FOR**
14 **THE COMMISSION.**

15 A. In 2000, I completed my Bachelor of Science in Accounting from the Missouri
16 Southern State University in Joplin, Missouri. In 2016, I completed a Masters of
17 Accountancy from Missouri Southern State University in Joplin, Missouri. Before

1 working for Liberty Utilities, I was employed by Missouri Southern State University
2 for approximately five years in the Bursar's Office. Prior to my employment at
3 Missouri Southern State University, I was employed by the Missouri Department
4 of Revenue Field Compliance Bureau as a Senior Tax Auditor for twelve years. I
5 performed sales, use and withholding tax audits on various businesses registered
6 with the state of Missouri.

7 **Q. HAVE YOU EVER TESTIFIED BEFORE THIS OR ANY OTHER STATE UTILITY**
8 **COMMISSION?**

9 A. No.

10 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

11 A. The purpose of my testimony is to support the Fuel & Purchased Power
12 Adjustment Clause ("FAC") rate schedules that have been filed by Empire to
13 reflect the actual energy costs that Empire has incurred during the six-month
14 period March 2018 through August 2018. This six-month period is an
15 Accumulation Period specified in Empire's FAC tariff that was approved by the
16 Commission in its Report and Order issued in File No. ER-2016-0023.

17 **EXECUTIVE SUMMARY**

18 **Q. PLEASE PROVIDE AN OVERVIEW OF YOUR TESTIMONY IN SUPPORT OF THE FAC**
19 **RATE SCHEDULES FILED BY EMPIRE.**

20 A. The Commission's rule governing fuel and purchased power cost recovery
21 mechanisms for electric utilities – specifically 4 CSR 240-20.090(4) – requires
22 Empire to make periodic FAC filings that are designed to enable Commission

1 review of the actual fuel costs, purchased power costs, cost of consumables
2 associated with the power plants' air quality control system ("AQCS"), net cost of
3 emission allowances, revenue from the sale of renewable energy credits ("REC")
4 and off-system sales margins (collectively referred to as total energy costs) the
5 Company has incurred during an Accumulation Period. In addition, these periodic
6 filings are designed to adjust the FAC rates up or down, to reflect the actual
7 energy costs incurred during the Accumulation Period. Empire's FAC tariff calls
8 for two annual filings: a filing covering the six-month Accumulation Period
9 running from September through February and a second filing covering the
10 Accumulation Period running from March through August. Any increases or
11 decreases in rates approved by the Commission, or that take effect by operation
12 of law, are then collected from or refunded to customers over two six-month
13 Recovery Periods: June through November and December through May.

14 Since the implementation of Empire's FAC, the variable cost of fuel and purchased
15 power used by the Company's Missouri customers has varied from the base fuel
16 and energy cost established in rates. For the Accumulation Period March 2018
17 through August 2018, Empire's actual total energy costs eligible for the FAC were
18 lower than the base energy costs included in the Company's Missouri rates by
19 approximately \$55,567,055. In accordance with the FAC tariff, Empire has
20 absorbed 5% of the overall increase in Missouri variable energy costs during that
21 six-month period. Therefore, in accordance with the Commission's FAC rule and
22 Empire's approved FAC tariff, the Company has filed FAC rate schedules that are

1 designed to recover 95 percent of the energy cost differences of approximately
2 \$(1,944,828) from its Missouri jurisdictional customers.

3 In addition, Empire also seeks to return approximately \$1,224, which is further
4 described in the true-up testimony that is provided in a separate filing, of over-
5 recovered energy costs from the prior recovery period ending May 31, 2018. This
6 brings the total net return due to the customers to approximately \$1,800,606
7 including interest. This total represents the Fuel and Purchased Power
8 Adjustment ("FPA").

9 As reflected in the rate schedules filed by the Company, Empire has developed
10 two Fuel Adjustment Rates ("FAR") designed to recover the FPA, each of which is
11 based on forecasted retail Missouri sales over the next Recovery Period: a FAR of
12 \$-0.00085 per kilowatt-hour (kWh) for primary service, and a FAR of \$-0.00087
13 per kWh for secondary service have been developed for this filing. These FARs
14 will enable Empire to return, over a Recovery Period ending May 2019, the
15 difference between energy costs built into its base rates and the total energy
16 costs actually incurred during the Accumulation Period and the true-up of fuel
17 and energy costs during the Recovery Period ended May 31, 2018.

18 **Q. DOES THE EMPIRE FAC TARIFF INCLUDE PROVISIONS THAT ARE DESIGNED TO**
19 **LIMIT EMPIRE'S FAC RECOVERY TO THE ACTUAL COST OF ENERGY?**

20 A. Yes. Empire's FAC and the Commission's rule governing FACs include two
21 safeguards limiting FAC recovery to actual, prudently-incurred energy costs. The
22 first safeguard is a true-up process that ensures the FAC collections during the

1 Recovery Period do not exceed actual energy costs incurred during the
2 Accumulation Period. The second safeguard involves a requirement that Empire's
3 energy costs be subjected to periodic Prudence Reviews, to ensure only
4 prudently-incurred energy costs are passed through to customers using the FAC.
5 Empire's operation of the FAC has been audited by the Commission's staff
6 through February 28, 2018. Staff filed its report in File No. EO-2017-0244 finding
7 no imprudence on Empire's part.

8 **THE PROPOSED FAC RATE ADJUSTMENT**

9 **Q. WHY HAS EMPIRE FILED FAC-RELATED RATE SCHEDULES AT THIS TIME?**

10 A. The Commission's rules – specifically 4 CSR 240-20.090(4) – and Empire's FAC
11 tariff require the Company to make periodic FAC filings that enable the
12 Commission to review Empire's actual fuel, purchased power, AQCS costs, off-
13 system sales, REC revenue, and net costs of emissions allowances so that Empire's
14 FAC rates can be adjusted to reflect the actual energy costs the Company incurs
15 to provide electric service to its Missouri customers. Empire's Missouri FAC tariff
16 calls for two FAC adjustment filings per year: (1) a filing covering the six-month
17 Accumulation Period running from September through February and (2) a filing
18 covering the Accumulation Period running from March through August. Empire
19 is seeking a decrease in its FAC rates to reflect 95% of the difference between the
20 energy costs built into its base Missouri rates and Empire's actual Missouri energy
21 costs for the Accumulation Period, plus a true-up of the costs recovered during
22 the Recovery Period ending May 31, 2018. This recovery via FAC rates will be

1 reflected on the Missouri customers' bills over the six-month Recovery Period
2 running from December 2018 through May 2019.

3 **Q. HOW HAVE EMPIRE'S AVERAGE ENERGY COSTS CHANGED OVER THE COST**
4 **INCLUDED IN BASE RATES DURING THE ACCUMULATION PERIOD?**

5 A. Empire's average energy costs per kWh have declined below the level built into its
6 base electric rates, which is why the FAC rate schedules filed by the Company
7 seek a decrease in the rates charged to the Missouri customers. More
8 specifically, Empire's Missouri base rates included an average cost of energy per
9 kWh of net system production of \$0.02415 during the Accumulation Period of
10 March 2018 through August 2018. Empire actually incurred average energy costs
11 of \$0.02326 per kWh during the Accumulation Period, which is \$0.00089 per kWh
12 or about 3.69 percent less than the average cost built into base rates. Pursuant to
13 Empire's FAC tariff, Empire is requesting to return to its Missouri customers the
14 net of 95 percent of this cost decrease plus approximately \$1,224 of under-
15 recovered energy cost and \$145,446 of interest income from the Recovery Period
16 ending December 30, 2017, or an average of \$-.00081 per kWh sold during the
17 upcoming Recovery Period.

18 **Q. HOW DOES THE MONTHLY FAC CHANGE FOR A TYPICAL RESIDENTIAL**
19 **CUSTOMER?**

20 A. For Missouri residential customers using 1,000 kWh per month, the electric bill
21 will decrease by approximately \$8.45 per month over the six-month period
22 December 2018 through May 2019, when the current FAC credit factor of \$.00087

1 is applied to their bill and the previous FAC recovery factor of \$0.00758 is
2 eliminated from their bill.

3 **Q. DID THE AVERAGE ENERGY COST VARY FROM EXPECTATIONS?**

4 A. Yes, during the Accumulation Period, specifically in July and August 2018, cooler
5 than normal weather prevailed. As such, the actual total energy cost per
6 megawatt-hour was below the Company budget by approximately 8.83 percent.

7 **Q. DO YOU EXPECT THE AVERAGE ENERGY COSTS ELIGIBLE FOR THE FAC TO BE
8 HIGHER OR LOWER THAN THE BASE DURING THE NEXT ACCUMULATION PERIOD
9 FROM MARCH 2018 THROUGH AUGUST 2018?**

10 A. Based on the current budget, Empire expects the total energy costs eligible for
11 the FAC to be about 6.7% higher than the base. The period in question,
12 September 2018 through February 2019, contains the winter months, so this
13 period has the potential for a higher average cost per megawatt-hour than what
14 would be expected for an annual average cost per megawatt-hour. The current
15 budget, which assumes normal weather, anticipates average energy costs eligible
16 for the FAC to be higher than the current FAC base of \$24.15 per megawatt-hour
17 during the next Accumulation Period.

18 **Q. DO YOU BELIEVE EMPIRE'S FUEL ADJUSTMENT CLAUSE IS REASONABLE AND
19 APPROPRIATE?**

20 A. Yes. The design of the Commission's rule governing the FAC was the subject of
21 much discussion and debate prior to being approved by the Commission. In
22 addition, there was much discussion and debate concerning Empire's FAC tariff in

1 Case No. ER-2008-0093, in which the Commission ultimately approved Empire's
2 initial FAC tariff. Additional discussions have occurred in subsequent cases.
3 Empire's FAC filing is being made in accordance with the Commission's rules
4 governing the FAC and in accordance with the FAC tariff approved for Empire.

5 **Q. PLEASE DESCRIBE HOW EMPIRE IS PROPOSING TO COLLECT THE ENERGY COST**
6 **INCREASES EXPERIENCED DURING THE MARCH 2018-AUGUST 2018**
7 **ACCUMULATION PERIOD?**

8 A. The FAC rate schedule filed by Empire will collect the energy cost increase actually
9 incurred during the Accumulation Period by applying the negative Fuel
10 Adjustment Rate or FAR of \$0.00085 for primary and \$0.00087 for secondary
11 service to the actual Missouri retail kWh sales that take place during the
12 December 1, 2018 to May 31, 2019 Recovery Period. The proposed FARs were
13 calculated in accordance with Empire's authorized FAC tariff. I have attached to
14 my testimony, as Schedule LLF-1, an exemplar copy of one of Empire's approved
15 FAC tariff sheets. In addition to the tariff sheet, I have included as page 2 of
16 Schedule LLF-1 a monthly analysis of the energy costs and energy cost recovery
17 that has taken place during the Accumulation Period. Schedule LLF-1 contains the
18 basic information and FAC formula that Empire used to calculate the FARs that
19 have been included in the proposed revised FAC rate schedule sheet 17e. The
20 Empire FAC tariff and the formula included therein were approved by the
21 Commission in File No. ER-2016-0023.

22 **Q. HOW WERE THE VARIOUS VALUES USED TO DETERMINE THE PROPOSED FARs**

1 **SHOWN ON SCHEDULE JMS-1 DEVELOPED?**

2 A. The data upon which Empire based the values for each of the variables in the
3 approved FAR formula are included on the schedule, and came from Empire's
4 books and records. Schedule LLF-1 contains all of the basic information that is
5 required to calculate the proposed change in the FAR. In addition, Empire has
6 filed the detailed information required by 4 CSR 240-3.161(7) (A) with this
7 testimony as Schedule LLF-2. Additional information about the true-up amount
8 was filed concurrently in a separate docket. Also, as required by 4 CSR 240-
9 3.161(7) (B), the Company has separately provided to all parties of record in File
10 Nos. ER-2008-0093, ER-2010-0130, ER-2011-0004, ER-2012-0345, ER-2014-0351,
11 and ER-2016-0023 with a set of these workpapers.

12 **Q. IS EMPIRE IN COMPLIANCE WITH THE PROVISIONS OF THE COMMISSION'S FAC**
13 **RULE CONCERNING PERIODIC REPORTING AND SURVEILLANCE?**

14 A. Yes. Empire has complied with all of the Commission's rules, 4 CSR 240-3.161(5)
15 and (6), governing periodic reports and surveillance using the Commission's
16 electronic filing system and provided all of the parties to File Nos. ER-2008-0093,
17 ER-2010-0130, ER-2011-0004, ER-2012-0345, ER-2014-0351, and ER-2016-0023
18 with copies of the periodic compliance reports and copies of surveillance reports
19 at the same time they were filed with the Commission.

20 **Q. IF FAC SHEET 17e IS APPROVED BY THE COMMISSION, WHAT SAFEGUARDS EXIST**
21 **TO ENSURE THE FAC REVENUE COLLECTED BY EMPIRE DOES NOT EXCEED THE**
22 **ACTUAL TOTAL ENERGY COST INCURRED BY EMPIRE DURING THE**

1 **ACCUMULATION PERIOD?**

2 A. As mentioned earlier, Empire’s FAC and the Commission’s rules provide two
3 mechanisms designed to limit the FAC amounts collected from customers to
4 Empire’s actual, prudently-incurred energy costs. First, at the end of each
5 Recovery Period the Company is required to true-up the amounts collected from
6 customers through the FAR with the total energy costs that were actually incurred
7 during the Accumulation Period to which the FAR applies. In addition, Empire’s
8 energy costs will be subjected to periodic Prudence Reviews to ensure that only
9 prudently-incurred energy costs are collected from customers through the FAC.
10 These two mechanisms serve as checks that ensure that Empire’s Missouri
11 customers pay only the prudently-incurred, actual cost of energy used to provide
12 electric service in Missouri (less the 5% Empire absorbs or retains) – no more and
13 no less.

14 **Q. WHAT ACTION IS EMPIRE REQUESTING FROM THE COMMISSION WITH RESPECT**
15 **TO THE FAC RATE SCHEDULE THAT THE COMPANY HAS FILED?**

16 A. As provided by 4 CSR 240-20.090(4), Staff has thirty (30) days from the date the
17 FAC rate schedule is filed to conduct a review and to make a recommendation to
18 the Commission as to whether the rate schedule complies with the Commission’s
19 FAC rules, the requirements of Section 386.266, RSMo, and Empire’s approved
20 FAC. The Commission has sixty (60) days from the date of Empire’s filing to either
21 approve the rate schedule or to allow it to take effect by operation of law.
22 Empire believes its FAC filing satisfies all of the requirements of applicable

1 statutes, the Commission's rules, and Empire's approved FAC. Empire requests,
2 following Staff's review, the Commission approve revised FAC sheet 17e to be
3 effective as of December 1, 2018, which is the first day of the Recovery Period
4 prescribed in Empire's FAC tariff.

5 **Q. IS EMPIRE REQUESTING ANY OTHER CHANGES TO THE FAC TARIFF AT THIS**
6 **TIME?**

7 A. No other changes to the FAC tariff sheets are being requested at this time.

8 **Q. DOES THIS CONCLUDE YOUR TESTIMONY AT THIS TIME?**

9 A. Yes, it does.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 5th Revised Sheet No. 17ac

Canceling P.S.C. Mo. No. 5 Sec. 4 4th Revised Sheet No. 17ac

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC
For service on and after December 1, 2018

	Accumulation Period Ending		August 31, 2018
1	Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		64,930,243
2	Net Base Energy Cost (B)	-	67,415,208
	2.1 Base Factor (BF)		0.02415
	2.2 Accumulation Period NSI (S _{AP})		2,791,520,000
3	(TEC-B)		(2,484,965)
4	Missouri Energy Ratio (J)	*	82.19%
5	(TEC - B) * J		(55,567,055)
6	Fuel Cost Recovery	*	95.00%
7	(TEC - B) * J * 0.95		(1,944,828)
8	True-Up Amount (T)	+	(1,224)
9	Prudence Adjustment Amount (P)	+	
10	Interest (I)	+	145,446
11	Fuel and Purchased Power Adjustment (FPA)	=	(1,800,606)
12	Forecasted Missouri NSI (S _{RP})	÷	2,214,363,961
13	Current Period Fuel Adjustment Rate (FAR)	=	(0.00081)
14	Current Period FAR _{PRIM} = FAR x VAF _{PRIM}		(0.00085)
15	Current Period FAR _{SEC} = FAR x VAF _{SEC}		(0.00087)
16	VAF _{PRIM} = 1.0464		1.0464
17	VAF _{SEC} = 1.0657		1.0657

DATE OF ISSUE October 1, 2018

DATE EFFECTIVE December 1, 2018

ISSUED BY Chris Krygier, Director Planning & Regulatory

The Empire District Electric Company
Fuel Adjustment Clause
Cost Adjustment Factor Calculation
Aug-18

		Accumulation Period							
		Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Prior Period	Total
Generation	[FC]	\$ 10,719,423.96	\$ 9,827,973.53	\$ 10,903,004.37	\$ 11,999,075.12	\$ 12,252,365.14	\$ 12,782,498.23		\$ 68,484,340.35
Fuel - AQCS	[FC]	\$ 135,619.05	\$ 131,662.56	\$ 73,890.82	\$ 241,974.94	\$ 184,499.97	\$ 250,748.22		\$ 1,018,395.56
Native Load Cost	[PP]	\$ 10,594,107.45	\$ 10,847,951.67	\$ 13,176,983.65	\$ 15,982,571.01	\$ 17,209,361.83	\$ 14,849,127.40		\$ 82,660,103.01
Transmission Costs	[PP]	\$ 521,142.07	\$ 523,590.26	\$ 522,116.55	\$ 529,939.11	\$ 507,425.26	\$ 501,654.41		\$ 3,105,867.66
Net of Emission Allow.	[E]	\$ -	\$ (10,500.00)	\$ -	\$ (11.16)	\$ -	\$ -		\$ (10,511.16)
EDE Sales	[OSSR]	\$ (13,126,519.75)	\$ (11,945,449.03)	\$ (14,293,787.04)	\$ (17,654,795.77)	\$ (17,751,156.10)	\$ (15,363,651.96)		\$ (90,135,359.65)
Renewable Energy Credit Revenues	[REC]	\$ -	\$ -	\$ (100,802.56)	\$ (62,870.96)	\$ (28,919.70)	\$ -		\$ (192,593.22)
Total Energy Cost	(TEC)	\$ 8,843,772.78	\$ 9,375,228.99	\$ 10,281,405.79	\$ 11,035,882.29	\$ 12,373,576.40	\$ 13,020,376.30		\$ 64,930,242.56
Net Base Energy Rate		\$ 0.02415	0.02415	0.02415	0.02415	0.02415	0.02415		
NSI kwh		411,694,000	389,302,000	439,794,000	512,383,000	534,838,000	503,509,000		2,791,520,000
Base Energy Cost	(B)	\$ 9,942,410.10	\$ 9,401,643.30	\$ 10,621,025.10	\$ 12,374,049.45	\$ 12,916,337.70	\$ 12,159,742.35		\$ 67,415,208.00
TEC-B		\$ (1,098,637.32)	\$ (26,414.31)	\$ (339,619.31)	\$ (1,338,167.16)	\$ (542,761.30)	\$ 860,633.95		\$ (2,484,965.44)
Missouri Retail kwh Sales		319,302,051	302,222,258	335,237,644	394,999,626	414,345,138	387,522,870		2,153,629,587
Total System kwh Sales		386,340,797	365,830,557	411,666,996	480,745,240	503,056,028	472,613,718		2,620,253,336
Missouri Energy Ratio	(J)	0.8265	0.8261	0.8143	0.8216	0.8237	0.8200		0.8219
(TEC-B)*J		(8,217,401.95)	(7,766,697.53)	(8,730,784.26)	(10,218,173.81)	(10,663,008.52)	(9,970,988.73)		(55,567,054.80)
Fuel & PP Cost Recovery (Over)/Under (((FC + PP + E - OSSR - REC - B) * J) * 0.95)		\$ (862,622.56)	\$ (20,729.82)	\$ (262,724.41)	\$ (1,044,466.23)	\$ (424,718.86)	\$ 670,433.85		\$ (1,944,828.03)
(Over)/Under Adjustment	(T)						\$ (1,224.03)		\$ (1,224.03)
Interest (Expense)/Income	(I)	\$ 28,121.68	\$ 30,442.55	\$ 28,456.45	\$ 25,141.16	\$ 19,525.59	\$ 13,758.96		\$ 145,446.39
Fuel & Purchased Power Adjustment (((FC + PP + E - OSSR - REC - B) * J) * 0.95) + T + I + P	(FPA)	\$ (834,500.88)	\$ 9,712.73	\$ (234,267.96)	\$ (1,019,325.07)	\$ (405,193.27)	\$ 684,192.81	\$ (1,224.03)	\$ (1,800,605.67)
For Recovery Period		22.89	25.63	24.98	22.96	24.60	27.55		24.78
Forecasted NSI kwh	a								2,672,328,000
Forecasted Missouri Retail kwh Sales	b								2,071,323,000
Forecasted Total System kwh Sales	c								2,499,704,000
Forecasted Missouri Ratio									82.86%
Forecasted Missouri NSI kwh (S)=a*(b/c)	(S)								2,214,363,961
Cost Adjustment Factor (FAR=FPA./S)	(FAR)								-0.00081
FAR - Primary and above									-0.00085
Primary Expansion Factor		1.0464							
FAR - Secondary									-0.00087
Secondary Expansion Factor		1.0657							

Electric Revenue Summary by Rate
Electric by State
March 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Arkansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtn Rdr	ProperTax	XsFclty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
AR		NM-Net Metering Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AR		PL-Private Lighting Total	11	16,654	2,645.99	7.54	338.43	22.62	31.09	-	-	-	10.31	-	-	-	3,055.98
AR		RG-Residential Total	3,816	3,238,365	270,826.36	12,060.97	65,933.05	13,244.84	18,037.74	-	-	-	1,914.09	-	16,126.83	-	398,143.88
AR		Residential Total	3,827	3,255,019	273,472.35	12,068.51	66,271.48	13,267.46	18,068.83	-	-	-	1,924.40	-	16,126.83	-	401,199.86
AR		CB-Commercial Total	609	910,656	65,580.25	2,433.45	18,540.96	3,424.12	4,307.39	-	18.18	-	534.75	-	3,970.44	-	98,809.54
AR		GP-General Power Total	56	1,326,766	77,077.51	304.22	27,012.96	3,993.56	4,386.54	-	6.00	-	782.82	-	4,423.70	-	117,987.31
AR		LS-Special Lighting Total	3	403	83.40	1.79	8.20	0.58	0.72	-	-	-	0.24	-	-	-	94.93
AR		PL-Private Lighting Total	3	27,015	3,724.58	36.74	549.88	38.60	48.71	-	-	-	15.95	-	-	-	4,414.46
AR		Commercial Total	671	2,264,840	146,465.74	2,776.20	46,112.00	7,456.86	8,743.36	-	24.18	-	1,333.76	-	8,394.14	-	221,306.24
AR		CB-Commercial Total	1	2,441	166.06	9.94	49.70	9.18	11.55	-	-	-	1.44	-	10.64	-	258.51
AR		GP-General Power Total	4	447,252	28,134.63	50.00	9,106.05	1,346.23	2,105.20	-	60.00	-	263.88	-	2,123.05	-	43,189.04
AR		PL-Private Lighting Total	-	5,882	522.32	8.09	119.76	8.46	10.58	-	395.21	-	0.93	-	-	-	1,065.35
AR		PT-Transmission Total	4	6,476,751	240,869.45	150.00	131,866.65	16,515.71	20,545.67	-	6,612.11	-	948.72	-	19,122.17	-	436,630.48
AR		Industrial Total	9	6,932,326	269,692.46	218.03	141,142.16	17,879.58	22,673.00	-	7,067.32	-	1,214.97	-	21,255.86	-	481,143.38
AR		CB-Commercial Total	23	3,429	601.08	-	69.81	12.90	16.22	-	-	-	2.02	-	14.94	-	716.97
AR		LS-Special Lighting Total	7	360	208.50	-	7.33	0.52	0.64	-	-	-	0.21	-	-	-	217.20
AR		PL-Private Lighting Total	-	711	93.93	-	14.49	1.04	1.27	-	-	-	0.43	-	-	-	111.16
AR		SPL-Municipal St Lighting Total	-	60,754	2,147.07	-	1,236.95	87.48	119.69	-	1,519.30	-	35.85	-	-	-	5,146.34
AR		Muni Street & Highway Lighting Total	30	65,254	3,050.58	-	1,328.58	101.94	137.82	-	1,519.30	-	38.51	-	14.94	-	6,191.67
AR		CB-Commercial Total	77	114,071	8,168.31	-	2,322.46	428.92	539.54	-	-	-	67.44	-	497.33	-	12,024.00
AR		GP-General Power Total	5	294,915	15,491.45	-	6,004.48	887.70	858.06	-	-	-	173.99	-	865.33	-	24,281.01
AR		PL-Private Lighting Total	-	65	8.11	-	1.32	0.09	0.12	-	-	-	0.04	-	-	-	9.68
AR		Other Public Authority Total	82	409,051	23,667.87	-	8,328.26	1,316.71	1,397.72	-	-	-	241.47	-	1,362.66	-	36,314.69
AR		Total	4,619	12,926,490	716,349.00	15,062.74	263,182.48	40,022.55	51,020.73	-	8,610.80	-	4,753.11	-	47,154.43	-	1,146,155.84

Electric Revenue Summary by Rate
Electric by State
March 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Kansas Revenue		St	Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtm Rdr	ProperTax	XsFclty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
KS				NM-Net Metering Total	-	(337)	(11.69)	-	-	-	-	-	-	-	-	-	-	-	(11.69)
KS				PL-Private Lighting Total	20	53,556	16,612.95	114.20	1,155.63	-	429.03	118.66	-	-	-	-	-	-	18,430.47
KS				RG-Residential Total	5,559	4,541,451	374,117.98	19,272.96	98,049.65	-	36,241.09	10,030.80	-	-	-	-	-	-	537,712.48
KS				RG-Residential Water Heat Total	766	851,489	63,602.92	2,407.74	18,383.69	-	6,794.85	1,880.81	-	-	-	-	-	-	93,070.01
KS				RH-Residential Total Elec Total	1,873	3,191,208	208,884.74	5,521.60	68,898.41	-	25,465.96	7,052.00	-	-	-	-	-	-	315,822.71
KS				Residential Total	8,218	8,637,367	663,206.90	27,316.50	186,487.38	-	68,930.93	19,082.27	-	-	-	-	-	-	965,023.98
KS				CB-Commercial Total	1,041	1,248,339	126,570.90	5,067.59	26,951.54	-	9,755.78	2,756.97	-	-	-	-	-	-	171,102.78
KS				GP-General Power Total	64	1,706,898	127,925.21	700.00	36,851.91	-	13,621.04	3,772.25	663.34	-	-	-	-	-	183,533.75
KS				LS-Special Lighting Total	7	2,855	432.57	2.95	61.64	-	22.78	6.31	-	-	-	-	-	-	526.25
KS				NM-Net Metering Total	-	(3,441)	(119.44)	-	-	-	-	-	-	-	-	-	-	-	(119.44)
KS				PL-Private Lighting Total	16	54,280	13,619.72	146.23	1,171.61	-	433.16	120.08	-	-	-	-	-	-	15,490.80
KS				SH-Small Heating Total	100	191,310	15,887.33	696.62	4,130.40	-	1,526.63	422.77	-	-	-	-	-	-	22,663.75
KS				TEB-Total Electric Bldg Total	36	746,225	51,716.43	284.54	16,110.96	-	5,954.90	1,649.15	-	-	-	-	-	-	75,715.98
KS				Commercial Total	1,264	3,946,466	336,032.72	6,897.93	85,278.06	-	31,314.29	8,727.53	663.34	-	-	-	-	-	468,913.87
KS				CB-Commercial Total	10	28,997	2,645.43	62.31	626.05	-	187.97	64.08	-	-	-	-	-	-	3,585.84
KS				GP-General Power Total	27	1,015,138	78,301.17	250.00	21,916.86	-	8,100.80	2,243.43	-	-	-	-	-	-	110,812.26
KS				PL-Private Lighting Total	-	12,950	2,776.50	61.63	279.56	-	103.34	28.62	-	-	-	-	-	-	3,249.65
KS				PT-Transmission Total	5	3,919,171	163,947.91	50.00	84,614.91	-	31,274.98	8,661.37	9,775.82	-	-	-	-	-	298,324.99
KS				SH-Small Heating Total	7	22,772	1,775.94	-	491.64	-	181.72	50.33	-	-	-	-	-	-	2,499.63
KS				TEB-Total Electric Bldg Total	3	58,720	4,099.90	-	1,267.76	-	468.59	129.77	-	-	-	-	-	-	5,966.02
KS				Industrial Total	52	5,057,748	253,546.85	423.94	109,196.78	-	40,317.40	11,177.60	9,775.82	-	-	-	-	-	424,438.39
KS				CB-Commercial Total	45	15,953	2,283.20	-	344.41	-	127.32	35.30	-	-	-	-	-	-	2,790.23
KS				LS-Special Lighting Total	9	1,463	236.95	-	31.59	-	11.68	3.23	-	-	-	-	-	-	283.45
KS				PL-Private Lighting Total	-	719	154.20	-	15.52	-	5.73	1.58	-	-	-	-	-	-	177.03
KS				SPL-Municipal St Lighting Total	-	135,280	10,193.32	-	2,920.70	-	1,079.54	298.97	4,037.62	-	-	-	-	-	18,530.15
KS				Muni Street & Highway Lighting Total	54	153,415	12,867.67	-	3,312.22	-	1,224.27	339.08	4,037.62	-	-	-	-	-	21,780.86
KS				CB-Commercial Total	83	92,345	9,555.97	-	1,993.71	-	717.15	203.80	48.78	-	-	-	-	-	12,519.41
KS				GP-General Power Total	13	167,088	15,205.55	-	3,607.43	-	1,333.36	369.27	-	-	-	-	-	-	20,515.61
KS				LS-Special Lighting Total	1	240	39.60	-	5.18	-	1.92	0.53	-	-	-	-	-	-	47.23
KS				PL-Private Lighting Total	-	157	39.52	-	3.39	-	1.25	0.35	-	-	-	-	-	-	44.51
KS				SH-Small Heating Total	3	16,120	1,207.27	-	348.03	-	128.63	35.63	-	-	-	-	-	-	1,719.56
KS				TEB-Total Electric Bldg Total	1	11,360	944.49	-	245.26	-	90.65	25.11	-	-	-	-	-	-	1,305.51
KS				Other Public Authority Total	101	287,310	26,992.40	-	6,203.00	-	2,272.96	634.69	48.78	-	-	-	-	-	36,151.83
KS				CB-Commercial Total	2	(83,430)	(6,970.31)	(2.17)	(1,802.07)	-	(657.38)	(211.05)	-	-	-	-	-	-	(9,642.98)
KS				GP-General Power Total	2	240	1,049.76	-	5.18	-	1.92	0.53	-	-	-	-	-	-	1,057.39
KS				Interdepartmental Total	4	(83,190)	(5,920.55)	(2.17)	(1,796.89)	-	(655.46)	(210.52)	-	-	-	-	-	-	(8,585.59)
KS				Total Retail	9,693	17,999,116	1,286,725.99	34,636.20	388,680.55	-	143,404.39	39,750.65	14,525.56	-	-	-	-	-	1,907,723.34
KS				GFR-Chetopa Total	1	713,743	35,612.00	-	15,873.64	-	-	-	-	-	-	-	-	-	51,485.64
KS				Wholesale Municipalities Total	1	713,743	35,612.00	-	15,873.64	-	-	-	-	-	-	-	-	-	51,485.64
KS				Total	9,694	18,712,859	1,322,337.99	34,636.20	404,554.19	-	143,404.39	39,750.65	14,525.56	-	-	-	-	-	1,959,208.98

Electric Revenue Summary by Rate
Electric by State
March 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Missouri

St	Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtN Rdr	ProperTax	XsFclty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
MO		PL-Private Lighting Total	129	356,467	133,075.70	689.68	670.70	-	-	-	19.92	-	-	-	-	-	134,456.00
MO		RGL-Residential Pilot Total	964	1,177,489	137,015.74	4,259.68	2,166.60	-	-	-	-	-	-	459.27	-	-	143,901.29
MO		RG-Residential Total	128,812	136,774,082	17,723,364.67	508,960.32	251,659.18	-	-	-	-	-	-	53,334.77	-	-	18,537,318.94
MO	Residential Total		129,905	138,308,038	17,993,456.11	513,909.68	254,496.48	-	-	-	19.92	-	-	53,794.04	-	-	18,815,676.23
MO		CB-Commercial Total	16,440	22,140,449	3,092,335.23	93,024.62	40,746.34	-	-	-	55.90	-	-	15,647.19	-	-	3,241,809.28
MO		GP-General Power Total	1,444	42,717,578	4,313,003.02	54,619.50	78,606.01	-	-	-	6,692.51	-	-	27,936.80	-	-	4,480,857.84
MO		LP-Large Power Total	6	8,650,972	653,726.93	1,393.82	15,658.27	-	-	-	40,000.70	-	-	2,178.56	-	-	712,958.28
MO		LS-Special Lighting Total	50	9,856	2,005.10	36.75	18.13	-	-	-	-	-	-	1.20	-	-	2,061.18
MO		MS-Miscellaneous Total	1	29	22.46	0.68	0.05	-	-	-	-	-	-	0.02	-	-	23.21
MO		PL-Private Lighting Total	122	683,675	209,959.15	2,837.65	1,261.42	-	-	-	509.89	-	-	0.56	-	-	214,568.67
MO		SH-Small Heating Total	2,968	6,880,742	781,789.84	21,158.86	12,660.67	-	-	-	-	-	-	4,804.02	-	-	820,413.39
MO		TEB-Total Electric Bldg Total	906	26,359,443	2,641,926.58	32,534.23	48,501.27	-	-	-	1,132.76	-	-	17,841.84	-	-	2,741,936.68
MO	Commercial Total		21,937	107,442,744	11,694,768.31	205,606.11	197,452.16	-	-	-	48,391.76	-	-	68,410.19	-	-	12,214,628.53
MO		CB-Commercial Total	70	160,644	21,040.68	813.40	295.57	-	-	-	589.52	-	-	106.71	-	-	22,845.88
MO		GP-General Power Total	138	14,132,462	1,293,701.87	12,472.86	26,003.75	-	-	-	14,073.82	-	-	8,724.53	-	-	1,354,976.83
MO		LP-Large Power Total	28	46,679,505	3,372,875.77	960.00	84,489.90	-	-	-	62,215.16	-	-	7,728.41	-	-	3,528,269.24
MO		Oil Pipe GP-General Power Total	6	1,473,774	144,758.27	-	2,711.75	-	-	-	50.00	-	-	451.53	-	-	147,971.55
MO		Oil Pipe LP-Large Power Total	5	3,707,438	344,478.96	-	6,710.47	-	-	-	-	-	-	1,563.14	-	-	352,752.57
MO		PFM-Feed Mill/Grain Elev Total	10	21,854	3,941.67	94.07	40.23	-	-	-	-	-	-	15.51	-	-	4,091.48
MO		PL-Private Lighting Total	1	29,232	7,572.29	148.57	53.79	-	-	-	-	-	-	-	-	-	7,774.65
MO		SC-P PRAXAIR Transmission To	1	6,042,334	325,477.93	-	10,936.63	-	-	-	72.00	-	-	-	-	-	336,486.56
MO		SH-Small Heating Total	9	25,012	2,800.32	59.80	46.02	-	-	-	-	-	-	17.77	-	-	2,923.91
MO		TEB-Total Electric Bldg Total	12	910,560	82,877.66	915.80	1,675.42	-	-	-	675.59	-	-	646.50	-	-	86,790.97
MO	Industrial Total		280	73,182,815	5,599,525.42	15,464.50	132,963.53	-	-	-	77,676.09	-	-	19,254.10	-	-	5,844,883.64
MO		CB-Commercial Total	330	117,324	21,005.57	-	217.40	-	-	-	-	-	-	83.29	-	-	21,306.26
MO		GP-General Power Total	2	26,720	3,326.29	-	49.16	-	-	-	-	-	-	18.97	-	-	3,394.42
MO		LS-Special Lighting Total	75	15,285	3,630.18	-	28.12	-	-	-	-	-	-	1.19	-	-	3,659.49
MO		MS-Miscellaneous Total	2	11,295	1,187.72	-	20.78	-	-	-	-	-	-	-	-	-	1,208.50
MO		PL-Private Lighting Total	-	7,966	2,182.57	-	14.73	-	-	-	-	-	-	-	-	-	2,197.30
MO		SH-Small Heating Total	2	1,944	255.10	-	3.58	-	-	-	-	-	-	1.38	-	-	260.06
MO		SPL-Municipal St Lighting Total	7	1,568,535	191,489.17	-	2,886.13	-	-	-	83,583.71	-	-	-	-	-	277,959.01
MO	Muni Street & Highway Lighting Total		418	1,749,069	223,076.60	-	3,219.90	-	-	-	83,583.71	-	-	104.83	-	-	309,985.04
MO		CB-Commercial Total	1,093	1,279,680	181,664.11	-	2,354.67	-	-	-	-	-	-	908.42	-	-	184,927.20
MO		GP-General Power Total	164	5,220,312	533,309.94	-	9,605.45	-	-	-	1,186.02	-	-	3,706.46	-	-	547,807.87
MO		PL-Private Lighting Total	-	1,053	367.79	-	1.95	-	-	-	-	-	-	-	-	-	369.74
MO		SH-Small Heating Total	44	139,398	15,245.90	-	256.50	-	-	-	-	-	-	98.98	-	-	15,601.38
MO		TEB-Total Electric Bldg Total	19	631,763	69,416.91	-	1,162.44	-	-	-	-	-	-	448.54	-	-	71,027.89
MO	Other Public Authority Total		1,320	7,272,206	800,004.65	-	13,381.01	-	-	-	1,186.02	-	-	5,162.40	-	-	819,734.08
MO		CB-Commercial Total	33	110,889	14,096.59	-	204.01	-	-	-	-	-	-	78.71	-	-	14,379.31
MO		GP-General Power Total	4	194,147	15,152.52	-	357.24	-	-	-	-	-	-	137.85	-	-	15,647.61
MO		PL-Private Lighting Total	-	253	68.59	-	0.47	-	-	-	-	-	-	-	-	-	69.06
MO	Interdepartmental Total		37	305,289	29,317.70	-	561.72	-	-	-	-	-	-	216.56	-	-	30,095.98
MO	Total Retail		153,897	328,260,161	36,340,148.79	734,980.29	602,074.80	-	-	-	210,857.50	-	-	146,942.12	-	-	38,035,003.50
MO		GFR-Lockwood Total	1	828,862	33,430.33	-	18,433.89	-	-	-	-	-	-	-	-	-	51,864.22
MO		GFR-Monett Total	1	18,998,461	654,730.51	-	422,525.77	-	-	-	-	-	-	-	-	-	1,077,256.28
MO		GFR-Mt Vernon Total	1	5,259,328	189,150.70	-	116,967.46	-	-	-	-	-	-	-	-	-	306,118.16
MO	Wholesale Municipalities Total		3	25,086,651	877,311.54	-	557,927.12	-	-	-	-	-	-	-	-	-	1,435,238.66
MO	Total		153,900	353,346,812	37,217,460.33	734,980.29	1,160,001.92	-	-	-	210,857.50	-	-	146,942.12	-	-	39,470,242.16

Electric Revenue Summary by Rate
Electric by State
March 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Oklahoma

Revenue		Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtn Rdr	ProperTax	XsFcty	SWPP	EERC	EFF	TCR	ECP	Total Revenue	
St	Class																Pricing Plan
OK		PL-Private Lighting Total	6	35,094	8,515.00	-	1,134.37	-	-	-	11.14	-	-	-	205.21	9,865.72	
OK		RG-Residential Total	2,875	2,414,994	162,471.88	7,010.26	78,253.08	-	-	-	5,844.28	-	-	-	16,906.63	270,486.13	
OK		RH-Residential Total Elec Total	897	1,467,848	70,841.25	1,764.85	47,527.43	-	-	-	3,552.16	-	-	-	10,275.33	133,961.02	
OK		Residential Total	3,778	3,917,936	241,828.13	8,775.11	126,914.88	-	-	-	9,407.58	-	-	-	27,387.17	414,312.87	
OK		CB-Commercial Total	707	809,789	72,528.33	1,808.18	26,235.28	-	-	-	1,149.97	-	-	-	5,101.77	106,823.53	
OK		GP-General Power Total	60	1,316,419	76,991.94	-	42,624.36	-	-	-	3,857.08	-	-	-	8,293.39	131,766.77	
OK		LS-Special Lighting Total	11	560	128.48	1.76	18.13	-	-	-	0.17	-	-	-	10.03	158.57	
OK		NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
OK		PL-Private Lighting Total	8	42,876	8,850.13	-	1,388.03	-	-	-	13.05	-	-	-	252.66	10,503.87	
OK		PT-Transmission Total	1	1,632,000	55,267.06	-	51,931.87	-	-	4,665.22	1,632.00	-	-	-	9,628.80	123,124.95	
OK		TEB-Total Electric Bldg Total	27	262,117	13,608.10	-	8,487.10	-	-	-	1,593.67	-	-	-	1,677.56	25,366.43	
OK		Commercial Total	815	4,063,761	227,374.04	1,809.94	130,684.77	-	-	4,665.22	8,245.94	-	-	-	24,964.21	397,744.12	
OK		CB-Commercial Total	2	17	27.58	-	0.55	-	-	-	0.02	-	-	-	0.11	28.26	
OK		GP-General Power Total	4	239,955	13,458.92	44.97	7,769.50	-	-	478.30	703.07	-	-	-	1,511.72	23,966.48	
OK		Oil Pipe PT-Transmission Total	1	644,000	27,159.05	-	20,492.72	-	-	-	644.00	-	-	-	3,799.60	52,095.37	
OK		PL-Private Lighting Total	-	1,950	487.02	-	63.14	-	-	-	0.59	-	-	-	11.51	562.26	
OK		PT-Transmission Total	4	2,117,755	87,751.65	-	67,389.08	-	-	8,090.39	2,117.76	-	-	-	12,494.76	177,843.64	
OK		Industrial Total	11	3,003,677	128,884.22	44.97	95,714.99	-	-	8,568.69	3,465.44	-	-	-	17,817.70	254,496.01	
OK		CB-Commercial Total	12	1,843	308.30	-	59.67	-	-	-	2.62	-	-	-	11.63	382.22	
OK		LS-Special Lighting Total	1	520	59.26	-	16.84	-	-	-	0.16	-	-	-	9.31	85.57	
OK		PL-Private Lighting Total	1	205	52.80	-	6.64	-	-	-	0.07	-	-	-	1.20	60.71	
OK		SPL-Municipal St Lighting Total	-	54,434	3,957.27	-	1,762.51	-	-	1,028.92	16.33	-	-	-	364.70	7,129.73	
OK		Muni Street & Highway Lighting Total	14	57,002	4,377.63	-	1,845.66	-	-	1,028.92	19.18	-	-	-	386.84	7,658.23	
OK		CB-Commercial Total	69	77,570	6,953.93	-	2,511.67	-	-	-	110.14	-	-	-	488.70	10,064.44	
OK		GP-General Power Total	8	91,572	6,740.43	-	2,965.01	-	-	-	268.31	-	-	-	576.90	10,550.65	
OK		TEB-Total Electric Bldg Total	1	500	69.79	-	16.19	-	-	-	3.04	-	-	-	3.20	92.22	
OK		Other Public Authority Total	78	169,642	13,764.15	-	5,492.87	-	-	-	381.49	-	-	-	1,068.80	20,707.31	
OK		OK Total	4,696	11,212,018	616,228.17	10,630.02	360,653.17	-	-	14,262.83	21,519.63	-	-	-	71,624.72	1,094,918.54	
Grand Total			172,909	396,198,179	39,872,375.49	795,309.25	2,188,391.76	40,022.55	194,425.12	39,750.65	248,256.69	21,519.63	4,753.11	146,942.12	47,154.43	71,624.72	43,670,525.52

Electric Revenue Summary by Rate
 Total Company Water
 March 31, 2018

SCHEDULE LLF-2
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Revenue Class	Pricing Plan	Customers	Gallons (1,000)	Usage	Wtr Prmcy	Hydrnt	XsFclty	Total Revenue
	WA-Water Total	4,033	12,953	108,395.93	-	3,861.65	-	112,257.58
WA-Residential Total		4,033	12,953	108,395.93	-	3,861.65	-	112,257.58
	WA-Sprinkler System Total	-	-	371.89	-	-	-	371.89
	WA-Water Total	464	6,690	33,505.92	3.00	434.04	18.58	33,961.54
WA-Commercial Total		464	6,690	33,877.81	3.00	434.04	18.58	34,333.43
WA-Industrial Total		7	2,483	5,666.69	-	11.33	-	5,678.02
WA-Other Public Authority Total		22	294	1,587.22	-	24.02	-	1,611.24
WA-Interdepartmental Total		2	16	166.49	-	1.60	-	168.09
Grand Total		4,528	22,436	149,694.14	3.00	4,332.64	18.58	154,048.36

Electric Revenue Summary by Rate
Electric by State
April 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Arkansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtm Rdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
AR		NM-Net Metering Total	-	(101)	(7.59)	-	-	-	-	-	-	-	-	-	-	-	(7.59)
AR		PL-Private Lighting Total	9	16,572	2,624.69	7.85	405.60	22.53	30.94	-	-	-	10.24	-	-	-	3,101.85
AR		RG-Residential Total	3,815	2,885,555	248,263.17	11,455.21	70,638.72	11,802.17	16,072.62	-	-	-	1,702.20	-	14,369.92	-	374,304.01
AR		Residential Total	3,824	2,902,026	250,880.27	11,463.06	71,044.32	11,824.70	16,103.56	-	-	-	1,712.44	-	14,369.92	-	377,398.27
AR		CB-Commercial Total	612	898,769	64,703.86	2,461.79	22,006.84	3,379.24	4,251.05	-	18.18	-	528.15	-	3,918.70	-	101,267.81
AR		GP-General Power Total	56	1,374,065	77,840.58	309.82	33,609.61	4,135.91	4,420.43	-	6.00	-	810.70	-	4,457.81	-	125,590.86
AR		LS-Special Lighting Total	3	487	100.81	1.72	11.91	0.70	0.86	-	-	-	0.29	-	-	-	116.29
AR		PL-Private Lighting Total	3	26,830	3,680.44	35.87	656.87	38.33	48.38	-	-	-	15.83	-	-	-	4,475.72
AR		Commercial Total	674	2,300,151	146,325.69	2,809.20	56,285.23	7,554.18	8,720.72	-	24.18	-	1,354.97	-	8,376.51	-	231,450.68
AR		CB-Commercial Total	1	1,963	140.19	8.58	48.01	7.38	9.28	-	-	-	1.16	-	8.56	-	223.16
AR		GP-General Power Total	4	505,976	31,389.04	50.00	12,376.18	1,522.98	2,275.87	-	60.00	-	298.52	-	2,295.14	-	50,267.73
AR		PL-Private Lighting Total	-	5,882	522.32	8.34	143.87	8.46	10.58	-	395.21	-	0.93	-	-	-	1,089.71
AR		PT-Transmission Total	4	6,407,151	249,227.03	150.00	156,718.91	16,338.23	21,426.86	-	6,612.11	-	842.52	-	19,942.32	-	471,257.98
AR		Industrial Total	9	6,920,972	281,278.58	216.92	169,286.97	17,877.05	23,722.59	-	7,067.32	-	1,143.13	-	22,246.02	-	522,838.58
AR		CB-Commercial Total	23	3,855	626.76	-	94.71	14.49	18.23	-	-	-	2.32	-	16.79	-	773.30
AR		LS-Special Lighting Total	7	1,051	237.59	-	25.71	1.51	1.87	-	-	-	0.62	-	-	-	267.30
AR		PL-Private Lighting Total	-	711	93.93	-	17.40	1.04	1.27	-	-	-	0.43	-	-	-	114.07
AR		SPL-Municipal St Lighting Total	-	52,374	2,147.07	-	1,281.08	75.43	103.18	-	1,519.30	-	30.89	-	-	-	5,156.95
AR		Muni Street & Highway Lighting Total	30	57,991	3,105.35	-	1,418.90	92.47	124.55	-	1,519.30	-	34.26	-	16.79	-	6,311.62
AR		CB-Commercial Total	76	74,428	6,025.08	-	1,870.27	279.81	352.07	-	-	-	43.95	-	324.49	-	8,895.67
AR		GP-General Power Total	5	333,993	15,713.51	-	8,169.47	1,005.32	807.07	-	-	-	197.06	-	813.91	-	26,706.34
AR		PL-Private Lighting Total	-	65	8.11	-	1.59	0.09	0.12	-	-	-	0.04	-	-	-	9.95
AR		Other Public Authority Total	81	408,486	21,746.70	-	10,041.33	1,285.22	1,159.26	-	-	-	241.05	-	1,138.40	-	35,611.96
AR		Total	4,618	12,589,626	703,336.59	14,489.18	308,076.75	38,633.62	49,830.68	-	8,610.80	-	4,485.85	-	46,147.64	-	1,173,611.11

Electric Revenue Summary by Rate
Electric by State
April 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Kansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtm Rdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
KS		NM-Net Metering Total	-	(1,012)	(22.72)	-	-	-	-	-	-	-	-	-	-	-	(22.72)
KS		PL-Private Lighting Total	19	53,519	16,579.36	115.13	1,154.83	-	428.73	118.57	-	-	-	-	-	-	18,396.62
KS		RG-Residential Total	5,537	4,054,152	343,894.05	18,307.20	87,541.01	12.32	32,322.59	8,956.28	-	-	-	-	-	-	491,033.45
KS		RG-Residential Water Heat Total	759	738,443	56,699.02	2,281.90	15,942.89	-	5,892.79	1,631.68	-	-	-	-	-	-	82,448.28
KS		RH-Residential Total Elec Total	1,866	2,657,124	178,337.87	4,906.07	57,388.87	-	21,203.87	5,870.01	-	-	-	-	-	-	267,706.69
KS	Residential Total		8,181	7,502,226	595,487.58	25,610.30	162,027.60	12.32	59,847.98	16,576.54	-	-	-	-	-	-	859,562.32
KS		CB-Commercial Total	1,041	1,126,034	116,333.55	4,741.15	24,311.05	-	8,848.95	2,488.71	-	-	-	-	-	-	156,723.41
KS		GP-General Power Total	64	1,576,196	121,877.36	700.00	34,030.09	-	12,578.03	3,483.36	663.34	-	-	-	-	-	173,332.18
KS		LS-Special Lighting Total	9	4,666	590.53	2.95	100.74	-	37.24	10.32	-	-	-	-	-	-	741.78
KS		NM-Net Metering Total	-	(4,117)	(92.43)	-	-	-	-	-	-	-	-	-	-	-	(92.43)
KS		PL-Private Lighting Total	16	54,385	13,654.94	146.23	1,173.88	-	434.00	120.30	-	-	-	-	-	-	15,529.35
KS		SH-Small Heating Total	100	174,368	14,756.73	635.11	3,773.25	5.62	1,378.03	388.89	-	-	-	-	-	-	20,937.63
KS		TEB-Total Electric Bldg Total	36	632,957	44,602.71	284.21	13,665.54	-	5,051.00	1,398.82	-	-	-	-	-	-	65,002.28
KS	Commercial Total		1,266	3,564,489	311,723.39	6,509.65	77,054.55	5.62	28,327.25	7,890.40	663.34	-	-	-	-	-	432,174.20
KS		CB-Commercial Total	10	25,758	2,374.60	39.96	556.11	-	168.53	56.92	-	-	-	-	-	-	3,196.12
KS		GP-General Power Total	27	970,444	76,549.49	250.00	20,951.89	-	7,744.14	2,144.65	-	-	-	-	-	-	107,640.17
KS		PL-Private Lighting Total	-	12,950	2,776.50	61.63	279.56	-	103.34	28.62	-	-	-	-	-	-	3,249.65
KS		PT-Transmission Total	5	3,782,845	160,755.93	50.00	81,671.62	-	30,187.11	8,360.09	9,775.82	-	-	-	-	-	290,800.57
KS		SH-Small Heating Total	7	19,609	1,555.97	-	423.36	-	156.49	43.33	-	-	-	-	-	-	2,179.15
KS		TEB-Total Electric Bldg Total	3	59,760	4,137.39	-	1,290.22	-	476.88	132.07	-	-	-	-	-	-	6,036.56
KS	Industrial Total		52	4,871,366	248,149.88	401.59	105,172.76	-	38,836.49	10,765.68	9,775.82	-	-	-	-	-	413,102.22
KS		CB-Commercial Total	45	12,241	1,963.84	-	264.27	-	97.69	27.05	-	-	-	-	-	-	2,352.85
KS		LS-Special Lighting Total	9	272	166.96	-	5.87	-	2.18	0.61	-	-	-	-	-	-	175.62
KS		PL-Private Lighting Total	-	719	154.20	-	15.52	-	5.73	1.58	-	-	-	-	-	-	177.03
KS		SPL-Municipal St Lighting Total	-	116,622	10,193.32	-	2,517.86	-	930.62	257.73	4,037.62	-	-	-	-	-	17,937.15
KS	Muni Street & Highway Lighting Total		54	129,854	12,478.32	-	2,803.52	-	1,036.22	286.97	4,037.62	-	-	-	-	-	20,642.65
KS		CB-Commercial Total	83	97,668	9,957.12	-	2,108.67	-	762.12	215.84	48.78	-	-	-	-	-	13,092.53
KS		GP-General Power Total	13	187,737	15,685.94	-	4,053.23	-	1,498.15	414.89	-	-	-	-	-	-	21,652.21
KS		LS-Special Lighting Total	1	160	39.60	-	3.45	-	1.28	0.35	-	-	-	-	-	-	44.68
KS		PL-Private Lighting Total	-	157	39.52	-	3.39	-	1.25	0.35	-	-	-	-	-	-	44.51
KS		SH-Small Heating Total	3	13,280	1,009.52	-	286.72	-	105.97	29.35	-	-	-	-	-	-	1,431.56
KS		TEB-Total Electric Bldg Total	1	10,160	873.27	-	219.35	-	81.08	22.45	-	-	-	-	-	-	1,196.15
KS	Other Public Authority Total		101	309,162	27,604.97	-	6,674.81	-	2,449.85	683.23	48.78	-	-	-	-	-	37,461.64
KS		CB-Commercial Total	2	15,570	1,338.85	-	336.15	-	124.24	34.41	-	-	-	-	-	-	1,833.65
KS		GP-General Power Total	2	240	1,049.76	-	5.18	-	1.92	0.53	-	-	-	-	-	-	1,057.39
KS	Interdepartmental Total		4	15,810	2,388.61	-	341.33	-	126.16	34.94	-	-	-	-	-	-	2,891.04
KS	Total Retail		9,658	16,392,907	1,197,832.75	32,521.54	354,074.57	17.94	130,623.95	36,237.76	14,525.56	-	-	-	-	-	1,765,834.07
KS		GFR-Chetopa Total	1	670,984	35,044.79	-	11,299.37	-	-	-	-	-	-	-	-	-	46,344.16
KS	Wholesale Municipalities Total		1	670,984	35,044.79	-	11,299.37	-	-	-	-	-	-	-	-	-	46,344.16
KS	Total		9,659	17,063,891	1,232,877.54	32,521.54	365,373.94	17.94	130,623.95	36,237.76	14,525.56	-	-	-	-	-	1,812,178.23

Electric Revenue Summary by Rate
Electric by State
April 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Missouri

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtm Rdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
MO		NM-Net Metering Total	-	954	24.42	1.42	(1.76)	-	-	-	-	-	-	(0.37)	-	-	23.71
MO		PL-Private Lighting Total	127	356,060	132,931.65	692.48	669.99	-	-	-	19.92	-	-	-	-	-	134,314.04
MO		RGL-Residential Pilot Total	948	1,094,590	128,622.85	4,093.16	2,013.94	-	-	-	-	-	-	426.79	-	-	135,156.74
MO		RG-Residential Total	128,639	125,469,694	16,497,680.59	472,351.15	230,784.45	-	-	-	-	-	-	48,889.77	-	-	17,249,705.96
MO		Residential Total	129,714	126,921,298	16,759,259.51	477,138.21	233,466.62	-	-	-	19.92	-	-	49,316.19	-	-	17,519,200.45
MO		CB-Commercial Total	16,443	21,912,126	3,064,114.39	91,221.58	40,317.90	-	-	-	55.90	-	-	15,491.03	-	-	3,211,200.80
MO		GP-General Power Total	1,441	43,527,928	4,382,482.87	55,792.41	80,085.64	-	-	-	7,173.72	-	-	28,438.15	-	-	4,553,972.79
MO		LP-Large Power Total	6	8,614,800	657,324.87	1,465.72	15,592.79	-	-	-	39,519.49	-	-	2,268.88	-	-	716,171.75
MO		LS-Special Lighting Total	50	16,413	3,169.86	36.39	30.18	-	-	-	-	-	-	1.64	-	-	3,238.07
MO		MS-Miscellaneous Total	1	49	24.49	0.74	0.09	-	-	-	-	-	-	0.03	-	-	25.35
MO		PL-Private Lighting Total	120	682,489	209,500.44	2,841.49	1,259.26	-	-	-	509.89	-	-	0.56	-	-	214,111.64
MO		RG-Residential Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		SH-Small Heating Total	2,966	6,214,494	719,858.83	19,176.72	11,435.21	-	-	-	-	-	-	4,347.69	-	-	754,818.45
MO		TEB-Total Electric Bldg Total	907	26,004,351	2,619,451.64	32,245.73	47,847.97	-	-	-	1,132.76	-	-	17,709.43	-	-	2,718,387.53
MO		Commercial Total	21,934	106,972,650	11,655,927.39	202,780.78	196,569.04	-	-	-	48,391.76	-	-	68,257.41	-	-	12,171,926.38
MO		CB-Commercial Total	70	153,385	20,179.32	756.67	282.26	-	-	-	589.52	-	-	101.60	-	-	21,909.37
MO		GP-General Power Total	138	15,219,444	1,373,674.65	12,368.54	28,003.80	-	-	-	14,073.82	-	-	9,145.87	-	-	1,437,266.68
MO		LP-Large Power Total	28	45,787,091	3,360,051.61	960.00	82,874.62	-	-	-	62,215.16	-	-	7,621.85	-	-	3,513,723.24
MO		Oil Pipe GP-General Power Total	6	763,064	88,010.74	-	1,404.03	-	-	-	50.00	-	-	431.50	-	-	89,896.27
MO		Oil Pipe LP-Large Power Total	5	4,854,964	388,479.58	-	8,787.48	-	-	-	-	-	-	2,672.44	-	-	399,939.50
MO		PFM-Feed Mill/Grain Elev Total	10	23,086	4,140.26	104.69	42.47	-	-	-	-	-	-	16.39	-	-	4,303.81
MO		PL-Private Lighting Total	1	29,250	7,577.41	148.75	53.83	-	-	-	-	-	-	-	-	-	7,779.99
MO		SC-P PRAXAIR Transmission Total	1	5,824,156	319,152.89	-	10,541.72	-	-	-	72.00	-	-	-	-	-	329,766.61
MO		SH-Small Heating Total	9	26,276	2,930.37	67.21	48.36	-	-	-	-	-	-	18.66	-	-	3,064.60
MO		TEB-Total Electric Bldg Total	12	963,840	87,634.93	866.30	1,773.46	-	-	-	675.59	-	-	684.33	-	-	91,634.61
MO		Industrial Total	280	73,644,556	5,651,831.76	15,272.16	133,812.03	-	-	-	77,676.09	-	-	20,692.64	-	-	5,899,284.68
MO		CB-Commercial Total	331	123,154	22,666.80	-	226.60	-	-	-	-	-	-	87.43	-	-	22,980.83
MO		GP-General Power Total	2	32,480	3,851.33	-	59.76	-	-	-	-	-	-	23.06	-	-	3,934.15
MO		LS-Special Lighting Total	75	19,413	4,121.31	-	35.73	-	-	-	-	-	-	1.23	-	-	4,158.27
MO		MS-Miscellaneous Total	2	11,295	1,187.72	-	20.78	-	-	-	-	-	-	-	-	-	1,208.50
MO		PL-Private Lighting Total	-	7,898	2,163.99	-	14.60	-	-	-	-	-	-	-	-	-	2,178.59
MO		SH-Small Heating Total	2	1,816	242.79	-	3.34	-	-	-	-	-	-	1.29	-	-	247.42
MO		SPL-Municipal St Lighting Total	7	1,352,186	185,203.69	-	2,488.05	-	-	-	89,869.19	-	-	-	-	-	277,560.93
MO		Muni Street & Highway Lighting Total	419	1,548,242	219,437.63	-	2,848.86	-	-	-	89,869.19	-	-	113.01	-	-	312,268.69
MO		CB-Commercial Total	1,091	1,345,138	189,377.23	-	2,475.07	-	-	-	-	-	-	954.85	-	-	192,807.15
MO		GP-General Power Total	164	5,549,189	552,385.90	-	10,210.59	-	-	-	1,186.02	-	-	3,939.93	-	-	567,722.44
MO		PL-Private Lighting Total	-	1,053	367.79	-	1.95	-	-	-	-	-	-	-	-	-	369.74
MO		SH-Small Heating Total	44	115,694	12,927.92	-	212.88	-	-	-	-	-	-	82.15	-	-	13,222.95
MO		TEB-Total Electric Bldg Total	19	523,879	61,111.27	-	963.93	-	-	-	-	-	-	371.94	-	-	62,447.14
MO		Other Public Authority Total	1,318	7,534,953	816,170.11	-	13,864.42	-	-	-	1,186.02	-	-	5,348.87	-	-	836,569.42
MO		CB-Commercial Total	33	104,441	13,338.85	-	192.17	-	-	-	-	-	-	74.17	-	-	13,605.19
MO		GP-General Power Total	4	122,009	10,513.27	-	224.49	-	-	-	-	-	-	86.62	-	-	10,824.38
MO		PL-Private Lighting Total	-	253	68.59	-	0.47	-	-	-	-	-	-	-	-	-	69.06
MO		Interdepartmental Total	37	226,703	23,920.71	-	417.13	-	-	-	-	-	-	160.79	-	-	24,498.63
MO		Total Retail	153,702	316,848,402	35,126,547.11	695,191.15	580,978.10	-	-	-	217,142.98	-	-	143,888.91	-	-	36,763,748.25
MO		GFR-Lockwood Total	1	784,459	34,246.24	-	13,210.29	-	-	-	-	-	-	-	-	-	47,456.53
MO		GFR-Monett Total	1	18,650,634	643,526.66	-	314,076.68	-	-	-	-	-	-	-	-	-	957,603.34
MO		GFR-Mt Vernon Total	1	5,036,078	186,418.56	-	84,807.55	-	-	-	-	-	-	-	-	-	271,226.11
MO		Wholesale Municipalities Total	3	24,471,171	864,191.46	-	412,094.52	-	-	-	-	-	-	-	-	-	1,276,285.98
MO		Total	153,705	341,319,573	35,990,738.57	695,191.15	993,072.62	-	-	-	217,142.98	-	-	143,888.91	-	-	38,040,034.23

Electric Revenue Summary by Rate
Electric by State
April 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Oklahoma

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtm Rdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
OK		PL-Private Lighting Total	8	35,267	8,559.41	-	1,010.88	-	-	-	-	11.21	-	-	-	206.24	9,787.74
OK		RG-Residential Total	2,863	2,233,318	154,447.84	6,480.35	64,040.79	-	-	-	-	5,404.64	-	-	-	15,634.84	246,008.46
OK		RH-Residential Total Elec Total	894	1,281,240	63,089.83	1,503.41	36,758.25	-	-	-	-	3,100.65	-	-	-	8,969.20	113,421.34
OK		Residential Total	3,765	3,549,825	226,097.08	7,983.76	101,809.92	-	-	-	-	8,516.50	-	-	-	24,810.28	369,217.54
OK		CB-Commercial Total	707	810,361	72,486.79	1,822.35	23,247.02	-	-	-	-	1,150.81	-	-	-	5,105.18	103,812.15
OK		GP-General Power Total	60	1,380,111	79,363.57	-	39,596.75	-	-	-	-	4,043.75	-	-	-	8,694.72	131,698.79
OK		LS-Special Lighting Total	11	1,170	228.93	5.33	33.57	-	-	-	-	0.34	-	-	-	20.94	289.11
OK		NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		PL-Private Lighting Total	8	43,116	8,880.14	-	1,236.65	-	-	-	-	13.12	-	-	-	254.10	10,384.01
OK		PT-Transmission Total	1	1,603,200	54,642.29	-	45,205.43	-	-	-	4,665.22	1,603.20	-	-	-	9,458.88	115,575.02
OK		RG-Residential Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		TEB-Total Electric Bldg Total	27	244,009	12,770.04	-	7,000.88	-	-	-	-	1,483.58	-	-	-	1,561.67	22,816.17
OK		Commercial Total	815	4,081,967	228,371.76	1,827.68	116,320.30	-	-	-	4,665.22	8,294.80	-	-	-	25,095.49	384,575.25
OK		CB-Commercial Total	2	18	27.58	-	0.52	-	-	-	-	0.03	-	-	-	0.11	28.24
OK		GP-General Power Total	4	292,907	15,698.54	50.19	8,403.80	-	-	-	478.30	858.22	-	-	-	1,845.32	27,334.37
OK		Oil Pipe PT-Transmission Total	1	1,140,000	41,199.49	-	32,144.58	-	-	-	-	1,140.00	-	-	-	6,726.00	81,210.07
OK		PL-Private Lighting Total	-	1,950	487.02	-	55.94	-	-	-	-	0.59	-	-	-	11.51	555.06
OK		PT-Transmission Total	4	2,152,855	88,733.36	-	60,704.05	-	-	-	8,090.39	2,152.86	-	-	-	12,701.85	172,382.51
OK		Industrial Total	11	3,587,730	146,145.99	50.19	101,308.89	-	-	-	8,568.69	4,151.70	-	-	-	21,284.79	281,510.25
OK		CB-Commercial Total	12	853	210.95	-	22.39	-	-	-	-	1.19	-	-	-	5.37	239.90
OK		LS-Special Lighting Total	1	640	72.87	-	18.36	-	-	-	-	0.19	-	-	-	11.46	102.88
OK		PL-Private Lighting Total	1	205	52.80	-	5.87	-	-	-	-	0.07	-	-	-	1.20	59.94
OK		SPL-Municipal St Lighting Total	-	46,926	3,957.27	-	1,346.35	-	-	-	1,028.92	14.08	-	-	-	314.41	6,661.03
OK		Muni Street & Highway Lighting Total	14	48,624	4,293.89	-	1,392.97	-	-	-	1,028.92	15.53	-	-	-	332.44	7,063.75
OK		CB-Commercial Total	69	60,893	5,719.85	-	1,747.09	-	-	-	-	86.48	-	-	-	383.64	7,937.06
OK		GP-General Power Total	8	87,139	6,654.31	-	2,500.11	-	-	-	-	255.32	-	-	-	548.99	9,958.73
OK		TEB-Total Electric Bldg Total	1	747	87.08	-	21.43	-	-	-	-	4.54	-	-	-	4.78	117.83
OK		Other Public Authority Total	78	148,779	12,461.24	-	4,268.63	-	-	-	-	346.34	-	-	-	937.41	18,013.62
OK		OK Total	4,683	11,416,925	617,369.96	9,861.63	325,100.71	-	-	-	14,262.83	21,324.87	-	-	-	72,460.41	1,060,380.41
		Grand Total	172,665	382,390,015	38,544,322.66	752,063.50	1,991,624.02	38,651.56	180,454.63	36,237.76	254,542.17	21,324.87	4,485.85	143,888.91	46,147.64	72,460.41	42,086,203.98

Electric Revenue Summary by Rate
Total Company Water
April 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Revenue Class	Pricing Plan	Customers	Gallons (1,000)	Usage	Wtr Pmcy	Hydrnt	XsFclty	Total Revenue
	WA-Tank Water Total	-	6	110.10	-	-	-	110.10
	WA-Water Total	4,007	14,874	115,930.42	-	3,833.72	-	119,764.14
WA-Residential Total		4,007	14,880	116,040.52	-	3,833.72	-	119,874.24
	WA-Sprinkler System Total	-	-	371.89	-	-	-	371.89
	WA-Tank Water Total	-	4	73.40	-	-	-	73.40
	WA-Water Total	465	7,294	36,021.37	-	456.31	18.58	36,496.26
WA-Commercial Total		465	7,298	36,466.66	-	456.31	18.58	36,941.55
WA-Industrial Total		7	3,007	6,468.73	-	11.33	-	6,480.06
WA-Other Public Authority Total		22	365	1,753.52	-	24.00	-	1,777.52
WA-Interdepartmental Total		2	2	106.29	-	1.60	-	107.89
Grand Total		4,503	25,552	160,835.72	-	4,326.96	18.58	165,181.26

Electric Revenue Summary by Rate
Electric by State
May 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Arkansas

St	Revenue Class	Pricing Plan	Customer s	KWH	Usage	Fran Fee	Fuel	Env Rec	RvrtNrdR	ProperTax	XsFcilty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
AR		NM-Net Metering Total	-	(1,110)	(82.12)	-	-	-	-	-	-	-	-	-	-	-	(82.12)
AR		PL-Private Lighting Total	5	15,921	2,524.44	8.07	391.96	21.53	29.66	-	-	-	9.98	-	-	-	2,985.64
AR		RG-Residential Total	3,815	2,776,957	241,450.49	9,489.18	67,932.93	11,357.80	15,467.63	-	-	-	1,638.35	-	13,828.74	-	361,165.12
AR		Residential Total	3,820	2,791,768	243,892.81	9,497.25	68,324.89	11,379.33	15,497.29	-	-	-	1,648.33	-	13,828.74	-	364,068.64
AR		CB-Commercial Total	618	925,564	66,261.19	2,568.21	22,639.23	3,480.12	4,377.88	-	18.18	-	543.80	-	4,035.30	-	103,923.91
AR		GP-General Power Total	56	1,541,461	85,940.09	317.00	37,704.15	4,639.83	4,948.46	-	6.00	-	909.46	-	4,990.40	-	139,455.39
AR		LS-Special Lighting Total	3	923	165.28	1.67	22.57	1.32	1.65	-	-	-	0.54	-	-	-	193.03
AR		PL-Private Lighting Total	3	26,847	3,692.54	37.15	656.76	38.36	48.41	-	-	-	15.85	-	-	-	4,489.07
AR		Commercial Total	680	2,494,795	156,059.10	2,924.03	61,022.71	8,159.63	9,376.40	-	24.18	-	1,469.65	-	9,025.70	-	248,061.40
AR		CB-Commercial Total	1	1,943	139.11	8.51	47.53	7.31	9.19	-	-	-	1.15	-	8.47	-	221.27
AR		GP-General Power Total	4	509,508	30,765.14	50.00	12,462.56	1,533.62	2,197.84	-	60.00	-	300.61	-	2,216.45	-	49,586.22
AR		PL-Private Lighting Total	-	5,882	522.32	8.34	143.87	8.46	10.58	-	395.21	-	0.93	-	-	-	1,089.71
AR		PT-Transmission Total	4	7,703,151	270,350.19	150.00	188,419.08	19,643.03	22,836.05	-	6,612.11	-	1,018.10	-	21,253.88	-	530,282.44
AR		Industrial Total	9	8,220,484	301,776.76	216.85	201,073.04	21,192.42	25,053.66	-	7,067.32	-	1,320.79	-	23,478.80	-	581,179.64
AR		CB-Commercial Total	24	4,649	673.03	-	113.70	17.48	22.00	-	-	-	2.71	-	20.27	-	849.19
AR		LS-Special Lighting Total	6	1,509	415.75	-	36.90	2.17	2.69	-	-	-	0.89	-	-	-	458.40
AR		PL-Private Lighting Total	-	711	93.93	-	17.40	1.04	1.27	-	-	-	0.43	-	-	-	114.07
AR		SPL-Municipal St Lighting Tot	-	48,883	2,147.07	-	1,195.68	70.38	96.29	-	1,519.30	-	28.85	-	-	-	5,057.57
AR		Muni Street & Highway Lighting Total	30	55,752	3,329.78	-	1,363.68	91.07	122.25	-	1,519.30	-	32.88	-	20.27	-	6,479.23
AR		CB-Commercial Total	77	89,292	6,791.41	-	2,184.15	335.76	422.37	-	-	-	52.67	-	389.33	-	10,175.69
AR		GP-General Power Total	5	314,524	15,723.98	-	7,693.26	946.71	835.51	-	-	-	185.57	-	842.58	-	26,227.61
AR		PL-Private Lighting Total	-	65	8.11	-	1.59	0.09	0.12	-	-	-	0.04	-	-	-	9.95
AR		Other Public Authority Total	82	403,881	22,523.50	-	9,879.00	1,282.56	1,258.00	-	-	-	238.28	-	1,231.91	-	36,413.25
AR		Total	4,621	13,966,680	727,581.95	12,638.13	341,663.32	42,105.01	51,307.60	-	8,610.80	-	4,709.93	-	47,585.42	-	1,236,202.16

Electric Revenue Summary by Rate
Electric by State
May 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Kansas

Revenue	Customer																	
St	Class	Pricing Plan	s	KWH	Usage	Fran Fee	Fuel	Env Rec	RvrtRdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	Total Revenue	
KS		NM-Net Metering Total	-	(1,739)	(38.31)	-	-	-	-	-	-	-	-	-	-	-	(38.31)	
KS		PL-Private Lighting Total	20	53,466	16,582.99	114.67	1,106.76	-	428.33	118.47	-	-	-	-	-	-	18,351.22	
KS		RG-Residential Total	5,530	3,916,243	335,748.65	17,950.09	81,055.07	-	31,251.84	8,654.68	-	-	-	-	-	-	474,660.33	
KS		RG-Residential Water Heat T	745	695,303	54,043.76	2,207.99	14,392.56	-	5,548.55	1,536.60	-	-	-	-	-	-	77,729.46	
KS		RH-Residential Total Elec Tot	1,869	2,102,807	146,525.56	3,652.01	43,515.11	-	16,780.30	4,647.05	-	-	-	-	-	-	215,120.03	
KS		Residential Total	8,164	6,766,080	552,862.65	23,924.76	140,069.50	-	54,009.02	14,956.80	-	-	-	-	-	-	785,822.73	
KS		CB-Commercial Total	1,048	1,240,304	125,698.82	4,852.26	25,671.69	-	9,751.64	2,741.01	-	-	-	-	-	-	168,715.42	
KS		GP-General Power Total	64	1,793,443	135,316.10	700.00	37,124.23	-	14,311.68	3,963.51	663.34	-	-	-	-	-	192,078.86	
KS		LS-Special Lighting Total	9	5,722	681.96	6.75	118.46	-	42.07	12.63	-	-	-	-	-	-	861.87	
KS		NM-Net Metering Total	-	(5,493)	(121.02)	-	-	-	-	-	-	-	-	-	-	-	(121.02)	
KS		PL-Private Lighting Total	16	54,399	13,655.30	146.37	1,126.00	-	434.12	120.35	-	-	-	-	-	-	15,482.14	
KS		SH-Small Heating Total	100	243,408	19,430.45	555.23	5,038.54	-	1,942.40	537.91	-	-	-	-	-	-	27,504.53	
KS		TEB-Total Electric Bldg Total	36	613,137	43,185.30	282.26	12,691.91	-	4,892.82	1,355.03	-	-	-	-	-	-	62,407.32	
KS		Commercial Total	1,273	3,944,920	337,846.91	6,542.87	81,770.83	-	31,374.73	8,730.44	663.34	-	-	-	-	-	466,929.12	
KS		CB-Commercial Total	10	17,141	1,655.41	38.34	354.81	-	99.11	37.89	-	-	-	-	-	-	2,185.56	
KS		GP-General Power Total	27	1,020,784	80,822.52	250.00	21,130.22	-	8,145.87	2,255.94	-	-	-	-	-	-	112,604.55	
KS		PL-Private Lighting Total	-	12,950	2,776.50	61.53	268.08	-	103.34	28.62	-	-	-	-	-	-	3,238.07	
KS		PT-Transmission Total	5	4,232,666	172,417.96	50.00	87,616.19	-	33,776.68	9,354.19	11,555.84	-	-	-	-	-	314,770.86	
KS		SH-Small Heating Total	7	19,280	1,532.85	-	399.09	-	153.86	42.61	-	-	-	-	-	-	2,128.41	
KS		TEB-Total Electric Bldg Total	3	63,120	4,340.84	-	1,306.58	-	503.69	139.50	-	-	-	-	-	-	6,290.61	
KS		Industrial Total	52	5,365,941	263,546.08	399.87	111,074.97	-	42,782.55	11,858.75	11,555.84	-	-	-	-	-	441,218.06	
KS		CB-Commercial Total	45	13,452	2,073.87	-	278.39	-	107.34	29.71	-	-	-	-	-	-	2,489.31	
KS		LS-Special Lighting Total	9	3,084	463.10	-	63.83	-	24.58	6.82	-	-	-	-	-	-	558.33	
KS		PL-Private Lighting Total	-	719	154.20	-	14.88	-	5.73	1.58	-	-	-	-	-	-	176.39	
KS		SPL-Municipal St Lighting Tot	-	108,847	10,193.32	-	2,253.12	-	868.59	240.56	4,037.62	-	-	-	-	-	17,593.21	
KS		Muni Street & Highway Lighting Total	54	126,102	12,884.49	-	2,610.22	-	1,006.24	278.67	4,037.62	-	-	-	-	-	20,817.24	
KS		CB-Commercial Total	83	101,862	10,293.51	-	2,108.56	-	790.57	225.14	48.78	-	-	-	-	-	13,466.56	
KS		GP-General Power Total	13	191,348	16,073.27	-	3,960.91	-	1,526.95	422.90	-	-	-	-	-	-	21,984.03	
KS		LS-Special Lighting Total	1	6,720	679.92	-	139.10	-	53.63	14.85	-	-	-	-	-	-	887.50	
KS		PL-Private Lighting Total	-	157	39.52	-	3.25	-	1.25	0.35	-	-	-	-	-	-	44.37	
KS		SH-Small Heating Total	3	8,120	650.23	-	168.09	-	64.80	17.94	-	-	-	-	-	-	901.06	
KS		TEB-Total Electric Bldg Total	1	9,520	823.16	-	197.06	-	75.97	21.04	-	-	-	-	-	-	1,117.23	
KS		Other Public Authority Total	101	317,727	28,559.61	-	6,576.97	-	2,513.17	702.22	48.78	-	-	-	-	-	38,400.75	
KS		CB-Commercial Total	2	15,309	1,317.28	-	316.89	-	122.17	33.83	-	-	-	-	-	-	1,790.17	
KS		GP-General Power Total	2	320	1,052.48	-	6.62	-	2.55	0.71	-	-	-	-	-	-	1,062.36	
KS		Interdepartmental Total	4	15,629	2,369.76	-	323.51	-	124.72	34.54	-	-	-	-	-	-	2,852.53	
KS		Total Retail	9,648	16,536,399	1,198,069.50	30,867.50	342,426.00	-	131,810.43	36,561.42	16,305.58	-	-	-	-	-	1,756,040.43	
KS		GFR-Chetopa Total	1	776,236	47,987.04	-	16,867.61	-	-	-	-	-	-	-	-	-	64,854.65	
KS		Wholesale Municipalities Total	1	776,236	47,987.04	-	16,867.61	-	-	-	-	-	-	-	-	-	64,854.65	
KS		Total	9,649	17,312,635	1,246,056.54	30,867.50	359,293.61	-	131,810.43	36,561.42	16,305.58	-	-	-	-	-	1,820,895.08	

Electric Revenue Summary by Rate
Electric by State
May 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Missouri

Revenue	Customer																	
St	Class	Pricing Plan	s	KWH	Usage	Fran Fee	Fuel	Env Rec	RvrtRdr	ProperTax	XsFctly	SWPP	EERC	EFF	TCR	ECP	Total Revenue	
MO		NM-Net Metering Total	-	(954)	(24.42)	(1.42)	1.76	-	-	-	-	-	-	0.37	-	-	(23.71)	
MO		PL-Private Lighting Total	124	355,144	132,596.98	691.63	668.13	-	-	-	19.92	-	-	-	-	-	133,976.66	
MO		RGL-Residential Pilot Total	860	716,699	86,662.18	2,850.95	1,318.63	-	-	-	-	-	-	279.67	-	-	91,111.43	
MO		RG-Residential Total	128,651	102,195,981	14,001,578.80	417,302.18	188,009.72	-	-	-	-	-	-	39,845.69	-	-	14,646,736.39	
MO		Residential Total	129,635	103,266,870	14,220,813.54	420,843.34	189,998.24	-	-	-	19.92	-	-	40,125.73	-	-	14,871,800.77	
MO		CB-Commercial Total	16,445	21,059,670	2,959,636.41	90,659.05	38,748.48	-	-	-	55.90	-	-	14,886.50	-	-	3,103,986.34	
MO		GP-General Power Total	1,450	46,235,964	4,630,474.68	57,280.79	85,074.25	-	-	-	7,173.72	-	-	30,170.84	-	-	4,810,174.28	
MO		LP-Large Power Total	6	10,504,800	760,070.80	1,581.56	19,013.70	-	-	-	39,519.49	-	-	2,581.56	-	-	822,767.11	
MO		LS-Special Lighting Total	50	16,664	3,090.80	62.11	30.69	-	-	-	-	-	-	3.28	-	-	3,186.88	
MO		MS-Miscellaneous Total	1	31	22.66	0.68	0.06	-	-	-	-	-	-	0.02	-	-	23.42	
MO		PL-Private Lighting Total	117	679,790	208,754.73	2,830.74	1,254.24	-	-	-	509.89	-	-	0.56	-	-	213,350.16	
MO		RG-Residential Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MO		SH-Small Heating Total	2,969	5,355,305	633,289.37	17,152.88	9,853.57	-	-	-	-	-	-	3,742.93	-	-	664,038.75	
MO		TEB-Total Electric Bldg Total	909	24,362,307	2,474,788.00	30,545.49	44,826.77	-	-	-	1,132.76	-	-	16,571.50	-	-	2,567,864.52	
MO		Commercial Total	21,947	108,214,531	11,670,127.45	200,113.30	198,801.76	-	-	-	48,391.76	-	-	67,957.19	-	-	12,185,391.46	
MO		CB-Commercial Total	69	160,467	21,047.63	803.71	295.26	-	-	-	589.52	-	-	107.30	-	-	22,843.42	
MO		GP-General Power Total	138	14,733,208	1,348,966.82	12,397.39	27,107.62	-	-	-	14,073.82	-	-	8,960.92	-	-	1,411,506.57	
MO		LP-Large Power Total	28	51,684,906	3,725,372.72	960.00	93,549.67	-	-	-	62,215.16	-	-	8,648.12	-	-	3,890,745.67	
MO		Oil Pipe GP-General Power T	6	765,577	93,352.66	-	1,408.66	-	-	-	50.00	-	-	483.40	-	-	95,294.72	
MO		Oil Pipe LP-Large Power Tot	5	4,922,188	378,049.11	-	8,909.16	-	-	-	-	-	-	2,982.00	-	-	389,940.27	
MO		PFM-Feed Mill/Grain Elev Tot	10	17,709	3,244.58	79.94	32.59	-	-	-	-	-	-	12.58	-	-	3,369.69	
MO		PL-Private Lighting Total	1	29,250	7,577.41	148.75	53.83	-	-	-	-	-	-	-	-	-	7,779.99	
MO		SC-P PRAXAIR Transmission	1	5,133,257	292,714.52	-	9,291.20	-	-	-	72.00	-	-	-	-	-	302,077.72	
MO		SH-Small Heating Total	9	19,881	2,311.81	44.18	36.57	-	-	-	-	-	-	14.12	-	-	2,406.68	
MO		TEB-Total Electric Bldg Total	12	855,000	79,009.69	800.73	1,573.20	-	-	-	675.59	-	-	607.04	-	-	82,666.25	
MO		Industrial Total	279	78,321,443	5,951,646.95	15,234.70	142,257.76	-	-	-	77,676.09	-	-	21,815.48	-	-	6,208,630.98	
MO		CB-Commercial Total	333	136,716	24,629.15	-	251.65	-	-	-	-	-	-	97.09	-	-	24,977.89	
MO		GP-General Power Total	2	43,600	4,654.31	-	80.23	-	-	-	-	-	-	30.95	-	-	4,765.49	
MO		LS-Special Lighting Total	75	40,284	7,438.12	-	74.13	-	-	-	-	-	-	3.32	-	-	7,515.57	
MO		MS-Miscellaneous Total	2	11,295	1,187.72	-	20.78	-	-	-	-	-	-	-	-	-	1,208.50	
MO		PL-Private Lighting Total	-	7,740	2,120.62	-	14.31	-	-	-	-	-	-	-	-	-	2,134.93	
MO		SH-Small Heating Total	2	352	90.69	-	0.65	-	-	-	-	-	-	0.25	-	-	91.59	
MO		SPL-Municipal St Lighting Tot	7	1,262,039	190,983.99	-	2,322.22	-	-	-	84,088.89	-	-	-	-	-	277,395.10	
MO		Muni Street & Highway Lighting Total	421	1,502,026	231,104.60	-	2,763.97	-	-	-	84,088.89	-	-	131.61	-	-	318,089.07	
MO		CB-Commercial Total	1,090	1,226,273	175,151.66	-	2,256.21	-	-	-	-	-	-	870.60	-	-	178,278.47	
MO		GP-General Power Total	164	5,825,795	600,402.64	-	10,719.49	-	-	-	1,186.02	-	-	4,136.36	-	-	616,444.51	
MO		PL-Private Lighting Total	-	1,053	367.79	-	1.95	-	-	-	-	-	-	-	-	-	369.74	
MO		SH-Small Heating Total	44	90,894	10,528.09	-	167.28	-	-	-	-	-	-	64.51	-	-	10,759.88	
MO		TEB-Total Electric Bldg Total	19	473,137	56,791.77	-	870.57	-	-	-	-	-	-	335.93	-	-	57,998.27	
MO		Other Public Authority Total	1,317	7,617,152	843,241.95	-	14,015.50	-	-	-	1,186.02	-	-	5,407.40	-	-	863,850.87	
MO		CB-Commercial Total	33	94,762	12,172.92	-	174.38	-	-	-	-	-	-	67.29	-	-	12,414.59	
MO		GP-General Power Total	4	84,403	7,916.94	-	155.30	-	-	-	-	-	-	59.93	-	-	8,132.17	
MO		PL-Private Lighting Total	-	253	68.59	-	0.47	-	-	-	-	-	-	-	-	-	69.06	
MO		Interdepartmental Total	37	179,418	20,158.45	-	330.15	-	-	-	-	-	-	127.22	-	-	20,615.82	
MO		Total Retail	153,636	299,101,440	32,937,092.94	636,191.34	548,167.38	-	-	-	211,362.68	-	-	135,564.63	-	-	34,468,378.97	
MO		GFR-Lockwood Total	1	937,404	36,108.40	-	20,369.79	-	-	-	-	-	-	-	-	-	56,478.19	
MO		GFR-Monett Total	1	21,340,737	752,913.48	-	463,734.22	-	-	-	-	-	-	-	-	-	1,216,647.70	
MO		GFR-Mt Vernon Total	1	6,126,427	243,779.26	-	133,127.26	-	-	-	-	-	-	-	-	-	376,906.52	

Electric Revenue Summary by Rate
 Electric by State
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MO Wholesale Municipalities Total	3	28,404,568	1,032,801.14	-	617,231.27	-	-	-	-	-	-	-	-	-	1,650,032.41
MO Total	153,639	327,506,008	33,969,894.08	636,191.34	1,165,398.65	-	-	-	211,362.68	-	-	135,564.63	-	-	36,118,411.38

Electric Revenue Summary by Rate
Electric by State
May 31, 2018

SCHEDULE LLF-2
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Oklahoma

St	Revenue Class	Pricing Plan	Customer s	KWH	Usage	Fran Fee	Fuel	Env Rec	RvrtnRdr	ProperTax	XsFclty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
OK		PL-Private Lighting Total	8	35,183	8,535.02	-	701.26	-	-	-	-	11.18	-	-	-	205.74	9,453.20
OK		RG-Residential Total	2,856	2,010,557	144,412.06	5,621.05	39,971.74	-	-	-	-	4,865.51	-	-	-	14,075.25	208,945.61
OK		RH-Residential Total Elec Tot	896	983,725	50,672.12	1,086.17	19,561.01	-	-	-	-	2,380.46	-	-	-	6,886.48	80,586.24
OK		Residential Total	3,760	3,029,465	203,619.20	6,707.22	60,234.01	-	-	-	-	7,257.15	-	-	-	21,167.47	298,985.05
OK		CB-Commercial Total	708	743,036	67,299.44	1,625.51	14,733.97	-	-	-	-	1,055.24	-	-	-	4,681.35	89,395.51
OK		GP-General Power Total	60	1,447,415	84,863.83	-	28,825.27	-	-	-	-	4,240.92	-	-	-	9,118.71	127,048.73
OK		LS-Special Lighting Total	11	1,687	269.76	4.53	33.59	-	-	-	-	0.50	-	-	-	30.19	338.57
OK		NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		PL-Private Lighting Total	8	42,998	8,837.85	-	854.57	-	-	-	-	13.08	-	-	-	253.42	9,958.92
OK		PT-Transmission Total	1	2,054,400	69,061.68	-	40,210.77	-	-	-	4,665.22	2,054.40	-	-	-	12,120.96	128,113.03
OK		TEB-Total Electric Bldg Total	27	241,779	12,664.39	-	4,815.00	-	-	-	-	1,470.04	-	-	-	1,547.38	20,496.81
OK		Commercial Total	816	4,531,315	242,996.95	1,630.04	89,473.17	-	-	-	4,665.22	8,834.18	-	-	-	27,752.01	375,351.57
OK		CB-Commercial Total	2	16	27.58	-	0.32	-	-	-	-	0.02	-	-	-	0.10	28.02
OK		GP-General Power Total	4	306,614	16,516.61	50.36	6,106.22	-	-	-	478.30	898.38	-	-	-	1,931.67	25,981.54
OK		Oil Pipe PT-Transmission Total	1	1,224,000	43,657.13	-	23,957.35	-	-	-	-	1,224.00	-	-	-	7,221.60	76,060.08
OK		PL-Private Lighting Total	-	1,950	487.02	-	38.83	-	-	-	-	0.59	-	-	-	11.51	537.95
OK		PT-Transmission Total	4	2,289,655	92,552.44	-	44,815.42	-	-	-	8,090.39	2,289.66	-	-	-	13,508.97	161,256.88
OK		Industrial Total	11	3,822,235	153,240.78	50.36	74,918.14	-	-	-	8,568.69	4,412.65	-	-	-	22,673.85	263,864.47
OK		CB-Commercial Total	12	1,828	306.72	-	36.41	-	-	-	-	2.59	-	-	-	11.52	357.24
OK		LS-Special Lighting Total	1	1,960	197.02	-	39.03	-	-	-	-	0.59	-	-	-	35.08	271.72
OK		PL-Private Lighting Total	1	205	52.80	-	4.10	-	-	-	-	0.07	-	-	-	1.20	58.17
OK		SPL-Municipal St Lighting Total	-	43,797	3,957.27	-	872.22	-	-	-	1,028.92	13.13	-	-	-	293.45	6,164.99
OK		Muni Street & Highway Lighting Total	14	47,790	4,513.81	-	951.76	-	-	-	1,028.92	16.38	-	-	-	341.25	6,852.12
OK		CB-Commercial Total	69	58,942	5,586.79	-	1,173.83	-	-	-	-	83.71	-	-	-	371.32	7,215.65
OK		GP-General Power Total	8	81,270	6,200.87	-	1,618.48	-	-	-	-	238.11	-	-	-	512.01	8,569.47
OK		TEB-Total Electric Bldg Total	1	631	78.96	-	12.57	-	-	-	-	3.84	-	-	-	4.04	99.41
OK		Other Public Authority Total	78	140,843	11,866.62	-	2,804.88	-	-	-	-	325.66	-	-	-	887.37	15,884.53
OK	Total		4,679	11,571,648	616,237.36	8,387.62	228,381.96	-	-	-	14,262.83	20,846.02	-	-	-	72,821.95	960,937.74
Grand	Total		172,588	370,356,971	36,559,769.93	688,084.59	2,094,737.54	42,105.01	183,118.03	36,561.42	250,541.89	20,846.02	4,709.93	135,564.63	47,585.42	72,821.95	40,136,446.36

Electric Revenue Summary by Rate
Total Company Water
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Revenue Class	Pricing Plan	Customers	Gallons (1,000's)	Usage	Wtr Prmcy	Hydrnt	XsFclty	Total Revenue
	WA-Tank Water Total	-	2	36.70	-	-	-	36.70
	WA-Water Total	4,014	13,788	112,166.97	-	3,821.15	-	115,988.12
WA-Residential Total		4,014	13,790	112,203.67	-	3,821.15	-	116,024.82
	WA-Sprinkler System Total	-	-	371.89	-	-	-	371.89
	WA-Tank Water Total	-	7	128.45	-	-	-	128.45
	WA-Water Total	463	6,909	35,388.56	-	450.44	18.58	35,857.58
WA-Commercial Total		463	6,916	35,888.90	-	450.44	18.58	36,357.92
WA-Industrial Total		7	3,055	6,591.73	-	11.33	-	6,603.06
WA-Other Public Authority Total		22	331	1,854.74	-	24.00	-	1,878.74
WA-Interdepartmental Total		2	2	106.29	-	1.60	-	107.89
Grand Total		4,508	24,094	156,645.33	-	4,308.52	18.58	160,972.43

Electric Revenue Summary by Rate
Electric by State
June 30, 2018

SCHEDULE LLF-2
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Arkansas

State	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtN Rdr	ProperTax	XsFcilty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
AR		NM-Net Metering Total	-	(690)	(49.60)	-	-	-	-	-	-	-	-	-	-	-	(49.60)
AR		PL-Private Lighting Total	5	16,515	2,616.61	8.07	404.39	22.42	32.50	-	-	-	10.21	-	-	-	3,094.20
AR		RG-Residential Total	3,823	4,142,634	341,145.63	16,646.70	101,328.76	16,943.16	24,985.91	-	-	-	2,444.27	-	20,923.35	-	524,417.78
AR		Residential Total	3,828	4,158,459	343,712.64	16,654.77	101,733.15	16,965.58	25,018.41	-	-	-	2,454.48	-	20,923.35	-	527,462.38
AR		CB-Commercial Total	616	1,237,350	90,905.70	3,484.92	30,263.23	4,652.47	6,327.59	-	18.18	-	724.21	-	5,475.23	-	141,851.53
AR		GP-General Power Total	57	1,965,060	102,593.50	355.83	48,065.40	5,914.84	5,610.39	-	6.00	-	1,159.37	-	5,240.15	-	168,945.48
AR		LS-Special Lighting Total	3	172	83.40	1.67	4.21	0.25	0.31	-	-	-	0.10	-	-	-	89.94
AR		PL-Private Lighting Total	3	27,201	3,727.40	38.45	665.44	38.88	53.90	-	-	-	16.07	-	-	-	4,540.14
AR		Commercial Total	679	3,229,783	197,310.00	3,880.87	78,998.28	10,606.44	11,992.19	-	24.18	-	1,899.75	-	10,715.38	-	315,427.09
AR		CB-Commercial Total	1	3,027	197.76	12.56	74.04	11.38	15.61	-	-	-	1.79	-	13.41	-	326.55
AR		GP-General Power Total	4	585,276	33,288.81	50.00	14,315.85	1,761.68	2,309.94	-	60.00	-	345.31	-	2,272.22	-	54,403.81
AR		PL-Private Lighting Total	-	5,882	522.32	8.36	143.87	8.46	13.16	-	395.21	-	0.93	-	-	-	1,092.31
AR		PT-Transmission Total	4	8,043,951	368,804.65	150.00	196,755.04	20,512.07	27,284.17	-	6,612.11	-	1,084.66	-	22,557.50	-	643,760.20
AR		Industrial Total	9	8,638,136	402,813.54	220.92	211,288.80	22,293.59	29,622.88	-	7,067.32	-	1,432.69	-	24,843.13	-	699,582.87
AR		CB-Commercial Total	24	4,235	671.20	-	103.60	15.94	21.42	-	-	-	2.49	-	18.72	-	833.37
AR		LS-Special Lighting Total	6	1,216	265.94	-	29.74	1.75	2.57	-	-	-	0.73	-	-	-	300.73
AR		PL-Private Lighting Total	-	711	93.93	-	17.40	1.04	1.38	-	-	-	0.43	-	-	-	114.18
AR		SPL-Municipal St Lighting Total	-	44,693	2,147.07	-	1,093.19	64.36	109.06	-	1,519.30	-	26.37	-	-	-	4,959.35
AR		Muni Street & Highway Lighting Total	30	50,855	3,178.14	-	1,243.93	83.09	134.43	-	1,519.30	-	30.02	-	18.72	-	6,207.63
AR		CB-Commercial Total	77	109,934	8,076.79	-	2,689.01	413.37	555.23	-	-	-	64.91	-	485.25	-	12,284.56
AR		GP-General Power Total	5	346,655	14,622.37	-	8,479.19	1,043.43	717.25	-	-	-	204.52	-	666.77	-	25,733.53
AR		PL-Private Lighting Total	-	65	8.11	-	1.59	0.09	0.14	-	-	-	0.04	-	-	-	9.97
AR		Other Public Authority Total	82	456,654	22,707.27	-	11,169.79	1,456.89	1,272.62	-	-	-	269.47	-	1,152.02	-	38,028.06
AR		Total	4,628	16,533,887	969,721.59	20,756.56	404,433.95	51,405.59	68,040.53	-	8,610.80	-	6,086.41	-	57,652.60	-	1,586,708.03

Electric Revenue Summary by Rate
Electric by State
June 30, 2018

SCHEDULE LLF-2
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Kansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvtrn Rdr	ProperTax	XsFcty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
KS		NM-Net Metering Total	-	(1,231)	(32.63)	-	-	-	-	-	-	-	-	-	-	-	(32.63)
KS		PL-Private Lighting Total	15	53,435	16,589.26	114.18	1,152.94	-	428.03	118.39	-	-	-	-	-	-	18,402.80
KS		RG-Residential Total	5,554	6,225,912	478,689.76	27,995.79	134,397.18	-	49,674.90	13,756.93	-	-	-	-	-	-	704,514.56
KS		RG-Residential Water Heat Total	748	940,759	68,844.68	3,172.15	20,310.91	-	7,507.33	2,079.04	-	-	-	-	-	-	101,914.11
KS		RH-Residential Total Elec Total	1,871	2,394,743	163,257.65	4,611.79	51,713.04	-	19,110.07	5,292.22	-	-	-	-	-	-	243,984.77
KS		Residential Total	8,188	9,613,618	727,348.72	35,893.91	207,574.07	-	76,720.33	21,246.58	-	-	-	-	-	-	1,068,783.61
KS		CB-Commercial Total	1,044	1,494,596	147,055.45	5,835.54	32,339.15	-	11,652.44	3,302.91	-	-	-	-	-	-	200,185.49
KS		GP-General Power Total	64	2,173,283	151,682.60	700.00	46,921.19	-	17,342.80	4,802.94	663.34	-	-	-	-	-	222,112.87
KS		LS-Special Lighting Total	9	6,834	814.98	6.66	147.55	-	50.70	15.11	-	-	-	-	-	-	1,035.00
KS		NM-Net Metering Total	-	(5,873)	(155.63)	-	-	-	-	-	-	-	-	-	-	-	(155.63)
KS		PL-Private Lighting Total	16	54,147	13,600.93	144.01	1,168.75	-	432.11	119.78	-	-	-	-	-	-	15,465.58
KS		SH-Small Heating Total	100	183,733	15,299.40	617.54	3,966.81	-	1,466.25	406.05	-	-	-	-	-	-	21,756.05
KS		TEB-Total Electric Bldg Total	36	628,252	44,411.38	283.90	13,563.97	-	5,013.45	1,388.46	-	-	-	-	-	-	64,661.16
KS		Commercial Total	1,269	4,534,972	372,709.11	7,587.65	98,107.42	-	35,957.75	10,035.25	663.34	-	-	-	-	-	525,060.52
KS		CB-Commercial Total	10	22,306	2,084.52	38.92	481.57	-	116.07	49.30	-	-	-	-	-	-	2,770.38
KS		GP-General Power Total	27	1,155,757	85,530.43	250.00	24,952.81	-	9,222.95	2,554.21	-	-	-	-	-	-	122,510.40
KS		PL-Private Lighting Total	-	12,950	2,776.50	61.63	279.56	-	103.34	28.62	-	-	-	-	-	-	3,249.65
KS		PT-Transmission Total	5	4,241,703	173,669.84	50.00	91,578.37	-	33,848.79	9,374.16	11,555.84	-	-	-	-	-	320,077.00
KS		SH-Small Heating Total	7	16,043	1,299.73	-	346.36	-	128.03	35.45	-	-	-	-	-	-	1,809.57
KS		TEB-Total Electric Bldg Total	3	96,560	6,481.04	-	2,084.73	-	770.55	213.40	-	-	-	-	-	-	9,549.72
KS		Industrial Total	52	5,545,319	271,842.06	400.55	119,723.40	-	44,189.73	12,255.14	11,555.84	-	-	-	-	-	459,966.72
KS		CB-Commercial Total	45	13,763	2,099.07	-	297.14	-	109.84	30.44	-	-	-	-	-	-	2,536.49
KS		LS-Special Lighting Total	11	9,617	1,161.19	-	207.62	-	59.11	21.25	-	-	-	-	-	-	1,449.17
KS		PL-Private Lighting Total	-	719	154.20	-	15.52	-	5.73	1.58	-	-	-	-	-	-	177.03
KS		SPL-Municipal St Lighting Total	-	99,516	10,193.32	-	2,148.57	-	794.15	219.92	4,037.62	-	-	-	-	-	17,393.58
KS		Muni Street & Highway Lighting Total	56	123,615	13,607.78	-	2,668.85	-	968.83	273.19	4,037.62	-	-	-	-	-	21,556.27
KS		CB-Commercial Total	83	145,541	13,900.11	-	3,142.42	-	1,123.11	321.61	48.78	-	-	-	-	-	18,536.03
KS		GP-General Power Total	13	238,644	18,307.62	-	5,152.32	-	1,904.37	527.40	-	-	-	-	-	-	25,891.71
KS		LS-Special Lighting Total	1	13,520	1,332.72	-	291.90	-	107.89	29.88	-	-	-	-	-	-	1,762.39
KS		PL-Private Lighting Total	-	157	39.52	-	3.39	-	1.25	0.35	-	-	-	-	-	-	44.51
KS		SH-Small Heating Total	3	10,840	839.63	-	234.04	-	86.50	23.96	-	-	-	-	-	-	1,184.13
KS		TEB-Total Electric Bldg Total	1	15,920	1,215.12	-	343.71	-	127.04	35.18	-	-	-	-	-	-	1,721.05
KS		Other Public Authority Total	101	424,622	35,634.72	-	9,167.78	-	3,350.16	938.38	48.78	-	-	-	-	-	49,139.82
KS		CB-Commercial Total	2	11,770	1,024.85	-	254.12	-	93.93	26.02	-	-	-	-	-	-	1,398.92
KS		GP-General Power Total	2	240	1,049.76	-	5.18	-	1.92	0.53	-	-	-	-	-	-	1,057.39
KS		Interdepartmental Total	4	12,010	2,074.61	-	259.30	-	95.85	26.55	-	-	-	-	-	-	2,456.31
KS		Total Retail	9,670	20,254,156	1,423,217.00	43,882.11	437,500.82	-	161,282.65	44,775.09	16,305.58	-	-	-	-	-	2,126,963.25
KS		GFR-Chetopa Total	1	999,897	68,957.02	-	17,288.22	-	-	-	-	-	-	-	-	-	86,245.24
KS		Wholesale Municipalities Total	1	999,897	68,957.02	-	17,288.22	-	-	-	-	-	-	-	-	-	86,245.24
KS		Total	9,671	21,254,053	1,492,174.02	43,882.11	454,789.04	-	161,282.65	44,775.09	16,305.58	-	-	-	-	-	2,213,208.49

Electric Revenue Summary by Rate
Electric by State
June 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Missouri

State	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtm Rdr	ProperTax	XsFctly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
MO		NM-Net Metering Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting Total	140	354,724	132,457.03	691.65	1,689.43	-	-	-	19.92	-	-	-	-	-	134,858.03
MO		RGL-Residential Pilot Total	812	735,674	92,329.36	3,155.56	3,075.26	-	-	-	-	-	-	286.80	-	-	98,846.98
MO		RG-Residential Total	128,872	144,117,686	19,681,776.17	618,554.97	611,150.81	-	-	-	-	-	-	56,199.17	-	-	20,967,681.12
MO		Residential Total	129,824	145,208,084	19,906,562.56	622,402.18	615,915.50	-	-	-	19.92	-	-	56,485.97	-	-	21,201,386.13
MO		CB-Commercial Total	16,511	27,830,548	3,916,556.67	121,414.08	117,095.62	-	-	-	55.90	-	-	19,669.58	-	-	4,174,791.85
MO		GP-General Power Total	1,452	57,795,647	5,871,072.52	65,739.87	247,964.50	-	-	-	7,173.72	-	-	37,606.41	-	-	6,229,557.02
MO		LP-Large Power Total	6	11,647,200	1,038,330.44	2,487.83	73,353.88	-	-	-	39,519.49	-	-	2,929.18	-	-	1,156,620.82
MO		LS-Special Lighting Total	50	17,208	3,312.00	76.05	66.52	-	-	-	-	-	-	3.20	-	-	3,457.77
MO		MS-Miscellaneous Total	1	39	23.48	0.71	0.10	-	-	-	-	-	-	0.03	-	-	24.32
MO		PL-Private Lighting Total	118	686,398	210,422.65	2,907.65	3,254.86	-	-	-	509.89	-	-	0.56	-	-	217,095.61
MO		RG-Residential Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		SH-Small Heating Total	2,966	6,778,032	868,375.54	23,932.34	27,281.76	-	-	-	-	-	-	4,730.26	-	-	924,319.90
MO		TEB-Total Electric Bldg Total	914	28,932,478	3,084,330.47	37,290.69	111,159.23	-	-	-	1,132.76	-	-	19,662.20	-	-	3,253,575.35
MO		Commercial Total	22,019	133,687,550	14,992,423.77	253,849.22	580,176.47	-	-	-	48,391.76	-	-	84,601.42	-	-	15,959,442.64
MO		CB-Commercial Total	70	159,157	21,949.16	886.33	746.06	-	-	-	589.52	-	-	106.26	-	-	24,277.33
MO		GP-General Power Total	137	16,659,953	1,617,551.01	13,832.47	84,863.36	-	-	-	14,073.82	-	-	10,291.70	-	-	1,740,612.36
MO		LP-Large Power Total	28	52,256,191	4,772,536.78	960.00	379,838.33	-	-	-	62,215.16	-	-	8,874.99	-	-	5,224,425.26
MO		Oil Pipe GP-General Power Total	6	1,233,355	133,982.75	-	8,924.09	-	-	-	50.00	-	-	544.83	-	-	143,501.67
MO		Oil Pipe LP-Large Power Total	5	4,859,646	540,774.49	-	36,155.76	-	-	-	-	-	-	2,595.76	-	-	579,526.01
MO		PFM-Feed Mill/Grain Elev Total	10	20,112	3,740.30	86.60	84.88	-	-	-	-	-	-	14.28	-	-	3,926.06
MO		PL-Private Lighting Total	1	29,354	7,601.80	153.20	180.86	-	-	-	-	-	-	-	-	-	7,935.86
MO		SC-P PRAXAIR Transmission To	1	5,848,398	420,389.55	-	43,512.08	-	-	-	72.00	-	-	-	-	-	463,973.63
MO		SH-Small Heating Total	9	19,587	2,725.42	41.89	90.40	-	-	-	-	-	-	13.90	-	-	2,871.61
MO		TEB-Total Electric Bldg Total	12	1,002,160	107,881.13	905.92	5,221.78	-	-	-	675.59	-	-	711.54	-	-	115,395.96
MO		Industrial Total	279	82,087,913	7,629,132.39	16,866.41	559,617.60	-	-	-	77,676.09	-	-	23,153.26	-	-	8,306,445.75
MO		CB-Commercial Total	336	192,201	31,965.92	-	770.83	-	-	-	-	-	-	136.46	-	-	32,873.21
MO		GP-General Power Total	2	95,120	9,874.99	-	332.42	-	-	-	-	-	-	67.53	-	-	10,274.94
MO		LS-Special Lighting Total	75	89,062	14,055.96	-	421.56	-	-	-	-	-	-	3.28	-	-	14,480.80
MO		MS-Miscellaneous Total	2	11,295	1,187.72	-	64.70	-	-	-	-	-	-	-	-	-	1,252.42
MO		PL-Private Lighting Total	-	7,740	2,120.62	-	36.29	-	-	-	-	-	-	-	-	-	2,156.91
MO		SH-Small Heating Total	2	858	152.57	-	1.83	-	-	-	-	-	-	0.61	-	-	155.01
MO		SPL-Municipal St Lighting Total	7	1,153,865	190,983.99	-	8,536.27	-	-	-	84,088.89	-	-	-	-	-	283,609.15
MO		Muni Street & Highway Lighting Total	424	1,550,141	250,341.77	-	10,163.90	-	-	-	84,088.89	-	-	207.88	-	-	344,802.44
MO		CB-Commercial Total	1,098	1,416,087	206,719.40	-	6,536.55	-	-	-	-	-	-	1,005.19	-	-	214,261.14
MO		GP-General Power Total	165	6,117,514	643,389.36	-	23,860.62	-	-	-	1,186.02	-	-	4,343.41	-	-	672,779.41
MO		PL-Private Lighting Total	-	1,053	367.79	-	5.98	-	-	-	-	-	-	-	-	-	373.77
MO		SH-Small Heating Total	44	95,900	12,760.33	-	409.99	-	-	-	-	-	-	68.10	-	-	13,238.42
MO		TEB-Total Electric Bldg Total	19	596,891	66,642.75	-	2,004.90	-	-	-	-	-	-	423.77	-	-	69,071.42
MO		Other Public Authority Total	1,326	8,227,445	929,879.63	-	32,818.04	-	-	-	1,186.02	-	-	5,840.47	-	-	969,724.16
MO		CB-Commercial Total	33	108,863	14,722.54	-	454.45	-	-	-	-	-	-	77.31	-	-	15,254.30
MO		GP-General Power Total	4	131,819	11,124.11	-	460.77	-	-	-	-	-	-	93.59	-	-	11,678.47
MO		PL-Private Lighting Total	-	253	68.59	-	1.21	-	-	-	-	-	-	-	-	-	69.80
MO		Interdepartmental Total	37	240,935	25,915.24	-	916.43	-	-	-	-	-	-	170.90	-	-	27,002.57
MO		Total Retail	153,909	371,002,068	43,734,255.36	893,117.81	1,799,607.94	-	-	-	211,362.68	-	-	170,459.90	-	-	46,808,803.69
MO		GFR-Lockwood Total	1	1,169,288	70,628.26	-	20,216.99	-	-	-	-	-	-	-	-	-	90,845.25
MO		GFR-Monett Total	1	23,649,710	1,080,150.92	-	408,903.49	-	-	-	-	-	-	-	-	-	1,489,054.41
MO		GFR-Mt Vernon Total	1	7,062,597	371,881.87	-	122,112.31	-	-	-	-	-	-	-	-	-	493,994.18
MO		Wholesale Municipalities Total	3	31,881,595	1,522,661.05	-	551,232.79	-	-	-	-	-	-	-	-	-	2,073,893.84

Electric Revenue Summary by Rate
Electric by State
June 30, 2018

SCHEDULE LLF-2
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MO Total		153,912	402,883,663	45,256,916.41	893,117.81	2,350,840.73	-	-	-	211,362.68	-	-	170,459.90	-	-	48,882,697.53
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Electric Revenue Summary by Rate
Electric by State
June 30, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Oklahoma

St	Revenue	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtn Rdr	ProperTax	XsFctly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
OK		PL-Private Lighting Total	7	35,120	8,539.64	-	873.69	-	-	-	-	11.15	-	-	-	205.37	9,629.85
OK		RG-Residential Total	2,861	2,916,472	198,145.44	8,659.02	72,664.22	-	-	-	-	7,057.78	-	-	-	20,416.63	306,943.09
OK		RH-Residential Total Elec Total	892	1,129,311	59,369.32	1,380.03	28,131.35	-	-	-	-	2,732.98	-	-	-	7,905.41	99,519.09
OK		Residential Total	3,760	4,080,903	266,054.40	10,039.05	101,669.26	-	-	-	-	9,801.91	-	-	-	28,527.41	416,092.03
OK		CB-Commercial Total	711	982,401	84,883.91	2,205.71	24,481.61	-	-	-	-	1,394.92	-	-	-	6,189.06	119,155.21
OK		GP-General Power Total	60	1,882,453	102,303.35	-	46,930.17	-	-	-	-	5,515.55	-	-	-	11,859.44	166,608.51
OK		LS-Special Lighting Total	11	1,613	197.79	4.55	40.19	-	-	-	-	0.48	-	-	-	28.87	271.88
OK		NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		PL-Private Lighting Total	9	43,126	8,889.65	-	1,074.09	-	-	-	-	13.12	-	-	-	254.16	10,231.02
OK		PT-Transmission Total	1	2,164,800	72,857.33	-	53,002.96	-	-	-	4,665.22	2,164.80	-	-	-	12,772.32	145,462.63
OK		TEB-Total Electric Bldg Total	27	266,744	14,382.56	-	6,645.41	-	-	-	-	1,621.83	-	-	-	1,707.16	24,356.96
OK		Commercial Total	820	5,341,137	283,514.59	2,210.26	132,174.43	-	-	-	4,665.22	10,710.70	-	-	-	32,811.01	466,086.21
OK		CB-Commercial Total	2	14	27.58	-	0.35	-	-	-	-	0.02	-	-	-	0.09	28.04
OK		GP-General Power Total	4	308,467	16,997.09	68.29	7,684.84	-	-	-	478.30	903.80	-	-	-	1,943.34	28,075.66
OK		Oil Pipe PT-Transmission Total	1	1,232,000	44,263.69	-	30,164.29	-	-	-	-	1,232.00	-	-	-	7,268.80	82,928.78
OK		PL-Private Lighting Total	-	1,950	487.02	-	48.58	-	-	-	-	0.59	-	-	-	11.51	547.70
OK		PT-Transmission Total	4	2,180,455	89,267.15	-	53,386.26	-	-	-	8,090.39	2,180.46	-	-	-	12,864.69	165,788.95
OK		Industrial Total	11	3,722,886	151,042.53	68.29	91,284.32	-	-	-	8,568.69	4,316.87	-	-	-	22,088.43	277,369.13
OK		CB-Commercial Total	12	2,145	339.67	-	53.44	-	-	-	-	3.04	-	-	-	13.52	409.67
OK		LS-Special Lighting Total	1	1,840	186.60	-	45.84	-	-	-	-	0.55	-	-	-	32.94	265.93
OK		PL-Private Lighting Total	1	205	52.80	-	5.09	-	-	-	-	0.07	-	-	-	1.20	59.16
OK		SPL-Municipal St Lighting Total	-	40,043	3,957.27	-	997.60	-	-	-	1,028.92	12.02	-	-	-	268.29	6,264.10
OK		Muni Street & Highway Lighting Total	14	44,233	4,536.34	-	1,101.97	-	-	-	1,028.92	15.68	-	-	-	315.95	6,998.86
OK		CB-Commercial Total	69	77,274	6,884.82	-	1,938.63	-	-	-	-	109.75	-	-	-	486.84	9,420.04
OK		GP-General Power Total	8	93,052	6,721.42	-	2,318.22	-	-	-	-	272.64	-	-	-	586.23	9,898.51
OK		TEB-Total Electric Bldg Total	1	1,188	127.78	-	29.60	-	-	-	-	7.22	-	-	-	7.60	172.20
OK		Other Public Authority Total	78	171,514	13,734.02	-	4,286.45	-	-	-	-	389.61	-	-	-	1,080.67	19,490.75
OK	Total		4,683	13,360,673	718,881.88	12,317.60	330,516.43	-	-	-	14,262.83	25,234.77	-	-	-	84,823.47	1,186,036.98
	Grand Total		172,894	454,032,276	48,437,693.90	970,074.08	3,540,580.15	51,405.59	229,323.18	44,775.09	250,541.89	25,234.77	6,086.41	170,459.90	57,652.60	84,823.47	53,868,651.03

Electric Revenue Summary by Rate
 Total Company Water
 June 30, 2018

SCHEDULE LLF-2
 4 CSR 240-3.161(7)A

Revenue Class	Pricing Plan	Customers	Gallons (1,000)	Usage	Wtr Prmcy	Hydrnt	XsFcty	Total Revenue
	WA-Water Total	3,994	17,864	129,476.13	-	3,826.32	-	133,302.45
WA-Residential Total		3,994	17,864	129,476.13	-	3,826.32	-	133,302.45
	WA-Sprinkler System Total	-	-	371.89	-	-	-	371.89
	WA-Water Total	464	8,790	40,489.56	-	446.81	18.58	40,954.95
WA-Commercial Total		464	8,790	40,861.45	-	446.81	18.58	41,326.84
WA-Industrial Total		7	3,231	6,759.17	-	11.33	-	6,770.50
WA-Other Public Authority Total		23	779	2,663.58	-	24.00	-	2,687.58
WA-Interdepartmental Total		2	3	110.59	-	1.60	-	112.19
Grand Total		4,490	30,667	179,870.92	-	4,310.06	18.58	184,199.56

Electric Revenue Summary by Rate
Total Company Electric
July 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvtn Rdr	ProperTax	XsFcilty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
	NM-Net Metering Total	-	(452)	(10.95)	-	-	-	-	-	-	-	-	-	-	-	(10.95)
	PL-Private Lighting Total	162	458,043	159,856.81	822.57	4,685.92	22.15	464.25	118.04	19.92	11.10	10.11	-	-	204.11	166,214.98
	RGL-Residential Pilot Total	779	833,839	108,632.89	3,793.79	6,297.67	-	-	-	-	-	-	325.34	-	-	119,049.69
	RG-Residential Total	141,222	187,960,711	25,372,781.95	838,659.13	1,630,197.08	19,139.11	96,009.07	17,424.49	-	9,137.63	2,760.55	67,243.24	24,381.78	26,432.73	28,104,166.76
	RG-Residential Water Heat Total	746	1,166,055	82,673.28	3,581.02	20,310.67	-	9,305.21	2,577.04	-	-	-	-	-	-	118,447.22
	RH-Residential Total Elec. Total	2,767	4,363,076	281,133.59	6,907.20	79,832.59	-	23,336.67	6,463.06	-	3,481.75	-	-	-	10,071.41	411,226.27
Residential Total		145,676	194,781,272	26,005,067.57	853,763.71	1,741,323.93	19,161.26	129,115.20	26,582.63	19.92	12,630.48	2,770.66	67,568.58	24,381.78	36,708.25	28,919,093.97
	CB-Commercial Total	18,850	36,178,358	4,959,742.89	150,729.78	329,738.17	5,020.08	22,850.51	4,230.98	74.08	1,671.75	778.87	22,459.53	6,100.18	7,417.07	5,510,813.89
	GP-General Power Total	1,636	68,449,130	6,891,937.31	71,294.36	594,900.65	5,506.95	24,005.47	4,951.14	7,843.06	6,242.93	1,079.45	40,634.42	4,829.59	13,423.38	7,666,648.71
	LP-Large Power Total	6	12,180,000	1,064,270.47	2,703.93	90,619.21	-	-	-	39,519.49	-	-	3,038.22	-	-	1,200,151.32
	LS-Special Lighting Total	75	31,745	5,101.20	111.89	350.13	3.77	52.36	12.85	-	0.22	1.54	7.79	-	13.08	5,654.83
	MS-Miscellaneous Total	1	110	30.70	0.95	0.83	-	-	-	-	-	-	0.08	-	-	32.56
	NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NM-Net Metering Total	-	(5,312)	(128.61)	-	-	-	-	-	-	-	-	-	-	-	(128.61)
	PL-Private Lighting Total	148	808,926	235,701.86	3,089.51	7,651.95	39.17	491.70	118.13	509.89	13.17	16.18	0.56	-	255.03	247,887.15
	PT-Transmission Total	1	2,260,800	74,646.12	-	44,648.54	-	-	-	4,665.22	2,260.80	-	-	-	13,338.72	139,559.40
	SH-Small Heating Total	3,063	8,122,467	1,102,517.73	30,315.95	62,226.46	-	1,670.98	462.74	-	-	-	5,534.11	-	-	1,202,727.97
	TEB-Total Electric Bldg Total	977	34,793,659	3,912,294.56	49,276.32	267,974.73	-	5,382.42	1,490.61	1,132.76	2,070.00	-	23,096.87	-	2,178.95	4,264,897.22
Commercial Total		24,758	162,819,883	18,246,114.23	307,522.69	1,398,110.67	10,569.97	54,453.44	11,266.45	53,744.50	12,258.87	1,876.04	94,771.58	10,929.77	36,626.23	20,238,244.44
	CB-Commercial Total	83	198,387	26,839.27	978.17	1,756.23	10.06	127.90	46.22	589.52	0.02	1.58	118.25	12.22	0.10	30,479.54
	GP-General Power Total	173	19,704,608	1,892,974.71	16,175.16	173,940.15	1,838.83	11,188.23	2,361.08	15,797.46	1,254.86	360.42	10,877.68	2,108.34	2,698.14	2,131,575.06
	LP-Large Power Total	28	53,462,846	4,863,659.35	960.00	397,638.40	-	-	-	62,215.16	-	-	9,610.97	-	-	5,334,083.88
	Oil Pipe GP-General Power Total	6	1,228,461	151,467.46	-	9,311.74	-	-	-	50.00	-	-	531.34	-	-	161,360.54
	Oil Pipe LP-Large Power Total	5	5,896,324	648,332.26	-	43,868.65	-	-	-	-	-	-	2,953.60	-	-	695,154.51
	Oil Pipe PT-Transmission Total	1	1,364,000	47,734.30	-	26,937.64	-	-	-	-	1,364.00	-	-	-	8,047.60	84,083.54
	PFM-Feed Mill/Grain Elev. Total	10	48,706	9,053.31	301.46	369.18	-	-	-	-	-	-	34.57	-	-	9,758.52
	PL-Private Lighting Total	1	50,048	11,392.43	223.69	630.64	8.46	117.04	28.62	395.21	0.59	0.93	-	-	11.51	12,809.12
	PT-Transmission Total	12	13,762,292	646,160.58	200.00	299,066.70	19,722.59	59,384.09	8,730.71	25,073.00	2,077.39	935.98	-	22,324.09	12,256.60	1,095,931.73
	SC-P PRAXAIR Transmission Total	1	6,012,000	428,098.35	-	45,180.42	-	-	-	72.00	-	-	-	-	-	473,350.77
	SH-Small Heating Total	16	39,372	4,710.81	65.92	422.42	-	100.44	27.83	-	-	-	19.02	-	-	5,346.44
	TEB-Total Electric Bldg Total	15	1,092,320	115,955.60	951.10	9,180.48	-	729.69	202.08	675.59	-	-	710.63	-	-	128,405.17
Industrial Total		351	102,859,364	8,846,378.43	19,855.50	1,008,302.65	21,579.94	71,647.39	11,396.54	104,867.94	4,696.86	1,298.91	24,856.06	24,444.65	23,013.95	10,162,338.82
	CB-Commercial Total	421	267,162	43,013.14	-	2,356.05	40.11	174.02	30.54	-	3.51	6.28	170.51	48.76	15.59	45,858.51
	GP-General Power Total	2	108,240	11,683.53	-	801.17	-	-	-	-	-	-	76.85	-	-	12,561.55
	LS-Special Lighting Total	93	84,577	13,301.30	-	795.30	2.60	59.99	25.39	-	0.24	1.07	2.46	-	14.32	14,202.67
	MS-Miscellaneous Total	2	11,295	1,187.72	-	85.62	-	-	-	-	-	-	-	-	-	1,273.34
	PL-Private Lighting Total	1	9,375	2,421.55	-	92.65	1.04	7.38	1.58	-	0.07	0.43	-	-	1.20	2,525.90
	SH-Small Heating Total	2	811	149.77	-	5.14	-	-	-	-	-	-	0.58	-	-	155.49
	SPL-Municipal St Lighting Total	7	1,495,875	224,153.70	-	12,948.60	67.42	945.18	230.12	92,015.69	12.57	27.61	-	-	280.37	330,681.26
Muni Street & Hwy Lighting Total		528	1,977,335	295,910.71	-	17,084.53	111.17	1,186.57	287.63	92,015.69	16.39	35.39	250.40	48.76	311.48	407,258.72
	CB-Commercial Total	1,321	1,791,286	247,638.88	-	18,218.55	431.67	1,914.58	351.95	48.78	128.70	67.75	1,012.72	524.41	570.91	270,908.90
	GP-General Power Total	190	7,312,347	754,041.19	-	64,138.65	926.56	3,160.01	559.38	1,186.02	292.06	181.62	4,722.73	913.83	627.96	830,750.01
	LS-Special Lighting Total	1	17,840	1,747.44	-	310.95	-	142.36	39.43	-	-	-	-	-	-	2,240.18
	PL-Private Lighting Total	-	1,275	415.42	-	12.30	0.09	1.40	0.35	-	-	0.04	-	-	-	429.60
	SH-Small Heating Total	47	129,879	17,019.30	-	1,106.36	-	106.30	29.43	-	-	-	82.78	-	-	18,344.17
	TEB-Total Electric Bldg Total	21	785,135	94,164.15	-	5,981.99	-	127.68	35.36	-	7.70	-	545.19	-	8.10	100,870.17
Other Public Authority Total		1,580	10,037,762	1,115,026.38	-	89,768.80	1,358.32	5,452.33	1,015.90	1,234.80	428.46	249.41	6,363.42	1,438.24	1,206.97	1,223,543.03
	CB-Commercial Total	35	129,327	17,141.42	-	1,118.67	-	112.18	31.06	-	-	-	81.84	-	-	18,485.17
	GP-General Power Total	6	108,864	11,924.00	-	829.13	-	3.19	0.88	-	-	-	77.00	-	-	12,834.20
	PL-Private Lighting Total	-	253	68.59	-	1.92	-	-	-	-	-	-	-	-	-	70.51
Interdepartmental Total		41	238,444	29,134.01	-	1,949.72	-	115.37	31.94	-	-	-	158.84	-	-	31,389.88
Total Retail		172,934	472,714,060	54,537,631.33	1,181,141.90	4,256,540.30	52,780.66	261,970.30	50,581.09	251,882.85	30,031.06	6,230.41	193,968.88	61,243.20	97,866.88	60,981,868.86
	GFR-Chetopa Total	1	1,088,704	67,752.86	-	19,792.64	-	-	-	-	-	-	-	-	-	87,545.50
	GFR-Lockwood Total	1	1,203,824	72,664.12	-	21,885.52	-	-	-	-	-	-	-	-	-	94,549.64
	GFR-Monett Total	1	24,616,716	1,095,411.46	-	447,531.90	-	-	-	-	-	-	-	-	-	1,542,943.36
	GFR-Mt Vernon Total	1	7,425,225	366,548.85	-	134,990.58	-	-	-	-	-	-	-	-	-	501,539.43
Wholesale Municipalities Total		4	34,334,469	1,602,377.29	-	624,200.64	-	-	-	-	-	-	-	-	-	2,226,577.93
Grand Total		172,938	507,048,529	56,140,008.62	1,181,141.90	4,880,740.94	52,780.66	261,970.30	50,581.09	251,882.85	30,031.06	6,230.41	193,968.88	61,243.20	97,866.88	63,208,446.79

Electric Revenue Summary by Rate
Electric by State
July 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Arkansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtN Rdr	ProperTax	XsFcIty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
AR		NM-Net Metering Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AR		PL-Private Lighting Total	8	16,327	2,596.61	8.08	399.77	22.15	37.47	-	-	-	10.11	-	-	-	3,074.19
AR		RG-Residential Total	3,868	4,679,565	413,219.42	19,920.20	114,460.84	19,139.11	33,091.21	-	-	-	2,760.55	-	24,381.78	-	626,973.11
AR	Residential	Total	3,876	4,695,892	415,816.03	19,928.28	114,860.61	19,161.26	33,128.68	-	-	-	2,770.66	-	24,381.78	-	630,047.30
AR		CB-Commercial Total	615	1,335,098	122,590.56	4,322.79	32,656.39	5,020.08	7,963.08	-	18.18	-	778.87	-	6,100.18	-	179,450.13
AR		GP-General Power Total	57	1,829,544	111,039.82	332.35	44,750.70	5,506.95	6,127.61	-	6.00	-	1,079.45	-	4,829.59	-	173,672.47
AR		LS-Special Lighting Total	3	2,619	335.13	1.67	64.06	3.77	6.68	-	-	-	1.54	-	-	-	412.85
AR		PL-Private Lighting Total	3	27,412	3,754.31	39.38	670.60	39.17	63.89	-	-	-	16.18	-	-	-	4,583.53
AR	Commercial	Total	678	3,194,673	237,719.82	4,696.19	78,141.75	10,569.97	14,161.26	-	24.18	-	1,876.04	-	10,929.77	-	358,118.98
AR		CB-Commercial Total	1	2,675	242.29	13.90	65.43	10.06	15.97	-	-	-	1.58	-	12.22	-	361.45
AR		GP-General Power Total	4	610,904	40,751.07	50.00	14,942.71	1,838.83	2,662.67	-	60.00	-	360.42	-	2,108.34	-	62,774.04
AR		PL-Private Lighting Total	-	5,882	522.32	8.38	143.87	8.46	13.70	-	395.21	-	0.93	-	-	-	1,092.87
AR		PT-Transmission Total	4	7,734,351	401,542.01	150.00	189,182.23	19,722.59	27,858.69	-	6,612.11	-	935.98	-	22,324.09	-	668,327.70
AR	Industrial	Total	9	8,353,812	443,057.69	222.28	204,334.24	21,579.94	30,551.03	-	7,067.32	-	1,298.91	-	24,444.65	-	732,556.06
AR		CB-Commercial Total	24	10,668	1,247.94	-	260.95	40.11	63.62	-	-	-	6.28	-	48.76	-	1,667.66
AR		LS-Special Lighting Total	6	1,804	334.23	-	44.14	2.60	4.59	-	-	-	1.07	-	-	-	386.63
AR		PL-Private Lighting Total	-	711	93.93	-	17.40	1.04	1.65	-	-	-	0.43	-	-	-	114.45
AR		SPL-Municipal St Lighting Total	-	46,823	2,153.01	-	1,145.30	67.42	114.24	-	1,587.92	-	27.61	-	-	-	5,095.50
AR	Muni Street & Hwy	Lighting Total	30	60,006	3,829.11	-	1,467.79	111.17	184.10	-	1,587.92	-	35.39	-	48.76	-	7,264.24
AR		CB-Commercial Total	77	114,804	10,891.07	-	2,808.07	431.67	684.00	-	-	-	67.75	-	524.41	-	15,406.97
AR		GP-General Power Total	4	307,827	19,560.97	-	7,529.44	926.56	1,140.15	-	-	-	181.62	-	913.83	-	30,252.57
AR		PL-Private Lighting Total	-	65	8.11	-	1.59	0.09	0.15	-	-	-	0.04	-	-	-	9.98
AR	Other Public Authority	Total	81	422,696	30,460.15	-	10,339.10	1,358.32	1,824.30	-	-	-	249.41	-	1,438.24	-	45,669.52
AR	Total		4,674	16,727,079	1,130,882.80	24,846.75	409,143.49	52,780.66	79,849.37	-	8,679.42	-	6,230.41	-	61,243.20	-	1,773,656.10

Electric Revenue Summary by Rate
Electric by State
July 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Kansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtIn Rdr	ProperTax	XsFcilty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
KS		NM-Net Metering Total	-	(452)	(10.95)	-	-	-	-	-	-	-	-	-	-	-	(10.95)
KS		PL-Private Lighting Total	20	53,271	16,532.52	111.77	926.75	-	426.78	118.04	-	-	-	-	-	-	18,115.86
KS		RG-Residential Total	5,537	7,884,385	581,272.86	33,087.50	137,416.39	-	62,917.86	17,424.49	-	-	-	-	-	-	832,119.10
KS		RG-Residential Water Heat Tot	746	1,166,055	82,673.28	3,581.02	20,310.67	-	9,305.21	2,577.04	-	-	-	-	-	-	118,447.22
KS		RH-Residential Total Elec Total	1,878	2,924,375	193,553.27	5,168.54	50,947.71	-	23,336.67	6,463.06	-	-	-	-	-	-	279,469.25
KS		Residential Total	8,181	12,027,634	874,020.98	41,948.83	209,601.52	-	95,986.52	26,582.63	-	-	-	-	-	-	1,248,140.48
KS		CB-Commercial Total	1,048	1,914,575	182,090.66	6,255.26	33,203.20	-	14,887.43	4,230.98	-	-	-	-	-	-	240,667.53
KS		GP-General Power Total	65	2,240,333	154,201.74	700.00	39,049.03	-	17,877.86	4,951.14	663.34	-	-	-	-	-	217,443.11
KS		LS-Special Lighting Total	9	5,813	743.08	5.15	101.32	-	45.68	12.85	-	-	-	-	-	-	908.08
KS		NM-Net Metering Total	-	(5,312)	(128.61)	-	-	-	-	-	-	-	-	-	-	-	(128.61)
KS		PL-Private Lighting Total	15	54,206	13,264.59	142.68	924.44	-	427.81	118.13	-	-	-	-	-	-	14,877.65
KS		SH-Small Heating Total	100	209,399	17,122.93	652.40	3,649.86	-	1,670.98	462.74	-	-	-	-	-	-	23,558.91
KS		TEB-Total Electric Bldg Total	36	674,488	47,344.25	283.25	11,756.32	-	5,382.42	1,490.61	-	-	-	-	-	-	66,256.85
KS		Commercial Total	1,273	5,093,502	414,638.64	8,038.74	88,684.17	-	40,292.18	11,266.45	663.34	-	-	-	-	-	563,583.52
KS		CB-Commercial Total	10	20,907	1,964.12	36.70	364.41	-	111.93	46.22	-	-	-	-	-	-	2,523.38
KS		GP-General Power Total	27	1,068,369	85,202.53	250.00	18,282.88	-	8,525.56	2,361.08	-	-	-	-	-	-	114,622.05
KS		PL-Private Lighting Total	-	12,950	2,776.50	61.10	225.71	-	103.34	28.62	-	-	-	-	-	-	3,195.27
KS		PT-Transmission Total	5	3,950,552	162,851.71	50.00	68,858.12	-	31,525.40	8,730.71	11,555.84	-	-	-	-	-	283,571.78
KS		SH-Small Heating Total	7	12,587	1,058.87	-	219.40	-	100.44	27.83	-	-	-	-	-	-	1,406.54
KS		TEB-Total Electric Bldg Total	3	91,440	6,225.65	-	1,593.80	-	729.69	202.08	-	-	-	-	-	-	8,751.22
KS		Industrial Total	52	5,156,805	260,079.38	397.80	89,544.32	-	41,096.36	11,396.54	11,555.84	-	-	-	-	-	414,070.24
KS		CB-Commercial Total	45	13,829	2,109.29	-	241.05	-	110.40	30.54	-	-	-	-	-	-	2,491.28
KS		LS-Special Lighting Total	11	11,490	1,362.15	-	200.26	-	55.40	25.39	-	-	-	-	-	-	1,643.20
KS		PL-Private Lighting Total	-	719	154.20	-	12.52	-	5.73	1.58	-	-	-	-	-	-	174.03
KS		SPL-Municipal St Lighting Total	-	104,127	10,202.89	-	1,814.93	-	830.94	230.12	4,055.83	-	-	-	-	-	17,134.71
KS		Muni Street & Hwy Lighting Total	56	130,165	13,828.53	-	2,268.76	-	1,002.47	287.63	4,055.83	-	-	-	-	-	21,443.22
KS		CB-Commercial Total	83	159,246	15,009.28	-	2,759.00	-	1,230.58	351.95	48.78	-	-	-	-	-	19,399.59
KS		GP-General Power Total	13	253,115	18,088.70	-	4,411.80	-	2,019.86	559.38	-	-	-	-	-	-	25,079.74
KS		LS-Special Lighting Total	1	17,840	1,747.44	-	310.95	-	142.36	39.43	-	-	-	-	-	-	2,240.18
KS		PL-Private Lighting Total	-	157	39.52	-	2.74	-	1.25	0.35	-	-	-	-	-	-	43.86
KS		SH-Small Heating Total	3	13,320	1,012.31	-	232.17	-	106.30	29.43	-	-	-	-	-	-	1,380.21
KS		TEB-Total Electric Bldg Total	1	16,000	1,219.87	-	278.88	-	127.68	35.36	-	-	-	-	-	-	1,661.79
KS		Other Public Authority Total	101	459,678	37,117.12	-	7,995.54	-	3,628.03	1,015.90	48.78	-	-	-	-	-	49,805.37
KS		CB-Commercial Total	2	14,057	1,213.83	-	245.02	-	112.18	31.06	-	-	-	-	-	-	1,602.09
KS		GP-General Power Total	2	400	1,055.20	-	6.97	-	3.19	0.88	-	-	-	-	-	-	1,066.24
KS		Interdepartmental Total	4	14,457	2,269.03	-	251.99	-	115.37	31.94	-	-	-	-	-	-	2,668.33
KS	Total Retail		9,667	22,882,241	1,601,953.68	50,385.37	398,346.30	22,882.24	182,120.93	50,581.09	16,323.79	-	-	-	-	-	2,299,711.16
KS		GFR-Chetopa Total	1	1,088,704	67,752.86	-	19,792.64	-	-	-	-	-	-	-	-	-	87,545.50
KS		Wholesale Municipalities Total	1	1,088,704	67,752.86	-	19,792.64	-	-	-	-	-	-	-	-	-	87,545.50
KS	Total		9,668	23,970,945	1,669,706.54	50,385.37	418,138.94	22,882.24	182,120.93	50,581.09	16,323.79	-	-	-	-	-	2,387,256.66

Electric Revenue Summary by Rate
Electric by State
July 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Missouri

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvtrn Rdr	ProperTax	XsFcilty	SWPP	EERC	EFF	TCR	ECP	Total Revenue
MO		NM-Net Metering Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting Total	127	353,540	132,230.19	702.72	2,658.02	-	-	-	19.92	-	-	-	-	-	135,610.85
MO		RGL-Residential Pilot Total	779	833,839	108,632.89	3,793.79	6,297.67	-	-	-	-	-	-	325.34	-	-	119,049.69
MO		RG-Residential Total	128,956	171,622,022	24,120,646.21	774,977.66	1,302,520.51	-	-	-	-	-	-	67,243.24	-	-	26,265,387.62
MO	Residential	Total	129,862	172,809,401	24,361,509.29	779,474.17	1,311,476.20	-	-	-	19.92	-	-	67,568.58	-	-	26,520,048.16
MO		CB-Commercial Total	16,480	31,751,463	4,555,332.39	137,571.35	240,224.25	-	-	-	55.90	-	-	22,459.53	-	-	4,955,643.42
MO		GP-General Power Total	1,454	62,248,556	6,516,877.12	70,262.01	468,284.55	-	-	-	7,173.72	-	-	40,634.42	-	-	7,103,231.82
MO		LP-Large Power Total	6	12,180,000	1,064,270.47	2,703.93	90,619.21	-	-	-	39,519.49	-	-	3,038.22	-	-	1,200,151.32
MO		LS-Special Lighting Total	52	22,582	3,862.74	102.18	170.06	-	-	-	-	-	-	7.79	-	-	4,142.77
MO		MS-Miscellaneous Total	1	110	30.70	0.95	0.83	-	-	-	-	-	-	0.08	-	-	32.56
MO		PL-Private Lighting Total	121	684,039	209,752.62	2,907.45	5,187.27	-	-	-	509.89	-	-	0.56	-	-	218,357.79
MO		SH-Small Heating Total	2,963	7,913,068	1,085,394.80	29,663.55	58,576.60	-	-	-	-	-	-	5,534.11	-	-	1,179,169.06
MO		TEB-Total Electric Bldg Total	914	33,778,714	3,842,843.23	48,993.07	249,376.91	-	-	-	1,132.76	-	-	23,096.87	-	-	4,165,442.84
MO	Commercial	Total	21,991	148,578,532	17,278,364.07	292,204.49	1,112,439.68	-	-	-	48,391.76	-	-	94,771.58	-	-	18,826,171.58
MO		CB-Commercial Total	70	174,789	24,605.42	927.57	1,326.07	-	-	-	589.52	-	-	118.25	-	-	27,566.83
MO		GP-General Power Total	137	17,597,059	1,744,654.89	15,803.42	132,108.35	-	-	-	14,073.82	-	-	10,877.68	-	-	1,917,518.16
MO		LP-Large Power Total	28	53,462,846	4,863,659.35	960.00	397,638.40	-	-	-	62,215.16	-	-	9,610.97	-	-	5,334,083.88
MO		Oil Pipe GP-General Power Tot	6	1,228,461	151,467.46	-	9,311.74	-	-	-	50.00	-	-	531.34	-	-	161,360.54
MO		Oil Pipe LP-Large Power Total	5	5,896,324	648,332.26	-	43,868.65	-	-	-	-	-	-	2,953.60	-	-	695,154.51
MO		PFM-Feed Mill/Grain Elev Total	10	48,706	9,053.31	301.46	369.18	-	-	-	-	-	-	34.57	-	-	9,758.52
MO		PL-Private Lighting Total	1	29,266	7,606.59	154.21	221.88	-	-	-	-	-	-	-	-	-	7,982.68
MO		SC-P PRAXAIR Transmission T	1	6,012,000	428,098.35	-	45,180.42	-	-	-	72.00	-	-	-	-	-	473,350.77
MO		SH-Small Heating Total	9	26,785	3,651.94	65.92	203.02	-	-	-	-	-	-	19.02	-	-	3,939.90
MO		TEB-Total Electric Bldg Total	12	1,000,880	109,729.95	951.10	7,586.68	-	-	-	675.59	-	-	710.63	-	-	119,653.95
MO	Industrial	Total	279	85,477,116	7,990,859.52	19,163.68	637,814.39	-	-	-	77,676.09	-	-	24,856.06	-	-	8,750,369.74
MO		CB-Commercial Total	340	240,190	39,294.57	-	1,804.34	-	-	-	-	-	-	170.51	-	-	41,269.42
MO		GP-General Power Total	2	108,240	11,683.53	-	801.17	-	-	-	-	-	-	76.85	-	-	12,561.55
MO		LS-Special Lighting Total	75	70,483	11,513.98	-	534.82	-	-	-	-	-	-	2.46	-	-	12,051.26
MO		MS-Miscellaneous Total	2	11,295	1,187.72	-	85.62	-	-	-	-	-	-	-	-	-	1,273.34
MO		PL-Private Lighting Total	-	7,740	2,120.62	-	58.60	-	-	-	-	-	-	-	-	-	2,179.22
MO		SH-Small Heating Total	2	811	149.77	-	5.14	-	-	-	-	-	-	0.58	-	-	155.49
MO		SPL-Municipal St Lighting Tota	7	1,303,078	207,843.33	-	9,147.44	-	-	-	85,343.04	-	-	-	-	-	302,333.81
MO	Muni Street & Hwy	Lighting Total	428	1,741,837	273,793.52	-	12,437.13	-	-	-	85,343.04	-	-	250.40	-	-	371,824.09
MO		CB-Commercial Total	1,091	1,426,616	213,901.19	-	10,835.31	-	-	-	-	-	-	1,012.72	-	-	225,749.22
MO		GP-General Power Total	165	6,651,727	709,662.81	-	50,194.36	-	-	-	1,186.02	-	-	4,722.73	-	-	765,765.92
MO		PL-Private Lighting Total	-	1,053	367.79	-	7.97	-	-	-	-	-	-	-	-	-	375.76
MO		SH-Small Heating Total	44	116,559	16,006.99	-	874.19	-	-	-	-	-	-	82.78	-	-	16,963.96
MO		TEB-Total Electric Bldg Total	19	767,869	92,811.83	-	5,677.67	-	-	-	-	-	-	545.19	-	-	99,034.69
MO	Other Public Authority	Total	1,319	8,963,824	1,032,750.61	-	67,589.50	-	-	-	1,186.02	-	-	6,363.42	-	-	1,107,889.55
MO		CB-Commercial Total	33	115,270	15,927.59	-	873.65	-	-	-	-	-	-	81.84	-	-	16,883.08
MO		GP-General Power Total	4	108,464	10,868.80	-	822.16	-	-	-	-	-	-	77.00	-	-	11,767.96
MO		PL-Private Lighting Total	-	253	68.59	-	1.92	-	-	-	-	-	-	-	-	-	70.51
MO	Interdepartmental	Total	37	223,987	26,864.98	-	1,697.73	-	-	-	-	-	-	158.84	-	-	28,721.55
MO	Total Retail		153,916	417,794,697	50,964,141.99	1,090,842.34	3,143,454.63	-	-	-	212,616.83	-	-	193,968.88	-	-	55,605,024.67
MO		GFR-Lockwood Total	1	1,203,824	72,664.12	-	21,885.52	-	-	-	-	-	-	-	-	-	94,549.64
MO		GFR-Monett Total	1	24,616,716	1,095,411.46	-	447,531.90	-	-	-	-	-	-	-	-	-	1,542,943.36
MO		GFR-Mt Vernon Total	1	7,425,225	366,548.85	-	134,990.58	-	-	-	-	-	-	-	-	-	501,539.43

Electric Revenue Summary by Rate
 Electric by State
 July 31, 2018

SCHEDULE LLF-2
 4 CSR 240-3.161(7)A

MO	Wholesale Municipalities Total	3	33,245,765	1,534,624.43	-	604,408.00	-	-	-	-	-	-	-	-	-	2,139,032.43
MO Total		153,919	451,040,462	52,498,766.42	1,090,842.34	3,747,862.63	-	-	-	212,616.83	-	-	193,968.88	-	-	57,744,057.10

Electric Revenue Summary by Rate
Electric by State
July 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Oklahoma

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	Rvrtn Rdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	Total Revenue
OK		PL-Private Lighting Total	7	34,905	8,497.49	-	701.38	-	-	-	-	11.10	-	-	-	204.11	9,414.08
OK		RG-Residential Total	2,861	3,774,739	257,643.46	10,673.77	75,799.34	-	-	-	-	9,137.63	-	-	-	26,432.73	379,686.93
OK		RH-Residential Total Elec Total	889	1,438,701	87,580.32	1,738.66	28,884.88	-	-	-	-	3,481.75	-	-	-	10,071.41	131,757.02
OK		Residential Total	3,757	5,248,345	353,721.27	12,412.43	105,385.60	-	-	-	-	12,630.48	-	-	-	36,708.25	520,858.03
OK		CB-Commercial Total	707	1,177,222	99,729.28	2,580.38	23,654.33	-	-	-	-	1,671.75	-	-	-	7,417.07	135,052.81
OK		GP-General Power Total	60	2,130,697	109,818.63	-	42,816.37	-	-	-	-	6,242.93	-	-	-	13,423.38	172,301.31
OK		LS-Special Lighting Total	11	731	160.25	2.89	14.69	-	-	-	-	0.22	-	-	-	13.08	191.13
OK		NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		PL-Private Lighting Total	9	43,269	8,930.34	-	869.64	-	-	-	-	13.17	-	-	-	255.03	10,068.18
OK		PT-Transmission Total	1	2,260,800	74,646.12	-	44,648.54	-	-	-	4,665.22	2,260.80	-	-	-	13,338.72	139,559.40
OK		TEB-Total Electric Bldg Total	27	340,457	22,107.08	-	6,841.50	-	-	-	-	2,070.00	-	-	-	2,178.95	33,197.53
OK		Commercial Total	816	5,953,176	315,391.70	2,583.27	118,845.07	-	-	-	4,665.22	12,258.87	-	-	-	36,626.23	490,370.36
OK		CB-Commercial Total	2	16	27.44	-	0.32	-	-	-	-	0.02	-	-	-	0.10	27.88
OK		GP-General Power Total	5	428,276	22,366.22	71.74	8,606.21	-	-	-	1,663.64	1,254.86	-	-	-	2,698.14	36,660.81
OK		Oil Pipe PT-Transmission Total	1	1,364,000	47,734.30	-	26,937.64	-	-	-	-	1,364.00	-	-	-	8,047.60	84,083.54
OK		PL-Private Lighting Total	-	1,950	487.02	-	39.18	-	-	-	-	0.59	-	-	-	11.51	538.30
OK		PT-Transmission Total	3	2,077,389	81,766.86	-	41,026.35	-	-	-	6,905.05	2,077.39	-	-	-	12,256.60	144,032.25
OK		Industrial Total	11	3,871,631	152,381.84	71.74	76,609.70	-	-	-	8,568.69	4,696.86	-	-	-	23,013.95	265,342.78
OK		CB-Commercial Total	12	2,475	361.34	-	49.71	-	-	-	-	3.51	-	-	-	15.59	430.15
OK		LS-Special Lighting Total	1	800	90.94	-	16.08	-	-	-	-	0.24	-	-	-	14.32	121.58
OK		PL-Private Lighting Total	1	205	52.80	-	4.13	-	-	-	-	0.07	-	-	-	1.20	58.20
OK		SPL-Municipal St Lighting Total	-	41,847	3,954.47	-	840.93	-	-	-	1,028.90	12.57	-	-	-	280.37	6,117.24
OK		Muni Street & Hwy Lighting Total	14	45,327	4,459.55	-	910.85	-	-	-	1,028.90	16.39	-	-	-	311.48	6,727.17
OK		CB-Commercial Total	70	90,620	7,837.34	-	1,816.17	-	-	-	-	128.70	-	-	-	570.91	10,353.12
OK		GP-General Power Total	8	99,678	6,728.71	-	2,003.05	-	-	-	-	292.06	-	-	-	627.96	9,651.78
OK		TEB-Total Electric Bldg Total	1	1,266	132.45	-	25.44	-	-	-	-	7.70	-	-	-	8.10	173.69
OK		Other Public Authority Total	79	191,564	14,698.50	-	3,844.66	-	-	-	-	428.46	-	-	-	1,206.97	20,178.59
OK	Total		4,677	15,310,043	840,652.86	15,067.44	305,595.88	-	-	-	14,262.81	30,031.06	-	-	-	97,866.88	1,303,476.93
	Grand Total		172,938	507,048,529	56,140,008.62	1,181,141.90	4,880,740.94	52,780.66	261,970.30	50,581.09	251,882.85	30,031.06	6,230.41	193,968.88	61,243.20	97,866.88	63,208,446.79

Electric Revenue Summary by Rate
 Total Company Water
 July 31, 2018

SCHEDULE LLF-2
 4 CSR 240-3.161(7)A

Revenue Class	Pricing Plan	Customers	Gallons (1,000)	Usage	Wtr Prmcy	Hydrnt	Xsfclty	Total Water
	WA-Tank Water Total	-	22	403.70	-	-	-	403.70
	WA-Water Total	3,993	18,976	131,239.95	24.24	3,809.71	-	135,073.90
WA-Residential Total		3,993	18,998	131,643.65	24.24	3,809.71	-	135,477.60
	WA-Sprinkler System Total	-	-	371.89	-	-	-	371.89
	WA-Water Total	466	7,906	38,880.77	-	446.87	18.58	39,346.22
WA-Commercial Total		466	7,906	39,252.66	-	446.87	18.58	39,718.11
WA-Industrial Total		7	3,193	6,784.81	-	11.33	-	6,796.14
WA-Other Public Authority Total		23	336	1,975.11	-	26.71	-	2,001.82
WA-Interdepartmental Total		2	7	127.79	-	1.60	-	129.39
Grand Total		4,491	30,440	179,784.02	24.24	4,296.22	18.58	184,123.06

Electric Revenue Summary by Rate
Total Company Electricity
August 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvtrNdr	ProperTax	XsFclyt	SWPP	FERC	FFF	TCR	FCP	TaxCuts	Total Revenue
NM-Net Metering Total		-	(325)	(9.40)	-	-	-	-	-	-	-	-	-	-	-	-	(9.40)
PL-Private Lighting Total	165	456,021	158,501.03	823.29	4,756.90	21.94	467.53	119.09	19.92	10.96	10.01	-	-	201.80	-	(0.14)	164,932.33
RGL-Residential Pilot Total	746	705,607	91,773.01	3,211.48	5,344.46	-	-	-	-	-	-	-	275.30	-	-	(1.09)	100,603.16
RG-Residential Total	141,423	170,245,585	22,950,009.47	758,210.43	#####	17,416.89	85,066.03	15,219.18	-	8,789.51	2,512.43	60,308.10	22,187.15	25,425.92	(226.42)	-	25,425,316.07
RG-Residential Water Heat Total	748	1,079,126	77,319.85	3,129.03	20,234.20	-	8,611.46	2,384.80	-	-	-	-	-	-	-	-	111,679.34
RH-Residential Total Elec Total	2,767	4,124,689	267,759.03	6,403.08	79,984.88	-	21,810.87	6,040.30	-	3,367.57	-	-	-	9,740.87	-	-	395,106.60
Residential Total	145,849	176,610,703	23,545,352.99	771,777.31	#####	17,438.83	115,955.89	23,763.37	19.92	12,168.04	2,522.44	60,583.40	22,187.15	35,368.59	(227.65)	-	26,197,628.10
CB-Commercial Total	18,823	32,452,496	4,478,224.88	142,182.06	302,770.11	4,477.18	22,013.04	4,233.99	74.08	1,634.10	693.89	19,934.34	5,441.47	7,249.97	(27.93)	-	4,988,901.18
GP-General Power Total	1,639	63,953,554	6,620,495.65	70,301.24	565,060.85	5,116.88	24,259.95	4,899.09	7,843.06	6,017.45	1,002.96	37,905.03	5,180.01	12,938.52	(540.42)	-	7,360,480.27
LP-Large Power Total	6	12,002,400	1,080,425.13	2,364.99	89,297.86	-	-	-	-	39,519.49	-	-	2,806.49	-	(4,550.76)	-	1,209,863.20
LS-Special Lighting Total	75	17,501	3,575.64	87.86	135.21	(3.36)	17.60	6.52	-	0.19	(1.37)	4.33	-	11.79	-	-	3,834.41
MS-Miscellaneous Total	1	398	59.99	1.90	3.02	-	-	-	-	-	-	0.28	-	-	-	-	65.19
NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NM-Net Metering Total	-	(4,649)	(134.45)	-	-	-	-	-	-	-	-	-	-	-	-	-	(134.45)
PL-Private Lighting Total	152	809,467	236,083.11	3,088.14	7,765.82	39.22	494.94	119.47	509.89	13.19	16.20	0.56	-	255.56	(10.73)	-	248,375.37
PT-Transmission Total	1	2,126,400	71,707.95	-	43,117.01	-	-	-	4,665.22	2,126.40	-	-	-	12,545.76	-	-	134,162.34
RG-Residential Total	1	1,120	160.40	10.83	8.49	-	-	-	-	-	-	0.80	-	-	-	-	180.52
SH-Small Heating Total	3,061	7,456,685	1,018,058.78	28,471.86	58,694.21	-	1,547.55	428.59	-	-	-	5,079.36	-	-	(8.30)	-	1,112,272.05
TEB-Total Electric Bldg Total	976	32,898,604	3,747,342.92	47,257.80	260,523.10	-	5,268.73	1,459.15	1,132.76	1,759.25	-	21,852.99	-	1,851.79	(2.02)	-	4,088,446.47
Commercial Total	24,736	151,713,976	17,256,000.00	293,766.68	#####	9,629.92	53,601.81	11,146.81	53,744.50	11,550.58	1,711.68	87,584.18	10,621.48	34,853.39	(5,140.16)	-	19,146,446.55
CB-Commercial Total	83	326,064	37,198.46	1,111.19	4,258.51	13.43	353.33	335.20	589.52	0.02	2.11	114.57	16.32	0.09	-	-	43,992.75
GP-General Power Total	177	19,571,644	1,876,729.80	15,603.13	180,105.00	1,519.49	15,353.91	3,517.81	20,617.55	1,223.50	297.84	10,584.96	2,090.62	2,630.74	(4,717.51)	-	2,125,556.84
LP-Large Power Total	28	54,528,563	4,854,323.05	880.00	405,692.50	-	-	-	60,804.09	-	-	9,573.85	-	-	(27,606.32)	-	5,303,667.17
Oil Pipe GP-General Power Total	6	2,074,923	213,165.30	-	15,727.92	-	-	-	50.00	-	-	547.48	-	-	(1,292.55)	-	228,198.15
Oil Pipe LP-Large Power Total	5	7,858,650	770,415.31	-	58,468.35	-	-	-	-	-	-	3,263.16	-	-	(4,133.51)	-	828,013.31
Oil Pipe PT-Transmission Total	1	1,396,000	48,452.02	-	28,306.69	-	-	-	-	1,396.00	-	-	-	8,236.40	-	-	86,391.11
PFM-Feed Mill/Grain Elev Total	10	29,109	5,521.94	114.96	220.66	-	-	-	-	-	-	20.67	-	-	-	-	5,878.23
PL-Private Lighting Total	1	50,094	11,391.37	223.08	649.11	8.46	117.04	28.62	395.21	0.59	0.93	-	-	11.51	(31.66)	-	12,794.26
PT-Transmission Total	11	13,768,250	638,420.10	175.00	305,819.16	19,900.07	59,430.13	8,688.87	22,411.85	2,032.69	933.14	-	-	22,482.11	11,992.87	-	1,092,285.99
SC-P PRAXAIR Transmission Total	1	6,030,212	428,952.16	-	44,864.78	-	-	-	72.00	-	-	-	-	-	(952.92)	-	472,936.02
SH-Small Heating Total	16	43,488	4,676.96	49.17	579.73	-	178.67	49.49	-	-	-	14.98	-	-	-	-	5,549.00
TEB-Total Electric Bldg Total	15	1,060,800	113,047.95	987.92	9,100.66	-	757.14	209.68	675.59	-	-	685.79	-	-	(114.36)	-	125,350.37
Industrial Total	354	106,737,797	9,002,294.42	19,144.45	#####	21,441.45	76,190.22	12,829.67	105,615.81	4,652.80	1,234.02	24,805.46	24,589.05	22,871.61	(38,848.83)	-	10,330,613.20
CB-Commercial Total	422	256,201	41,559.04	-	2,314.85	42.80	182.69	31.75	-	1.97	6.71	162.61	52.03	8.76	-	-	44,363.21
GP-General Power Total	2	93,040	10,138.42	-	705.24	-	-	-	-	-	-	66.06	-	-	-	-	10,909.72
LS-Special Lighting Total	94	61,115	9,802.56	-	600.20	1.61	49.70	21.90	-	0.17	0.66	0.53	-	10.02	-	-	10,487.35
MS-Miscellaneous Total	2	11,295	1,187.72	-	85.62	-	-	-	-	-	-	-	-	-	-	-	1,273.34
PL-Private Lighting Total	1	9,375	2,421.55	-	93.73	1.04	7.38	1.58	-	0.07	0.43	-	-	1.20	-	-	2,526.98
SH-Small Heating Total	2	752	142.17	-	5.70	-	-	-	-	-	-	0.53	-	-	-	-	148.40
SPI-Municipal St Lighting Total	7	1,529,725	208,682.56	-	14,316.44	73.60	1,028.94	250.43	91,804.42	13.62	30.15	-	-	304.25	(1,393.06)	-	315,111.35
Muni Street & Highway Lighting Total	530	1,961,503	273,934.02	-	18,121.78	119.05	1,268.71	305.66	91,804.42	15.83	37.95	229.73	52.03	324.23	(1,393.06)	-	384,820.35
CB-Commercial Total	1,324	1,841,174	247,326.24	-	21,111.74	968.57	2,702.92	333.77	48.78	118.39	151.99	957.72	1,177.27	525.28	(0.13)	-	275,422.54
GP-General Power Total	190	6,784,814	718,836.32	-	56,808.35	349.56	1,850.86	421.78	1,186.02	288.95	68.52	4,529.20	258.44	621.30	-	-	785,219.30
LS-Special Lighting Total	1	14,320	1,409.52	-	268.50	-	114.27	31.65	-	-	-	-	-	-	-	-	1,823.94
PL-Private Lighting Total	-	1,275	415.42	-	12.50	0.09	1.40	0.35	-	-	0.04	-	-	-	-	-	429.80
SH-Small Heating Total	47	116,550	15,373.01	-	1,018.85	-	96.72	26.79	-	-	-	74.12	-	-	-	-	16,589.49
TEB-Total Electric Bldg Total	21	766,976	91,657.16	-	5,970.34	-	102.78	28.46	-	5.95	-	534.71	-	6.27	-	-	98,305.67
Other Public Authority Total	1,583	9,525,109	1,075,017.67	-	85,190.28	1,318.22	4,868.95	842.80	1,234.80	413.29	220.55	6,095.75	1,435.71	1,152.85	(0.13)	-	1,177,790.74
CB-Commercial Total	35	128,100	17,047.74	-	1,112.54	-	101.13	28.01	-	-	-	81.96	-	-	-	-	18,371.38
GP-General Power Total	6	126,529	12,032.07	-	961.76	-	1.92	0.53	-	-	-	89.66	-	-	-	-	13,085.94
PL-Private Lighting Total	-	253	68.59	-	1.92	-	-	-	-	-	-	-	-	-	-	-	70.51
Interdepartmental Total	41	254,882	29,148.40	-	2,076.22	-	103.05	28.54	-	-	-	171.62	-	-	-	-	31,527.83
Total Retail	173,093	446,803,970	51,181,747.50	1,084,688.44	#####	49,947.47	251,988.63	48,916.85	252,419.45	28,800.54	5,726.64	179,470.14	58,885.42	94,570.67	(45,609.83)	-	57,268,826.77
GFR-Chetopa Total	1	943,982	63,181.71	-	20,446.65	-	-	-	-	-	-	-	-	-	-	-	83,628.36
GFR-Lockwood Total	1	1,100,216	74,817.05	-	23,830.68	-	-	-	-	-	-	-	-	-	-	-	98,647.73
GFR-Monett Total	1	23,523,902	1,029,727.72	-	509,527.72	-	-	-	-	-	-	-	-	-	-	-	1,539,255.44
GFR-Mt Vernon Total	1	6,976,257	359,306.46	-	151,105.73	-	-	-	-	-	-	-	-	-	-	-	510,412.19
Wholesale Municipalities Total	4	32,544,357	1,527,032.94	-	704,910.78	-	-	-	-	-	-	-	-	-	-	-	2,231,943.72
Grand Total	173,097	479,348,327	52,708,780.44	1,084,688.44	#####	49,947.47	251,988.63	48,916.85	252,419.45	28,800.54	5,726.64	179,470.14	58,885.42	94,570.67	(45,609.83)	-	59,500,770.49

Electric Revenue Summary by Rate
 Electric by State
 August 31, 2018

SCHEDULE LLF-2
 4 CSR 240-3.161(7)A

Arkansas

St	Revenue Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtN Rdr	ProperTax	XsFclty	SWPP	EERC	EFF	TCR	ECP	TaxCuts	Total Revenue
AR		NM-Net Metering Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AR		PL-Private Lighting Total	7	16,173	2,571.95	8.08	396.01	21.94	37.10	-	-	-	10.01	-	-	-	-	3,045.09
AR		RG-Residential Total	3,876	4,258,467	379,115.87	18,108.74	104,161.87	17,416.89	30,110.56	-	-	-	2,512.43	-	22,187.15	-	-	573,613.51
AR		Residential Total	3,883	4,274,640	381,687.82	18,116.82	104,557.88	17,438.83	30,147.66	-	-	-	2,522.44	-	22,187.15	-	-	576,658.60
AR		CB-Commercial Total	617	1,190,711	110,373.34	4,024.56	29,124.73	4,477.18	7,108.68	-	18.18	-	693.89	-	5,441.47	-	-	161,262.03
AR		GP-General Power Total	57	1,699,965	112,877.39	353.04	41,581.14	5,116.88	6,569.99	-	6.00	-	1,002.96	-	5,180.01	-	-	172,687.41
AR		LS-Special Lighting Total	3	(2,325)	(168.33)	1.67	(56.87)	(3.36)	(5.92)	-	-	-	(1.37)	-	-	-	-	(234.18)
AR		PL-Private Lighting Total	3	27,451	3,761.06	39.38	671.54	39.22	63.99	-	-	-	16.20	-	-	-	-	4,591.39
AR		Commercial Total	680	2,915,802	226,843.46	4,418.65	71,320.54	9,629.92	13,736.74	-	24.18	-	1,711.68	-	10,621.48	-	-	338,306.65
AR		CB-Commercial Total	1	3,571	319.42	18.40	87.35	13.43	21.32	-	-	-	2.11	-	16.32	-	-	478.35
AR		GP-General Power Total	4	504,812	37,962.15	50.00	12,347.71	1,519.49	2,651.62	-	60.00	-	297.84	-	2,090.62	-	-	56,979.43
AR		PL-Private Lighting Total	-	5,882	522.32	8.38	143.87	8.46	13.70	-	395.21	-	0.93	-	-	-	-	1,092.87
AR		PT-Transmission Total	4	7,803,951	404,457.35	150.00	190,884.64	19,900.07	28,055.88	-	7,477.32	-	933.14	-	22,482.11	-	-	674,340.51
AR		Industrial Total	9	8,318,216	443,261.24	226.78	203,463.57	21,441.45	30,742.52	-	7,932.53	-	1,234.02	-	24,589.05	-	-	732,891.16
AR		CB-Commercial Total	24	11,386	1,311.04	-	278.46	42.80	68.01	-	-	-	6.71	-	52.03	-	-	1,759.05
AR		LS-Special Lighting Total	6	1,122	251.97	-	27.45	1.61	2.86	-	-	-	0.66	-	-	-	-	284.55
AR		PL-Private Lighting Total	-	711	93.93	-	17.40	1.04	1.65	-	-	-	0.43	-	-	-	-	114.45
AR		SPL-Municipal St Lighting Total	-	51,107	2,166.90	-	1,250.06	73.60	124.70	-	1,587.92	-	30.15	-	-	-	-	5,233.33
AR		Muni Street & Highway Lighting Total	30	64,326	3,823.84	-	1,573.37	119.05	197.22	-	1,587.92	-	37.95	-	52.03	-	-	7,391.38
AR		CB-Commercial Total	78	257,610	23,192.72	-	6,301.10	968.57	1,537.96	-	-	-	151.99	-	1,177.27	-	-	33,329.61
AR		GP-General Power Total	4	116,131	6,697.12	-	2,840.57	349.56	327.79	-	-	-	68.52	-	258.44	-	-	10,542.00
AR		PL-Private Lighting Total	-	65	8.11	-	1.59	0.09	0.15	-	-	-	0.04	-	-	-	-	9.98
AR		Other Public Authority Total	82	373,806	29,897.95	-	9,143.26	1,318.22	1,865.90	-	-	-	220.55	-	1,435.71	-	-	43,881.59
AR		Total	4,684	15,946,790	1,085,514.31	22,762.25	390,058.62	49,947.47	76,690.04	-	9,544.63	-	5,726.64	-	58,885.42	-	-	1,699,129.38

Electric Revenue Summary by Rate
Electric by State
August 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Kansas

St	Revenue	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtR Rdr	ProperTax	XsFclty	SWPP	EERC	EFF	TCR	ECP	TaxCuts	Total Revenue
KS		NM-Net Metering Total	-	(325)	(9.40)	-	-	-	-	-	-	-	-	-	-	-	-	(9.40)
KS		PL-Private Lighting Total	17	53,732	16,687.37	113.66	1,007.04	-	430.43	119.09	-	-	-	-	-	-	-	18,357.59
KS		RG-Residential Total	5,529	6,888,136	519,815.63	28,991.22	129,133.19	-	54,955.47	15,219.18	-	-	-	-	-	-	-	748,114.69
KS		RG-Residential Water Heat Total	748	1,079,126	77,319.85	3,129.03	20,234.20	-	8,611.46	2,384.80	-	-	-	-	-	-	-	111,679.34
KS		RH-Residential Total Elec Total	1,876	2,733,193	182,788.36	4,732.32	51,273.57	-	21,810.87	6,040.30	-	-	-	-	-	-	-	266,645.42
KS		Residential Total	8,170	10,753,862	796,601.81	36,966.23	201,648.00	-	85,808.23	23,763.37	-	-	-	-	-	-	-	1,144,787.64
KS		CB-Commercial Total	1,033	1,915,825	182,318.04	6,317.42	35,935.70	-	14,904.36	4,233.99	-	-	-	-	-	-	-	243,709.51
KS		GP-General Power Total	65	2,216,790	152,567.85	700.00	41,564.83	-	17,689.96	4,899.09	663.34	-	-	-	-	-	-	218,085.07
KS		LS-Special Lighting Total	9	2,948	417.27	3.42	55.55	-	23.52	6.52	-	-	-	-	-	-	-	506.28
KS		NM-Net Metering Total	-	(4,649)	(134.45)	-	-	-	-	-	-	-	-	-	-	-	-	(134.45)
KS		PL-Private Lighting Total	15	54,005	13,548.34	143.13	1,012.87	-	430.95	119.47	-	-	-	-	-	-	-	15,254.76
KS		SH-Small Heating Total	100	193,929	16,020.65	639.29	3,636.20	-	1,547.55	428.59	-	-	-	-	-	-	-	22,272.28
KS		TEB-Total Electric Bldg Total	36	660,244	46,500.80	283.92	12,379.56	-	5,268.73	1,459.15	-	-	-	-	-	-	-	65,892.16
KS		Commercial Total	1,258	5,039,092	411,238.50	8,087.18	94,584.71	-	39,865.07	11,146.81	663.34	-	-	-	-	-	-	565,585.61
KS		CB-Commercial Total	10	151,683	12,790.29	140.43	2,876.20	-	332.01	335.20	-	-	-	-	-	-	-	16,474.13
KS		GP-General Power Total	29	1,591,768	110,708.25	275.00	29,845.65	-	12,702.29	3,517.81	2,223.68	-	-	-	-	-	-	159,272.68
KS		PL-Private Lighting Total	-	12,950	2,776.50	61.28	242.83	-	103.34	28.62	-	-	-	-	-	-	-	3,212.57
KS		PT-Transmission Total	4	3,931,610	154,091.86	25.00	73,717.69	-	31,374.25	8,688.87	8,029.48	-	-	-	-	-	-	275,927.15
KS		SH-Small Heating Total	7	22,389	1,756.92	-	419.80	-	178.67	49.49	-	-	-	-	-	-	-	2,404.88
KS		TEB-Total Electric Bldg Total	3	94,880	6,441.94	-	1,779.00	-	757.14	209.68	-	-	-	-	-	-	-	9,187.76
KS		Industrial Total	53	5,805,280	288,565.76	501.71	108,881.17	-	45,447.70	12,829.67	10,253.16	-	-	-	-	-	-	466,479.17
KS		CB-Commercial Total	45	14,368	2,154.98	-	269.44	-	114.68	31.75	-	-	-	-	-	-	-	2,570.85
KS		LS-Special Lighting Total	11	9,911	1,118.32	-	185.82	-	46.84	21.90	-	-	-	-	-	-	-	1,372.88
KS		PL-Private Lighting Total	-	719	154.20	-	13.49	-	5.73	1.58	-	-	-	-	-	-	-	175.00
KS		SPL-Municipal St Lighting Total	-	113,312	10,225.14	-	2,124.62	-	904.24	250.43	4,055.83	-	-	-	-	-	-	17,560.26
KS		Muni Street & Highway Lighting Total	56	138,310	13,652.64	-	2,593.37	-	1,071.49	305.66	4,055.83	-	-	-	-	-	-	21,678.99
KS		CB-Commercial Total	83	151,028	14,311.05	-	2,831.81	-	1,164.96	333.77	48.78	-	-	-	-	-	-	18,690.37
KS		GP-General Power Total	13	190,859	17,288.39	-	3,578.61	-	1,523.07	421.78	-	-	-	-	-	-	-	22,811.85
KS		LS-Special Lighting Total	1	14,320	1,409.52	-	268.50	-	114.27	31.65	-	-	-	-	-	-	-	1,823.94
KS		PL-Private Lighting Total	-	157	39.52	-	2.94	-	1.25	0.35	-	-	-	-	-	-	-	44.06
KS		SH-Small Heating Total	3	12,120	928.76	-	227.25	-	96.72	26.79	-	-	-	-	-	-	-	1,279.52
KS		TEB-Total Electric Bldg Total	1	12,880	1,034.70	-	241.50	-	102.78	28.46	-	-	-	-	-	-	-	1,407.44
KS		Other Public Authority Total	101	381,364	35,011.94	-	7,150.61	-	3,003.05	842.80	48.78	-	-	-	-	-	-	46,057.18
KS		CB-Commercial Total	2	12,673	1,099.46	-	237.62	-	101.13	28.01	-	-	-	-	-	-	-	1,466.22
KS		GP-General Power Total	2	240	1,049.76	-	4.50	-	1.92	0.53	-	-	-	-	-	-	-	1,056.71
KS		Interdepartmental Total	4	12,913	2,149.22	-	242.12	-	103.05	28.54	-	-	-	-	-	-	-	2,522.93
KS		Total Retail	9,642	22,130,821	1,547,219.87	45,555.12	415,099.98	-	175,298.59	48,916.85	15,021.11	-	-	-	-	-	-	2,247,111.52
KS		GFR-Chetopa Total	1	943,982	63,181.71	-	20,446.65	-	-	-	-	-	-	-	-	-	-	83,628.36
KS		Wholesale Municipalities Total	1	943,982	63,181.71	-	20,446.65	-	-	-	-	-	-	-	-	-	-	83,628.36
KS		Total	9,643	23,074,803	1,610,401.58	45,555.12	435,546.63	-	175,298.59	48,916.85	15,021.11	-	-	-	-	-	-	2,330,739.88

Electric Revenue Summary by Rate
Electric by State
August 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Missouri

St	Class	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvRtn Rdr	ProperTax	XsFcilty	SWPP	EERC	EFF	TCR	ECP	TaxCuts	Total Revenue
MO		NM-Net Metering Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting Total	132	351,606	130,835.29	701.55	2,641.50	-	-	-	19.92	-	-	-	-	-	(0.14)	134,198.12
MO		RGL-Residential Pilot Total	746	705,607	91,773.01	3,211.48	5,344.46	-	-	-	-	-	-	275.30	-	-	(1.09)	100,603.16
MO		RG-Residential Total	129,154	155,466,697	21,801,566.78	700,811.90	1,172,173.86	-	-	-	-	-	-	60,308.10	-	-	(226.42)	23,734,634.22
MO	Residential	Total	130,032	156,523,910	22,024,175.08	704,724.93	1,180,159.82	-	-	-	19.92	-	-	60,583.40	-	-	(227.65)	23,969,435.50
MO		CB-Commercial Total	16,461	28,195,163	4,087,958.67	129,397.18	213,967.75	-	-	-	55.90	-	-	19,934.34	-	-	(27.93)	4,451,285.91
MO		GP-General Power Total	1,457	57,983,066	6,247,340.41	69,248.20	439,540.23	-	-	-	7,173.72	-	-	37,905.03	-	-	(540.42)	6,800,667.17
MO		LP-Large Power Total	6	12,002,400	1,080,425.13	2,364.99	89,297.86	-	-	-	39,519.49	-	-	2,806.49	-	-	(4,550.76)	1,209,863.20
MO		LS-Special Lighting Total	52	16,220	3,166.45	79.83	122.95	-	-	-	-	-	-	4.33	-	-	-	3,373.56
MO		MS-Miscellaneous Total	1	398	59.99	1.90	3.02	-	-	-	-	-	-	0.28	-	-	-	65.19
MO		PL-Private Lighting Total	125	684,649	209,823.20	2,905.63	5,186.59	-	-	-	509.89	-	-	0.56	-	-	(10.73)	218,415.14
MO		RG-Residential Total	1	1,120	160.40	10.83	8.49	-	-	-	-	-	-	0.80	-	-	-	180.52
MO		SH-Small Heating Total	2,961	7,262,756	1,002,038.13	27,832.57	55,058.01	-	-	-	-	-	-	5,079.36	-	-	(8.30)	1,089,999.77
MO		TEB-Total Electric Bldg Total	913	31,949,014	3,681,852.75	46,973.88	242,173.46	-	-	-	1,132.76	-	-	21,852.99	-	-	(2.02)	3,993,983.82
MO	Commercial	Total	21,977	138,094,786	16,312,825.13	278,815.01	1,045,358.36	-	-	-	48,391.76	-	-	87,584.18	-	-	(5,140.16)	17,767,834.28
MO		CB-Commercial Total	72	170,795	24,061.31	952.36	1,294.65	-	-	-	589.52	-	-	114.57	-	-	-	27,012.41
MO		GP-General Power Total	139	17,057,486	1,706,589.68	15,212.45	129,295.76	-	-	-	15,484.89	-	-	10,584.96	-	-	(4,717.51)	1,872,450.23
MO		LP-Large Power Total	28	54,528,563	4,854,323.05	880.00	405,692.50	-	-	-	60,804.09	-	-	9,573.85	-	-	(27,606.32)	5,303,667.17
MO		Oil Pipe GP-General Power Total	6	2,074,923	213,165.30	-	15,727.92	-	-	-	50.00	-	-	547.48	-	-	(1,292.55)	228,198.15
MO		Oil Pipe LP-Large Power Total	5	7,858,650	770,415.31	-	58,468.35	-	-	-	-	-	-	3,263.16	-	-	(4,133.51)	828,013.31
MO		PFM-Feed Mill/Grain Elev Total	10	29,109	5,521.94	114.96	220.66	-	-	-	-	-	-	20.67	-	-	-	5,878.23
MO		PL-Private Lighting Total	1	29,312	7,605.53	153.42	222.18	-	-	-	-	-	-	-	-	-	(31.66)	7,949.47
MO		SC-P PRAXAIR Transmission Total	1	6,030,212	428,952.16	-	44,864.78	-	-	-	72.00	-	-	-	-	-	(952.92)	472,936.02
MO		SH-Small Heating Total	9	21,099	2,920.04	49.17	159.93	-	-	-	-	-	-	14.98	-	-	-	3,144.12
MO		TEB-Total Electric Bldg Total	12	965,920	106,606.01	987.92	7,321.66	-	-	-	675.59	-	-	685.79	-	-	(114.36)	116,162.61
MO	Industrial	Total	283	88,766,069	8,120,160.33	18,350.28	663,268.39	-	-	-	77,676.09	-	-	24,805.46	-	-	(38,848.83)	8,865,411.72
MO		CB-Commercial Total	341	229,057	37,822.64	-	1,738.27	-	-	-	-	-	-	162.61	-	-	-	39,723.52
MO		GP-General Power Total	2	93,040	10,138.42	-	705.24	-	-	-	-	-	-	66.06	-	-	-	10,909.72
MO		LS-Special Lighting Total	76	49,522	8,368.55	-	375.38	-	-	-	-	-	-	0.53	-	-	-	8,744.46
MO		MS-Miscellaneous Total	2	11,295	1,187.72	-	85.62	-	-	-	-	-	-	-	-	-	-	1,273.34
MO		PL-Private Lighting Total	-	7,740	2,120.62	-	58.60	-	-	-	-	-	-	-	-	-	-	2,179.22
MO		SH-Small Heating Total	2	752	142.17	-	5.70	-	-	-	-	-	-	0.53	-	-	-	148.40
MO		SPL-Municipal St Lighting Total	7	1,319,897	192,342.57	-	10,004.83	-	-	-	85,131.77	-	-	-	-	-	(1,393.06)	286,086.11
MO	Muni Street & Highway	Lighting Total	430	1,711,303	252,122.69	-	12,973.64	-	-	-	85,131.77	-	-	229.73	-	-	(1,393.06)	349,064.77
MO		CB-Commercial Total	1,094	1,349,157	202,479.27	-	10,259.01	-	-	-	-	-	-	957.72	-	-	(0.13)	213,695.87
MO		GP-General Power Total	165	6,379,202	688,153.57	-	48,354.31	-	-	-	1,186.02	-	-	4,529.20	-	-	-	742,223.10
MO		PL-Private Lighting Total	-	1,053	367.79	-	7.97	-	-	-	-	-	-	-	-	-	-	375.76
MO		SH-Small Heating Total	44	104,430	14,444.25	-	791.60	-	-	-	-	-	-	74.12	-	-	-	15,309.97
MO		TEB-Total Electric Bldg Total	19	753,117	90,507.94	-	5,708.64	-	-	-	-	-	-	534.71	-	-	-	96,751.29
MO	Other Public Authority	Total	1,322	8,586,959	995,952.82	-	65,121.53	-	-	-	1,186.02	-	-	6,095.75	-	-	(0.13)	1,068,355.99
MO		CB-Commercial Total	33	115,427	15,948.28	-	874.92	-	-	-	-	-	-	81.96	-	-	-	16,905.16
MO		GP-General Power Total	4	126,289	10,982.31	-	957.26	-	-	-	-	-	-	89.66	-	-	-	12,029.23
MO		PL-Private Lighting Total	-	253	68.59	-	1.92	-	-	-	-	-	-	-	-	-	-	70.51
MO	Interdepartmental	Total	37	241,969	26,999.18	-	1,834.10	-	-	-	-	-	-	171.62	-	-	-	29,004.90
MO	Total Retail		154,081															
MO		GFR-Lockwood Total	1	1,100,216	74,817.05	-	23,830.68	-	-	-	-	-	-	-	-	-	-	98,647.73
MO		GFR-Monett Total	1	23,523,902	1,029,727.72	-	509,527.72	-	-	-	-	-	-	-	-	-	-	1,539,255.44
MO		GFR-Mt Vernon Total	1	6,976,257	359,306.46	-	151,105.73	-	-	-	-	-	-	-	-	-	-	510,412.19
MO	Wholesale Municipalities	Total	3	31,600,375	1,463,851.23	-	684,464.13	-	-	-	-	-	-	-	-	-	-	2,148,315.36
MO	Total		154,084	425,525,371	49,196,086.46	1,001,890.22	3,653,179.97	-	-	-	212,405.56	-	-	179,470.14	-	-	(45,609.83)	54,197,422.52

Electric Revenue Summary by Rate
Electric by State
August 31, 2018

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Oklahoma

St	Revenue	Pricing Plan	Customers	KWH	Usage	Fran Fee	Fuel	EnvRec	RvrtN Rdr	ProperTax	XsFcly	SWPP	EERC	EFF	TCR	ECP	TaxCuts	Total Revenue
OK		PL-Private Lighting Total	9	34,510	8,406.42	-	712.35	-	-	-	-	10.96	-	-	-	201.80	-	9,331.53
OK		RG-Residential Total	2,864	3,632,285	249,511.19	10,298.57	74,928.46	-	-	-	-	8,789.51	-	-	-	25,425.92	-	368,953.65
OK		RH-Residential Total Elec Total	891	1,391,496	84,970.67	1,670.76	28,711.31	-	-	-	-	3,367.57	-	-	-	9,740.87	-	128,461.18
OK		Residential Total	3,764	5,058,291	342,888.28	11,969.33	104,352.12	-	-	-	-	12,168.04	-	-	-	35,368.59	-	506,746.36
OK		CB-Commercial Total	710	1,150,797	97,574.83	2,442.90	23,741.93	-	-	-	-	1,634.10	-	-	-	7,249.97	-	132,643.73
OK		GP-General Power Total	60	2,053,733	107,710.00	-	42,374.65	-	-	-	-	6,017.45	-	-	-	12,938.52	-	169,040.62
OK		LS-Special Lighting Total	11	658	160.25	2.94	13.58	-	-	-	-	0.19	-	-	-	11.79	-	188.75
OK		NEB-Optional Net Billing Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		PL-Private Lighting Total	9	43,362	8,950.51	-	894.82	-	-	-	-	13.19	-	-	-	255.56	-	10,114.08
OK		PT-Transmission Total	1	2,126,400	71,707.95	-	43,117.01	-	-	-	4,665.22	2,126.40	-	-	-	12,545.76	-	134,162.34
OK		TEB-Total Electric Bldg Total	27	289,346	18,989.37	-	5,970.08	-	-	-	-	1,759.25	-	-	-	1,851.79	-	28,570.49
OK		Commercial Total	819	5,664,296	305,092.91	2,445.84	116,112.07	-	-	-	4,665.22	11,550.58	-	-	-	34,853.39	-	474,720.01
OK		CB-Commercial Total	2	15	27.44	-	0.31	-	-	-	-	0.02	-	-	-	0.09	-	27.86
OK		GP-General Power Total	5	417,578	21,469.72	65.68	8,615.88	-	-	-	2,848.98	1,223.50	-	-	-	2,630.74	-	36,854.50
OK		Oil Pipe PT-Transmission Total	1	1,396,000	48,452.02	-	28,306.69	-	-	-	-	1,396.00	-	-	-	8,236.40	-	86,391.11
OK		PL-Private Lighting Total	-	1,950	487.02	-	40.23	-	-	-	-	0.59	-	-	-	11.51	-	539.35
OK		PT-Transmission Total	3	2,032,689	79,870.89	-	41,216.83	-	-	-	6,905.05	2,032.69	-	-	-	11,992.87	-	142,018.33
OK		Industrial Total	11	3,848,232	150,307.09	65.68	78,179.94	-	-	-	9,754.03	4,652.80	-	-	-	22,871.61	-	265,831.15
OK		CB-Commercial Total	12	1,390	270.38	-	28.68	-	-	-	-	1.97	-	-	-	8.76	-	309.79
OK		LS-Special Lighting Total	1	560	63.72	-	11.55	-	-	-	-	0.17	-	-	-	10.02	-	85.46
OK		PL-Private Lighting Total	1	205	52.80	-	4.24	-	-	-	-	0.07	-	-	-	1.20	-	58.31
OK		SPL-Municipal St Lighting Total	-	45,409	3,947.95	-	936.93	-	-	-	1,028.90	13.62	-	-	-	304.25	-	6,231.65
OK		Muni Street & Highway Lighting Total	14	47,564	4,334.85	-	981.40	-	-	-	1,028.90	15.83	-	-	-	324.23	-	6,685.21
OK		CB-Commercial Total	69	83,379	7,343.20	-	1,719.82	-	-	-	-	118.39	-	-	-	525.28	-	9,706.69
OK		GP-General Power Total	8	98,622	6,697.24	-	2,034.86	-	-	-	-	288.95	-	-	-	621.30	-	9,642.35
OK		TEB-Total Electric Bldg Total	1	979	114.52	-	20.20	-	-	-	-	5.95	-	-	-	6.27	-	146.94
OK		Other Public Authority Total	78	182,980	14,154.96	-	3,774.88	-	-	-	-	413.29	-	-	-	1,152.85	-	19,495.98
OK	Total		4,686	14,801,363	816,778.09	14,480.85	303,400.41	-	-	-	15,448.15	28,800.54	-	-	-	94,570.67	-	1,273,478.71
	Grand Total		173,097	479,348,327	52,708,780.44	1,084,688.44	4,782,185.63	49,947.47	251,988.63	48,916.85	252,419.45	28,800.54	5,726.64	179,470.14	58,885.42	94,570.67	(45,609.83)	59,500,770.49

Electric Revenue Summary by Rate
Total Company Water
August 31, 2018

SCHEDULE LLF-2
4 CSR 240-3.161(7)A

Revenue Class	Pricing Plan	Customers	Gallons (1,000)	Usage	Wtr Prmcy	Hydrnt	XsFclty	Total Revenue
	WA-Tank Water Total	-	2	36.70	-	-	-	36.70
	WA-Water Total	3,997	17,418	128,849.53	12,488.84	3,808.73	-	128,849.53
WA-Residential Total		3,997	17,420	128,886.23	12,488.84	3,808.73	-	128,886.23
	WA-Sprinkler System Total	-	-	371.89	-	-	-	371.89
	WA-Water Total	465	9,655	41,403.68	1,969.56	450.75	18.58	41,422.26
WA-Commercial Total		465	9,655	41,775.57	1,969.56	450.75	18.58	41,794.15
WA-Industrial Total		7	2,324	5,391.65	148.80	11.33	-	5,391.65
WA-Other Public Authority Total		23	797	2,884.57	92.40	26.71	-	2,884.57
WA-Interdepartmental Total		2	(1)	93.39	10.44	1.60	-	93.39
Grand Total		4,494	30,195	179,031.41	14,710.04	4,299.12	18.58	179,049.99

THIS SCHEDULE
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HIGHLY CONFIDENTIAL
IN ITS
ENTIRETY

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ENTIRETY

Empire did not incur any extraordinary costs not to be passed through due to such costs being an insured loss, or subject to reduction due to litigation or for any other reason.

As shown on the revised tariff sheet submitted in this case, the base fuel factor for the accumulation period is \$24.15

Missouri Fuel Adjustment
Interest Calculation

Accumulation Period Ending Aug 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018
Fuel Cost Recovery (Over)/Under	\$ (862,622.56)	\$ (20,729.82)	\$ (262,724.41)	\$ (1,044,466.23)	\$ (424,718.86)	\$ 670,433.85
Cumulative Total - Current Period	\$ (862,622.56)	(883,352.38)	(1,146,076.79)	(2,190,543.02)	(2,615,261.88)	(1,944,828.03)
Period Ending Aug 17 Balance	\$ 1,127,921.45	546,943.35	(1,224.03)	(1,224.03)	(1,224.03)	(1,224.03)
Period Ending Feb 18 Balance	\$ 15,918,626.02	15,918,626.02	15,918,626.02	14,119,018.08	10,975,563.45	8,006,847.61
Total (Over)/Under Recovery Bal	\$ 16,183,924.91	\$ 15,582,216.99	\$ 14,771,325.20	\$ 11,927,251.03	\$ 8,359,077.54	\$ 6,060,795.55
EDE Short-term interest rate	2.00%	2.30%	2.25%	2.26%	2.31%	2.29%
Monthly Interest	\$ 28,121.68	\$ 30,442.55	\$ 28,456.45	\$ 25,141.16	\$ 19,525.59	\$ 13,758.96

Journal Entry

A/C 254162 Deferred MO Fuel Cost Current-Liab							\$	-
A/C 431203 Interest Expense Mo FAC							\$	-
A/C 182362 Deferred MO Fuel Cost Current	\$ 28,121.68	\$ 30,442.55	\$ 28,456.45	\$ 25,141.16	\$ 19,525.59	\$ 13,758.96		
A/C 419025 Interest Income MO FAC	\$ (28,121.68)	\$ (30,442.55)	\$ (28,456.45)	\$ (25,141.16)	\$ (19,525.59)	\$ (13,758.96)		

Prior Period Ending Balance **\$17,562,085.21**

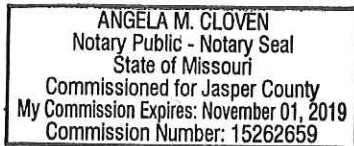
AFFIDAVIT OF LESLIE L. FOREST

STATE OF MISSOURI)
) ss
COUNTY OF JASPER)

On the 1st day of October, 2018, before me appeared Leslie L. Forest, to me personally known, who, being by me first duly sworn, states that she is a Regulatory Analyst, in Rates and Regulatory Affairs of The Empire District Electric Company and acknowledges that she has read the above and foregoing document and believes that the statements therein are true and correct to the best of her information, knowledge and belief.

Leslie L. Forest
Leslie L. Forest

Subscribed and sworn to before me this 1st day of October, 2018.



Angela M. Cloven
Notary Public

My commission expires: 11/01/19.