

Exhibit No.: _____
Issue: Fuel Adjustment Clause
Witness: Brooke M. Prier
Type of Exhibit: Direct
Testimony
Sponsoring Party: The Empire District
Electric Company
Case No.: ER-2023-
Date Testimony Prepared: March 2023

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

Direct Testimony

of

Brooke M. Prier

on behalf of

The Empire District Electric Company

March 31, 2023



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FOR THE DIRECT TESTIMONY OF BROOKE M. PRIER
THE EMPIRE DISTRICT ELECTRIC COMPANY
BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION
CASE NO. ER-2023-

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DIRECT TESTIMONY OF BROOKE M. PRIER
THE EMPIRE DISTRICT ELECTRIC COMPANY
BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION
CASE NO. ER-2023-

1 **I. INTRODUCTION**

2 **Q. Please state your name and business address.**

3 A. My name is Brooke M. Prier, and my business address is 602 South Joplin Avenue, in
4 Joplin, Missouri.

5 **Q. By whom are you employed and in what capacity?**

6 A. My employer is Liberty Utilities Services Corp. (“LUSC”), and I serve as an Analyst
7 II in the Rates and Regulatory Affairs Department for Liberty’s Central Region, which
8 includes The Empire District Electric Company (“Liberty-Empire” or “Company”).

9 **Q. Please describe your educational and professional background.**

10 A. I graduated from Pittsburg State University, Pittsburg, Kansas, in 2017 with a Bachelor
11 of Science degree with a major in Accounting. In 2020, I graduated with a Master of
12 Business Administration with an emphasis in Accounting. I was hired by LUSC in July
13 2019 as a Rates Analyst and was promoted to an Analyst II in September 2022. Prior
14 to joining the Company, I worked for two years as an Operations Accountant for NPC
15 International.

16 **Q. Have you previously testified before the Missouri Public Service Commission
17 (“Commission”) or any other regulatory agency?**

18 A. Yes. I testified on behalf of Liberty-Empire before this Commission in Docket No. ER-
19 2023-0122 and Docket No. EO-2023-0123.

20 **Q. What is the purpose of your testimony?**

1 A. The purpose of my testimony is to support the Fuel & Purchased Power Adjustment
2 Clause (“FAC”) rate tariff that has been filed by Liberty-Empire. The FAC rate tariff
3 reflects the actual energy costs incurred by the Company during the six-month period
4 September 2022 through February 2023. The six-month period is an Accumulation
5 Period specified in the Company’s FAC tariff that was approved by the Commission in
6 its Order Approving Stipulations and Agreements issued in Case No. ER-2021-0312.
7 The current period Fuel Adjustment Rate (“FAR”) for the Accumulation Period ending
8 February 2023 and the Recovery Period ending November 2023 is \$0.00888.

9 **Q. Are you sponsoring any schedules with your testimony?**

10 A. Yes. I am sponsoring the following schedules:
11 ○ Schedule BMP-1 (contains the basic information and the FAC formula the
12 Company used to calculate the FARs which have been included in the proposed
13 revised FAC rate tariff sheet 17q); and
14 ○ Schedule BMP-2 (detailed information required by 20 CSR 4240-20.090(8)(A)(2)).

15 **Q. Does the Company’s FAC tariff include provisions that are designed to limit
16 Liberty-Empire’s FAC recovery to the actual cost of energy?**

17 A. Yes. The Company’s FAC and the Commission’s rule governing FACs include two
18 safeguards limiting FAC recovery to actual, prudently incurred energy costs: (1) a true-
19 up process that ensures the FAC collections during the Recovery Period do not exceed
20 actual energy costs incurred during the Accumulation Period; and (2) a requirement
21 that Liberty-Empire’s energy costs be subjected to periodic prudence reviews. Liberty-
22 Empire’s operation of the FAC has been audited by the Staff of the Commission

1 (“Staff”) through February 28, 2021¹. On September 15, 2021, the Commission issued
2 an Order approving Staff’s filed report in File No. EO-2021-0281, finding no
3 imprudence on the part of Liberty-Empire for the period of September 1, 2019, through
4 February 28, 2021. In addition, Liberty-Empire’s operation of the FAC is currently
5 being reviewed in File No. EO-2023-0087. On February 23, 2023, Staff filed a report
6 in which Staff identified no incidence or evidence of imprudence by the Company in
7 the items that Staff examined for the period of March 1, 2021 through August 31, 2022.

8 **Q. Please describe Liberty-Empire’s FAC and FAR filing obligations.**

9 A. The Commission’s rule governing fuel and purchased power cost recovery mechanisms
10 for electric utilities – specifically 20 CSR 4240-20.090(8) – requires the Company to
11 make periodic FAC filings that are designed to enable Commission review of the actual
12 fuel costs, purchased power costs, cost of consumables associated with the power
13 plants’ air quality control system (“AQCS”), net cost of emission allowances, revenue
14 from the sale of renewable energy credits (“REC”), and off-system sales margins
15 (collectively referred to as total energy costs) that the Company has incurred during an
16 Accumulation Period. In addition, these periodic filings are designed to adjust the FAC
17 rates up or down, to reflect the actual energy costs incurred during the Accumulation
18 Period. Liberty-Empire’s FAC tariff calls for two annual filings: a filing covering the
19 six-month Accumulation Period running from September through February and a
20 second filing covering the Accumulation Period running from March through August.
21 Any increases or decreases in rates approved by the Commission, or that take effect by

¹ Staff reported that fuel costs associated with February 2021 Winter Storm Uri during the twenty-fifth accumulation period were not part of Staff’s prudence review since Empire sought to defer those costs to be considered in other Commission proceedings. However, in Docket EO-2022-0040, the Commission found Storm Uri costs to be prudently incurred.

1 operation of law, are then collected from or refunded to customers over two six-month
2 Recovery Periods: June through November and December through May.

3 **Q. Please provide an overview of your Direct Testimony in support of the FAC rate**
4 **tariff filed by Liberty-Empire.**

5 A. Since the implementation of the Company's FAC, the variable cost of fuel and
6 purchased power used by the Company's Missouri customers has varied from the base
7 fuel and energy cost established in rates. For the Accumulation Period September 2022
8 through February 2023, Liberty-Empire's actual total energy costs eligible for the FAC
9 have been higher than the base energy cost included in the Company's Missouri rates
10 by approximately \$19,551,662. In accordance with the Commission's FAC rule and
11 Liberty-Empire's approved FAC tariff, the Company has filed a FAC rate tariff that is
12 designed to collect 95 percent of the energy cost differences, or approximately
13 \$18,574,079.

14 As reflected in the rate tariff filed by the Company, Liberty-Empire has
15 developed two FARs designed to recover the FPA, each of which is based on forecasted
16 retail Missouri sales over the next Recovery Period: a FAR of \$0.00926 per kilowatt-
17 hour (kWh) for primary service; and a FAR of \$0.00944 per kWh for secondary service.
18 These FARs will enable Liberty-Empire to recover, over a Recovery Period ending
19 November 2023, the difference between energy costs built into its base rates and the
20 total energy costs actually incurred during the Accumulation Period in addition to the
21 true-up of fuel and energy costs during the Recovery Period ended November 30, 2022.

22 **II. THE PROPOSED FAC RATE ADJUSTMENT**

23 **Q. Why has Liberty-Empire filed a FAC-related rate tariff at this time?**

1 A. As noted previously, Rule 20 CSR 4240-20.090(8) and Liberty-Empire's FAC tariff
2 require the Company to make periodic FAC filings that enable the Commission to
3 review Liberty-Empire's actual fuel, purchased power, AQCS costs, off-system sales,
4 REC revenue, and net costs of emissions allowances, so that the Company's FAC rates
5 can be adjusted to reflect the actual energy costs the Company incurs to provide electric
6 service to its Missouri customers. Liberty-Empire's Missouri FAC tariff calls for two
7 FAC adjustment filings per year: (1) a filing covering the six-month Accumulation
8 Period running from September through February; and (2) a filing covering the
9 Accumulation Period running from March through August. Liberty-Empire is seeking
10 a decrease in its FAC rates to reflect 95% of the difference between the energy costs
11 built into its base Missouri rates and Liberty-Empire's actual Missouri energy costs for
12 the September 2022 through February 2023 Accumulation Period, plus a true-up of the
13 costs recovered during the Recovery Period ending November 30, 2022. This recovery
14 via the FAC rates will be reflected on the Missouri customers' bills over the six-month
15 Recovery Period running from June 2023 through November 2023.

16 **Q. How did Liberty-Empire's average energy costs for the Accumulation Period**
17 **compare to the costs included in base rates?**

18 A. While Liberty-Empire's average energy cost per kWh is higher than the level built into
19 its base electric rates, it is lower than the average energy cost of \$0.03090 from the
20 previous Accumulation Period ending August 2022, which is why the FAC rate tariff
21 filed by the Company seeks a decrease in the rates charged to Missouri customers.
22 More specifically, Liberty-Empire's Missouri base rates included an average cost of
23 energy per kWh of net system production of \$0.00870. Liberty-Empire incurred
24 average energy costs of \$0.01733 per kWh during the Accumulation Period, which is

1 \$0.00863 per kWh, or about 2 times more than the average cost built into current base
2 rates. Pursuant to Liberty-Empire's FAC tariff, the Company is requesting in this
3 proceeding to collect from its Missouri customers the net of 95 percent of this increase
4 plus approximately \$1,122,287 of under-recovered energy cost and \$922,353 of
5 interest income.

6 **Q. Did Liberty-Empire anticipate this increase in energy costs when it proposed and**
7 **later settled on a normal level of fuel and purchase power expenses in its most**
8 **recent rate case²?**

9 A. No. The Company agreed to a base fuel amount based on the market conditions that
10 were anticipated at that time. Those expectations have underestimated price levels.
11 The confluence of a number of circumstances over the last 24 months or so have caused
12 fuel and purchase power expenses to be higher than the forecast. The Company could
13 not have reasonably foreseen this outcome.

14 **Q. How will the proposed FAC change impact the monthly bill for a typical**
15 **residential customer?**

16 A. For Missouri residential customers using 1,000 kWh per month, the electric bill will
17 decrease by approximately \$8.55 per month over the six-month period June 2023
18 through November 2023, when the requested FAC secondary expansion factor of
19 \$0.00944 is applied to their bill and the previous FAC recovery factor of \$0.01798 is
20 eliminated from their bill.

21 **Q. Please explain further how the average energy cost varied from expectations.**

22 A. The actual average energy cost was \$17.33/MWh. This was roughly 2 times greater
23 than the average FAC base factor of \$8.70/MWh. The primary event that occurred

² ER-2021-0312.

1 during the review period that contributed to this result was Winter Storm Elliott. This
2 winter storm ushered in extremely cold temperatures beginning on December 21, 2022,
3 and lasting through December 26, 2022. As a result, the Company set an all-time record
4 peak demand of 1,249 MW on the evening of December 22nd with a temperature of
5 minus 6° Fahrenheit. In general, this weather event affected the service territory by
6 delivering extreme cold temperatures that greatly impacted the demand for electricity,
7 generating unit operations, and market and fuel prices across the SPP region. During
8 December 2022, high natural gas prices negatively impacted native load cost purchased
9 from the market. Results from the six-month review period can be viewed as two
10 distinct halves. During the months of September through November 2022, the average
11 energy cost eligible for the FAC was only \$5.75/MWh, well below the FAC base factor.
12 However, from December 2022 through February 2023 (the month of Winter Storm
13 Elliott and the months that followed), the average energy cost eligible for the FAC was
14 \$27.26/MWh. Weather was mild during both January and February 2023, with natural
15 gas and market prices moderating. However, the weighted average cost of natural gas
16 utilized by the Company's gas-fired generators was negatively impacted by the higher
17 price of prior period imbalanced natural gas in January and higher priced imbalance
18 natural gas and hedged natural gas in February, negatively impacting natural gas-fired
19 facilities' market margins in those months. Actual total FAC eligible energy cost per
20 MWh was above the Company budget of \$12.31/MWh by nearly 40.8%.

21 **Q. Please describe how the Company is proposing to recover the energy cost**
22 **increases experienced during the September 2022 – February 2023 Accumulation**
23 **Period.**

1 A. The FAC rate tariff filed by Liberty-Empire will apply a FAR of \$0.00926 for primary
2 and \$0.00944 for secondary service to the actual Missouri retail kWh sales that take
3 place during the June 1, 2023, to November 30, 2023, Recovery Period. The proposed
4 FARs were calculated in accordance with Empire's authorized FAC tariff. Attached to
5 my testimony, as Schedule BMP-1, is an exemplar copy of one of the Company's
6 approved FAC tariff sheets. In addition to the tariff sheet, I have included a monthly
7 analysis of the energy costs and energy cost recovery that has taken place during the
8 Accumulation Period (page 2 of Schedule BMP-1). Schedule BMP-1 contains the basic
9 information and the FAC formula that the Company used to calculate the FARs which
10 have been included in the proposed revised FAC rate tariff sheet 17q. The Liberty-
11 Empire FAC tariff and the formula included therein were approved by the Commission
12 in ER-2021-0312.

13 **Q. How were the various values used to determine the proposed FARs shown on**
14 **schedule BMP-1 developed?**

15 A. The data upon which Liberty-Empire based the values for each of the variables in the
16 approved FAR formula are included on the schedule and came from Liberty-Empire's
17 books and records. Schedule BMP-1 contains the basic information that is required to
18 calculate the proposed change in the FAR. In addition, the detailed information
19 required by 20 CSR 4240-20.090(8)(A)(2) is included in my testimony as Schedule
20 BMP-2. Additional information about the true-up amount is being filed concurrently in
21 a separate docket. Also, as required by 20 CSR 4240-20.090, I am separately providing
22 these workpapers to all parties of record in Case No. ER-2021-0312.

1 **Q. Do you expect the average energy costs eligible for the FAC to be higher or lower**
2 **than the base during the next Accumulation Period from September 2022 through**
3 **February 2023?**

4 A. Based upon a review of the current natural gas market, we expect average energy costs
5 to be relatively close to the FAC base during the Accumulation Period of March 2023
6 – August 2023. This is subject to change based on any upward pressure on natural gas
7 and market prices, extreme weather or other unforeseen events.

8 **Q. Is Liberty-Empire aware of any changes to charge types from SPP that occurred**
9 **during the Accumulation Period for this filing?**

10 A. No, the Company is not aware of any changes to charge types that occurred during the
11 relevant accumulation period. However, the Company is aware of possible new charge
12 types being implemented by SPP which take effect on May 1, 2023. More specifically,
13 in Revision Request 449, SPP added 6 new uncertainty products to the Market
14 Protocols in the sections covering regulation and ancillary services. The intent of the
15 new uncertainty products is to supplement the existing regulation and ancillary services
16 products and is described in 4.1.3.4 of the Market Protocols thus: “The Uncertainty
17 Reserve requirement represents the need for resources with the ability to adjust their
18 power outputs consistent with the resource limit and ramping constraints to respond to
19 planned and/or unplanned obligation changes.” Given their characteristics and that they
20 are similar in their inclusion in the Regulation and Ancillary Services sections of the
21 Market Protocols, the Company believes it is appropriate for the new Uncertainty
22 products to be included in the Fuel Adjustment Clause. Regulation and Ancillary
23 Services are currently captured in accounts 555800-555880 for DA, 555900-555980
24 for RT, and included in the FAC. The impact to rate payers will be similar to the current

1 Regulation and Ancillary Services products in that Liberty-Empire owned and
2 contracted plants will receive revenue from these services if qualified and cleared by
3 the market. Conversely, as with the current Regulation and Ancillary Services products,
4 costs may be incurred for uplift purposes. On March 1, 2023, Liberty-Empire filed
5 notice of these potential new charge types in Case No. ER-2021-0312.

6 **Q. Is Liberty-Empire in compliance with the provisions of the Commission's FAC**
7 **rule concerning periodic reporting and surveillance?**

8 A. Yes. Liberty-Empire has complied with all provisions of Commission Rules 20 CSR
9 4240-20.090(5) and (7) governing periodic reports and surveillance using the
10 Commission's electronic filing system and by providing copies of the periodic
11 compliance reports and copies of surveillance reports to the other parties at the same
12 time they were filed with the Commission.

13 **Q. What action is Liberty-Empire requesting from the Commission with respect to**
14 **the FAC rate tariff submitted by the Company on March 31, 2023?**

15 A. As provided by 20 CSR 4240-20.090(8), Staff has thirty days from the date the FAC
16 rate tariff is filed to conduct a review and to make a recommendation to the
17 Commission as to whether the rate tariff complies with the Commission's FAC rules,
18 the requirements of Section 386.266, RSMo., and Empire's approved FAC. The
19 Commission has sixty days from the date of the Company's filing to either approve the
20 rate tariff or to allow it to take effect by operation of law. The Company's FAC filing
21 satisfies all the requirements of applicable statutes, the Commission's rules, and its
22 approved FAC. As such, the Company requests that the Commission approve or allow
23 revised FAC sheet 17q to take effect by operation of law, effective June 1, 2023.

24 **Q. Does this conclude your Direct Testimony?**

1 A. Yes.

VERIFICATION OF BROOKE M. PRIER

Brooke M. Prier, under penalty of perjury, declares that the foregoing document is true and correct to the best of her knowledge, information, and belief.

/s/Brooke M. Prier
Brooke M. Prier

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 6th Revised Sheet No. 17q

Canceling P.S.C. Mo. No. 6 Sec. 4 5th Revised Sheet No. 17q

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC
For service on and after June 1, 2023

	Accumulation Period Ending		February 28
1	Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		43,588,625
2	Net Base Energy Cost (B)	-	21,886,738
	2.1 Base Factor (BF)		0.00870
	2.2 Accumulation Period NSI (S _{AP})		2,515,717,000
3	(TEC-B)		21,701,888
4	Missouri Energy Ratio (J)		90.09 ¹
5	Sum of Monthly (TEC - B) * J		19,551,662 ²
6	Fuel Cost Recovery	*	95.00%
7	Sum of Monthly (TEC - B) * J * 0.95		18,574,079
8	Deferred Amount		0
9	True-Up Amount (T)	+	1,122,287
10	Prudence Adjustment Amount (P)	+	0
11	Interest (I)	+	922,353
12	Fuel and Purchased Power Adjustment (FPA)	=	20,618,718
13	Forecasted Missouri NSI (S _{RP})	÷	2,321,470,205
14	Current Period Fuel Adjustment Rate (FAR)		0.00888
		=	
15	Current Period FAR _{PRIM} = FAR x VAF _{PRIM}		0.00926
16	Current Period FAR _{SEC} = FAR x VAF _{SEC}		0.00944
17	VAF _{PRIM} = 1.0429		1.0429
18	VAF _{SEC} = 1.0625		1.0625

¹The Missouri Energy Ratio (J), on line 4, is calculated by dividing the Missouri retail kWh sales by the Total system kWh sales for the current accumulation period as specified by the tariff.

²The (TEC-B)*J, on line 5, is calculated by taking the sum of (TEC-B)*J for each month of the accumulation period. Therefore, because each month is weighted differently, the amount on line 5 will not necessarily equal the product of lines three and four.

The Empire District Electric Company
Fuel Adjustment Clause
Cost Adjustment Factor Calculation
Feb 2023

		Accumulation Period							
		Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Prior Period	Total
Generation	[FC]	\$ 21,210,561.41	\$ 13,542,486.06	\$ 17,155,439.06	\$ 20,557,812.82	\$ 18,264,819.01	\$ 14,312,041.87		\$105,043,160.23
Fuel - AQCS	[FC]	\$ 130,414.38	\$ 110,980.91	\$ 94,721.71	\$ 98,273.19	\$ 178,636.15	\$ 36,632.29		\$ 649,658.63
Native Load Cost	[PP]	\$ (11,893,627.67)	\$ 4,458,507.41	\$ (4,340,953.01)	\$ 4,282,383.74	\$ 2,712,794.48	\$ 542,578.32		\$ (4,238,316.73)
Transmission Costs	[PP]	\$ 388,408.45	\$ 1,221,752.15	\$ 485,391.20	\$ 493,003.38	\$ 484,866.05	\$ 473,707.99		\$ 3,547,129.22
Net of Emission Allow.	[E]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
EDE Sales	[OSSR]	\$ (8,198,933.60)	\$ (11,152,240.67)	\$ (16,189,949.15)	\$ (10,094,557.68)	\$ (6,774,373.70)	\$ (5,112,263.64)		\$ (57,522,318.44)
Renewable Energy Credit Revenues	[REC]	\$ (3,739.20)	\$ (195,500.00)	\$ (145,825.25)	\$ (617,156.80)	\$ (1,921,993.20)	\$ (1,006,473.00)		\$ (3,890,687.45)
Total Energy Cost		\$ 1,633,083.77	\$ 7,985,985.86	\$ (2,941,175.44)	\$ 14,719,758.65	\$ 12,944,748.79	\$ 9,246,223.83		\$ 43,588,625.46
Net Base Energy Rate		0.00870	0.00870	0.00870	0.00870	0.00870	0.00870		0.00870
NSI kwh		407,289,000	350,029,000	404,172,000	490,387,000	465,100,000	398,740,000		2,515,717,000
Base Energy Cost (B)		\$ 3,543,414.30	\$ 3,045,252.30	\$ 3,516,296.40	\$ 4,266,366.90	\$ 4,046,370.00	\$ 3,469,038.00		\$ 21,886,737.90
TEC-B		\$ (1,910,330.53)	\$ 4,940,733.56	\$ (6,457,471.84)	\$ 10,453,391.75	\$ 8,898,378.79	\$ 5,777,185.83		\$ 21,701,887.56
Missouri Retail kwh Sales		333,743,238	291,973,373	328,143,286	408,154,666	384,726,555	331,711,663		2,078,452,781
Total System kwh Sales		380,169,146	326,434,721	376,213,052	454,762,085	432,986,324	371,846,251		2,342,411,579
Missouri Energy Ratio (J)		0.8779	0.8944	0.8722	0.8975	0.8885	0.8921		0.9009
(TEC-B)*J		(1,677,079.17)	4,418,992.10	(5,632,206.94)	9,381,919.10	7,906,209.55	5,153,827.48		\$ 19,551,662.11
Fuel & PP Cost Recovery (Over)/Under {[(FC + PP + E - OSSR - REC - B) * J] * 0.95}		\$ (1,593,225.21)	\$ 4,198,042.49	\$ (5,350,596.59)	\$ 8,912,823.14	\$ 7,510,899.08	\$ 4,896,136.10		\$ 18,574,079.01
(Over)/Under Adjustment (T)							\$ 1,122,286.62		\$ 1,122,286.62
Interest (Expense)/Income (I)		\$ 125,923.07	\$ 153,745.08	\$ 142,428.76	\$ 169,012.50	\$ 167,918.09	\$ 163,325.32		\$ 922,352.82
Fuel & Purchased Power Adjustment {[(FC + PP + E - OSSR - REC - B) * J] * 0.95} + T + I + P (FPA)		\$ (1,467,302.14)	\$ 4,351,787.57	\$ (5,208,167.83)	\$ 9,081,835.64	\$ 7,678,817.17	\$ 5,059,461.42	\$ 1,122,286.62	\$ 20,618,718.45
For Recovery Period									
Forecasted NSI kwh (a)									2,644,598,000
Forecasted Missouri Retail kwh Sales (b)									2,171,735,000
Forecasted Total System kwh Sales (c)									2,474,021,000
Forecasted Missouri Ratio									87.78%
Forecasted Missouri NSI kwh (S)=a*(b/c) (S)									2,321,470,205
Cost Adjustment Factor (FAR=FPA./S) (FAR)									0.00888
FAR - Primary and above									0.00926
Primary Expansion Factor		1.0429							
FAR - Secondary									0.00944
Secondary Expansion Factor		1.0625							

Electric Revenue Summary by Rate
Total Company Electric
September 30, 2022

Revenue Class	Plan_Desc	Values																			Total Revenue				
		Customers	KWHs	Usage	Customer Charge	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts	TDC	CSPP Rdr		Cogen Chg Amt	EnergyEffInvestCost	TCRExcessADIT	
Residential		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NEB-Optional Net Billing	16	739	(13.99)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(13.99)	
	NM-Net Metering	-	2,833	(219.37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(219.37)	
	PL-Private Lighting	143	426,918	157,970.52	-	868.84	11,023.18	21.66	24.79	83.04	26.47	(0.07)	36.22	-	-	-	(146.71)	132.00	-	-	-	-	-	170,039.94	
	RGL-Residential Pilot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	RG-Residential	13,029	15,553,735	1,182,000.88	176,020.04	86,147.63	935,110.42	21,149.73	20,219.73	10,742.63	-	(235.99)	11,583.33	107.20	23,167.14	-	(24,892.07)	118,737.36	0	0	0	333.19	0	2,560,191.22	
	RG-Residential Water Heat	718	989,543	60,718.97	10,320.79	4,629.90	75,718.56	-	-	1,613.60	-	-	75,718.56	-	-	-	-	17,903.16	0	0	0	0	0	170,904.98	
	RH-Residential Total Elec	2,841	3,892,228	251,492.48	40,114.58	10,501.87	290,738.23	-	-	4,207.12	-	(91.94)	-	-	-	-	-	45,466.07	0	0	0	0	0	642,428.41	
	NS-GS General Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	NS-RG Residential	136,521	154,149,144	20,931,812.12	1,780,275.94	772,414.96	1,999,299.96	-	-	-	-	-	-	43,161.47	-	-	-	-	3852.05	-831.81	-	134109.93	-	25,664,094.62	
Residential Total		153,268	175,015,141	22,583,761.61	2,006,731.35	874,563.20	3,311,890.35	21,171.39	20,244.52	16,646.39	26.47	(328.00)	11,619.55	43,268.67	23,167.14	-	(25,038.78)	182,238.59	3852.05	-831.81	-	134443.12	0	0	29,207,425.81
Commercial																									
	CB-Commercial	2,455	4,510,913	403,759.93	47,334.68	17,880.36	278,776.91	5,366.73	5,338.11	2,863.60	-	(91.00)	3,156.38	7.70	5,594.89	-	(7,195.83)	25,504.02	0	0	0	35.77	0	788,332.25	
	GP-General Power	195	6,668,183	466,933.30	3,652.20	1,075.46	416,424.50	6,070.66	4,362.05	4,001.21	-	669.34	4,517.69	-	4,719.40	-	(6,107.63)	23,306.78	0	0	0	0	0	929,624.96	
	LP-Large Power	9	12,827,298	1,179,357.76	2,551.95	2,590.15	163,291.51	-	-	-	-	42,246.38	-	-	-	-	-	-	0	0	0	7299.89	0	1,398,909.92	
	LS-Special Lighting	66	34,939	5,687.73	-	46.27	1,018.48	0.98	3.09	8.33	-	(0.12)	1.52	7.01	-	-	(10.20)	4.72	0	0	0	2.07	0	6,769.88	
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NM-Net Metering	-	1,121	(89.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(89.12)	
	PL-Private Lighting	126	737,149	231,957.64	-	2,905.88	16,205.25	40.98	42.87	87.62	578.89	(1.05)	64.26	0.21	-	-	(216.77)	143.00	0	0	0	0	0	251,808.78	
	PT-Transmission	1	2,006,400	89,247.92	-	-	130,133.10	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	224,006.11	
	RB-Residential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SH-Small Heating	97	194,342	13,917.53	2,018.30	885.94	14,469.89	-	-	306.33	-	-	-	2.12	-	-	-	3,103.91	0	0	0	9.8	0	34,713.82	
	TEB-Total Electric Bldg	67	1,315,044	105,587.87	2,023.03	327.63	96,581.82	-	-	1,103.84	-	(62.55)	-	4.57	-	-	-	9,459.44	0	0	0	21.22	0	215,046.87	
	NS-GS General Service	20,235	36,444,010	4,894,037.79	485,672.60	169,494.39	472,679.72	-	-	-	55.90	-	-	10,151.77	-	-	-	-	48.38	-431.83	-	47138.39	0	6,078,847.11	
	NS-SP Small Primary	31	3,461,787	347,611.06	2,082.39	3,669.20	44,899.38	-	-	-	-	-	-	790.13	-	-	-	-	23061.58	0	0	0	0	435,473.58	
	NS-LG Large General Serv	-	44,034,673	4,954,774.04	92,683.46	93,330.23	571,129.81	-	-	-	-	-	-	11,688.34	-	-	-	-	0	-38	-	54267.83	0	5,778,560.57	
	NS-SP Small Primary TEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NS-LG Large General	2,389	36,311,106	4,062,347.14	73,251.71	90,115.59	470,954.95	-	-	-	-	-	-	521.31	-	-	-	9,570.60	-	-	-	44434.45	0	4,751,195.75	
Commercial Total		25,672	148,546,965	16,755,130.59	711,270.32	382,321.10	2,676,565.32	11,479.35	9,746.12	8,370.93	59,153.25	(194.85)	7,739.85	33,794.73	10,314.29	-	(13,530.43)	61,521.87	23109.96	-469.83	-	156877.91	0	0	20,893,200.48
Industrial																									
	CB-Commercial	10	35,821	196.86	99.61	196.86	7.30	7.26	55.57	-	-	-	4.35	-	-	-	(9.83)	494.99	0	0	0	0	0	6,404.63	
	GP-General Power	36	2,526,127	176,097.46	304.35	154,064.30	2,412.10	1,897.05	2,189.66	5,147.68	-	1,795.04	-	-	2,052.49	-	(2,412.62)	16,270.64	0	0	0	0	0	360,311.92	
	LP-Large Power	35	63,489,163	6,044,975.57	9,924.25	960.00	808,217.06	-	-	-	-	-	-	-	-	-	-	-	20860.91	0	0	0	0	6,951,385.77	
	NM-Net Metering	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	
	PRM-Feed Mill/Grain Elev	1	51,303	13,272.81	-	393.65	1,571.29	8.46	8.77	19.54	395.21	(0.03)	3.53	-	-	-	(30.51)	32.01	0	0	0	0	0	15,674.73	
	PL-Private Lighting	12	12,816,632	623,786.64	873.45	150.00	620,863.02	17,271.89	17,187.68	6,805.75	24,205.33	(37.86)	2,413.83	-	19,189.04	-	(20,951.88)	39,360.94	0	0	0	0	0	1,351,117.83	
	SH-Small Heating	2	949	69.69	40.00	-	73.01	-	-	1.56	-	-	-	-	-	-	-	15.77	0	0	0	0	0	200.03	
	TEB-Total Electric Bldg	2	14,800	1,197.67	-	-	1,138.71	-	-	24.27	-	-	-	-	-	-	-	208.09	0	0	0	0	0	2,568.74	
	NS-GS General Service	75	296,729	39,847.55	1,797.75	1,794.01	3,848.61	-	-	-	357.62	-	-	81.06	-	-	-	-	0	0	0	376.65	0	48,103.25	
	NS-SP Small Primary	23	5,506,744	597,332.38	1,598.27	7,361.24	71,422.47	-	-	-	-	-	-	853.00	-	-	-	-	0	0	0	3960.32	0	697,794.21	
	NS-LG Large General Serv	-	8,017,775	864,522.67	5,932.13	15,463.26	103,990.52	-	-	-	-	-	-	1,939.16	-	-	-	-	0	0	0	9003.17	0	1,000,850.91	
	NS-SP Small Primary TEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	TS-Transmission	1	5,957,487	445,348.29	-	-	75,838.81	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	521,259.10	
	NS-LG Large General	131	3,631,252	380,746.02	3,266.03	10,261.71	47,097.34	-	-	-	-	-	-	130.73	-	-	-	-	0	0	0	0	0	446,141.39	
Industrial Total		328	102,344,783	9,190,061.10	23,933.09	36,977.25	1,890,801.70	19,699.75	19,100.76	9,096.35	108,574.92	(37.89)	4,216.75	7,143.58	21,249.14	-	(23,404.84)	56,382.44	0	0	0	38018.41	0	0	11,401,812.51
Muni Street & Highway Lighting																									
	CB-Commercial	81	26,398	2,321.13	1,509.28	-	1,504.49	46.81	46.58	19.76	-	(0.12)	27.90	0.02	48.79	-	(76.97)	175.99	0	0	0	0.13	0	0	5,623.79
	GP-General Power	1	19,520	1,189.19	-	-	1,501.87	-	-	32.01	-	-	-	-	-	-	-	154.82	0	0	0	0	0	2,877.89	
	LS-Special Lighting	94	42,009	7,651.33	-	-	7,197.07	1.39	4.36	3.61	-	(0.01)	2.15	10.74	-	-	(28.40)	2.04	0	0	0.04	0	0	8,366.32	
	MS-Miscellaneous	2	11,295	1,207.66	41.96	-	146.50	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	1,396.12	
	PL-Private Lighting	1	8,660	2,414.10	-	-	165.96	0.73	0.74	0.69	-	-	-	1.11	-	-	-	1.11	0	0	0				

Electric Revenue Summary by Rate
Total Company Electric by State
September 30, 2022

St	Revenue Class	Plan Description	Customers	KWHs	Usage	Customer Charge	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFclty	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	CSPR Rdr	Cogen Chg Amt	EnergyEffInvtCost	TCRExcessADIT	Total Revenue
AR	Residential	NM-Net Metering	-	2,075	(159.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	(159.12)
AR		PL-Private Lighting	5	15,944	2,575.32	-	7.02	574.76	21.66	24.79	-	-	-	36.22	-	-	-	-	(146.71)	-	0	0	0	0	3,093.06
AR		RG-Residential	4,533	5,233,992	408,749.97	50,142.48	22,771.99	186,059.27	21,149.73	20,219.73	-	-	-	11,583.33	-	-	-	-	23,167.14	-	0	0	0	0	718,951.57
AR	Residential Total		4,538	5,252,011	411,166.17	50,142.48	22,779.01	186,634.03	21,171.39	20,244.52	-	-	-	11,619.55	-	-	-	-	23,167.14	-	0	0	0	0	721,885.51
AR	Commercial	CB-Commercial	644	1,427,311	121,855.78	9,201.70	5,095.30	51,354.69	5,366.73	5,338.11	-	-	-	3,156.38	-	-	-	-	(7,195.83)	-	0	0	0	0	199,767.75
AR		GP-General Power	61	2,016,830	122,172.93	3,652.20	350.46	72,565.54	6,070.66	4,362.05	-	6.00	-	4,517.69	-	-	-	-	4,719.40	-	0	0	0	0	212,309.30
AR		LS-Special Lighting	3	680	91.34	-	-	24.47	0.98	3.09	-	-	-	1.52	-	-	-	-	(10.20)	-	0	0	0	0	111.20
AR		PL-Private Lighting	3	28,634	3,954.12	-	40.97	1,030.46	40.98	42.87	-	-	-	64.26	-	-	-	-	(216.77)	-	0	0	0	0	4,956.89
AR	Commercial Total		711	3,473,455	248,074.17	12,853.90	5,486.73	124,975.16	11,479.35	9,746.12	-	6.00	-	7,739.85	-	-	-	-	10,314.29	-	0	0	0	0	417,145.14
AR	Industrial	CB-Commercial	1	1,941	164.76	14.35	10.63	69.84	7.30	7.26	-	-	-	4.35	-	-	-	-	(9.83)	-	0	0	0	0	276.27
AR		GP-General Power	5	801,359	49,236.29	304.35	100.00	28,832.90	2,412.10	1,897.05	-	3,101.85	-	1,795.04	-	-	-	-	2,052.49	-	0	0	0	0	87,319.45
AR		PL-Private Lighting	-	5,882	522.32	-	8.77	211.64	8.46	8.77	-	395.21	-	3.53	-	-	-	-	(30.51)	-	0	0	0	0	1,128.19
AR		PT-Transmission	3	6,773,292	340,919.10	873.45	100.00	243,703.05	17,271.89	17,187.68	-	7,665.09	-	2,413.83	-	-	-	-	19,189.04	-	0	0	0	0	628,371.25
AR	Industrial Total		9	7,582,474	390,842.47	1,192.15	219.40	272,817.43	19,699.75	19,100.76	-	11,162.15	-	4,216.75	-	-	-	-	21,249.14	-	0	0	0	0	717,095.16
AR	Muni Street & Highway Lighting	CB-Commercial	24	12,454	1,057.45	344.40	-	448.10	46.81	46.58	-	-	-	27.90	-	-	-	-	(76.97)	-	0	0	0	0	1,943.06
AR		LS-Special Lighting	6	961	254.17	-	-	34.58	1.39	4.36	-	-	-	2.15	-	-	-	-	(28.40)	-	0	0	0	0	268.25
AR		PL-Private Lighting	-	499	64.53	-	-	17.96	0.73	0.74	-	-	-	1.11	-	-	-	-	(3.78)	-	0	0	0	0	81.29
AR		SPL-Municipal St Lighting	-	51,850	2,207.39	-	-	1,865.57	74.66	84.00	-	1,739.34	-	116.14	-	-	-	-	(135.31)	-	0	0	0	0	5,951.79
AR	Muni Street & Highway Lighting Total		30	65,764	3,583.54	344.40	-	2,366.21	123.59	135.68	-	-	-	1,739.34	-	-	-	-	(244.46)	-	0	0	0	0	8,244.39
AR	Other Public Authority	CB-Commercial	77	106,987	9,109.16	1,104.95	-	3,849.42	402.29	400.14	-	-	-	239.85	-	-	-	-	419.41	-	0	0	0	0	14,964.25
AR		GP-General Power	5	458,640	22,098.54	304.35	-	16,501.87	1,380.52	714.30	-	-	-	1,027.34	-	-	-	-	772.83	-	0	0	0	0	43,708.54
AR		PL-Private Lighting	-	65	8.11	-	-	2.34	0.09	0.10	-	-	-	0.15	-	-	-	-	(0.47)	-	0	0	0	0	10.32
AR	Other Public Authority Total		82	565,692	31,215.61	1,409.30	-	20,353.63	1,782.90	1,114.54	-	-	-	1,267.14	-	-	-	-	1,192.24	-	0	0	0	0	56,683.11
AR	Total		5,370	16,939,397	1,084,881.96	65,942.23	28,485.14	607,146.46	54,256.98	50,341.62	-	-	-	12,907.49	-	-	-	-	55,971.60	-	0	0	0	0	1,921,053.31

Electric Revenue Summary by Rate
Total Company Electric by State
September 30, 2022

OK	Residential	PL-Private Lighting	5	33,139	8,203.98	-	-	2,361.33	-	-	-	-	-	-	-	-	-	0	0	0	10,565.24	
OK		RG-Residential	2,865	3,376,924	321,499.15	39,568.80	17,345.97	240,271.35	-	-	-	-	-	-	-	-	-	0	0	0	618,449.28	
OK		RH-Residential Total Elec	919	1,322,975	111,396.22	12,688.02	3,020.98	95,523.68	-	-	-	-	-	-	-	-	-	0	0	0	220,536.96	
OK		NEB-Optional Net Billing	16	739	(13.99)	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	(13.99)	
OK	Residential Total		3,804	4,733,777	441,083.36	52,256.82	20,366.95	336,158.36	(328.00)	-	-	-	-	-	-	-	-	0	0	0	849,537.49	
OK	Commercial	CB-Commercial	740	1,304,576	138,076.32	16,282.48	4,231.92	92,727.45	-	-	-	-	-	-	-	-	-	0	0	0	251,227.17	
OK		GP-General Power	68	2,211,574	174,712.85	-	-	157,596.79	-	-	-	-	-	-	-	-	-	0	0	0	332,309.64	
OK		LS-Special Lighting	9	3,855	446.32	-	-	274.66	-	-	-	-	-	-	-	-	-	0	0	0	720.86	
OK		PL-Private Lighting	7	44,679	9,038.55	-	-	3,176.02	-	-	-	-	-	-	-	-	-	0	0	0	12,213.52	
OK		PT-Transmission	1	2,006,400	89,247.92	-	-	130,133.10	-	-	-	-	-	-	-	-	-	0	0	0	224,006.11	
OK		TEB-Total Electric Bldg	32	625,655	57,685.86	1,884.05	-	44,584.21	-	-	-	-	-	-	-	-	-	0	0	0	104,091.57	
OK		NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	
OK	Commercial Total		858	6,196,738	469,207.82	18,166.53	4,231.92	428,492.23	(194.85)	-	-	-	-	-	-	-	-	0	0	0	924,568.87	
OK	Industrial	CB-Commercial	1	-	0.15	22.51	-	-	-	-	-	-	-	-	-	-	-	0	0	0	22.66	
OK		GP-General Power	5	389,448	33,072.27	-	118.77	27,752.07	-	-	-	-	-	-	-	-	-	0	0	0	62,988.94	
OK		PL-Private Lighting	-	1,059	306.32	-	-	74.64	-	-	-	-	-	-	-	-	-	0	0	0	380.93	
OK		PT-Transmission	3	1,881,489	105,914.73	-	-	126,228.64	-	-	-	-	-	-	-	-	-	0	0	0	238,354.73	
OK		Oil Pipe PT-Transmission	1	12,000	13,955.25	-	-	778.31	-	-	-	-	-	-	-	-	-	0	0	0	14,733.32	
OK	Industrial Total		10	2,283,996	153,248.72	22.51	118.77	154,833.66	(37.89)	-	-	-	-	-	-	-	-	0	0	0	316,480.58	
OK	Muni Street & Highway Lighting	CB-Commercial	11	1,797	240.74	240.08	-	-	-	-	-	-	-	-	-	-	-	0	0	0	668.77	
OK		LS-Special Lighting	1	290	37.48	-	-	14.25	-	-	-	-	-	-	-	-	-	0	0	0	51.72	
OK		PL-Private Lighting	1	290	75.10	-	-	20.66	-	-	-	-	-	-	-	-	-	0	0	0	95.76	
OK		SPL-Municipal St Lighting	-	33,724	4,367.25	-	-	2,225.66	-	-	-	-	-	-	-	-	-	0	0	0	7,636.56	
OK	Muni Street & Highway Lighting Total		13	36,011	4,720.57	240.08	-	2,388.64	(1.15)	-	-	-	-	-	-	-	-	0	0	0	8,392.81	
OK	Other Public Authority	CB-Commercial	74	101,508	11,373.07	1,623.07	-	7,233.49	-	-	-	-	-	-	-	-	-	0	0	0	20,222.52	
OK		GP-General Power	6	98,520	8,259.65	-	-	7,020.54	-	-	-	-	-	-	-	-	-	0	0	0	15,280.19	
OK		TEB-Total Electric Bldg	1	1,001	119.46	59.27	-	71.33	-	-	-	-	-	-	-	-	-	0	0	0	249.96	
OK	Other Public Authority Total		81	201,029	19,752.18	1,682.34	-	14,325.36	(7.21)	-	-	-	-	-	-	-	-	0	0	0	35,752.67	
OK	OK Total		4,766	19,451,552	1,088,014.65	72,368.28	24,717.64	936,196.25	(569.10)	-	-	-	-	-	-	-	-	0	0	0	2,134,732.42	
OK	Grand Total		181,575	438,608,907	49,929,265.98	2,798,807.91	1,293,861.55	8,144,171.96	54,256.98	50,341.62	34,899.04	266,367.35	(569.10)	24,990.59	86,695.55	55,971.60	-	(63,870.76)	305,230.51	26,962.01	(1,301.64)	340,844.88

Electric Revenue Summary by Rate
Total Company Electric
October 31, 2022

Revenue Class	Plan_Desc	Values																	Total Revenue						
		Customers	KWHs	Usage	Customer Charge	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFdty	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts		TDC	CSPP Rdr	Cogen Chg Amt	EnergyEffInvestCost	TCRExcessADIT	
Residential	NEB-Optional Net Billing	16	2,397	(45.39)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	(45.39)	
	NM-Net Metering	-	16,112	(1,296.05)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	(1,296.05)	
	PL-Private Lighting	144	424,922	157,524.17	-	858.42	9,592.92	21.77	24.95	81.16	26.47	23.15	36.43	-	-	-	-	(147.18)	129.00	0	0	0	0	168,171.26	
	RGL-Residential Pilot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	-	
	RG-Residential	13,077	10,501,117	797,379.85	170,518.98	54,487.85	519,680.16	15,509.23	14,826.78	7,037.03	-	3,871.06	8,493.83	3.28	16,988.22	-	-	-	(18,549.60)	77,792.24	0	0	10.27	0	1,668,049.18
	RG-Residential Water Heat	719	697,189	42,427.99	10,331.24	2,900.07	37,490.43	-	-	1,123.67	-	-	-	-	-	-	-	-	-	12,469.91	0	0	0	0	106,743.31
	RH-Residential Total Elec	2,837	2,839,521	181,451.86	40,309.50	7,004.30	162,651.20	-	-	3,040.35	-	1,603.47	-	-	-	-	-	-	-	32,866.11	0	0	0	0	428,926.79
	NS-RS Residential	136,531	110,088,411	14,469,015.04	1,782,768.17	546,662.12	1,427,900.64	-	-	-	-	-	-	-	30,819.20	-	-	-	-	-	4289.05	-587.33	95779.75	0	18,356,646.64
	TC-RG Time Choice	58	-	-	5.21	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	5.33
	Residential Total	153,382	124,569,669	15,646,457.47	2,003,933.10	611,912.88	2,157,315.35	15,531.00	14,851.73	11,282.21	26.47	5,497.68	8,530.26	30,822.48	16,988.22	-	-	-	(18,696.78)	123,257.26	4289.05	-587.33	95790.02	0	20,727,201.07
Commercial	CB-Commercial	2,465	3,622,933	318,535.64	47,262.60	14,029.15	183,265.80	4,500.74	4,476.80	2,263.75	-	1,365.74	2,656.20	1.77	4,692.24	-	-	(5,737.57)	20,167.52	0	0	8.24	0	597,488.62	
	GP-General Power	195	5,512,720	416,734.88	3,686.70	1,077.09	290,318.17	4,828.80	4,161.15	3,938.41	669.34	1,983.18	3,593.55	-	4,502.03	-	-	(5,350.86)	22,977.83	0	0	0	0	752,580.27	
	LP-Large Power	9	11,351,184	1,040,593.73	2,551.95	1,941.89	144,500.58	-	-	-	42,246.38	-	-	-	1,410.97	-	-	-	-	0	0	6550.94	0	0	1,239,796.44
	LS-Special Lighting	64	61,066	9,234.58	-	80.28	1,361.52	2.48	7.81	11.78	-	3.23	3.85	13.21	-	-	-	(22.92)	6.69	0	0	3.44	0	0	10,705.95
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	
	NM-Net Metering	-	9,747	(771.38)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	(771.38)
	PL-Private Lighting	124	731,100	230,970.81	-	2,890.96	14,608.54	38.71	40.50	88.66	578.89	30.48	60.76	0.21	-	-	-	(208.54)	144.71	0	0	0	0	0	249,244.69
	PT-Transmission	1	1,756,800	93,209.80	-	-	123,033.97	-	-	-	-	4,665.22	(35.14)	-	-	-	-	-	-	0	0	0	0	0	220,873.85
	RB-Residential	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
	SH-Small Heating	97	143,353	9,980.89	1,949.86	670.81	7,845.84	-	-	234.99	-	-	-	-	0.03	-	-	-	-	2,380.86	0	0	0.13	0	23,063.41
	TEB-Total Electric Bldg	68	1,044,301	82,628.60	1,896.64	305.88	61,533.29	-	-	937.48	-	637.66	-	-	-	-	-	-	-	8,037.27	0	0	0	0	155,976.82
	NS-GS General Service	20,248	29,345,436	3,810,787.97	485,023.42	136,980.80	380,506.61	-	-	-	55.90	-	-	-	8,170.30	-	-	-	-	52.52	-213.16	37942.78	0	0	4,859,307.14
	NS-SP Small Primary	32	3,042,831	310,934.47	2,209.79	3,712.04	39,465.50	-	-	-	9,691.35	-	-	-	710.40	-	-	-	-	23476.01	0	0	3298.19	0	393,497.75
	NS-LG Large General Serv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
	NS-SP Small Primary TEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
	NS-LG Large General	2,392	68,961,310	7,626,277.27	165,967.69	110,595.29	894,428.40	-	-	-	1,246.17	-	-	18,253.16	-	-	-	-	-	0	-372.27	84748.15	0	0	8,901,143.86
	TC-GS Time Choice	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
	Commercial Total	25,706	125,582,781	13,949,117.26	710,548.65	272,284.19	2,140,868.22	9,370.73	8,866.26	6,935.07	59,153.25	3,985.15	6,314.36	28,560.05	9,194.27	-	-	(11,319.89)	53,714.88	23528.53	-585.43	132551.87	0	17,402,907.42	
	Industrial	CB-Commercial	10	30,628	2,451.25	196.86	94.59	1,650.77	5.29	5.26	47.92	-	3.15	-	5.52	-	-	-	(7.31)	426.92	0	0	0	0	0
GP-General Power		36	2,220,579	161,798.58	304.35	460.01	116,372.60	2,184.89	1,915.69	1,866.12	5,147.68	383.99	1,625.96	-	2,072.65	-	-	(2,239.97)	15,411.73	0	0	0	0	0	307,304.28
LP-Large Power		35	55,973,204	5,597,048.48	9,924.25	960.00	712,538.89	-	-	-	62,999.82	-	-	-	3,065.66	-	-	-	-	0	0	18429.78	0	0	6,404,966.88
NM-Net Metering		-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-
PFM-Feed Mill/Grain Elev		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
PL-Private Lighting		1	51,496	13,423.40	-	392.88	1,456.21	8.46	8.77	20.35	395.21	0.65	3.53	-	-	-	-	(30.51)	33.35	0	0	0	0	0	15,712.30
PT-Transmission		12	11,909,424	615,565.15	873.45	150.00	645,314.20	15,662.33	16,604.26	6,409.20	24,205.33	718.52	2,290.18	-	18,537.68	-	-	-	(20,072.76)	38,784.58	0	0	0	0	1,365,042.12
SH-Small Heating		2	1,118	81.54	40.00	-	61.22	-	-	1.83	-	-	-	-	-	-	-	-	-	18.58	0	0	0	0	203.17
TEB-Total Electric Bldg		2	10,400	875.84	-	-	569.51	-	-	17.06	-	-	-	-	-	-	-	-	-	146.22	0	0	0	0	1,608.63
NS-GS General Service		75	233,928	29,880.85	1,797.75	1,304.59	3,034.08	-	-	-	357.62	-	-	-	63.72	-	-	-	-	0	0	296.03	0	0	36,734.64
NS-SP Small Primary		23	5,429,458	589,419.37	1,598.27	7,001.00	70,420.07	-	-	-	15,266.53	-	-	-	774.65	-	-	-	-	0	0	3596.49	0	0	688,076.38
NS-LG Large General Serv		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
NS-SP Small Primary TEB		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
TS-Transmission		1	5,842,338	437,440.99	-	-	74,372.96	-	-	-	72.00	-	-	-	-	-	-	-	-	0	0	0	0	0	511,885.95
NS-LG Large General		132	10,412,044	1,090,492.55	9,019.83	(1,372.43)	135,044.21	-	-	-	130.73	-	-	2,447.57	-	-	-	-	-	0	0	11363.68	0	0	1,247,126.14
Industrial Total		329	92,114,618	8,538,478.00	23,754.76	8,990.64	1,760,834.72	17,860.97	18,533.98	8,362.48	108,574.92	1,103.16	3,922.82	6,351.60	20,615.85	-	-	(22,350.55)	54,821.38	0	0	33685.98	0	10,583,540.71	
Muni Street & Highway Lighting	CB-Commercial	81	21,731	1,904.57	1,512.01	-	1,035.22	33.45	33.28	18.85	-	1.82	19.95	-	34.88	-	-	(60.22)	167.96	0	0	0	0	0	4,701.77
	GP-General Power	1	17,280	1,095.57	-	-	946.25	-	-	28.34	-	-	-	-	-	-	-	-	147.16	0	0	0	0	0	2,217.32
	LS-Special Lighting	94	32,167	6,308.49	-	-	528.57	2.55	8.05	1.87	-	0.32	3.97	7.83	-	-	-	(39.25)	1.07	0	0	0.05	0	0	6,823.52
	MS-Miscellaneous	2	11,295	1,207.66	41.96	-	146.50	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	1,396.12
	PL-Private Lighting	1	8,660	2,414.10	-	-	157.22	0.73	0.74	0.69	-	0.20	1.11	-	-	-	-	-	(3.78)	1.11	0	0	0	0	2,572.12
	SH-Small Heating	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-
	SPL-Municipal St Lighting	7																							

Electric Revenue Summary by Rate
Total Company Electric by State
October 31, 2022

St	Revenue Class	Plan Description	Customers	KWHs	Usage	Customer Charge	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcty	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	CSPP Rdr	Cogen Chg Amt	EnergyEffInvestCost	TCRExcessADIT	Total Revenue
AR	Residential	NM-Net Metering	-	7,773	(587.47)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	(587.47)
AR		PL-Private Lighting	6	16,037	2,591.94	-	6.85	578.10	21.77	24.95	-	-	-	36.43	-	-	-	-	(147.18)	-	0	0	0	0	3,112.86
AR		RG-Residential	4,547	3,863,849	291,586.62	49,945.02	16,766.15	136,436.69	15,509.23	14,826.78	-	-	-	8,493.83	-	16,988.22	-	-	(18,549.60)	-	0	0	0	0	532,602.94
AR	Residential Total		4,553	3,887,659	293,991.09	49,945.02	16,773.00	137,014.79	15,531.00	14,851.73	-	-	-	8,530.26	-	16,988.22	-	-	(18,696.78)	-	0	0	0	0	534,528.33
AR	Commercial	CB-Commercial	642	1,197,019	95,481.78	9,215.57	4,127.96	43,068.92	4,500.74	4,476.80	-	-	-	2,656.20	-	4,692.24	-	-	(5,737.57)	-	0	0	0	0	162,482.64
AR		GP-General Power	61	1,604,258	106,304.45	3,686.70	352.09	57,721.19	4,828.80	4,161.15	-	6.00	-	3,593.55	-	4,502.03	-	-	(5,350.86)	-	0	0	0	0	179,805.10
AR		LS-Special Lighting	3	1,720	205.21	-	-	61.89	2.48	7.81	-	-	-	3.85	-	-	-	-	(22.92)	-	0	0	0	0	258.32
AR		PL-Private Lighting	2	27,967	3,768.89	-	41.22	974.06	39.71	40.50	-	-	-	60.76	-	-	-	-	(208.54)	-	0	0	0	0	4,715.60
AR	Commercial Total		708	2,830,064	205,760.33	12,902.27	4,521.27	101,826.06	9,370.73	8,686.26	-	6.00	-	6,314.36	-	9,194.27	-	-	(11,319.89)	-	0	0	0	0	347,261.66
AR	Industrial	CB-Commercial	1	1,407	118.79	14.35	7.83	50.62	5.29	5.26	-	-	-	3.15	-	5.52	-	-	(7.31)	-	0	0	0	0	203.50
AR		GP-General Power	5	725,875	45,690.80	304.35	100.00	26,116.98	2,184.89	1,915.69	-	3,101.85	-	1,625.96	-	2,072.65	-	-	(2,239.97)	-	0	0	0	0	80,873.20
AR		PL-Private Lighting	-	5,882	522.32	-	8.77	211.64	8.46	8.77	-	395.21	-	3.53	-	-	-	-	(30.51)	-	0	0	0	0	11,281.19
AR		PT-Transmission	3	6,142,092	326,577.86	873.45	100.00	220,992.47	15,662.33	16,604.26	-	-	-	2,290.18	-	7,665.09	-	-	(20,072.76)	-	0	0	0	0	589,230.56
AR	Industrial Total		9	6,875,256	372,909.77	1,192.15	216.60	247,371.71	17,860.97	18,533.98	-	11,162.15	-	3,922.82	-	20,615.85	-	-	(22,350.55)	-	0	0	0	0	671,435.45
AR	Muni Street & Highway Lighting	CB-Commercial	24	8,898	752.31	344.40	-	320.16	33.45	33.28	-	-	-	19.95	-	34.88	-	-	(60.22)	-	0	0	0	0	1,478.21
AR		LS-Special Lighting	6	1,775	351.37	-	-	63.87	2.55	8.05	-	-	-	3.97	-	-	-	-	(39.25)	-	0	0	0	0	390.56
AR		PL-Private Lighting	-	499	64.53	-	-	17.96	0.73	0.74	-	-	-	1.11	-	-	-	-	(3.78)	-	0	0	0	0	81.29
AR		SPL-Municipal St Lighting	-	56,097	2,207.79	-	-	2,018.38	80.77	90.87	-	1,739.34	-	125.65	-	-	-	-	(135.33)	-	0	0	0	0	6,127.47
AR	Muni Street & Highway Lighting Total		30	67,269	3,376.00	344.40	-	2,420.37	117.50	132.94	-	1,739.34	-	150.68	-	34.88	-	-	(238.58)	-	0	0	0	0	8,077.53
AR	Other Public Authority	CB-Commercial	77	84,824	7,030.30	1,104.95	-	3,051.95	318.90	317.25	-	-	-	190.01	-	332.52	-	-	(446.63)	-	0	0	0	0	11,899.25
AR		GP-General Power	5	426,075	21,858.57	304.35	-	15,330.18	1,282.48	662.13	-	-	-	954.41	-	716.38	-	-	(1,079.33)	-	0	0	0	0	40,029.17
AR		PL-Private Lighting	-	65	8.11	-	-	2.34	0.09	0.10	-	-	-	0.15	-	-	-	-	(0.47)	-	0	0	0	0	10.32
AR	Other Public Authority Total		82	510,964	28,896.98	1,409.30	-	18,384.47	1,601.47	979.48	-	-	-	1,144.57	-	1,048.90	-	-	(1,526.43)	-	0	0	0	0	51,938.74
AR	Total		5,382	14,171,012	904,534.17	65,793.14	21,510.87	507,017.40	44,481.67	43,184.39	-	12,907.49	-	20,062.69	-	47,882.12	-	-	(54,132.23)	-	0	0	0	0	1,613,241.71

Electric Revenue Summary by Rate
Total Company Electric by State
October 31, 2022

OK	Residential	PL-Private Lighting	7	33,070	8,169.22	-	-	2,114.52	-	-	-	-	-	-	-	-	-	0	0	0	0	10,306.89		
OK		RG-Residential	2,865	2,316,659	221,693.18	40,397.97	11,692.46	147,934.40	-	-	-	-	-	-	-	-	-	0	0	0	0	425,589.07		
OK		RH-Residential Total Elec	917	965,656	80,221.78	12,959.95	2,154.73	61,128.11	-	-	-	-	-	-	-	-	-	0	0	0	0	158,068.04		
OK		NEB-Optional Net Billing	16	2,397	(45.39)	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	(45.39)		
OK	Residential Total		3,805	3,317,784	310,038.79	53,357.92	13,847.19	211,177.03	-	-	-	-	-	-	-	-	-	0	0	0	0	593,918.61		
OK	Commercial	CB-Commercial	740	1,011,250	111,347.00	16,759.36	3,465.88	64,631.42	-	-	-	-	-	-	-	-	-	0	0	0	0	197,569.40		
OK		GP-General Power	68	1,836,267	153,984.04	-	-	117,522.94	-	-	-	-	-	-	-	-	-	0	0	0	0	273,490.16		
OK		LS-Special Lighting	9	4,497	504.91	-	-	287.78	-	-	-	-	-	-	-	-	-	0	0	0	0	795.92		
OK		PL-Private Lighting	6	44,089	8,967.95	-	-	2,831.99	-	-	-	-	-	-	-	-	-	0	0	0	0	11,830.42		
OK		PT-Transmission	1	1,756,800	93,209.80	-	-	123,033.97	-	-	-	-	-	-	-	-	-	0	0	0	0	220,873.85		
OK		TEB-Total Electric Bldg	33	472,340	43,524.40	1,896.64	-	30,230.21	-	-	-	-	-	-	-	-	-	0	0	0	0	76,288.91		
OK		NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	-		
OK	Commercial Total		858	5,125,242	411,538.10	18,656.00	3,465.88	338,538.31	-	-	-	-	-	-	-	-	-	0	0	0	0	780,848.66		
OK	Industrial	CB-Commercial	1	-	0.15	22.51	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	22.66		
OK		GP-General Power	5	355,544	30,715.82	-	85.01	22,755.18	-	-	-	-	-	-	-	-	-	0	0	0	0	55,985.83		
OK		PL-Private Lighting	-	1,059	306.32	-	-	68.92	-	-	-	-	-	-	-	-	-	0	0	0	0	375.89		
OK		PT-Transmission	3	1,847,289	114,767.77	-	-	122,796.50	-	-	-	-	-	-	-	-	-	0	0	0	0	244,532.01		
OK		Oil Pipe PT-Transmission	1	12,000	16,369.48	-	-	840.40	-	-	-	-	-	-	-	-	-	0	0	0	0	17,209.64		
OK	Industrial Total		10	2,215,892	162,159.54	22.51	85.01	146,461.00	-	-	-	-	-	-	-	-	-	0	0	0	0	318,126.03		
OK	Muni Street & Highway Lighting	CB-Commercial	11	1,335	384.64	247.61	-	85.44	-	-	-	-	-	-	-	-	-	0	0	0	0	519.51		
OK		LS-Special Lighting	1	440	82.28	-	-	28.16	-	-	-	-	-	-	-	-	-	0	0	0	0	110.76		
OK		PL-Private Lighting	1	290	75.10	-	-	18.55	-	-	-	-	-	-	-	-	-	0	0	0	0	93.85		
OK		SPL-Municipal St Lighting	-	36,496	4,367.25	-	-	2,600.70	-	-	-	-	-	-	-	-	-	0	0	0	0	8,011.54		
OK	Muni Street & Highway Lighting Total		13	38,561	4,709.27	247.61	-	2,732.85	-	-	-	-	-	-	-	-	-	0	0	0	0	8,735.66		
OK	Other Public Authority	CB-Commercial	73	89,110	10,215.29	1,661.99	-	5,703.15	-	-	-	-	-	-	-	-	-	0	0	0	0	17,706.51		
OK		GP-General Power	6	89,040	8,702.66	-	-	5,698.65	-	-	-	-	-	-	-	-	-	0	0	0	0	14,497.48		
OK		TEB-Total Electric Bldg	1	582	57.27	59.27	-	37.25	-	-	-	-	-	-	-	-	-	0	0	0	0	154.58		
OK	Other Public Authority Total		80	178,732	18,975.22	1,721.26	-	11,439.05	-	-	-	-	-	-	-	-	-	0	0	0	0	32,358.57		
OK	OK Total		4,766	10,876,211	907,424.92	74,005.30	17,398.08	710,348.34	-	-	-	-	-	-	-	-	-	0	0	0	0	1,739,987.53		
OK	Grand Total		181,722	353,770,908	39,374,532.17	2,795,865.10	893,187.71	6,282,433.51	44,481.67	43,184.39	27,299.23	266,529.07	10,806.29	20,062.69	67,971.08	47,882.12	-	(54,132.49)	236,125.36	27,817.58	(1,172.76)	272,377.54	-12.93	50,355,237.33

Electric Revenue Summary by Rate
Total Company Electric by State
December 31, 2022

St	Revenue Class	Plan Description	Values																													
			Sum of Cust Count	KWHS	Usage	OffPeakChg	OffPeakCredit	OnPeakChg	Customer Charge	ParticipationChg	ShoulderUsageChg	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcty	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	CSPP Rdr	Cogen Chg Amt	EnergyEffInvestCost	TCRExcessADIT	Total Revenue		
AR	Commercial	CB-Commercial	644	964,694	60,281.57	-	-	-	9,236.15	-	-	-	3,139.49	34,709.68	3,627.26	3,607.92	-	-	2,148.81	-	3,781.72	-	-	-	-	-	-	-	-	-	-	116,728.08
AR		GP-General Power	61	1,288,685	74,346.16	-	-	-	3,713.07	-	-	-	327.49	46,366.84	3,878.96	3,257.09	-	-	2,886.63	-	3,523.95	-	-	-	-	-	-	-	-	-	-	134,504.69
AR		LS-Special Lighting	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AR		PL-Private Lighting	2	28,299	3,917.96	-	-	-	-	-	-	-	42.40	1,018.41	40.49	42.36	-	-	63.51	-	-	-	-	-	-	-	-	-	-	-	-	4,911.35
AR	Commercial Total		710	2,281,678	138,545.69	-	-	-	12,949.22	-	-	3,509.38	82,094.93	7,546.71	6,907.37	-	-	5,098.95	-	7,305.67	-	-	-	-	-	-	-	-	-	-	256,144.12	
AR	Industrial	CB-Commercial	1	1,609	106.69	-	-	-	14.35	-	-	-	7.77	57.89	6.05	6.02	-	-	3.60	-	6.31	-	-	-	-	-	-	-	-	-	202.03	
AR		GP-General Power	5	685,223	37,072.82	-	-	-	304.35	-	-	-	100.00	24,654.32	2,062.52	1,741.56	-	-	1,534.91	-	1,884.26	-	-	-	-	-	-	-	-	-	-	70,636.32
AR		PL-Private Lighting	-	5,882	522.32	-	-	-	-	-	-	-	8.77	211.64	8.46	8.77	-	-	395.21	-	3.53	-	-	-	-	-	-	-	-	-	-	1,128.19
AR		PT-Transmission	3	5,138,892	206,828.58	-	-	-	873.45	-	-	-	100.00	184,897.33	13,104.17	15,091.09	-	-	7,665.09	-	2,247.17	-	-	-	-	-	-	-	-	-	-	434,923.07
AR	Industrial Total		9	5,831,606	244,530.41	-	-	-	1,192.15	-	-	216.54	209,821.18	15,181.20	16,847.44	-	-	11,162.15	-	3,789.21	-	-	-	-	-	-	-	-	-	-	506,889.61	
AR	Muni Street & Highway Light	CB-Commercial	24	4,910	364.38	-	-	-	344.40	-	-	-	176.68	18.47	18.37	-	-	10.97	-	19.25	-	-	-	-	-	-	-	-	-	-	913.60	
AR		LS-Special Lighting	6	290	208.50	-	-	-	-	-	-	-	10.44	0.42	1.32	-	-	0.64	-	-	-	-	-	-	-	-	-	-	-	-	-	198.02
AR		PL-Private Lighting	-	499	64.53	-	-	-	-	-	-	-	17.96	0.73	0.74	-	-	1.11	-	-	-	-	-	-	-	-	-	-	-	-	-	81.29
AR		SPL-Municipal St Lighting	-	69,589	2,207.79	-	-	-	-	-	-	-	2,503.80	100.21	112.73	-	-	1,739.34	-	155.88	-	-	-	-	-	-	-	-	-	-	-	6,684.42
AR	Muni Street & Highway Lighting Total		30	75,288	2,845.20	-	-	-	344.40	-	-	-	2,708.88	119.83	133.16	-	-	1,739.34	-	192.50	-	-	-	-	-	-	-	-	-	-	7,877.33	
AR	Other Public Authority	CB-Commercial	77	87,593	5,604.36	-	-	-	1,104.95	-	-	-	3,151.58	329.30	327.60	-	-	196.21	-	343.37	-	-	-	-	-	-	-	-	-	-	10,689.00	
AR		GP-General Power	5	483,693	20,360.08	-	-	-	304.35	-	-	-	17,403.27	1,455.91	710.36	-	-	1,083.48	-	768.57	-	-	-	-	-	-	-	-	-	-	-	41,079.66
AR		PL-Private Lighting	-	65	8.11	-	-	-	-	-	-	-	2.34	0.09	0.10	-	-	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	10.32
AR	Other Public Authority Total		82	571,351	25,972.55	-	-	-	1,409.30	-	-	-	20,557.19	1,785.30	1,038.06	-	-	1,279.84	-	1,111.94	-	-	-	-	-	-	-	-	-	-	51,778.98	
AR	Residential	NM-Net Metering	0	-	(168.22)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(168.22)	
AR		PL-Private Lighting	5	15,975	2,587.03	-	-	-	-	-	-	-	6.85	575.89	21.67	24.87	-	-	36.29	-	-	-	-	-	-	-	-	-	-	-	-	3,105.52
AR		RG-Residential	4,590	4,002,212	279,200.90	-	-	-	50,432.55	-	-	-	16,369.83	141,959.35	16,136.89	15,426.84	-	-	8,837.89	-	17,675.62	-	-	-	-	-	-	-	-	-	-	-
AR	Residential Total		4,595	4,020,271	281,619.71	-	-	-	50,432.55	-	-	-	16,375.68	142,535.24	16,158.56	15,451.71	-	-	8,874.18	-	17,675.62	-	-	-	-	-	-	-	-	-	-	531,089.82
AR	Total		5,426	12,780,194	693,513.56	-	-	-	66,327.62	-	-	-	20,101.60	457,717.42	40,791.60	40,377.74	-	-	12,907.49	-	44,851.37	-	-	-	-	-	-	-	-	-	1,353,779.86	

Electric Revenue Summary by Rate
Total Company Electric by State
January 31, 2023

St	Revenue Class	Plan Description	Values																													
			Sum of Cust Count	KWHs	Usage	OffPeakChg	OffPeakCredit	OnPeakChg	Customer Charge	ParticipationChg	ShoulderUsageChg	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	CSPP Rdr	Cogen Chg Amt	EnergyEffInvestCost	TCRExcessADIT	Total Revenue		
AR	Commercial	CB-Commercial	643	1,173,977	72,307.49	-	-	-	9,256.71	-	-	3,613.92	42,239.76	4,414.24	4,390.61	-	-	-	1,960.61	-	4,601.95	-	-	(4,453.10)	-	-	-	-	-	-	138,332.19	
AR		GP-General Power	61	1,300,868	68,645.77	-	-	-	3,713.07	-	-	334.10	46,805.25	3,915.60	2,816.74	-	6.00	-	2,185.44	-	3,047.54	-	-	(3,523.88)	-	-	-	-	-	-	127,945.63	
AR		LS-Special Lighting	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AR	Commercial Total		709	2,502,751	144,810.35	-	-	-	12,969.78	-	-	3,987.82	90,049.27	8,369.77	7,249.12	-	6.00	-	4,192.95	-	7,649.49	-	-	(8,187.30)	-	-	-	-	-	-	271,097.25	
AR	Industrial	CB-Commercial	1	2,602	160.42	-	-	-	14.35	-	-	11.72	93.62	9.78	9.73	-	-	-	4.37	-	10.20	-	-	(9.59)	-	-	-	-	-	-	304.60	
AR		GP-General Power	5	748,619	38,262.97	-	-	-	304.35	-	-	100.00	26,935.30	2,253.34	1,779.14	-	3,101.85	-	1,257.68	-	1,924.91	-	-	(1,878.23)	-	-	-	-	-	-	74,041.31	
AR		PL-Private Lighting	-	5,882	522.32	-	-	-	-	-	-	8.74	211.64	8.46	8.77	-	395.21	-	2.65	-	-	-	-	(30.51)	-	-	-	-	-	-	1,127.28	
AR	Industrial Total		6	756,903	38,945.71	-	-	-	318.70	-	-	108.74	27,242.56	2,271.91	1,797.61	-	3,496.97	-	1,860.63	-	1,934.11	-	-	(1,908.33)	-	-	-	-	-	-	75,473.19	
AR	Muni Street & Highway Lighting	CB-Commercial	24	5,523,995	232,514.95	-	-	-	1,192.15	-	-	220.46	198,753.34	14,427.15	15,893.48	-	11,162.15	-	3,108.67	-	17,672.28	-	-	(13,837.66)	-	-	-	-	-	-	481,106.97	
AR		LS-Special Lighting	6	6,226	449.28	-	-	-	344.40	-	-	-	224.01	23.41	23.30	-	-	-	10.48	-	24.42	-	-	(43.59)	-	-	-	-	-	-	1,055.71	
AR		PL-Private Lighting	-	190	166.80	-	-	-	6.83	-	-	-	6.83	0.27	0.85	-	-	-	0.32	-	-	-	-	(18.64)	-	-	-	-	-	-	156.43	
AR	Muni Street & Highway Lighting Total		30	80,764	2,888.40	-	-	-	344.40	-	-	2,905.90	130.75	144.53	-	1,739.34	-	177.06	-	24.42	-	-	(201.34)	-	-	-	-	-	-	-	8,153.46	
AR	Other Public Authority	CB-Commercial	77	117,475	7,327.16	-	-	-	1,104.95	-	-	4,226.76	441.75	439.32	-	-	-	-	197.37	-	460.50	-	-	(462.96)	-	-	-	-	-	-	13,734.85	
AR		GP-General Power	4	568,867	22,270.24	-	-	-	302.32	-	-	-	20,467.83	1,712.29	744.46	-	-	-	955.70	-	805.45	-	-	(1,098.74)	-	-	-	-	-	-	46,159.55	
AR		PL-Private Lighting	-	65	8.11	-	-	-	-	-	-	-	2.34	0.09	0.10	-	-	-	0.11	-	-	-	-	(0.47)	-	-	-	-	-	-	10.28	
AR	Other Public Authority Total		81	686,407	29,605.51	-	-	-	1,407.27	-	-	24,696.93	2,154.13	1,183.88	-	-	-	1,153.18	-	1,265.95	-	-	(1,562.17)	-	-	-	-	-	-	-	59,904.68	
AR	Residential	NM-Net Metering	-	1,008	(76.29)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(76.29)	
AR		PL-Private Lighting	6	15,363	2,584.61	-	-	-	-	-	-	6.84	575.45	21.65	24.85	-	-	-	26.42	-	-	-	-	(147.02)	-	-	-	-	-	-	3,092.80	
AR		RG-Residential	4,602	5,501,025	376,958.19	-	-	-	50,853.26	-	-	21,434.81	195,929.60	22,272.55	21,291.79	-	-	-	9,158.43	-	24,395.80	-	-	(23,258.82)	-	-	-	-	-	-	-	699,035.61
AR	Residential Total		4,608	5,517,996	379,466.51	-	-	-	50,853.26	-	-	21,441.65	196,505.05	22,294.20	21,316.64	-	-	-	9,184.85	-	24,395.80	-	-	(23,405.84)	-	-	-	-	-	-	-	702,052.12
AR	Total		5,437	14,311,913	789,285.72	-	-	-	66,766.86	-	-	25,649.93	512,910.49	47,376.00	45,787.65	-	-	-	12,907.49	-	17,816.71	-	-	(47,194.31)	-	-	-	-	-	-	-	1,522,314.48

Electric Revenue Summary by Rate
Total Company Electric by State
February 28, 2023

St	Revenue Class	Plan Description	Values																													
			Sum of Cust Count	KWHs	Usage	OffPeakChg	OffPeakCredit	OnPeakChg	Customer Charge	ParticipationChg	ShoulderUsageChg	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	CSPR Rdr	Cogen Chg Amt	EnergyEffInvestCost	TCRExcessADIT	Total Revenue		
AR	Commercial	CB-Commercial	641	979,763	61,201.95	-	-	-	9,196.45	-	-	3,158.98	35,251.89	3,683.95	3,664.16	-	-	-	1,639.69	-	3,840.66	-	-	(3,242.64)	-	-	-	-	-	-	-	118,395.09
AR		GP-General Power	61	1,182,075	63,812.89	-	-	-	3,713.07	-	-	322.56	42,531.09	3,558.07	2,616.40	-	6.00	-	1,985.88	-	2,830.75	-	-	(2,791.51)	-	-	-	-	-	-	-	118,585.20
AR		LS-Special Lighting	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AR		PL-Private Lighting	2	37,991	3,881.45	-	-	-	-	-	-	41.29	1,007.34	40.05	41.91	-	-	-	47.03	-	-	-	-	(120.08)	-	-	-	-	-	-	-	4,929.99
AR	Commercial Total		707	2,189,829	128,896.29	-	-	-	12,909.52	-	-	3,522.83	78,790.32	7,282.07	6,322.47	-	6.00	-	3,672.60	-	6,671.41	-	(6,163.23)	-	-	-	-	-	-	-	241,910.28	
AR	Industrial	CB-Commercial	1	1,755	114.59	-	-	-	14.35	-	-	8.36	63.14	6.60	6.56	-	-	-	2.95	-	6.88	-	-	(6.03)	-	-	-	-	-	-	-	217.40
AR		GP-General Power	5	685,867	37,487.91	-	-	-	304.35	-	-	100.00	24,677.50	2,064.46	1,832.61	-	3,101.85	-	1,152.27	-	1,982.75	-	-	(1,612.27)	-	-	-	-	-	-	-	71,091.43
AR		PL-Private Lighting	-	5,882	522.32	-	-	-	-	-	-	8.88	211.64	8.46	8.77	-	395.21	-	2.65	-	-	-	-	(26.90)	-	-	-	-	-	-	-	1,131.03
AR		PT-Transmission	3	5,460,492	194,565.06	-	-	-	873.45	-	-	100.00	196,468.50	13,924.25	14,535.74	-	7,665.09	-	1,882.94	-	16,228.31	-	-	(11,980.38)	-	-	-	-	-	-	-	434,262.96
AR	Industrial Total		9	6,153,996	232,689.88	-	-	-	1,921.15	-	-	217.24	221,420.78	16,003.77	16,383.68	-	11,162.15	-	3,040.81	-	18,217.94	-	(13,525.58)	-	-	-	-	-	-	-	506,702.82	
AR	Muni Street & Highway Light	CB-Commercial	24	4,717	352.41	-	-	-	344.40	-	-	169.73	17.73	17.63	-	-	-	7.90	-	18.50	-	-	(33.54)	-	-	-	-	-	-	-	894.76	
AR		LS-Special Lighting	6	314	250.20	-	-	-	-	-	-	11.30	0.45	1.43	-	-	-	0.54	-	-	-	-	(23.91)	-	-	-	-	-	-	-	240.01	
AR		PL-Private Lighting	-	499	64.53	-	-	-	-	-	-	17.96	0.73	0.74	-	-	-	0.84	-	-	-	-	(2.70)	-	-	-	-	-	-	-	240.10	
AR		SPL-Municipal St Lighting	-	73,114	2,208.07	-	-	-	-	-	-	2,630.66	105.29	118.45	-	1,755.06	-	122.83	-	-	-	-	(135.35)	-	-	-	-	-	-	-	6,805.01	
AR	Muni Street & Highway Lighting Total		30	78,644	2,875.21	-	-	-	344.40	-	-	2,829.65	124.20	138.25	-	1,755.06	-	132.11	-	18.50	-	(195.50)	-	-	-	-	-	-	-	8,021.88		
AR	Other Public Authority	CB-Commercial	77	106,717	6,666.24	-	-	-	1,104.95	-	-	3,839.70	401.25	399.13	-	-	-	179.29	-	418.32	-	-	(374.00)	-	-	-	-	-	-	-	12,634.88	
AR		GP-General Power	4	500,108	21,006.71	-	-	-	243.48	-	-	17,993.89	1,505.33	752.79	-	-	-	840.18	-	814.47	-	-	(894.00)	-	-	-	-	-	-	-	42,262.85	
AR		PL-Private Lighting	-	65	8.11	-	-	-	-	-	-	2.34	0.09	0.10	-	-	-	0.11	-	-	-	-	(0.20)	-	-	-	-	-	-	-	10.55	
AR	Other Public Authority Total		81	606,890	27,681.06	-	-	-	1,348.43	-	-	21,835.93	1,906.67	1,152.02	-	-	-	1,019.58	-	1,232.79	-	(1,268.20)	-	-	-	-	-	-	-	54,908.28		
AR	Residential		0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AR		NM-Net Metering	-	849	(84.07)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(84.07)
AR		PL-Private Lighting	5	16,033	2,609.30	-	-	-	-	-	-	7.09	577.97	21.77	24.96	-	-	-	36.54	-	-	-	-	(98.09)	-	-	-	-	-	-	-	3,169.54
AR		RG-Residential	4,600	4,556,525	315,542.96	-	-	-	50,873.71	-	-	18,320.13	162,146.95	18,431.80	17,621.31	-	-	-	7,571.08	-	20,189.45	-	-	(16,264.83)	-	-	-	-	-	-	-	594,432.56
AR	Residential Total		4,605	4,573,407	318,088.19	-	-	-	50,873.71	-	-	18,327.22	162,724.92	18,453.57	17,646.27	-	-	-	7,597.62	-	20,189.45	-	(16,362.92)	-	-	-	-	-	-	-	597,538.03	
AR	Total		5,432	13,602,767	710,230.63	-	-	-	66,668.21	-	-	22,067.29	487,601.60	43,770.28	41,642.69	-	-	-	12,923.21	-	46,330.09	-	(37,615.43)	-	-	-	-	-	-	-	1,409,081.29	

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As shown on the revised tariff sheet submitted in this case, the base fuel factor for the accumulation period is \$8.70.

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.

Missouri Fuel Adjustment
Interest Calculation

Accumulation Period Ending Feb 2023	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023
Fuel Cost Recovery (Over)/Under	\$ (1,593,225.21)	4,198,042.49	(5,350,596.59)	8,912,823.14	7,510,899.08	4,896,136.10
Cumulative Total - Current Period	\$ (1,593,225.21)	2,604,817.28	(2,745,779.31)	6,167,043.83	13,677,942.91	18,574,079.01
Period Ending Feb 22 Balance (Period 27)	\$ 8,824,906.61	4,808,020.01	1,122,286.62	1,122,286.62	1,122,286.62	1,122,286.62
Period Ending Aug 22 Balance (Period 28)	\$ 38,778,820.27	38,778,820.27	38,778,820.27	33,699,129.15	26,079,791.14	19,275,067.28
Total (Over)/Under Recovery Bal	\$ 46,010,501.67	\$ 46,191,657.56	\$ 37,155,327.58	\$ 40,988,459.60	\$ 40,880,020.67	\$ 38,971,432.91
EDE Short-term interest rate	3.2842%	3.9941%	4.6000%	4.9481%	4.9291%	5.0291%
Monthly Interest	\$ 125,923.07	\$ 153,745.08	\$ 142,428.76	\$ 169,012.50	\$ 167,918.09	\$ 163,325.32

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	\$ 125,923.07	\$ 153,745.08	\$ 142,428.76	\$ 169,012.50	\$ 167,918.09	\$ 163,325.32	\$ 922,352.82	
A/C 419025 Interest Income MO FAC	\$ (125,923.07)	\$ (153,745.08)	\$ (142,428.76)	\$ (169,012.50)	\$ (167,918.09)	\$ (163,325.32)		
Previously booked to 182362 Adjustment				\$ 178,148.58	\$	\$ 162,959.60	\$ 922,352.82	
				\$ (9,136.08)	\$	\$ 365.72		