

Exhibit No. 104

Exhibit No.:

*Issues: Fuel and Purchased
Power Costs*

Witness: Brooke Mastrogiannis

Sponsoring Party: MoPSC Staff

Type of Exhibit: Rebuttal Testimony

*Case Nos.: EO-2022-0040/
EO-2022-0193*

Date Testimony Prepared: May 13, 2022

MISSOURI PUBLIC SERVICE COMMISSION

INDUSTRY ANALYSIS DIVISION

ENERGY RESOURCES DEPARTMENT

REBUTTAL TESTIMONY

OF

BROOKE MASTROGIANNIS

**THE EMPIRE DISTRICT ELECTRIC COMPANY,
d/b/a LIBERTY**

CASE NOS. EO-2022-0040/EO-2022-0193

*Jefferson City, Missouri
May 2022*

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BROOKE MASTROGIANNIS
THE EMPIRE DISTRICT ELECTRIC COMPANY,
d/b/a LIBERTY
CASE NOS. EO-2022-0040/EO-2022-0193

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PRUDENCE REVIEW OF EMPIRE’S WINTER STORM URI FUEL AND PURCHASED POWER
COSTS 2

1 **PRUDENCE REVIEW OF EMPIRE’S WINTER STORM URI FUEL AND**
2 **PURCHASED POWER COSTS**

3 Q. Please provide some background on this issue.

4 A. In the Fuel Adjustment Clause (FAC) Fuel Adjustment Rate (FAR) filing for
5 Accumulation Period (AP) 25, Case No. ER-2021-0332, covering the six-month period of
6 September 2020 through February 2021, Liberty requested to defer \$168,720,211 of
7 extraordinary costs associated with the February 2021 cold weather event (Winter Storm Uri).
8 In that case, Company witness Charlotte T. Emery’s direct testimony explained that Winter
9 Storm Uri caused record snowfall and extremely cold temperatures, which affected market
10 prices of fuel and fuel availability. Ms. Emery further stated that natural gas and market prices
11 rose to unprecedented levels, much higher than budgeted levels, and Liberty actually incurred
12 an average energy cost of \$99.24/MWh, which was about 324.5 percent more than the current
13 base factor of \$23.38/MWh.¹

14 The requested deferral of costs was Liberty’s effort to prevent charging customers a
15 substantial rate increase by deferring high costs that would have been included in the FAR
16 filing for AP 25, and instead include the high costs for consideration in a subsequent Liberty
17 general rate case, or other type of application. Potential recovery of the deferred costs
18 through a different means than through a Liberty FAR filing would allow the opportunity to
19 “spread” recovery of the costs out over a longer period than otherwise would be possible using
20 the standard FAR methodology.

21 The requested deferral of costs was also pursuant to Commission Rule 20 CSR 4240-
22 20.090(8)(A)2.A.(XI) which directs that tariff sheet(s) filed to change fuel adjustment rates

¹ Charlotte T. Emery’s Direct Testimony page 10, filed April 1, 2021 (Case No. ER-2021-0332, EFIS Item 3 Public Version); Schedule BMM r-3.

1 include certain information, including, “For the period of historical costs which are being
2 used to propose the fuel adjustment rates... Extraordinary costs not to be passed through, if any,
3 due to such costs being an insured loss, or subject to reduction due to litigation or for any
4 other reason.”

5 In the two subsequent FAC FAR filings for AP26 and AP27, Liberty requested to defer
6 additional extraordinary costs and net credits associated with Winter Storm Uri to this
7 securitization case proceeding. During AP26, Liberty deferred \$23,644,805 of additional
8 extraordinary costs, and during AP27 Liberty deferred \$8,632,928 of net credits.

9 In total, Liberty has requested in this securitization docket recovery of \$193,402,197.90
10 of deferred fuel and purchased power costs, which is 100% of the Winter Storm Uri costs and
11 does not reflect an exclusion of 5% of the fuel and purchased power costs normally made in
12 FAC proceedings, as discussed further below.

13 Q. Can you describe the total energy costs (TEC) and the components that were
14 included as part of the deferred fuel and purchased power costs to be securitized?

15 A. Liberty’s FAC TEC includes three components of costs: fuel costs, costs of
16 purchased power and net emission allowance costs; and two components of revenue: off-system
17 sales revenues, and renewable energy credit (REC) revenues. Although Staff reviewed all
18 components of the TEC during this proceeding, the three major components that impacted the
19 Winter Storm Uri net costs were fuel, purchased power, and off-system sales.

20 Fuel costs are tracked in Uniform System of Accounts (USOA) accounts 501, 506, and
21 547. USOA account 501 reflects the production of steam for the generation of electricity, which
22 are comprised of coal and natural gas generation units, and also fuel oil; account 506, which
23 are expenses associated with air quality control system (AQCS) materials used to reduce

1 emissions as a result of burning fossil fuels in Liberty's generation facilities; and account 547,
2 the natural gas generation facilities using combustion turbine generators and combined cycle
3 units, which are used as peaking units and generally used when demand for electricity increases
4 to a point baseload units cannot meet the demand.

5 Purchased power costs are tracked in USOA account 555. USOA account 555 reflects
6 purchased power costs for long-term purchased power agreements (PPAs), and purchased
7 power costs for purchases of energy from the Southwest Power Pool (SPP) market to serve
8 native load.

9 Off-System Sales Revenues (OSSR) are tracked in USOA account 447. USOA account
10 447 reflects revenues from Liberty's sales of energy from its generation resources into the
11 SPP market.

12 Q. Please describe the work conducted by Staff regarding this application within
13 the scope of the Energy Resources Department?

14 A. Staff analyzed, reviewed, and was able to reconcile the TEC based on the
15 transactions in the FERC accounts related to the calculation of the TEC from three different
16 sources: the general ledger, the monthly reports, and the FAR work papers provided by Liberty.
17 Within the fuel accounts, Staff reviewed the short and long term coal purchase contracts, rail
18 transportation contracts, the advanced procurement plan, and the energy risk management
19 policy. Staff also reviewed fuel invoices for the month of February 2021, including invoices
20 supporting purchases of coal, oil, natural gas, and freight. Within the purchased power costs,
21 Staff reviewed the long-term PPA contracts, the gains and losses from those contracts, and all
22 other SPP related costs.

1 In addition to this review, Staff reviewed additional information during the course of
2 this proceeding, for Winter Storm Uri and the February 2021 net costs. This review included
3 natural gas imbalances, Southern Star's Operational Flow Order (OFO) penalty waiver
4 requests, and the findings identified in the Utilicast report provided within Liberty witness
5 John Olsen's direct testimony. Staff was also able to analyze, review, and reconcile all SPP
6 resettlements to the amounts actually received in the FAR workpapers provided, as well as
7 review the dispute appeals process and appeal attempts made. Staff also reviewed the
8 Company's fuel procurement activities during Winter Storm Uri.

9 Q. Are there individual Staff witnesses that worked on each part of this review?

10 A. Yes. Staff expert Lisa Wildhaber reviewed all of the fuel costs, while I reviewed
11 all of the purchased power costs and off-system sales revenues. We both collectively reviewed
12 the additional items noted above such as the natural gas imbalances, Southern Star OFO penalty
13 waivers, SPP disputed claims and resettlements received, and the Utilicast report. Staff expert
14 Jordan Hull had a separate review of generation units and generation-related issues, and that is
15 described further in his rebuttal testimony.

16 Q. Are you proposing any disallowances related to the Company's proposed
17 securitized fuel and purchased power costs?

18 A. Yes. I am proposing a disallowance of \$9,670,109.89, which is 5% of the
19 Company's proposed securitized fuel and purchased power costs.

20 Q. Please explain Staff's proposed disallowance of \$9,670,109.89, and the 95%/5%
21 sharing mechanism of the FAC.

22 A. The FAC requires Liberty to accumulate its total energy costs over a six month
23 accumulation period, followed by a six month recovery period during which ninety-five percent

1 (95%) of the over- or under-recovery of Total Energy Costs over or under the Base Energy
2 Costs is either returned to or collected from customers. This mechanism allows the Company
3 to retain 5% of any over-collected amounts and requires the Company to absorb 5% of any
4 under-collected amounts for each accumulation period. Liberty is seeking to recover
5 \$193,402,197.90 in total deferred fuel and purchased power costs, and \$9,670,109.89 is 5% of
6 that total.

7 Q. Please explain how long the 95%/5% sharing mechanism has been in place for
8 Liberty.

9 A. The Commission first authorized a FAC for Liberty in the Company's 2008
10 general rate case (Case No. ER-2008-0093)². Since then, the Commission has approved
11 continuation of Liberty's FAC with modifications in its orders in Liberty's subsequent
12 rate cases, Case Nos. ER-2010-0130, ER-2011-0004, ER-2012-0345, ER-2014-0351,
13 ER-2016-0023, ER-2019-0374, and ER-2021-0312. Every case since the inception of the FAC
14 in the 2008 general rate case, has included a 95%/5% sharing mechanism.

15 Q. In Case No. ER-2019-0374, the case under which the FAC tariffs were in effect
16 for the Winter Storm Uri time period, what was the Company's position on the FAC sharing
17 mechanism?

² In that case, the Commission stated in its *Report and Order*, filed on July 30, 2008: "Empire's fuel adjustment charge shall include an incentive clause providing that 95 percent of any deviation in fuel and purchased power costs from the base level agreed to by the parties shall be passed to customers and 5 percent shall be retained by Empire. This incentive clause will give Empire a sufficient opportunity to earn a fair return on equity as required by Section 386.266 and the Hope and Bluefield decisions. At the same time, it will protect Empire's customers by giving the company an incentive to be prudent in its decisions by not allowing all costs to simply be passed through to customers."

1 A. The Company proposed continuation of its FAC, and to include the current
2 95%/5% sharing mechanism.³ Which again, is ultimately what the Commission has approved
3 in every case since ER-2008-0093.

4 The Commission's *Amended Report and Order* from ER-2019-0374 stated, "The
5 Commission has found on several occasions, and finds here that the 95/5 sharing ratio provides
6 Empire sufficient incentive to operate at optimal efficiency and still provides an opportunity for
7 Empire to earn a fair return on its investment."

8 Q. According to the statute, how can this sharing mechanism be changed?

9 A. In RSMo, 386.266.5 it states, "The Commission shall have the power to approve,
10 modify, or reject adjustment mechanisms submitted under subsections 1 to 4 of this section
11 only after providing the opportunity for a full hearing in a general rate case proceeding,
12 including a general rate proceeding initiated by compliant."

13 Q. Is this a general rate proceeding as referred to in the statute?

14 A. No. This is a securitization case, another mechanism used to recover the
15 extraordinary costs of fuel and purchased power costs, which are traditionally recovered in the
16 FAC mechanism.

17 Q. Why should Winter Storm Uri costs be treated the same as if they were being
18 flowed through an FAC proceeding since Liberty is seeking recovery under a different recovery
19 mechanism?

20 A. As recognized in Liberty witness Karen Hall's direct testimony, one way the
21 Company would be recovering these costs if they were not securitized, would be through the

³ ER-2019-0374, Tarter Direct Testimony, pg. 3, ln 4-5.

1 FAC, which is the mechanism the Company “[t]ypically” uses to recover fuel and related costs
2 it incurs on behalf of its customers.⁴ However, Staff points out that the FAC mechanism is what
3 the Company is required to use to recover fuel and related costs once the FAC has been
4 established and approved by the commission in a general rate proceeding.⁵ Under the FAC
5 mechanism, the Company may defer extraordinary costs, but the FAC mechanism does not
6 authorize recovery of 100% of those extraordinary costs. The Company removed these costs
7 from the FAC and sought recovery of them in this securitization case because recovering the
8 entirety of the extraordinary costs that the Company incurred during Winter Storm Uri would
9 create extreme customer rate impacts, a circumstance often referred to as “rate shock”⁶.
10 However, the fuel and purchased power costs the Company removed from the FAC and is
11 seeking recovery in this securitization case, are the same fuel and purchased power costs that
12 would have otherwise been recovered through the FAC. Liberty’s proposal to securitize 100%
13 of the extraordinary costs of fuel and purchased power costs contradicts the FAC and the
14 95%/5% sharing mechanism that is required to be applied to fuel and purchased power costs. It
15 also causes additional harm to customers in this case that otherwise would not occur through
16 the FAC and the 95%/5% sharing mechanism. Therefore, it is Staff’s position that since the
17 standard recovery of fuel and purchased power costs through the FAC would have required
18 the Company to absorb the 5% portion of these under-collected costs, 5%, or \$9,670,109.89

⁴ EO-2022-0040, Hall Direct Testimony, pg. 8, lines 17-18.

⁵ Commission Rule 20 CSR 4240-20.090(2) states: “An electric utility may only file a request with the commission to establish, continue, or modify a RAM in a general rate proceeding and must rebase base energy costs in each general rate proceeding in which the FAC is continued and modified. Any party in a general rate proceeding may seek to continue, modify, or oppose the RAM. The commission shall approve, modify, or reject such request only after providing the opportunity for a full hearing in a general rate proceeding. The commission shall consider all relevant factors that may affect the costs or overall rates and charges of the petitioning electric utility. The deferral of extraordinary costs through the FAC is authorized by 20 CSR 4240-2.090(8)(A)2.A.(XI).

⁶ EO-2022-0040, DeCoursey Direct Testimony, pg. 5, lines 4-6.

Rebuttal Testimony of
Brooke Mastrogiannis

1 in this case, should not be allowed to be recovered by the Company as part of the total
2 securitized costs.

3 Q. Do any other Staff witnesses address the issue of the 95/5 split of fuel and
4 purchased power costs in rebuttal testimony in this proceeding?

5 A. Yes. Staff witness Kimberly K. Bolin of the Financial and Business Analysis
6 Division also addresses this issue.

7 Q. What is Staff's recommendation in this case regarding the 95%/5% sharing
8 mechanism of total deferred fuel and purchased power costs?

9 A. Staff recommends the Commission Order Liberty to remove the 5% portion of
10 the total deferred fuel and purchased power costs they are seeking to recover as part of its total
11 securitized costs, which is \$9,670,109.89.

12 Q. Does this conclude your rebuttal testimony?

13 A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of the Petition of The Empire)
District Electric Company d/b/a Liberty to) Case No. E0-2022-0040
Obtain a Financing Order that Authorizes the)
Issuance of Securitized Utility Tariff Bonds)
for Qualified Extraordinary Costs)

In the Matter of the Petition of The Empire)
District Electric Company d/b/a Liberty to)
Obtain a Financing Order that Authorizes the) Case No. EO-2022-0193
Issuance of Securitized Utility Tariff Bonds)
for Energy Transition Costs Related to the)
Asbury Plant)

AFFIDAVIT OF BROOKE MASTROGIANNIS

STATE OF MISSOURI)
) ss.
COUNTY OF COLE)

COMES NOW BROOKE MASTROGIANNIS and on her oath declares that she is of sound mind and lawful age; that she contributed to the foregoing *Rebuttal Testimony of Brooke Mastrogiannis*; and that the same is true and correct according to her best knowledge and belief.

Further the Affiant sayeth not.

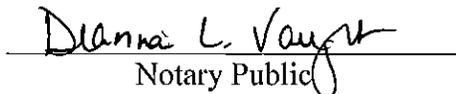


BROOKE MASTROGIANNIS

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 11th day of May, 2022.

DIANNA L. VAUGHT
Notary Public - Notary Seal
State of Missouri
Commissioned for Cole County
My Commission Expires: July 18, 2023
Commission Number: 15207377



Notary Public

Brooke Mastrogiannis

Education and Employment Background

I am a Utility Regulatory Audit Supervisor in the Energy Resources Department of the Missouri Public Service Commission. I have been employed by the Missouri Public Service Commission since May 2014. I previously was a Utility Regulatory Auditor in the Auditing Unit of the Utility Services Department, and a Utility Management Analyst in the Consumer and Management Analysis Unit.

I received a Bachelor of Science degree in Accounting from Lincoln University, in Jefferson City, MO in May of 2012. I then continued to further my education and received my Masters of Business Administration with an emphasis in Accounting in December 2013. In earning these degree's I completed numerous core Accounting and Business classes.

Prior to joining the Commission, I was employed by the State of Missouri - Department of Natural Resources from June 2013 to May 2014 as an Accounting Specialist. My duties entailed: reviewing and monitoring expense account forms to ensure employees followed correct procedures, prepared and set up project and job codes so they could be coded correctly on employee's time sheets, analyzed and prepared necessary cash draws, and also prepared financial information or reports to facilitate budget information and execution.

Brooke Mastrogiannis- Case Participation

Utility Regulatory Audit Supervisor

Company Name	Case Number	Testimony/Issues
The Empire District Electric Company	ER-2014-0351	January 2015 Cost of Service Report- Plant in Service, Depreciation Reserve, Prepayments, Materials and Supplies, Customer Deposits, Customer Deposit Interest, Customer Advances, Amortization of Electric Plant, Amortization of PeopleSoft Intangible Asset, Corporate Franchise Taxes, Depreciation Expense, Amortization Expense, Dues and Donations, EEI Dues, Advertising Expense, Outside Services, and Postage.
Seges Partners Mobile Home Park L.L.C.	SR-2015-0106	January 2015 Staff Report- Rate Base, Revenues, Purchased Sewer Costs, Payroll and Payroll Taxes, Management Fee, Postage, Telephone Expense, Maintenance Expense, Insurance, Outside Services, PSC Assessment, and Rate Case Expense
The Empire District Electric Company	ER-2014-0351	March 2015 Surrebuttal Testimony- Advertising Expense, Customer Advances, and EEI Dues.
Ozark International, Inc.	WR-2015-0192	September 2015 Staff Report- Payroll, Telephone and Cell Phone Expense, Auto Expense, Insurance Expense, Bank Service Charges, Customer Deposits, Customer Deposit Interest, PSC Assessment, Revenues, Miscellaneous Income, Contract Labor, General Maintenance Expense, Electric Expense, Returned Check Fees, Outside Services, Dues and Subscriptions, and Credit Card Fees
Hillcrest Utility Operating Company, Inc.	WR-2016-0064	March 2016 Staff Report- Customer Service and Business Operations Review
Cannon Home Association	SR-2016-0112	April 2016 Staff Report- Customer Service and Business Operations Review
Roy-L Utilities, Inc.	WR-2016-0109	May 2016 Staff Report- Customer Service and Business Operations Review
Raccoon Creek Utility Operating Company, Inc.	SR-2016-0202	August 2016 Staff Report- Customer Service and Business Operations Review
Raccoon Creek Utility Operating Company, Inc.	SR-2016-0202	October 2016 Rebuttal Testimony- Collection of Bad Debt

continued, Brooke Mastrogiannis

Company Name	Case Number	Testimony/Issues
Kansas City Power and Light Company	EO-2016-0124	January 2017 Management Audit Report- Employee Expense Account Process and Internal Audit Activities
Terre Du Lac Utilities Corporation	WR-2017-0110	April 2017 Staff Report- Customer Service and Business Operations Review
Indian Hills Utility Operating Company, Inc.	WR-2017-0259	July 2017 Staff Report- Customer Service and Business Operations Review
Spire Missouri, Inc.	GR-2017-0215	December 2017 Rebuttal Testimony- Performance Metrics Incentive Proposal
Ameren Missouri	EO-2018-0155	April 2018 Staff Report- First MEEIA Cycle 2 Prudence Review
Liberty Utilities LLC	WR-2018-0170	April 2018 Staff Report- Normalized and Annualized Revenues, Miscellaneous Revenues, Bad Debt Expense, Outside Services/Contract Maintenance, DNR Fees, Meter Reading Expense, Transportation Expense, and Property Taxes
KCPL Greater Missouri Operations	ER-2018-0146	June 2018 Direct Testimony- Fuel Adjustment Clause Rebuttal Testimony- Fuel Adjustment Clause and Renewable Energy Rider Surrebuttal Testimony- Fuel Adjustment Clause
The Empire District Electric Company	EO-2018-0244	September 2018 Staff Report- Fuel Adjustment Clause Prudence Review
KCPL	EO-2018-0363	November 2018 Staff Report- First MEEIA Cycle 2 Prudence Review
KCPL Greater Missouri Operations	EO-2018-0364	November 2018 Staff Report- First MEEIA Cycle 2 Prudence Review
KCPL	EO-2019-0068	February 2019 Staff Report- Fuel Adjustment Clause Prudence Review
KCPL Greater Missouri Operations	EO-2019-0067	February 2019 Staff Report- Fuel Adjustment Clause Prudence Review
Ameren Missouri	EO-2019-0257	August 2019 Staff Report- Fuel Adjustment Clause Prudence Review

continued, Brooke Mastrogiannis

Company Name	Case Number	Testimony/Issues
Ameren Missouri	EO-2019-0376	October 2019 Staff Report- Second MEEIA Cycle 2 Prudence Review
The Empire District Electric Company	EO-2020-0059	February 2020 Staff Report- Fuel Adjustment Clause Prudence Review
The Empire District Electric Company	ER-2019-0374	January 2020 Direct Testimony- Fuel Adjustment Clause Rebuttal Testimony- Fuel Adjustment Clause Surrebuttal Testimony- Fuel Adjustment Clause
Evergy Missouri Metro	EO-2020-0227	June 2020 Staff Report- Second MEEIA Cycle 2 Prudence Review
Evergy Missouri West	EO-2020-0228	June 2020 Staff Report- Second MEEIA Cycle 2 Prudence Review
Evergy Missouri West	EO-2020-0262	August 2020 Staff Report- Fuel Adjustment Clause Prudence Review
Evergy Missouri Metro	EO-2020-0263	August 2020 Staff Report- Fuel Adjustment Clause Prudence Review
Ameren Missouri	EO-2021-0060	February 2021 Staff Report- Fuel Adjustment Clause Prudence Review
Ameren Missouri	EO-2021-0157	May 2021 Staff Report- First MEEIA Cycle 3 Prudence Review
The Empire District Electric Company	EO-2021-0281	August 2021 Staff Report- Fuel Adjustment Clause Prudence Review
Ameren Missouri	ER-2021-0240	September 2021 Direct Testimony- Fuel Adjustment Clause Rebuttal Testimony- Fuel Adjustment Clause Surrebuttal Testimony- Fuel Adjustment Clause
Evergy Missouri West	EO-2021-0416	October 2021 Staff Report- First MEEIA Cycle 3 Prudence Review
Evergy Missouri Metro	EO-2021-0417	October 2021 Staff Report- First MEEIA Cycle 3 Prudence Review
The Empire District Electric Company	ER-2021-0312	October 2021 Direct Testimony- Fuel Adjustment Clause Rebuttal Testimony- Fuel Adjustment Clause Surrebuttal Testimony- Fuel Adjustment Clause

continued, Brooke Mastrogiannis

Company Name	Case Number	Testimony/Issues
Evergy Missouri Metro	EO-2022-0064	February 2022 Staff Report- Fuel Adjustment Clause Prudence Review
Evergy Missouri West	EO-2022-0065	February 2022 Staff Report- Fuel Adjustment Clause Prudence Review

Exhibit No.: _____
Issue: Fuel Adjustment Clause
Witness: Charlotte T. Emery
Type of Exhibit: Direct Testimony
Sponsoring Party: The Empire District
Electric Company
Case No.: ER-2021-xxxx
Date Testimony Prepared: April 2021

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

Direct Testimony

of

Charlotte T. Emery

on behalf of

The Empire District Electric Company

April 1, 2021



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FOR THE DIRECT TESTIMONY OF CHARLOTTE T. EMERY
THE EMPIRE DISTRICT ELECTRIC COMPANY
BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION
CASE NO. ER-2021-xxxx

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DIRECT TESTIMONY OF CHARLOTTE T. EMERY
THE EMPIRE DISTRICT ELECTRIC COMPANY
BEFORE THE MISSOURI PUBLIC SERVICE COMMISSION
CASE NO. ER-2021-xxxx

1 **I. INTRODUCTION**

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

3 A. My name is Charlotte T. Emery, and my business address is 602 South Joplin Avenue,
4 in Joplin, Missouri.

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

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

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

10 A. I graduated from College of the Ozarks, Point Lookout, Missouri, in 2000 with a
11 Bachelor of Science degree with a major in Accounting. I have been a Certified Public
12 Accountant ("CPA") in the State of Missouri since 2006. I was hired by Empire in July
13 2016 as a Rates Analyst and promoted to my current position as a Senior Manager in
14 the Rates and Regulatory Affairs Department in May 2020. Prior to joining the
15 Company, I worked for six years in the regulated insurance industry in Springfield,
16 Missouri as a Director of Accounting. In addition, I have nine years of public
17 accounting experience working for both a national and “Big Four” accounting firm. My
18 primary roles at these organizations included serving as a supervisor for financial
19 statement audits and a tax consultant.

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

1 A. Yes. I have testified on behalf of Empire before this Commission, as well as before the
2 Kansas Corporation Commission, the Arkansas Public Service Commission, and the
3 Oklahoma Corporation Commission. The case references are attached to this testimony
4 as Schedule CTE-1.

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

6 A. The purpose of my testimony is to support the Fuel & Purchased Power Adjustment
7 Clause (“FAC”) rate tariff that has been filed by Empire. The FAC rate tariff reflects
8 the actual energy costs incurred by the Company, less an adjustment pertaining to
9 “extraordinary costs” associated with the February 2021 cold weather event (“Storm
10 Uri”), during the six-month period September 2020 through February 2021. The six-
11 month period is an Accumulation Period specified in the Company’s FAC tariff that
12 was approved by the Commission in its Report and Order issued in Case No. ER-2016-
13 0023 and its Report and Order issued in Case No. ER-2019-0374. When factoring in
14 the Storm Uri adjustment, being made pursuant to Rule 20 CSR 4240-
15 20.090(8)(A)2AXI, the current period Fuel Adjustment Rate (“FAR”) for the
16 Accumulation Period ending February 2021 and the Recovery Period ending
17 November 2020 is \$0.0000.

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

19 A. Yes. I am sponsoring the following schedules:
20 ○ Schedule CTE-1 (provides a listing of previous case references);
21 ○ Schedule CTE-2 (contains the basic information and the FAC formula the Company
22 used to calculate the FARs which have been included in the proposed revised FAC
23 rate tariff sheet 17q); and
24 ○ Schedule CTE-3 (detailed information required by 20 CSR 4240-20.090(8)(A)(2)).

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

3 A. Yes. The Company’s FAC and the Commission’s rule governing FACs include two
4 safeguards limiting FAC recovery to actual, prudently incurred energy costs. The first
5 safeguard is a true-up process that ensures the FAC collections during the Recovery
6 Period do not exceed actual energy costs incurred during the Accumulation Period.
7 The second safeguard involves a requirement that Empire’s energy costs be subjected
8 to periodic Prudence Reviews, to ensure only prudently incurred energy costs are
9 passed through to customers using the FAC. Empire’s operation of the FAC has been
10 audited by the Commission’s staff through August 31, 2019. Staff filed its report in
11 File No. EO-2020-0059 finding no imprudence on the part of Empire. Commission
12 Staff filed a Notice on March 4, 2021 in File No. EO-2021-0281 indicating they started
13 their Ninth Fuel Adjustment Clause Prudence Review encompassing the period of
14 September 1, 2019 through February 28, 2021.

15 **Q. Do you believe Empire’s Fuel Adjustment Clause is reasonable and appropriate?**

16 A. Yes. There was much discussion and debate concerning Empire’s FAC tariff in Case
17 No. ER-2008-0093, in which the Commission ultimately approved Empire’s initial
18 FAC tariff. Additional discussions have occurred in subsequent cases, including the
19 recently concluded rate case (ER-2019-0374). The Company’s FAC filing is being
20 made in accordance with the Commission’s rules governing the FAC and in accordance
21 with the FAC tariff approved for Empire.

22 **II. EXECUTIVE SUMMARY**

23 **Q. Please describe Empire’s FAC and FAR filing obligations.**

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

16 **Q. Please provide an overview of your Direct Testimony in support of the FAC rate**
17 **tariff filed by Empire.**

18 A. Since the implementation of the Company’s FAC, the variable cost of fuel and
19 purchased power used by the Company’s Missouri customers has varied from the base
20 fuel and energy cost established in rates. For the Accumulation Period September 2020
21 through February 2021, Empire’s actual total energy costs eligible for the FAC have
22 been higher than the base energy cost included in the Company’s Missouri rates by
23 approximately \$176,248,936. Under normal circumstances, the Company would file a
24 FAC rate tariff that is designed to recover 95 percent of the energy cost differences, or

1 approximately \$167,436,489. However, the Company is seeking approval to defer
2 \$168,720,211 of “extraordinary costs.” Considering the deferral amount pertaining to
3 the Storm Uri extraordinary costs, the Company proposes to use the remaining credit
4 balance of \$1,283,722 in the Accumulation Period to offset the under-recovery of the
5 prior Recovery Period from its Missouri customers. Later in my testimony, I provide
6 greater detail surrounding the extraordinary circumstances that have impacted this
7 filing.

8 Empire seeks to offset the under-recovery balance as result of the Recovery Period
9 ending November 30, 2020 from customers of approximately \$1,293,237 and the
10 impact of the interest offset of approximately \$(9,515) with the net credit balance of
11 \$(1,283,722) which occurred during the Accumulation Period ending February 2021.
12 The Recovery Period under-recovery amount is further described in the true-up
13 testimony that is provided in a separate filing of under-recovered energy costs from the
14 prior Recovery Period ending November 30, 2020. With the inclusion of \$(9,515) for
15 interest offset, this brings the total Fuel and Purchase Power Adjustment to \$0.0000.
16 This total represents the Fuel and Purchased Power Adjustment (“FPA”).

17 As reflected in the rate tariff filed by the Company, Empire has developed two FARs
18 designed to recover the FPA, each of which is based on forecasted retail Missouri sales
19 over the next Recovery Period: a FAR of \$0.0000 per kilowatt-hour (kWh) for primary
20 service; and a FAR of \$0.00000 per kWh for secondary service. As filed, these FARs
21 will enable Empire to defer a significant portion of the Storm Uri extraordinary fuel
22 costs to a future general rate case to determine a more reasonable recovery period, to
23 the benefit of Empire’s Missouri customers. Further, it allows for the net over-

1 collection that occurred during the Accumulation Period months of September 2020 –
2 January 2021 to offset some of the costs that were incurred in February 2021.

3 **III. THE PROPOSED FAC RATE ADJUSTMENT**

4 **Q. Why has Empire filed an FAC-related rate tariff at this time?**

5 A. As noted, Rule 20 CSR 4240-20.090(8) and Empire’s FAC tariff require the Company
6 to make periodic FAC filings that enable the Commission to review Empire’s actual
7 fuel, purchased power, AQCS costs, off-system sales, REC revenue, and net costs of
8 emissions allowances, so that the Company’s FAC rates can be adjusted to reflect the
9 actual energy costs the Company incurs to provide electric service to its Missouri
10 customers. Empire’s Missouri FAC tariff calls for two FAC adjustment filings per
11 year: (1) a filing covering the six-month Accumulation Period running from September
12 through February; and (2) a filing covering the Accumulation Period running from
13 March through August. Empire is seeking an increase in its FAC rates to reflect 95%
14 of the difference between the energy costs built into its base Missouri rates and
15 Empire’s actual Missouri energy costs for the Accumulation Period, less the deferral
16 of \$168,720,211 in “extraordinary costs” and a true-up of the costs recovered during
17 the Recovery Period ending November 30, 2020. This recovery via the FAC rates will
18 be reflected on the Missouri customers’ bills over the six-month Recovery Period
19 running from June 2021 through November 2021.

20 **Q. How did Empire’s average energy costs for the Accumulation Period compare to**
21 **the costs included in base rates?**

22 A. Empire’s average energy costs per kWh increased above the level built into its base
23 electric rates, which is why the FAC rate tariff filed by the Company seeks an increase
24 in the rates charged to the Missouri customers. More specifically, Empire’s Missouri

1 base rates included an average cost of energy per kWh of net system production of
2 \$0.02415 from September 1 through September 15 and \$0.02338 from September 16
3 through February 28, 2021. Empire actually incurred average energy costs of \$0.09924
4 per kWh during the Accumulation Period, which is \$0.07586 per kWh, or about 324.5
5 percent more, than the average cost built into current base rates.

6 **Q. Does Empire seek to recover all of these costs at this time?**

7 A. No. Under normal circumstances and pursuant to Empire’s FAC tariff, the Company
8 would request to collect from its Missouri customers 95 percent of the energy cost
9 differences or approximately \$167,436,489. However, at this time, the Company is
10 seeking to defer \$168,720,211 of “extraordinary costs” pursuant to Rule 20 CSR 4240-
11 20.090(8)(A)2AXI. Considering the deferral of “extraordinary costs” pertaining to
12 Storm Uri, the Company proposes to use the remaining credit balance of \$(1,283,722)
13 to offset the under-recovery amount of \$1,293,237 of the prior Recovery Period ending
14 November 30, 2020 and the respective interest amount of \$(9,515.40). After reflecting
15 these adjustments/deferrals, this results in an average of \$0.00000 per kWh sold during
16 the upcoming Recovery Period.

17 **Q. What is provided for in subpart XI of Rule 20 CSR 4240-20.090(8)(A)2A?**

18 A. For the period of historical costs which are being used to propose the fuel adjustment
19 rates, this rule subpart provides that “(e)xt extraordinary costs not to be passed through, if
20 any, due to such costs being an insured loss, or subject to reduction due to litigation or
21 for any other reason” should be provided.

22 **Q. With Empire’s request to assist its customers by deferring certain costs that would**
23 **otherwise be due in the near future under the Company’s FAC tariff, how will the**
24 **proposed FAC change impact the monthly bill for a typical residential customer?**

1 A. For Missouri residential customers using 1,000 kWh per month, the electric bill will
2 increase by approximately \$1.90 per month over the six-month period June 2021
3 through November 2021, when the requested FAC factor of \$0.0000 is applied to their
4 bill and the previous FAC credit factor of (\$0.00190) is eliminated from their bill.

5 **Q. Did the average energy cost vary from expectations?**

6 A. Yes, as there were extraordinary circumstances that impacted the current Accumulation
7 Period of September 2020 – February 2021. The actual average energy cost was
8 \$99.24/MWh. This was 324.5% higher than the FAC current base factor of
9 \$23.38/MWh. The primary driver of this result was due to the severe winter storm event
10 that occurred in February 2021. In general, this weather event (Storm Uri) included
11 extreme cold temperatures that greatly impacted the demand for electricity, generating
12 unit operations, market and fuel prices, and fuel availability. The south-central states,
13 including the Company’s service territory, experienced some of its coldest
14 temperatures in decades. During this winter event, natural gas and market prices rose
15 to unprecedented levels, which were much higher than a normalized budget would
16 assume. These factors contributed to the actual total FAC eligible energy cost per MWh
17 being above the Company budget of \$22.68/MWh by approximately 337.5% percent.

18 **Q. Please further describe the weather event that resulted in the extreme cold**
19 **temperatures that impacted Missouri customers.**

20 A. An arctic blast brought frigid air into the central United States, including Missouri and
21 surrounding states, which resulted in record snowfall and low temperatures. In
22 response to the extreme temperatures and high energy demand, the Company issued an
23 Internal Peak Advisory on Saturday, February 13, 2021. In addition, the Company

1 issued an External Peak Advisory on February 14, 2021, which remained in effect until
2 noon on February 19, 2021.

3 **Q. Did the Company communicate with customers and other stakeholders during the**
4 **weather event?**

5 A. Yes. Company representatives provided frequent updates to Commission Staff and the
6 Office of the Public Counsel during the event. The Company communicated with its
7 customers utilizing a Peak Advisory to Customers via social media, Company website,
8 and an email to electric customers with email addresses on file. The Company also had
9 communications to large industrial and commercial customers to curtail energy to allow
10 for that energy to be redirected to residential customers and critical facilities. On
11 February 15, after the Southwest Power Pool (“SPP”) announced an Energy Emergency
12 Alert Level 3, the Company also incorporated local media updates and interviews.
13 Throughout the remaining part of the weather event, the Company continued to use all
14 forms of communication to inform customers of requests to conserve energy and if
15 additional controlled service interruptions were expected due to SPP Alerts.

16 **Q. Did the Company provide any additional notifications to the Commission in**
17 **respect to anticipated impacts of the weather impact on customer rates?**

18 A. Yes. The Company filed, on February 26, 2021, a Notice of Intended Case Filing (EU-
19 2021-0274), stating that the Company “intends to file an application requesting an
20 Accounting Authority Order (“AAO”) and modification of its Fuel and Purchased
21 Power Adjustment (“FAC”) tariff sheets.” The Notice also stated the Company “will
22 seek an AAO to allow the Company to assist its customers by deferring certain costs
23 that would otherwise be due in the near future under the Company’s FAC tariff. An
24 AAO and modification of the FAC tariff are necessary due to the unusually high fuel

1 costs and resulting financing costs incurred by Liberty on behalf of its customers during
2 the Extraordinary weather event that occurred in February 2021.”

3 **Q. Has the Commission itself taken any action regarding the February 2021 cold**
4 **weather event?**

5 A. Yes. On February 24, 2021, in File No. AO-2021-0264, the Commission ordered its
6 Regulatory and Customer Experience Departments, with assistance as needed from
7 other departments within its Industry Analysis and Financial and Business Analysis
8 Divisions, to investigate Missouri’s electrical and natural gas utilities’ preparation for
9 and response to Missouri’s February 2021 extreme cold and to report its findings to the
10 Commission.

11 **Q. Is the Company seeking to recover what it deems “extraordinary costs” related to**
12 **Storm Uri through the proposed FAR?**

13 A. No. The Company is seeking to defer \$168,720,211 related to February’s extreme cold
14 temperatures, in conjunction with netting the balance of \$(1,283,722) with the under-
15 recovery amount of \$1,293,237 which occurred during the Recovery Period ending
16 November 30, 2020 and the respective interest amount of \$(9,515). This will bring the
17 FAR, for Accumulation Period ending February 2021, to \$0.00000.

18 **Q. Is Empire requesting specific language from the Commission regarding these**
19 **“extraordinary costs” being pulled from the FAC mechanism?**

20 A. Yes, specific language is needed from the Commission regarding the deferral of these
21 FAC-eligible fuel costs, in order for the Company to be able to assist its Missouri
22 customers in this manner. For these costs to remain as a deferred debit (182.3) on the
23 Company’s Generally Accepted Accounting Principles (“GAAP”) financial
24 statements, the Company needs to have a reasonable expectation of recovery. Because

1 these costs would normally have been recoverable from customers (subject to a
2 prudence review), as they are FAC-eligible fuel costs incurred on behalf of Missouri
3 customers, Empire requests language in an order in this proceeding providing that
4 Empire continues to have a reasonable expectation of recovery of these deferred costs.
5 In order for Empire to assist its Missouri customers in this manner, it is important that
6 the Commission's traditional AAO language not be included in the Commission's
7 order regarding the fuel costs being deferred as part of this proceeding.

8 **Q. Do you expect the average energy costs eligible for the FAC to be higher or lower**
9 **than the base during the next Accumulation Period from March 2021 through**
10 **August 2021?**

11 A. Based upon a review of the Company's internal budget and underlying assumptions,
12 Empire does not anticipate a notable difference between the FAC tariff in effect during
13 the Accumulation Period of March 2021 – August 2021, which includes an FAC base
14 factor of \$23.38/MWh.

15 **Q. Please describe how the Company is proposing to recover the energy cost**
16 **increases experienced during the September 2020 – February 2021 Accumulation**
17 **Period?**

18 A. The FAC rate tariff filed by Empire will apply a FAR of \$0.00000 for primary and
19 \$0.00000 for secondary service to the actual Missouri retail kWh sales that take place
20 during the June 1, 2021 to November 30, 2021 Recovery Period. The proposed FARs
21 were calculated in accordance with Empire's authorized FAC tariff. I have attached to
22 my testimony, as Schedule CTE-2, an exemplar copy of one of the Company's
23 approved FAC tariff sheets. In addition to the tariff sheet, I have included a monthly
24 analysis of the energy costs and energy cost recovery that has taken place during the

1 Accumulation Period on page 2 of Schedule CTE-2. Schedule CTE-2 contains the
2 basic information and the FAC formula that the Company used to calculate the FARs
3 which have been included in the proposed revised FAC rate tariff sheet 17q. The
4 Empire FAC tariff and the formula included therein were approved by the Commission
5 in Case Nos. ER-2016-0023 and ER-2019-0374.

6 **Q. How were the various values used to determine the proposed FARs shown on**
7 **schedule CTE-2 developed?**

8 A. The data upon which Empire based the values for each of the variables in the approved
9 FAR formula are included on the schedule and came from Empire's books and records.
10 Schedule CTE-2 contains the basic information that is required to calculate the
11 proposed change in the FAR. In addition, the Company has filed the detailed
12 information required by 20 CSR 4240-20.090(8)(A)(2) with this testimony as Schedule
13 CTE-3. Additional information about the true-up amount is being filed concurrently in
14 a separate docket. Also, as required by 20 CSR 4240-20.090, the Company is separately
15 providing these workpapers to all parties of record in Case No. ER-2019-0374.

16 **Q. Is Empire in compliance with the provisions of the Commission's FAC rule**
17 **concerning periodic reporting and surveillance?**

18 A. Yes. Empire has complied with all provisions of Commission Rules 20 CSR 4240-
19 20.090(5) and (7) governing periodic reports and surveillance using the Commission's
20 electronic filing system and by providing copies of the periodic compliance reports and
21 copies of surveillance reports to the other parties at the same time they were filed with
22 the Commission.

1 **Q. If FAC Sheet 17q is approved by the Commission, what safeguards exist to ensure**
2 **the FAC revenue collected by Empire does not exceed the actual total energy cost**
3 **incurred by Empire during the Accumulation Period?**

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

15 **Q. What action is Empire requesting from the Commission with respect to the FAC**
16 **rate tariff that the Company filed on April 1, 2021?**

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

1 Commission approve revised FAC sheet 17q to be effective as of June 1, 2021, which
2 is the first day of the Recovery Period prescribed in Empire’s FAC tariff.

3 **IV. CASE NO. ER-2019-0374 FAC TARIFF CHANGES**

4 **Q. What changes were ordered surrounding Empire’s FAC tariff as a result of the**
5 **Company’s last general rate case (ER-2019-0374)?**

6 A. In summary, the base factor changed from \$0.02415 per kWh to \$0.02338 per kWh
7 effective September 16, 2020. In addition, changes were made regarding the eligible
8 accounts, primary and secondary voltage rates, language regarding the Company’s
9 wind projects, along with other administrative tariff changes.

10 **Q. Did the above changes have an impact on the Accumulation Period of September**
11 **2020 – February 2021 or the Recovery Period of June 2020 – November 2020?**

12 A. Yes.

13 **Q. Please explain.**

14 A. The effective date of the base energy cost occurred on September 16, 2020, which falls
15 within the timeframe for this Accumulation Period. However, the Recovery Period
16 calculations were not impacted, as that period was prior to the effective date of the new
17 tariff sheets.

18 **Q. Please explain the Commission’s decision regarding the Missouri Joint Municipal**
19 **Electric Utility Commission (“MJMEUC”) revenue.**

20 A. The Commission held “that the FAC tariff should not be revised to allow revenue from
21 MJMEUC contracts to flow through the FAC.”¹ In other words, the Commission held
22 that the MJMEUC revenue should not flow through Empire’s FAC.

¹ ER-2019-0374, Report and Order, page 64.

1 **Q. Did the Commission order any additional reporting for Empire related to the**
2 **MJMEUC contract?**

3 A. Yes. The Commission ordered “additional reporting for Liberty-Empire to file with its
4 FAC monthly reports and Fuel Adjustment Rate filing workpapers, including a detailed
5 listing of all costs incurred due to the MJMEUC contracts and the revenues that the
6 Company receives from MJMEUC.”²

7 **Q. Are these additional reporting requirements included in this FAC filing?**

8 A. Yes.

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

10 A. Yes.

² Ibid.

VERIFICATION OF CHARLOTTE T. EMERY

Charlotte T. Emery, under penalty of perjury, declares that the foregoing document is true and correct to the best of her knowledge, information, and belief.

/s/Charlotte T. Emery _____
Charlotte T. Emery

Jurisdiction	Type	Docket No.	Docket Description
MO	Testimony	GR-2018-0013	In the Matter of Liberty Utilities (Midstates Natural Gas) Corp. d/b/a Liberty Utilities' Tariff Revisions Designed to Implement a General Rate Increase for Natural Gas Service in the Missouri Service Areas of the Company
MO	Affidavit	EO-2018-0092	Affidavit in Support of Non-Unanimous Stipulation and Agreement In the Matter of the Application of the Empire District Electric Company for Approval of Its Customer Savings Plan
AR	Testimony	18-006-U	In the matter of an Investigation of The Effect on Revenue Requirements Resulting From Changes to Corporate Income Tax Rates Under the Tax Cuts and Jobs Act of 2017
AR	Testimony	16-053-U	In the matter of The Empire District Electric Company's Request for approval of its proposed Riverton Rider
KS	Testimony	18-GIMX-248-GIV	In the Matter of a General Investigation Regarding the Effect of Federal Income Tax Reform on the Revenue Requirements of Kansas Public Utilities and Request to Issue an Accounting Authority Order Requiring Certain Regulated Public Utilities to Defer Effects of Tax Reform to a Deferred Revenue Account
AR	Testimony	81-071-F	In the Matter of the determination of the rules regulating the rate and service of cogenerators and small power producers
AR	Testimony	18-055-TF	In the Matter of The Empire District Electric Company Request for Approval of a Tax Adjustment Rider to Provide Tax Benefits to its Retail Customers
AR	Testimony	18-054-TF	In the Matter of Liberty Utilities (Pine Bluff Water) Inc. Request for Approval of a Tax Adjustment Rider to Provide Tax Benefits to its Retail Customers
MO	Testimony	ER-2018-0366	In the Matter of a Proceeding Under Section 393.137 (SB 564) to Adjust the Electric Rates of The Empire District Electric Company
OK	Testimony	PUD 201800087	Application of Brandy L. Wreath, Director of the Public Utility Division, Oklahoma Corporation Commission, For a Public Hearing To Review and Monitor Application of the Fuel Adjustment Clause of Empire District Electric Company, a Kansas Corporation, for the Calendar Year 2017 and, For a Prudence Review of the Fuel Procurement Processes and Costs of Empire District Electric Company, A Kansas Corporation, for the Calendar Year 2017
KS	Testimony	19-EPDE-223-RTS	In the Matter of the Application of The Empire District Electric Company for Approval of the Commission to Make Changes in Charges for Electric Service
MO	Testimony	ER-2020-0093; EO-2020-0094	Fuel Adjustment Clause- October 1, 2019 Semi-Annual Update
MO	Testimony	ER-2020-0311; EO-2020-0312	Fuel Adjustment Clause- April 1, 2020 Semi-Annual Update
MO	Testimony	ER-2021-0097; EO-2021-0098	Fuel Adjustment Clause- October 1, 2020 Semi-Annual Update

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

P.S.C. Mo. No. 66 Sec. 4 2nd~~1st~~ Revised Sheet No. 17q

Canceling P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 17q

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC
For service on and after ~~June~~December 1, 2021~~0~~

	Accumulation Period Ending		February 28August 31, 2020
1	Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		2585,868,45856,521 ,028
2	Net Base Energy Cost (B)	-	60,428,67460,082,5 92
	2.1 Base Factor (BF)		0.02338415
	2.2 Accumulation Period NSI (S _{AP})		2,578,334,0002,487, 892,000
3	(TEC-B)		195,439,784(3,561, 564)
4	Missouri Energy Ratio (J)	*	90.1885.52 ¹
5	(TEC - B) * J		176,248,936(2,860, 278) ²
6	Fuel Cost Recovery	*	95.00%
7	(TEC - B) * J * 0.95		167,436,489(2,575, 706)
8	True-Up Amount (T)	+	1,293,237(1,423,47 1)
9	Prudence Adjustment Amount (P)	+	
10	Interest (I)	+	(9,51517,232)
11	Fuel and Purchased Power Adjustment (FPA)	=	0(4,016,409) ³
12	Forecasted Missouri NSI (S _{RP})	÷	2,273,827,774257,5 66,452
13	Current Period Fuel Adjustment Rate (FAR)	=	.0000(-.00178)
14	Current Period FAR _{PRIM} = FAR x VAF _{PRIM}		.0000(-.00186)
15	Current Period FAR _{SEC} = FAR x VAF _{SEC}		.0000(-.00190)
16	VAF _{PRIM} = 1.0464		1.0464
17	VAF _{SEC} = 1.0657		1.0657

DATE OF ISSUE April~~October~~ 1, 2021~~0~~

DATE EFFECTIVE June~~December~~ 1, 2021~~0~~

ISSUED BY Sheri Richard, Director Rates and Regulatory Affairs, Joplin, MO

PUBLIC VERSION

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.

³For this accumulation period only, the Fuel and Purchased Power Adjustment (FPA), on line 11, is calculated by taking the total of \$167,436,489, on line 7, and reducing it by the extraordinary cost of \$168,720,211, that the Company is seeking to defer, for a net of (\$1,283,722). The True-Up Amount of \$1,293,237, on line 8, and Interest Expense of (\$9,515), on line 10, are added to the net of (\$1,283,722). This brings the Total Fuel and Purchased Power Adjustment to \$0.

The Empire District Electric Company
Fuel Adjustment Clause
Cost Adjustment Factor Calculation
Feb 2021

		Accumulation Period								
		Sep 1-15 2020	Sep 16-30 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Prior Period	Total
Generation	[FC]	\$ 4,010,637.79	\$ 4,380,403.89	\$ 11,314,402.77	\$ 10,282,171.92	\$ 10,842,162.88	\$ 10,603,417.55	\$ 142,927,113.69		\$ 194,360,310.50
Fuel - AQCS	[FC]	\$ 25,597.16	\$ 25,597.17	\$ 62,699.80	\$ 50,893.27	\$ 86,257.42	\$ 102,020.37	\$ 83,786.14		\$ 436,851.32
Native Load Cost	[PP]	\$ (325,765.00)	\$ (895,069.51)	\$ (1,329,962.15)	\$ (302,605.57)	\$ (525,774.22)	\$ 881,973.53	\$ 159,571,183.19		\$ 157,073,980.27
Transmission Costs	[PP]	\$ 151,583.02	\$ 227,757.08	\$ 407,853.14	\$ 354,360.47	\$ 418,185.63	\$ 373,935.13	\$ 398,782.76		\$ 2,332,457.23
Net of Emission Allow.	[E]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
EDE Sales	[OSSR]	\$ (450,413.54)	\$ (450,413.54)	\$ 91,219.48	\$ (8,578,348.14)	\$ (1,051,198.94)	\$ (2,802,426.68)	\$ (85,093,559.87)		\$ (98,335,141.23)
Renewable Energy Credit Revenues	[REC]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Total Energy Cost		\$ 3,411,639.43	\$ 3,288,275.09	\$ 10,546,213.04	\$ 1,806,471.95	\$ 9,769,632.78	\$ 9,158,919.89	\$ 217,887,305.91		\$ 255,868,458.09
Net Base Energy Rate		\$ 0.02415	0.02338	0.02338	0.02338	0.02338	0.02338	0.02338		
NSI kwh		191,201,000	191,201,000	369,415,000	367,364,000	456,754,000	483,950,000	518,449,000		2,578,334,000
Base Energy Cost (B)		\$ 4,617,504.15	\$ 4,470,279.38	\$ 8,636,922.70	\$ 8,588,970.32	\$ 10,678,908.52	\$ 11,314,751.00	\$ 12,121,337.62		\$ 60,428,673.69
TEC-B		\$ (1,205,864.72)	\$ (1,182,004.29)	\$ 1,909,290.34	\$ (6,782,498.37)	\$ (909,275.74)	\$ (2,155,831.11)	\$ 205,765,968.29		\$ 195,439,784.40
Missouri Retail kwh Sales		157,276,424	157,276,424	304,749,931	301,975,179	383,164,872	398,186,137	435,347,194		2,137,976,161
Total System kwh Sales		178,606,899	178,606,899	345,454,834	343,268,759	432,818,040	453,091,952	483,341,486		2,415,188,868
Missouri Energy Ratio (J)		0.8806	0.8806	0.8822	0.8797	0.8853	0.8788	0.9007		0.9018
(TEC-B)*J		(1,061,884.47)	(1,040,872.98)	1,684,375.94	(5,966,563.82)	(804,981.81)	(1,894,544.38)	185,333,407.64		\$ 176,248,936.12
Fuel & PP Cost Recovery (Over)/Under (((FC + PP + E - OSSR - REC - B) * J) * 0.95)		\$ (1,008,790.25)	\$ (988,829.33)	\$ 1,600,157.14	\$ (5,668,235.63)	\$ (764,732.72)	\$ (1,799,817.16)	\$ 176,066,737.26		\$ 167,436,489.31
Extraordinary Fuel & PP Cost Recovery (Over)/Under								\$ 168,720,211.25		\$ 168,720,211.25
Ordinary Fuel & PP Cost Recovery (Over)/Under		\$ (1,008,790.25)	\$ (988,829.33)	\$ 1,600,157.14	\$ (5,668,235.63)	\$ (764,732.72)	\$ (1,799,817.16)	\$ 7,346,526.01		\$ (1,283,721.94)
(Over)/Under Adjustment (T)								\$ 1,293,237.34		\$ 1,293,237.34
Ordinary Interest (Expense)/Income (I)		\$ -	\$ (957.36)	\$ (745.95)	\$ (1,274.29)	\$ (2,042.59)	\$ (2,716.09)	\$ (1,779.12)		\$ (9,515.40)
Fuel & Purchased Power Adjustment (((FC + PP + E - OSSR - REC - B) * J) * 0.95) + T + I + P (FPA)		\$ (1,008,790.25)	\$ (989,786.69)	\$ 1,599,411.19	\$ (5,669,509.92)	\$ (766,775.31)	\$ (1,802,533.25)	\$ 7,344,746.89	\$ 1,293,237.34	\$ (0.00)
For Recovery Period										
Forecasted NSI kwh (a)										2,591,866,000
Forecasted Missouri Retail kwh Sales (b)										2,127,904,000
Forecasted Total System kwh Sales (c)										2,425,532,000
Forecasted Missouri Ratio										87.73%
Forecasted Missouri NSI kwh (S)=a*(b/c) (S)										2,273,827,774
Cost Adjustment Factor (FAR=FPA./S) (FAR)										0.00000
FAR - Primary and above										0.00000
Primary Expansion Factor		1.0464								
FAR - Secondary										0.00000
Secondary Expansion Factor		1.0657								

BUDGET DATA ON THE "RECOVERY" TAB NEEDS TO BE FOR THE CURRENT, FORWARD 6 MONTHS.

PUBLIC VERSION

St	Revenue Class	Plan Description	Values																			
			Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	Total Revenue		
AR	Residential	NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AR		PL-Private Lighting	4	16,494	2,641.79	6.86	393.75	22.42	30.75	-	-	-	36.51	-	-	-	-	-	(149.58)	-	2,982.50	
AR		RG-Residential	4,165	4,432,183	395,922.53	18,057.93	106,017.81	18,127.55	22,294.36	-	-	-	10,005.66	(210.52)	14,405.78	-	-	-	(16,707.85)	-	567,913.25	
AR	Residential Total		4,169	4,448,677	398,564.32	18,064.79	106,411.56	18,149.97	22,325.11	-	-	10,042.17	(210.52)	14,405.78	-	-	-	(16,857.43)	-	570,895.75		
AR	Commercial	CB-Commercial	622	1,266,921	117,365.11	3,870.05	30,265.14	4,763.62	5,825.51	-	-	18.18	-	2,772.40	-	-	-	-	(4,355.98)	-	164,130.89	
AR		GP-General Power	61	2,025,790	128,062.43	348.79	48,456.88	6,097.64	5,479.82	-	-	6.00	-	4,477.04	-	-	-	-	3,583.53	-	1,651.97	
AR		LS-Special Lighting	3	203	83.40	1.46	4.85	0.29	0.94	-	-	-	-	-	-	-	-	-	-	-	(10.66)	80.73
AR		PL-Private Lighting	2	29,238	4,021.14	37.56	699.24	41.82	52.70	-	-	-	-	64.63	-	-	-	-	-	(217.95)	-	4,699.14
AR		Commercial Total		688	3,322,152	249,532.08	4,257.86	79,426.11	10,903.37	11,358.97	-	-	24.18	-	7,314.52	-	-	-	(2,932.62)	-	367,074.86	
AR	Industrial	CB-Commercial	1	1,579	147.94	8.06	37.77	5.94	7.26	-	-	-	-	3.49	-	-	-	-	4.50	-	(5.50)	209.46
AR		GP-General Power	5	699,715	47,136.78	100.00	16,737.19	2,106.14	2,328.28	-	-	3,101.85	-	1,546.37	-	-	-	-	1,522.59	-	608.07	75,187.27
AR		PL-Private Lighting	-	5,882	522.32	8.04	140.70	8.46	10.58	-	-	395.21	-	3.48	-	-	-	-	-	-	(30.14)	1,058.65
AR		PT-Transmission	3	6,804,492	343,336.41	100.00	162,763.44	17,351.45	18,425.60	-	-	6,918.05	-	3,484.73	-	-	-	-	-	12,178.90	-	(2,025.68)
AR	Industrial Total		9	7,511,668	391,143.45	216.10	179,679.10	19,471.99	20,771.72	-	-	10,415.11	-	5,038.07	-	-	-	-	13,705.99	-	(1,453.25)	638,988.28
AR	Muni Street & Highway Lighting	CB-Commercial	24	13,013	1,451.31	-	311.27	48.91	59.85	-	-	-	-	28.77	-	-	-	-	37.07	-	(53.97)	1,883.21
AR		LS-Special Lighting	6	629	221.34	-	15.04	0.91	2.93	-	-	-	-	1.40	-	-	-	-	-	-	(28.28)	213.34
AR		PL-Private Lighting	-	711	93.93	-	17.01	1.04	1.27	-	-	-	-	1.58	-	-	-	-	-	-	(5.43)	109.40
AR		SPL-Municipal St Lighting	-	50,886	2,161.74	-	1,217.20	73.27	97.70	-	-	1,590.81	-	112.46	-	-	-	-	-	-	(70.68)	5,182.50
AR	Muni Street & Highway Lighting Total		30	65,239	3,928.32	-	1,560.52	124.13	161.75	-	-	1,590.81	-	144.21	-	-	-	-	37.07	-	(158.36)	7,388.45
AR	Other Public Authority	CB-Commercial	79	62,433	6,411.08	-	1,493.40	234.75	287.22	-	-	-	-	138.00	-	-	-	-	177.96	-	(238.45)	8,503.96
AR		GP-General Power	5	482,327	23,394.16	-	11,537.26	1,451.80	903.38	-	-	-	-	1,065.95	-	-	-	-	590.77	-	301.79	39,245.11
AR		PL-Private Lighting	-	65	8.11	-	1.55	0.09	0.12	-	-	-	-	0.14	-	-	-	-	-	-	(0.47)	9.54
AR	Other Public Authority Total		84	544,825	29,813.35	-	13,032.21	1,686.64	1,190.72	-	-	-	-	1,204.09	-	-	-	-	768.73	-	62.87	47,758.61
AR	Total		4,980	15,892,562	1,072,981.52	22,538.75	380,109.50	50,336.10	55,808.27	-	-	12,030.10	-	23,743.06	(210.52)	36,107.96	-	-	(21,338.79)	-	1,632,105.95	

Electric Revenue Summary by Rate
 Total Company Electric by State
 September 30,2020

KS	Residential	NM-Net Metering	-	(1,614)	(41.74)	-	-	-	-	-	-	-	-	-	-	-	(41.74)
KS		PL-Private Lighting	17	51,043	15,945.43	88.57	690.37	-	-	96.04	-	-	-	-	-	-	129.34
KS		RG-Residential	5,516	6,193,243	476,225.68	27,609.40	83,511.11	-	-	11,271.85	-	-	-	-	-	-	104,601.43
KS		RG-Residential Water Heat	738	965,885	70,333.50	3,218.75	13,021.48	-	-	1,757.99	-	-	-	-	-	-	16,367.77
KS		RH-Residential Total Elec	1,911	2,377,941	163,516.51	4,732.48	32,038.39	-	-	4,327.78	-	-	-	-	-	-	39,216.16
KS	Residential Total		8,182	9,586,498	725,979.38	35,649.20	129,261.35	-	-	17,453.66	-	-	-	-	-	-	160,314.70
KS	Commercial	CB-Commercial	1,053	1,706,645	164,509.54	5,986.62	22,970.26	-	-	3,106.04	-	-	-	-	-	-	23,156.31
KS		GP-General Power	66	2,259,785	154,136.67	725.00	30,827.91	-	-	4,112.80	663.34	-	-	-	-	-	20,521.66
KS		LS-Special Lighting	7	2,436	408.20	2.95	30.83	-	-	4.42	-	-	-	-	-	-	2.14
KS		NM-Net Metering	-	(5,960)	(157.91)	-	-	-	-	-	-	-	-	-	-	-	(157.91)
KS		PL-Private Lighting	18	54,101	13,574.27	148.81	731.01	-	-	98.85	69.00	-	-	-	-	-	136.16
KS		PT-Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		SH-Small Heating	99	178,938	14,893.12	592.55	2,411.98	-	-	325.67	-	-	-	-	-	-	2,772.08
KS		TEB-Total Electric Bldg	36	605,700	42,667.71	262.44	8,189.03	-	-	1,102.40	-	-	-	-	-	-	7,930.01
KS	Commercial Total		1,279	4,801,645	390,031.60	7,718.37	65,161.02	-	-	8,750.18	732.34	-	-	-	-	-	54,518.36
KS	Industrial	CB-Commercial	8	21,420	1,987.57	60.31	289.61	-	-	39.00	-	-	-	-	-	-	291.75
KS		GP-General Power	27	1,162,520	86,121.43	275.00	16,628.67	-	-	2,115.81	-	-	-	-	-	-	13,101.89
KS		PL-Private Lighting	-	13,008	2,793.92	61.15	186.69	-	-	23.70	-	-	-	-	-	-	32.65
KS		PT-Transmission	5	3,976,965	172,996.33	50.00	67,687.94	-	-	7,238.07	10,291.26	-	-	-	-	-	37,312.53
KS		SH-Small Heating	2	37	50.84	-	0.50	-	-	0.07	-	-	-	-	-	-	0.57
KS		TEB-Total Electric Bldg	2	11,840	1,049.92	-	160.07	-	-	21.54	-	-	-	-	-	-	155.22
KS	Industrial Total		44	5,185,790	265,000.01	446.46	84,953.48	-	-	9,438.19	10,291.26	-	-	-	-	-	50,894.61
KS	Muni Street & Highway Lighting	CB-Commercial	46	12,556	2,023.51	-	169.77	-	-	22.81	-	-	-	-	-	-	170.35
KS		LS-Special Lighting	11	4,499	604.39	-	60.83	-	-	8.19	-	-	-	-	-	-	3.91
KS		PL-Private Lighting	-	777	171.62	-	10.73	-	-	1.42	-	-	-	-	-	-	1.95
KS		SPL-Municipal St Lighting	-	110,255	10,194.41	-	1,876.55	-	-	200.67	4,053.14	-	-	-	-	-	342.89
KS	Muni Street & Highway Lighting Total		57	128,087	12,993.93	-	2,117.88	-	-	233.09	4,053.14	-	-	-	-	-	519.10
KS	Other Public Authority	CB-Commercial	82	111,899	10,995.70	-	1,512.90	-	-	203.67	48.78	-	-	-	-	-	1,512.90
KS		GP-General Power	12	281,864	18,276.62	-	3,810.79	-	-	512.99	-	-	-	-	-	-	2,188.38
KS		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	-	157	39.52	-	2.12	-	-	0.29	-	-	-	-	-	-	0.39
KS		SH-Small Heating	3	9,800	764.06	-	132.49	-	-	17.83	-	-	-	-	-	-	151.80
KS		TEB-Total Electric Bldg	1	13,920	1,089.59	-	188.20	-	-	25.33	-	-	-	-	-	-	182.49
KS	Other Public Authority Total		98	417,640	31,165.49	-	5,646.50	-	-	760.11	48.78	-	-	-	-	-	4,035.96
KS	Interdepartmental	CB-Commercial	5	5,834	531.16	-	78.87	-	-	10.62	-	-	-	-	-	-	79.46
KS		GP-General Power	2	4,320	1,170.88	-	65.13	-	-	7.85	-	-	-	-	-	-	46.29
KS	Interdepartmental Total		7	10,154	1,702.04	-	144.00	-	-	18.47	-	-	-	-	-	-	125.75
KS	Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS	Wholesale Municipalities Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

KS Total			9,667	20,129,814	1,426,872.45	43,814.03	287,284.23	-	-	36,653.70	15,125.52	-	-	-	-	-	270,408.48	2,080,158.41
MO	Residential	NM-Net Metering	-	(311)	(0.15)	-	0.13	-	-	-	-	-	-	0.12	-	-	-	0.10
MO		PL-Private Lighting	133	339,389	127,221.87	654.97	135.06	-	-	-	-	-	-	-	-	-	(3,126.09)	124,885.81
MO		RGL-Residential Pilot	565	480,418	62,484.35	2,049.84	207.30	-	-	-	-	-	-	-	-	-	(2,217.99)	62,713.86
MO		RG-Residential	132,559	146,489,229	20,712,348.84	618,366.19	63,226.26	-	-	-	-	-	-	57,894.11	-	-	(689,448.50)	20,762,386.90
MO	Residential Total		133,257	147,308,725	20,902,054.91	621,071.00	63,568.75	-	-	-	-	-	-	58,084.59	-	-	(694,792.58)	20,949,986.67
MO	Commercial	CB-Commercial	16,758	27,210,809	3,946,780.41	112,731.90	11,782.03	-	-	-	55.90	-	-	18,599.74	-	-	(124,027.79)	3,965,922.19
MO		GP-General Power	1,486	55,464,156	5,952,090.11	63,782.78	23,784.17	-	-	-	7,173.72	-	-	34,932.96	-	-	(183,343.37)	5,898,420.37
MO		LP-Large Power	7	11,905,196	1,065,644.10	1,910.80	5,119.24	-	-	-	41,517.15	-	-	2,923.63	-	-	(34,837.76)	1,082,277.16
MO		LS-Special Lighting	44	18,761	3,247.76	46.24	6.57	-	-	-	-	-	-	9.40	-	-	(111.06)	3,198.91
MO		MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	110	657,134	201,132.16	2,578.71	280.88	-	-	-	536.36	-	-	0.47	-	-	(6,007.13)	198,521.45
MO		SH-Small Heating	2,972	6,351,984	881,626.44	22,396.01	2,750.46	-	-	-	-	-	-	4,258.76	-	-	(26,791.12)	884,240.55
MO		TEB-Total Electric Bldg	899	25,445,946	3,022,395.43	35,643.56	10,929.18	-	-	-	1,132.76	-	-	16,703.79	-	-	(93,426.27)	2,993,378.45
MO	Commercial Total		22,276	127,053,986	15,072,916.41	239,090.00	54,652.53	-	-	-	50,415.89	-	-	77,428.75	-	-	(468,544.50)	15,025,959.08
MO	Industrial	CB-Commercial	62	188,210	25,913.62	989.18	82.62	-	-	-	123.54	-	-	395.66	-	-	(841.64)	26,662.98
MO		GP-General Power	136	15,038,245	1,526,176.16	11,866.45	6,466.41	-	-	-	12,701.49	-	-	7,768.22	-	-	(53,604.04)	1,511,374.69
MO		LP-Large Power	29	53,441,829	4,798,618.75	960.00	22,980.00	-	-	-	62,213.14	-	-	7,113.92	-	-	(158,856.71)	4,733,029.10
MO		PFM-Feed Mill/Grain Elev	10	40,166	7,510.19	265.88	17.27	-	-	-	-	-	-	28.30	-	-	(217.01)	7,604.63
MO		PL-Private Lighting	2	33,541	8,945.91	202.32	14.43	-	-	-	-	-	-	-	-	-	(348.44)	8,814.22
MO		SC-P PRAXAIR Transmission	1	6,012,032	423,828.51	-	2,585.17	-	-	-	72.00	-	-	-	-	-	(14,729.48)	411,756.20
MO		SH-Small Heating	9	22,596	3,099.22	48.73	9.71	-	-	-	-	-	-	15.23	-	-	(92.38)	3,080.51
MO		TEB-Total Electric Bldg	14	1,375,457	170,519.44	3,267.54	591.46	-	-	-	4,138.09	-	-	892.48	-	-	(5,026.34)	174,382.67
MO		Oil Pipe GP-General Power	5	702,885	78,779.35	-	302.25	-	-	-	-	-	-	499.05	-	-	(2,600.68)	76,979.97
MO		Oil Pipe LP-Large Power	5	5,221,359	477,834.63	-	2,245.19	-	-	-	-	-	-	-	-	-	(15,559.65)	464,520.17
MO	Industrial Total		273	82,076,320	7,521,225.78	17,600.10	35,294.51	-	-	-	79,520.38	-	-	16,440.74	-	-	(251,876.37)	7,418,205.14
MO	Muni Street & Highway Lighting	CB-Commercial	341	117,919	23,194.67	-	84.19	-	-	-	-	-	-	80.14	-	-	(524.25)	22,834.75
MO		GP-General Power	3	82,480	10,587.92	-	35.47	-	-	-	-	-	-	57.97	-	-	(296.83)	10,384.53
MO		LS-Special Lighting	77	14,694	3,403.43	-	35.30	-	-	-	-	-	-	(4.50)	-	-	(77.81)	3,356.42
MO		MS-Miscellaneous	2	11,295	1,180.18	-	4.86	-	-	-	-	-	-	-	-	-	(21.00)	1,164.04
MO		PL-Private Lighting	-	7,678	2,074.69	-	3.23	-	-	-	-	-	-	-	-	-	(75.36)	2,002.56
MO		SH-Small Heating	2	1,294	211.92	-	0.56	-	-	-	-	-	-	0.92	-	-	(6.13)	207.27
MO		SPL-Municipal St Lighting	7	1,284,655	189,295.09	-	552.37	-	-	-	87,336.34	-	-	-	-	-	(7,682.24)	269,501.56
MO	Muni Street & Highway Lighting Total		432	1,520,015	229,947.90	-	715.98	-	-	-	87,336.34	-	-	134.53	-	-	(8,683.62)	309,451.13
MO	Other Public Authority	CB-Commercial	1,116	1,344,761	201,200.85	-	588.81	-	-	-	-	-	-	911.97	-	-	(5,929.23)	196,772.40
MO		GP-General Power	168	5,665,726	611,363.31	-	2,428.23	-	-	-	1,186.02	-	-	3,894.47	-	-	(19,139.72)	599,732.31
MO		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	-	1,053	365.15	-	0.44	-	-	-	-	-	-	-	-	-	(8.69)	356.90
MO		SH-Small Heating	42	81,941	11,439.70	-	35.25	-	-	-	-	-	-	55.90	-	-	(347.33)	11,183.52
MO		TEB-Total Electric Bldg	19	492,484	63,149.34	-	211.78	-	-	-	-	-	-	337.23	-	-	(1,814.25)	61,884.10
MO	Other Public Authority Total		1,345	7,585,965	887,518.35	-	3,264.51	-	-	-	1,186.02	-	-	5,199.57	-	-	(27,239.22)	869,929.23
MO	Interdepartmental	CB-Commercial	78	179,904	24,572.52	-	77.36	-	-	-	-	-	-	125.03	-	-	(850.76)	23,924.15
MO		GP-General Power	4	164,851	13,428.90	-	70.89	-	-	-	-	-	-	114.06	-	-	(567.69)	13,046.16
MO		PL-Private Lighting	-	253	68.32	-	0.11	-	-	-	-	-	-	-	-	-	(2.48)	65.95
MO	Interdepartmental Total		82	345,008	38,069.74	-	148.36	-	-	-	-	-	-	239.09	-	-	(1,420.93)	37,036.26
MO	Wholesale Municipalities	GFR-Lockwood	1	1,075,547	46,500.56	-	22,156.27	-	-	-	-	-	-	-	-	-	-	68,656.83
MO		GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO	Wholesale Municipalities Total		1	1,075,547	46,500.56	-	22,156.27	-	-	-	-	-	-	-	-	-	-	68,656.83

MO Total			157,666	366,965,566	44,698,233.65	877,761.10	179,800.91	-	-	-	218,458.63	-	-	157,527.27	-	-	(1,452,557.22)	-	44,679,224.34	
OK	Residential	PL-Private Lighting	8	34,112	8,402.24	-	878.35	-	-	-	-	-	-	3.10	-	-	-	-	9,283.69	
OK		RG-Residential	2,877	3,343,908	318,593.00	11,729.58	85,995.55	-	-	-	-	-	-	3,345.21	-	-	-	(46,179.00)	373,484.34	
OK		RH-Residential Total Elec	910	1,309,288	109,392.11	2,056.17	33,715.31	-	-	-	-	-	-	1,309.84	-	-	-	-	135,226.70	
OK	Residential Total		3,795	4,687,308	436,387.35	13,785.75	120,589.21	-	-	-	-	-	-	4,658.15	-	-	-	(57,425.73)	517,994.73	
OK	Commercial	CB-Commercial	718	1,117,379	121,899.27	2,669.14	28,754.82	-	-	-	-	-	-	346.44	-	-	-	(21,699.58)	131,970.09	
OK		GP-General Power	126	1,855,921	131,776.27	-	47,771.39	-	-	-	-	-	-	575.34	-	-	-	(15,292.76)	164,830.24	
OK		LS-Special Lighting	9	1,924	284.60	-	48.48	-	-	-	-	-	-	0.17	-	-	-	(56.32)	276.93	
OK		PL-Private Lighting	7	43,703	9,015.98	-	1,120.98	-	-	-	-	-	-	4.13	-	-	-	-	10,141.09	
OK		PT-Transmission	1	1,756,800	79,012.71	-	38,825.28	-	-	-	-	-	-	4,665.22	281.09	-	-	(9,574.56)	113,209.74	
OK		TEB-Total Electric Bldg	25	234,436	20,452.63	-	6,034.39	-	-	-	-	-	-	281.30	-	-	-	(1,155.76)	25,612.56	
OK		NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OK	Commercial Total		887	5,010,163	362,441.46	2,669.14	122,555.34	-	-	-	-	-	-	4,665.22	1,488.47	-	-	(47,778.98)	446,040.65	
OK	Industrial	CB-Commercial	2	5	41.11	-	0.13	-	-	-	-	-	-	-	-	-	-	(0.10)	41.14	
OK		GP-General Power	5	348,320	26,944.29	73.89	8,965.76	-	-	-	-	-	-	2,045.83	107.98	-	-	(2,870.16)	35,267.59	
OK		PL-Private Lighting	-	1,059	306.32	-	26.75	-	-	-	-	-	-	0.09	-	-	-	-	333.16	
OK		PT-Transmission	3	1,526,889	77,620.97	-	35,347.87	-	-	-	-	-	-	8,788.35	244.31	-	-	(8,321.55)	113,679.95	
OK		Oil Pipe PT-Transmission	1	668,000	36,967.40	-	14,762.80	-	-	-	-	-	-	106.88	-	-	-	(3,640.60)	48,196.48	
OK	Industrial Total		11	2,544,273	141,880.09	73.89	59,103.31	-	-	-	-	-	-	10,834.18	459.26	-	-	(14,832.41)	197,518.32	
OK	Muni Street & Highway Lighting	CB-Commercial	11	2,452	498.76	-	63.12	-	-	-	-	-	-	0.77	-	-	-	(47.62)	515.03	
OK		LS-Special Lighting	1	280	45.64	-	7.21	-	-	-	-	-	-	0.03	-	-	-	(8.20)	44.68	
OK		PL-Private Lighting	1	205	52.80	-	5.27	-	-	-	-	-	-	0.03	-	-	-	-	58.10	
OK		SPL-Municipal St Lighting	-	45,344	5,506.10	-	1,019.67	-	-	-	-	-	-	1,032.16	4.09	-	-	(1,030.21)	6,531.81	
OK	Muni Street & Highway Lighting Total		13	48,281	6,103.30	-	1,095.27	-	-	-	-	-	-	1,032.16	4.92	-	-	(1,086.03)	7,149.62	
OK	Other Public Authority	CB-Commercial	72	96,554	10,902.29	-	2,485.25	-	-	-	-	-	-	29.91	-	-	-	(1,875.09)	11,542.36	
OK		GP-General Power	6	81,600	7,180.75	-	2,100.39	-	-	-	-	-	-	25.29	-	-	-	(672.39)	8,634.04	
OK		TEB-Total Electric Bldg	1	1,208	170.53	-	31.09	-	-	-	-	-	-	1.45	-	-	-	(5.96)	197.11	
OK	Other Public Authority Total		79	179,362	18,253.57	-	4,616.73	-	-	-	-	-	-	56.65	-	-	-	(2,553.44)	20,373.51	
OK Total			4,785	12,469,386	965,065.77	16,528.78	307,959.86	-	-	-	-	-	-	16,531.56	6,667.45	-	-	(123,676.59)	1,189,076.83	
Grand Total			177,098	415,457,328	48,163,153.39	960,642.66	1,155,154.50	50,336.10	55,808.27	36,653.70	262,145.81	6,667.45	23,743.06	157,316.75	36,107.96	-	-	(1,597,572.60)	270,408.48	49,580,565.53

Electric Revenue Summary by Rate
Total Company Electric
October 31, 2020

Revenue Class	Plan Description	Values																
		Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcilty	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts	TDC
Residential	NM-Net Metering	-	(2,560)	(399.42)	-	1.87	-	-	-	-	-	(0.96)	-	-	-	7.13	-	(391.38)
	PL-Private Lighting	165	439,023	150,263.96	740.22	2,589.84	22.60	31.00	96.05	-	9.48	36.82	-	-	-	(429.41)	129.35	153,489.91
	RGL-Residential Pilot	552	374,850	47,246.22	1,556.87	161.14	-	-	-	-	-	-	-	-	-	(266.41)	-	48,862.93
	RG-Residential	145,417	113,799,761	15,243,493.26	485,755.53	250,977.75	11,672.43	14,355.67	6,600.32	-	1,290.22	1,097.54	51,524.69	9,275.94	-	(119,518.49)	61,246.37	16,017,771.23
	RG-Residential Water Heat	739	735,179	56,116.36	2,114.14	13,146.42	-	-	1,338.02	-	-	-	-	-	-	-	-	85,190.66
	RH-Residential Total Elec	2,817	2,787,083	211,695.19	5,043.67	64,429.16	-	-	3,406.90	-	550.18	-	-	-	-	(2,477.25)	30,945.21	313,593.06
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Total		149,690	118,133,336	15,708,415.57	495,210.43	331,306.18	11,695.03	14,386.67	11,441.29	-	1,849.88	1,134.36	51,688.84	9,275.94	-	(122,684.43)	104,796.65	16,618,516.41
Commercial	CB-Commercial	19,173	13,233,881	3,009,153.98	102,828.90	(130,898.45)	3,595.60	4,398.90	(19,443.25)	74.08	372.37	(98.73)	13,071.47	2,725.20	-	(24,930.01)	17,051.03	2,977,901.09
	GP-General Power	1,676	63,599,808	5,549,912.76	59,591.06	355,746.22	4,405.82	4,665.83	25,142.29	7,843.06	590.68	(363.36)	24,505.27	3,051.26	-	(25,902.58)	20,019.13	6,029,207.44
	LP-Large Power	7	10,664,345	909,288.97	1,385.78	4,585.67	-	-	-	41,517.15	-	-	2,094.46	-	-	(10,479.14)	-	948,392.89
	LS-Special Lighting	65	32,155	4,968.51	73.76	313.06	1.15	3.73	11.01	-	1.25	1.78	5.14	-	-	(159.74)	5.27	5,224.92
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NM-Net Metering	-	(2,590)	(78.71)	-	-	-	-	-	-	-	-	-	-	-	-	-	(78.71)
	PL-Private Lighting	138	778,941	221,848.99	2,706.45	3,417.74	41.69	52.53	99.42	605.36	10.41	64.43	0.36	-	-	(902.29)	136.80	228,081.89
	PT-Transmission	1	1,574,400	72,138.24	-	39,827.60	-	-	-	4,665.22	251.90	-	-	-	-	(8,580.48)	-	108,302.48
	SH-Small Heating	3,091	4,846,895	612,876.07	16,731.43	4,395.64	-	-	242.60	-	-	(43.15)	2,361.43	-	-	(3,740.43)	2,064.89	634,888.48
	TEB-Total Electric Bldg	964	22,506,940	2,456,986.17	30,478.87	26,071.59	-	-	990.05	1,132.76	143.19	-	10,444.85	-	-	(17,865.36)	7,131.64	2,515,513.76
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Total		25,116	117,234,775	12,837,094.98	213,796.25	303,459.07	8,044.26	9,120.99	7,042.12	55,837.63	1,369.80	(439.03)	52,482.98	5,776.46	-	(92,560.03)	46,408.76	13,447,434.24
Industrial	CB-Commercial	72	192,396	24,749.89	936.83	329.52	9.92	12.14	19.26	395.66	-	5.83	84.20	7.52	-	(115.63)	144.16	26,579.30
	GP-General Power	173	17,143,848	1,710,012.27	11,632.45	47,980.24	1,679.13	2,292.80	1,887.42	17,839.34	114.42	1,232.85	4,789.18	1,499.38	-	(18,747.26)	14,482.98	1,796,695.20
	LP-Large Power	30	50,200,455	4,575,536.07	960.00	21,586.22	-	-	-	62,213.14	-	-	5,579.40	-	-	(69,067.05)	-	4,596,807.78
	PFM-Feed Mill/Grain Elev	10	47,651	8,222.04	265.00	20.49	-	-	-	-	-	-	22.04	-	-	(5.74)	-	8,523.83
	PL-Private Lighting	2	53,502	12,419.98	274.37	408.71	8.46	10.58	23.70	395.21	0.23	3.48	-	-	-	(147.83)	32.65	13,429.54
	PT-Transmission	11	12,304,202	619,851.30	150.00	265,527.27	17,027.09	18,616.18	6,654.52	24,114.36	356.70	3,574.90	-	12,304.87	-	(10,712.17)	35,858.67	993,323.69
	SC-P PRAXAIR Transmission	1	5,521,131	402,691.09	-	2,374.09	-	-	-	72.00	-	-	-	-	-	(13,526.77)	-	391,610.41
	SH-Small Heating	11	20,810	2,224.66	35.87	74.98	-	-	7.41	-	-	-	7.15	-	-	7.18	63.72	2,420.97
	TEB-Total Electric Bldg	16	801,926	107,007.59	3,427.41	545.86	-	-	20.97	4,138.09	-	-	400.16	-	-	(1,119.98)	151.03	114,571.13
	Oil Pipe PT-Transmission	1	800,000	46,258.24	-	20,237.60	-	-	-	-	128.00	-	-	-	-	(4,360.00)	-	62,263.84
	Oil Pipe GP-General Power	5	660,421	72,911.47	-	283.99	-	-	-	-	-	-	374.02	-	-	(1,093.37)	-	72,476.11
	Oil Pipe LP-Large Power	5	4,149,165	432,261.61	-	1,784.14	-	-	-	-	-	-	-	-	-	(5,770.53)	-	428,275.22
Industrial Total		337	91,895,507	8,014,146.21	17,681.93	361,153.11	18,724.60	20,931.70	8,613.28	109,167.80	599.35	4,817.06	11,256.15	13,811.77	-	(124,659.15)	50,733.21	8,506,977.02
Muni Street & Highway Lighting	CB-Commercial	423	138,429	26,085.52	-	431.50	16.38	20.07	21.51	-	0.85	9.63	61.70	12.44	-	(179.97)	161.05	26,640.68
	GP-General Power	3	47,840	7,297.64	-	20.57	-	-	-	-	-	-	25.46	-	-	(55.86)	-	7,287.81
	LS-Special Lighting	95	22,140	4,827.49	-	38.09	1.75	5.60	(0.77)	-	0.05	2.65	1.99	-	-	(63.01)	(0.24)	4,813.60
	MS-Miscellaneous	2	11,295	1,161.74	-	4.86	-	-	-	-	-	-	-	-	-	-	-	1,166.60
	PL-Private Lighting	1	9,371	2,342.34	-	40.79	1.04	1.27	1.42	-	0.04	1.58	-	-	-	(8.77)	1.95	2,381.66
	SH-Small Heating	2	1,284	207.96	-	0.56	-	-	-	-	-	-	0.75	-	-	(3.13)	-	206.14
	SPL-Municipal St Lighting	7	1,613,450	202,858.83	-	4,791.12	79.29	105.73	217.15	94,194.05	4.42	121.70	-	-	-	(5,064.81)	371.07	297,675.55
Muni Street & Highway Lighting Total		533	1,843,809	244,781.52	-	5,327.49	98.46	132.67	239.31	94,194.05	5.36	135.56	89.90	12.44	-	(5,375.55)	533.83	340,178.04
Other Public Authority	CB-Commercial	1,349	1,244,092	171,652.55	-	6,238.12	262.89	321.61	166.64	48.78	33.25	(35.64)	659.72	199.30	-	(928.15)	1,247.59	179,866.66
	GP-General Power	191	6,314,610	598,664.76	-	19,714.83	1,323.41	867.77	459.60	1,186.02	25.03	971.68	2,839.97	567.48	-	(4,013.33)	2,080.62	624,687.84
	LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PL-Private Lighting	-	1,275	404.70	-	4.80	0.09	0.12	0.29	-	-	0.14	-	-	-	(0.61)	0.39	409.92
	SH-Small Heating	45	70,790	8,593.28	-	130.92	-	-	10.48	-	-	-	32.17	-	-	(51.11)	89.22	8,804.96
	TEB-Total Electric Bldg	21	426,653	52,726.91	-	376.20	-	-	18.93	-	-	0.23	214.82	-	-	(427.12)	136.34	53,046.31
Other Public Authority Total		1,606	8,057,420	832,042.20	-	26,464.87	1,586.39	1,189.50	655.94	1,234.80	58.51	936.18	3,746.68	766.78	-	(5,420.32)	3,554.16	866,815.69
Interdepartmental	CB-Commercial	135	134,853	16,725.35	-	213.91	-	-	16.26	-	-	-	60.39	-	-	(70.57)	121.71	17,067.05
	GP-General Power	6	148,753	13,817.17	-	94.68	-	-	3.20	-	-	-	70.00	-	-	(46.78)	29.80	13,968.07
	PL-Private Lighting	-	253	66.55	-	0.11	-	-	-	-	-	-	-	-	-	-	-	66.66
Interdepartmental Total		141	283,859	30,609.07	-	308.70	-	-	19.46	-	-	-	130.39	-	-	(117.35)	151.51	31,101.78
WA-Commercial	WA-Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WA-Commercial Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WA-Residential	WA-Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WA-Residential Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Lockwood	1	855,998	39,129.00	-	22,153.23	-	-	-	-	-	-	-	-	-	-	-	61,282.23
	GFR-Monnett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale Municipalities Total		1	855,998	39,129.00	-	22,153.23	-	-	-	-	-	-	-	-	-	-	-	61,282.23
WA-Industrial</																		

St	Revenue Class	Plan Description	Values																	
			Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	Total Revenue
AR	Residential	NM-Net Metering	-	(2,030)	(142.64)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(142.64)
AR		PL-Private Lighting	4	16,635	2,671.77	6.86	397.11	22.60	31.00	-	-	-	36.82	-	-	-	-	-	(151.29)	3,014.87
AR		RG-Residential	4,177	2,853,999	265,628.68	12,116.05	68,266.41	11,672.43	14,355.67	-	-	-	6,096.44	210.52	9,275.94	-	-	-	(11,195.94)	376,426.20
AR	Residential Total		4,181	2,868,604	268,157.81	12,122.91	68,663.52	11,695.03	14,386.67	-	-	-	6,133.26	210.52	9,275.94	-	-	-	(11,347.23)	379,298.43
AR	Commercial	CB-Commercial	624	956,300	83,028.56	2,716.25	22,874.71	3,595.60	4,398.90	-	-	-	18.18	-	2,100.26	-	-	-	(3,080.54)	118,377.12
AR		GP-General Power	61	1,463,743	101,656.59	337.21	35,012.72	4,405.82	4,665.83	-	-	-	6.00	-	3,234.84	-	-	-	1,311.40	153,681.67
AR		LS-Special Lighting	3	803	149.16	1.46	19.21	1.15	3.73	-	-	-	-	-	1.78	-	-	-	(19.05)	157.44
AR		PL-Private Lighting	2	29,148	4,005.86	37.69	697.09	41.69	52.53	-	-	-	-	-	64.43	-	-	-	(217.20)	4,682.09
AR	Commercial Total		690	2,449,994	188,840.17	3,092.61	58,603.73	8,044.26	9,120.99	-	-	-	24.18	-	5,401.31	-	-	-	(2,005.39)	276,898.32
AR	Industrial	CB-Commercial	1	2,639	239.19	13.15	63.12	9.92	12.14	-	-	-	-	-	5.83	-	-	-	(8.90)	341.97
AR		GP-General Power	5	557,851	43,599.06	100.00	13,343.80	1,679.13	2,292.80	-	-	-	3,101.85	-	1,232.85	-	-	-	562.42	67,411.29
AR		PL-Private Lighting	-	5,882	522.32	8.04	140.70	8.46	10.58	-	-	-	-	-	3.48	-	-	-	(30.14)	1,058.65
AR		PT-Transmission	3	6,677,292	346,178.95	100.00	159,720.82	17,027.09	18,616.18	-	-	-	6,918.05	-	3,574.90	-	-	-	(2,042.46)	562,398.40
AR	Industrial Total		9	7,243,664	390,539.52	221.19	173,268.44	18,724.60	20,931.70	-	-	-	10,415.11	-	4,817.06	-	-	-	(1,519.08)	631,210.31
AR	Muni Street & Highway Lighting	CB-Commercial	24	4,362	707.52	-	104.33	16.38	20.07	-	-	-	-	-	9.63	-	-	-	(26.30)	844.07
AR		LS-Special Lighting	6	1,203	295.01	-	28.79	1.75	5.60	-	-	-	-	-	2.65	-	-	-	(37.70)	296.10
AR		PL-Private Lighting	-	711	93.93	-	17.01	1.04	1.27	-	-	-	-	-	1.58	-	-	-	(5.43)	109.40
AR		SPL-Municipal St Lighting	-	55,069	2,161.74	-	1,317.25	79.29	105.73	-	-	-	1,590.81	-	121.70	-	-	-	(70.68)	5,305.84
AR	Muni Street & Highway Lighting Total		30	61,345	3,258.20	-	1,467.38	98.46	132.67	-	-	-	1,590.81	-	135.56	-	-	-	(140.11)	6,555.41
AR	Other Public Authority	CB-Commercial	79	69,914	6,941.49	-	1,672.34	262.89	321.61	-	-	-	-	-	154.51	-	-	-	(258.17)	9,293.97
AR		GP-General Power	5	439,670	22,486.64	-	10,516.91	1,323.41	867.77	-	-	-	-	-	971.68	-	-	-	290.08	37,023.97
AR		PL-Private Lighting	-	65	8.11	-	1.55	0.09	0.12	-	-	-	-	-	0.14	-	-	-	(0.47)	9.54
AR	Other Public Authority Total		84	509,649	29,436.24	-	12,190.80	1,586.39	1,189.50	-	-	-	-	-	1,126.33	-	-	-	31.44	46,327.48
AR	Total		4,994	13,133,255	880,231.94	15,436.71	314,193.87	40,148.74	45,761.53	-	-	-	12,030.10	-	17,613.52	210.52	29,643.39	-	(14,980.37)	1,340,289.95

Electric Revenue Summary by Rate
Total Company Electric by State
October 31, 2020

KS	Residential	NM-Net Metering	-	(2,983)	(83.43)	-	-	-	-	-	-	-	-	-	-	-	(83.43)	
KS		PL-Private Lighting	19	51,042	15,945.62	88.38	909.76	-	-	96.05	-	-	-	-	-	-	129.35	17,169.16
KS		RG-Residential	5,532	3,626,472	317,032.62	17,977.78	64,978.46	-	-	6,600.32	-	-	-	-	-	-	61,246.37	467,835.55
KS		RG-Residential Water Heat	739	735,179	56,116.36	2,114.14	13,146.42	-	-	1,338.02	-	-	-	-	-	-	12,475.72	85,190.66
KS		RH-Residential Total Elec	1,906	1,870,938	134,342.11	3,526.37	33,509.25	-	-	3,406.90	-	-	-	-	-	-	30,945.21	205,729.84
KS	Residential Total		8,196	6,280,648	523,353.28	23,706.67	112,543.89	-	-	11,441.29	-	-	-	-	-	-	104,796.65	775,841.78
KS	Commercial	CB-Commercial	1,058	(10,683,130)	(279,343.03)	5,024.53	(191,013.39)	-	-	(19,443.25)	-	-	-	-	-	-	17,051.03	(467,724.11)
KS		GP-General Power	67	13,814,450	546,153.09	725.00	246,723.85	-	-	25,142.29	663.34	-	-	-	-	-	20,019.13	839,426.70
KS		LS-Special Lighting	7	6,044	727.95	9.04	108.07	-	-	11.01	-	-	-	-	-	-	5.27	861.34
KS		NM-Net Metering	-	(2,590)	(78.71)	-	-	-	-	-	-	-	-	-	-	-	-	(78.71)
KS		PL-Private Lighting	17	54,405	13,662.91	150.28	972.01	-	-	99.42	69.00	-	-	-	-	-	136.80	15,090.42
KS		PT-Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		SH-Small Heating	97	133,302	11,716.02	511.61	2,371.45	-	-	242.60	-	-	-	-	-	-	2,064.89	16,906.57
KS		TEB-Total Electric Bldg	36	543,983	39,063.11	309.20	9,684.55	-	-	990.05	-	-	-	-	-	-	7,131.64	57,178.55
KS	Commercial Total		1,282	3,866,464	331,901.34	6,729.66	68,846.54	-	-	7,042.12	732.34	-	-	-	-	-	46,408.76	461,660.76
KS	Industrial	CB-Commercial	8	10,584	1,058.47	59.75	189.25	-	-	19.26	-	-	-	-	-	-	144.16	1,470.89
KS		GP-General Power	27	1,037,040	86,447.93	275.00	17,644.98	-	-	1,887.42	-	-	-	-	-	-	14,482.98	120,738.31
KS		PL-Private Lighting	-	13,008	2,793.92	61.72	219.08	-	-	23.70	-	-	-	-	-	-	32.65	3,131.07
KS		PT-Transmission	5	3,656,321	170,175.99	50.00	49,433.47	-	-	6,654.52	10,291.26	-	-	-	-	-	35,858.67	272,463.91
KS		SH-Small Heating	2	4,068	358.01	-	67.44	-	-	7.41	-	-	-	-	-	-	63.72	496.58
KS		TEB-Total Electric Bldg	2	11,520	1,003.68	-	205.98	-	-	20.97	-	-	-	-	-	-	151.03	1,381.66
KS	Industrial Total		44	4,732,541	261,838.00	446.47	67,760.20	-	-	8,613.28	10,291.26	-	-	-	-	-	50,733.21	399,682.42
KS	Muni Street & Highway Lighting	CB-Commercial	46	11,825	1,962.55	-	211.40	-	-	21.51	-	-	-	-	-	-	161.05	2,356.51
KS		LS-Special Lighting	11	(425)	122.09	-	(6.54)	-	-	(0.77)	-	-	-	-	-	-	(0.24)	114.54
KS		PL-Private Lighting	-	777	171.62	-	13.62	-	-	1.42	-	-	-	-	-	-	1.95	188.61
KS		SPL-Municipal St Lighting	-	119,317	10,194.41	-	1,613.17	-	-	217.15	4,053.14	-	-	-	-	-	371.07	16,448.94
KS	Muni Street & Highway Lighting Total		57	131,494	12,450.67	-	1,831.65	-	-	239.31	4,053.14	-	-	-	-	-	533.83	19,108.60
KS	Other Public Authority	CB-Commercial	82	91,578	9,384.32	-	1,637.86	-	-	166.64	48.78	-	-	-	-	-	1,247.59	12,485.19
KS		GP-General Power	12	252,537	17,112.74	-	4,515.35	-	-	459.60	-	-	-	-	-	-	2,080.62	24,168.31
KS		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	-	157	39.52	-	2.81	-	-	0.29	-	-	-	-	-	-	0.39	43.01
KS		SH-Small Heating	3	5,760	480.73	-	102.98	-	-	10.48	-	-	-	-	-	-	89.22	683.41
KS		TEB-Total Electric Bldg	1	10,400	880.68	-	185.95	-	-	18.93	-	-	-	-	-	-	136.34	1,221.90
KS	Other Public Authority Total		98	360,432	27,897.99	-	6,444.95	-	-	655.94	48.78	-	-	-	-	-	3,554.16	38,601.82
KS	Interdepartmental	CB-Commercial	13	8,936	787.48	-	159.78	-	-	16.26	-	-	-	-	-	-	121.71	1,085.23
KS		GP-General Power	2	1,760	1,083.84	-	31.47	-	-	3.20	-	-	-	-	-	-	29.80	1,148.31
KS	Interdepartmental Total		15	10,696	1,871.32	-	191.25	-	-	19.46	-	-	-	-	-	-	151.51	2,233.54
KS	Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS	Wholesale Municipalities Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Electric Revenue Summary by Rate
Total Company Electric by State
October 31, 2020

KS Total			9,692	15,382,275	1,159,312.60	30,882.80	257,618.48	-	-	28,011.40	15,125.52	-	-	-	-	-	206,178.12	1,697,128.92
MO	Residential	NM-Net Metering	-	2,453	(173.35)	-	1.87	-	-	-	-	-	(0.96)	-	-	-	7.13	(165.31)
MO		PL-Private Lighting	134	337,531	123,313.73	644.98	135.95	-	-	-	-	-	-	-	-	-	(278.12)	123,816.54
MO		RGL-Residential Pilot	552	374,850	47,246.22	1,556.87	161.14	-	-	-	-	-	-	165.11	-	-	(266.41)	48,862.93
MO		RG-Residential	132,820	105,172,499	14,446,642.74	447,583.04	45,314.76	-	-	-	-	(4,998.90)	51,314.17	-	-	-	(99,234.72)	14,886,621.09
MO	Residential Total		133,506	105,887,333	14,617,029.34	449,784.89	45,613.72	-	-	-	-	(4,998.90)	51,478.32	-	-	-	(99,772.12)	15,059,135.25
MO	Commercial	CB-Commercial	16,775	22,145,650	3,111,594.84	92,785.03	9,408.51	-	-	-	55.90	(2,198.99)	13,071.47	-	-	-	(17,315.03)	3,207,401.73
MO		GP-General Power	1,485	46,725,218	4,785,792.58	58,528.85	20,121.63	-	-	-	7,173.72	(3,598.20)	24,505.27	-	-	-	(22,217.25)	4,870,306.60
MO		LP-Large Power	7	10,664,345	909,288.97	1,385.78	4,585.67	-	-	-	41,517.15	-	2,094.46	-	-	-	(10,479.14)	948,392.89
MO		LS-Special Lighting	46	20,060	3,542.91	63.26	8.62	-	-	-	-	-	5.14	-	-	-	(17.95)	3,601.98
MO		MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	112	651,449	195,115.36	2,518.48	276.88	-	-	-	536.36	-	0.36	-	-	-	(685.09)	197,762.35
MO		SH-Small Heating	2,994	4,713,593	601,160.05	16,219.82	2,024.19	-	-	-	-	(43.15)	2,361.43	-	-	-	(3,740.43)	617,981.91
MO		TEB-Total Electric Bldg	903	21,755,436	2,400,097.43	30,169.67	9,381.98	-	-	-	1,132.76	-	10,444.85	-	-	-	(17,473.16)	2,433,753.53
MO	Commercial Total		22,322	106,675,751	12,006,592.14	201,670.89	45,807.48	-	-	-	50,415.89	-	(5,840.34)	52,482.98	-	-	(71,928.05)	12,279,200.99
MO	Industrial	CB-Commercial	61	179,169	23,411.24	863.93	77.01	-	-	-	395.66	-	84.20	-	-	-	(106.71)	24,725.33
MO		GP-General Power	136	15,239,725	1,554,952.96	11,203.99	6,553.03	-	-	-	12,691.66	-	4,789.18	-	-	-	(18,341.78)	1,571,849.04
MO		LP-Large Power	30	50,200,455	4,575,536.07	960.00	21,586.22	-	-	-	62,213.14	-	5,579.40	-	-	-	(69,067.05)	4,596,807.78
MO		PFM-Feed Mill/Grain Elev	10	47,651	8,222.04	265.00	20.49	-	-	-	-	-	22.04	-	-	-	(5.74)	8,523.83
MO		PL-Private Lighting	2	33,553	8,797.42	204.61	14.44	-	-	-	-	-	-	-	-	-	(117.69)	8,898.78
MO		SC-P PRAXAIR Transmission	1	5,521,131	402,691.09	-	2,374.09	-	-	-	72.00	-	-	-	-	-	(13,526.77)	391,610.41
MO		SH-Small Heating	9	16,742	1,866.65	35.87	7.54	-	-	-	-	-	7.15	-	-	-	7.18	1,924.39
MO		TEB-Total Electric Bldg	14	790,406	106,003.91	3,427.41	339.88	-	-	-	4,138.09	-	400.16	-	-	-	(1,119.98)	113,189.47
MO		Oil Pipe GP-General Power	5	660,421	72,911.47	-	283.99	-	-	-	-	-	374.02	-	-	-	(1,093.37)	72,476.11
MO		Oil Pipe LP-Large Power	5	4,149,165	432,261.61	-	1,784.14	-	-	-	-	-	-	-	-	-	(5,770.53)	428,275.22
MO	Industrial Total		273	76,838,418	7,186,654.46	16,960.81	33,040.83	-	-	-	79,510.55	-	11,256.15	-	-	-	(109,142.44)	7,218,280.36
MO	Muni Street & Highway Lighting	CB-Commercial	342	120,342	22,968.44	-	51.63	-	-	-	-	-	61.70	-	-	-	(141.87)	22,939.90
MO		GP-General Power	3	47,840	7,297.64	-	20.57	-	-	-	-	-	25.46	-	-	-	(55.86)	7,287.81
MO		LS-Special Lighting	77	21,162	4,377.72	-	9.09	-	-	-	-	-	1.99	-	-	-	(20.63)	4,368.17
MO		MS-Miscellaneous	2	11,295	1,161.74	-	4.86	-	-	-	-	-	-	-	-	-	-	1,166.60
MO		PL-Private Lighting	-	7,678	2,023.99	-	3.23	-	-	-	-	-	-	-	-	-	(3.34)	2,023.88
MO		SH-Small Heating	2	1,284	207.96	-	0.56	-	-	-	-	-	0.75	-	-	-	(3.13)	206.14
MO		SPL-Municipal St Lighting	7	1,389,994	184,996.58	-	597.63	-	-	-	87,517.94	-	-	-	-	-	(3,879.25)	269,232.90
MO	Muni Street & Highway Lighting Total		433	1,599,595	223,034.07	-	687.57	-	-	-	87,517.94	-	89.90	-	-	-	(4,104.08)	307,225.40
MO	Other Public Authority	CB-Commercial	1,115	1,008,716	146,563.06	-	433.89	-	-	-	-	(190.15)	659.72	-	-	-	(211.16)	147,255.36
MO		GP-General Power	168	5,554,763	552,467.63	-	2,399.31	-	-	-	1,186.02	-	2,839.97	-	-	-	(4,091.70)	554,801.23
MO		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	-	1,053	357.07	-	0.44	-	-	-	-	-	-	-	-	-	(0.14)	357.37
MO		SH-Small Heating	42	65,030	8,112.55	-	27.94	-	-	-	-	-	32.17	-	-	-	(51.11)	8,121.55
MO		TEB-Total Electric Bldg	19	415,915	51,766.40	-	178.84	-	-	-	-	-	214.82	-	-	-	(426.48)	51,733.58
MO	Other Public Authority Total		1,344	7,045,477	759,266.71	-	3,040.42	-	-	-	1,186.02	-	(190.15)	3,746.68	-	-	(4,780.59)	762,269.09
MO	Interdepartmental	CB-Commercial	122	125,917	15,937.87	-	54.13	-	-	-	-	-	60.39	-	-	-	(70.57)	15,981.82
MO		GP-General Power	4	146,993	12,733.33	-	63.21	-	-	-	-	-	70.00	-	-	-	(46.78)	12,819.76
MO		PL-Private Lighting	-	253	66.55	-	0.11	-	-	-	-	-	-	-	-	-	-	66.66
MO	Interdepartmental Total		126	273,163	28,737.75	-	117.45	-	-	-	-	-	130.39	-	-	-	(117.35)	28,868.24
MO	Wholesale Municipalities	GFR-Lockwood	1	855,998	39,129.00	-	22,153.23	-	-	-	-	-	-	-	-	-	-	61,282.23
MO		GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO	Wholesale Municipalities Total		1	855,998	39,129.00	-	22,153.23	-	-	-	-	-	-	-	-	-	-	61,282.23

MO Total			158,005	299,175,735	34,860,443.47	668,416.59	150,460.70	-	-	-	218,630.40	-	(11,029.39)	119,184.42	-	-	-	(289,844.63)	-	35,716,261.56
OK	Residential	PL-Private Lighting	8	33,815	8,332.84	-	1,147.02	-	-	-	-	-	9.48	-	-	-	-	-	-	9,489.34
OK		RG-Residential	2,888	2,146,791	214,189.22	8,078.66	72,418.12	-	-	-	-	1,290.22	-	-	-	-	-	(9,087.83)	-	286,888.39
OK		RH-Residential Total Elec	911	916,145	77,353.08	1,517.30	30,919.91	-	-	-	-	-	550.18	-	-	-	-	(2,477.25)	-	107,863.22
OK	Residential Total		3,807	3,096,751	299,875.14	9,595.96	104,485.05	-	-	-	-	-	1,849.88	-	-	-	-	(11,565.08)	-	404,240.95
OK	Commercial	CB-Commercial	716	815,061	93,873.61	2,303.09	27,831.72	-	-	-	-	-	372.37	-	-	-	-	(4,534.44)	-	119,846.35
OK		GP-General Power	63	1,596,397	116,310.50	-	53,888.02	-	-	-	-	-	590.68	-	-	-	-	(4,996.73)	-	165,792.47
OK		LS-Special Lighting	9	5,248	548.49	-	177.16	-	-	-	-	-	1.25	-	-	-	-	(122.74)	-	604.16
OK		PL-Private Lighting	7	43,938	9,064.86	-	1,471.76	-	-	-	-	-	10.41	-	-	-	-	-	-	10,547.03
OK		PT-Transmission	1	1,574,400	72,138.24	-	39,827.60	-	-	-	-	4,665.22	251.90	-	-	-	-	(8,580.48)	-	108,302.48
OK		TEB-Total Electric Bldg	25	207,521	17,825.63	-	7,005.06	-	-	-	-	-	143.19	-	-	-	-	(392.20)	-	24,581.68
OK		NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK	Commercial Total		822	4,242,565	309,761.33	2,303.09	130,201.32	-	-	-	-	4,665.22	1,369.80	-	-	-	-	(18,626.59)	-	429,674.17
OK	Industrial	CB-Commercial	2	4	40.99	-	0.14	-	-	-	-	-	-	-	-	-	-	(0.02)	-	41.11
OK		GP-General Power	5	309,232	25,012.32	53.46	10,438.43	-	-	-	-	2,045.83	114.42	-	-	-	-	(967.90)	-	36,696.56
OK		PL-Private Lighting	-	1,059	306.32	-	34.49	-	-	-	-	-	0.23	-	-	-	-	-	-	341.04
OK		PT-Transmission	3	1,970,589	103,496.36	-	56,372.98	-	-	-	-	6,905.05	356.70	-	-	-	-	(8,669.71)	-	158,461.38
OK		Oil Pipe PT-Transmission	1	800,000	46,258.24	-	20,237.60	-	-	-	-	-	128.00	-	-	-	-	(4,360.00)	-	62,263.84
OK	Industrial Total		11	3,080,884	175,114.23	53.46	87,083.64	-	-	-	-	8,950.88	599.35	-	-	-	-	(13,997.63)	-	257,803.93
OK	Muni Street & Highway Lighting	CB-Commercial	11	1,900	447.01	-	64.14	-	-	-	-	-	0.85	-	-	-	-	(11.80)	-	500.20
OK		LS-Special Lighting	1	200	32.67	-	6.75	-	-	-	-	-	0.05	-	-	-	-	(4.68)	-	34.79
OK		PL-Private Lighting	1	205	52.80	-	6.93	-	-	-	-	-	0.04	-	-	-	-	-	-	59.77
OK		SPL-Municipal St Lighting	-	49,071	5,506.10	-	1,263.07	-	-	-	-	1,032.16	4.42	-	-	-	-	(1,114.88)	-	6,690.87
OK	Muni Street & Highway Lighting Total		13	51,376	6,038.58	-	1,340.89	-	-	-	-	1,032.16	5.36	-	-	-	-	(1,131.36)	-	7,285.63
OK	Other Public Authority	CB-Commercial	73	73,884	8,763.68	-	2,494.03	-	-	-	-	-	33.25	-	-	-	-	(458.82)	-	10,832.14
OK		GP-General Power	6	67,640	6,597.75	-	2,283.26	-	-	-	-	-	25.03	-	-	-	-	(211.71)	-	8,694.33
OK		TEB-Total Electric Bldg	1	338	79.83	-	11.41	-	-	-	-	-	0.23	-	-	-	-	(0.64)	-	90.83
OK	Other Public Authority Total		80	141,862	15,441.26	-	4,788.70	-	-	-	-	-	58.51	-	-	-	-	(671.17)	-	19,617.30
OK Total			4,733	10,613,438	806,230.54	11,952.51	327,899.60	-	-	-	14,648.26	3,882.90	-	-	-	-	-	(45,991.83)	-	1,118,621.98
Grand Total			177,424	338,304,703	37,706,218.55	726,688.61	1,050,172.65	40,148.74	45,761.53	28,011.40	260,434.28	3,882.90	6,584.13	119,394.94	29,643.39	-	-	(350,816.83)	206,178.12	39,872,302.41

Electric Revenue Summary by Rate
Total Company Electric
November 30, 2020

Revenue Class	Plan Description	Values																			
		Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcilty	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts	TDC	Total Revenue		
Residential	NM-Net Metering	-	(6,366)	(229.92)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(229.92)		
	PL-Private Lighting	161	437,017	150,027.08	744.03	2,486.94	22.68	31.12	95.56	-	9.52	36.93	-	-	-	-	-	(134.13)	128.74	153,448.47	
	RGL-Residential Pilot	543	470,191	56,570.95	1,816.35	202.22	-	-	-	-	-	211.39	-	-	-	-	-	(0.38)	-	58,800.53	
	RG-Residential	145,556	118,877,198	15,196,002.30	459,076.64	278,555.03	3,796.06	15,273.72	7,637.08	-	1,298.88	11,705.26	52,583.82	1,743.63	-	-	-	(22,144.77)	70,874.90	16,076,402.56	
	RG-Residential Water Heat	741	646,676	50,780.48	2,386.98	16,060.29	-	-	1,176.55	-	-	-	-	-	-	-	-	-	-	10,955.25	
	RH-Residential Total Elec	2,815	3,232,621	223,701.57	6,176.35	79,637.55	(4,760.66)	-	4,197.15	-	674.21	-	-	-	-	-	-	(6,992.70)	38,130.01	840,763.48	
Residential Total		149,816	123,657,336	15,676,852.46	470,200.36	376,942.03	(941.92)	15,304.84	13,106.34	-	1,982.61	11,742.19	52,795.21	1,743.63	-	-	-	(29,271.98)	120,088.90	16,710,544.66	
Commercial	CB-Commercial	19,190	35,163,612	3,472,455.08	91,886.95	288,832.19	3,587.71	4,389.12	23,654.04	74.08	379.35	4,296.98	6,935.59	2,719.44	-	-	-	(13,911.10)	14,461.54	3,899,760.97	
	GP-General Power	1,674	34,241,228	4,029,241.49	57,467.01	(91,480.96)	4,682.05	4,602.74	(18,913.84)	7,843.06	501.83	7,035.81	13,644.98	3,009.98	-	-	-	-	32.81	2,060.19	4,028,791.72
	LP-Large Power	7	9,608,322	697,581.86	1,353.94	4,131.58	-	-	-	42,246.38	-	-	1,658.30	-	-	-	-	-	-	746,972.06	
	LS-Special Lighting	64	25,939	4,053.98	78.68	202.24	0.25	0.80	8.60	-	0.85	0.38	4.18	-	-	-	-	(134.91)	4.11	4,219.16	
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NM-Net Metering	-	(2,430)	(48.74)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(48.74)	
	PL-Private Lighting	136	779,249	221,753.69	2,723.77	3,243.17	41.78	52.64	98.89	605.36	10.60	64.56	0.36	-	-	-	-	(211.99)	136.06	228,518.89	
	PT-Transmission	1	1,420,800	65,373.51	-	47,135.04	-	-	-	4,665.22	298.37	-	-	-	-	-	-	(4,191.36)	-	113,280.78	
	SH-Small Heating	3,077	5,542,889	626,052.24	17,246.50	5,497.77	-	-	242.06	-	-	43.15	2,352.04	-	-	-	-	32.81	2,060.19	653,526.76	
	TEB-Total Electric Bldg	965	22,666,654	2,228,277.92	28,633.29	25,908.08	-	-	930.27	1,132.76	134.80	-	9,439.92	-	-	-	-	(806.67)	6,700.90	2,300,351.27	
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Commercial Total		25,115	109,446,263	11,344,741.03	199,390.14	283,469.11	8,311.79	9,045.30	6,020.02	56,566.86	1,325.80	11,440.88	34,035.37	5,729.42	-	-	-	(26,621.40)	41,918.55	11,975,372.87	
Industrial	CB-Commercial	72	296,474	29,547.40	961.11	2,760.52	373.91	457.44	23.08	395.66	-	219.77	79.72	283.41	-	-	-	(218.88)	172.77	35,055.91	
	GP-General Power	172	16,125,003	1,350,967.38	10,688.85	51,090.44	2,105.86	2,425.90	1,758.33	17,859.00	102.66	1,546.16	4,453.73	1,586.43	-	-	-	(1,235.12)	14,146.02	1,457,495.64	
	LP-Large Power	30	52,480,586	3,648,122.61	960.00	22,566.65	-	-	-	62,999.82	-	-	4,823.57	-	-	-	-	-	-	3,739,472.65	
	PFM-Feed Mill/Grain Elev	10	39,204	6,586.73	188.17	16.86	-	-	-	-	-	-	17.64	-	-	-	-	-	-	6,809.40	
	PL-Private Lighting	5	57,789	13,269.25	334.35	473.71	8.46	10.58	23.70	395.21	0.26	3.48	-	-	-	-	-	(30.14)	32.65	14,521.51	
	PT-Transmission	11	11,591,006	497,606.99	150.00	263,518.48	15,399.17	17,869.75	6,708.38	24,114.36	391.89	3,569.60	-	11,811.49	-	-	-	(8,484.41)	34,032.82	866,688.52	
	SC-P PRAXAIR Transmission	1	5,939,306	307,677.22	-	2,553.90	-	-	-	72.00	-	-	-	-	-	-	-	-	-	310,303.12	
	SH-Small Heating	11	32,918	3,302.22	49.66	187.69	-	-	13.49	-	-	-	11.47	-	-	-	-	-	-	3,679.34	
	TEB-Total Electric Bldg	16	1,840,107	167,817.90	2,557.17	1,090.87	-	-	23.30	4,138.09	-	-	815.95	-	-	-	-	-	167.81	176,611.09	
	Oil Pipe PT-Transmission	1	1,164,000	58,584.84	-	38,615.70	-	-	-	-	244.44	-	-	-	-	-	-	(3,433.80)	-	94,011.18	
	Oil Pipe GP-General Power	5	754,256	70,647.49	-	324.32	-	-	-	-	-	-	339.42	-	-	-	-	-	-	71,311.23	
	Oil Pipe LP-Large Power	5	5,070,287	383,196.54	-	2,180.23	-	-	-	-	-	-	-	-	-	-	-	-	-	385,376.77	
Industrial Total		339	95,390,936	6,537,326.57	15,889.31	385,379.37	17,887.40	20,763.67	8,550.28	109,974.14	739.25	5,339.01	10,541.50	13,681.33	-	-	-	(13,402.35)	48,666.88	7,161,336.36	
Muni Street & Highway Lighting	CB-Commercial	424	138,035	25,288.44	-	435.63	13.12	16.06	20.48	-	0.64	7.73	54.83	9.97	-	-	-	(42.60)	153.31	25,957.61	
	GP-General Power	3	47,280	5,988.57	-	20.33	-	-	-	-	-	-	21.28	-	-	-	-	-	-	6,030.18	
	LS-Special Lighting	95	16,937	4,098.60	-	59.50	1.73	5.57	1.21	-	0.10	2.65	2.19	-	-	-	-	(49.18)	0.58	4,122.95	
	MS-Miscellaneous	2	11,295	1,161.74	-	4.86	-	-	-	-	-	-	-	-	-	-	-	-	-	1,166.60	
	PL-Private Lighting	1	9,483	2,370.61	-	45.32	1.04	1.27	1.42	-	0.07	1.58	-	-	-	-	-	(5.43)	1.95	2,417.83	
	SH-Small Heating	2	1,453	204.58	-	0.62	-	-	-	-	-	-	0.65	-	-	-	-	-	-	205.85	
	SPL-Municipal St Lighting	7	1,857,386	199,077.92	-	6,570.75	91.35	121.79	250.13	94,194.05	13.58	140.19	-	-	-	-	-	(514.40)	427.45	300,372.81	
Muni Street & Highway Lighting Total		534	2,081,869	238,190.46	-	7,137.01	107.24	144.69	273.24	94,194.05	14.39	152.15	78.95	9.97	-	-	-	(611.61)	583.29	340,273.83	
Other Public Authority	CB-Commercial	1,350	1,543,466	199,432.11	-	8,675.47	302.90	370.58	324.43	48.78	40.38	368.16	347.29	229.64	-	-	-	(1,455.45)	2,427.99	211,112.28	
	GP-General Power	191	6,732,826	618,195.30	-	22,888.91	1,532.13	2,611.95	487.11	1,186.02	30.50	1,124.93	2,651.29	1,708.10	-	-	-	(120.00)	2,365.01	654,661.25	
	LS-Special Lighting	-	348	58.60	-	0.15	-	-	-	-	-	-	0.16	-	-	-	-	-	-	58.91	
	PL-Private Lighting	-	1,275	404.56	-	5.73	0.09	0.12	0.29	-	-	0.14	-	-	-	-	-	(0.47)	0.39	410.85	
	SH-Small Heating	45	91,278	9,899.67	-	261.18	-	-	17.26	-	-	-	36.81	-	-	-	-	-	146.84	10,361.76	
	TEB-Total Electric Bldg	21	459,697	51,934.21	-	398.09	-	-	15.00	-	0.24	-	203.00	-	-	-	-	(1.36)	108.03	52,657.21	
Other Public Authority Total		1,607	8,828,890	879,924.45	-	32,229.53	1,835.12	2,982.65	844.09	1,234.80	71.12	1,493.23	3,238.55	1,937.74	-	-	-	(1,577.28)	5,048.26	929,262.26	
Interdepartmental	CB-Commercial	147	133,654	16,193.78	-	221.78	-	-	12.78	-	-	-	56.97	-	-	-	-	-	-	95.58	16,580.89
	GP-General Power	6	152,762	12,979.87	-	103.15	-	-	2.92	-	-	-	68.02	-	-	-	-	-	-	39.89	13,193.85
	PL-Private Lighting	-	253	66.55	-	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	66.66	
Interdepartmental Total		153	286,669	29,240.20	-	325.04	-	-	15.70	-	-	-	124.99	-	-	-	-	-	-	135.47	29,841.40
Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	GFR-Lockwood	1	784,459	32,549.61	-	12,621.95	-	-	-	-	-	-	-	-	-	-	-	-	-	45,171.56	
	GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale Municipalities Total		1	784,459	32,549.61	-	12,621.95	-	-	-	-	-	-	-	-	-	-	-	-	-	45,171.56	
Grand Total		177,565	340,476,423	34,738,824.78	685,479.81	<															

St	Revenue Class	Plan Description	Values																	
			Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	Total Revenue
AR	Residential	NM-Net Metering	-	(1,802)	(138.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(138.41)
AR		PL-Private Lighting	5	16,699	2,680.89	6.86	398.43	22.68	31.12	-	-	-	36.93	-	-	-	-	-	(151.24)	3,025.67
AR		RG-Residential	4,185	3,034,325	263,861.24	11,925.09	72,581.32	12,410.22	15,262.96	-	-	-	6,705.54	-	9,862.22	-	-	-	(11,120.92)	381,487.67
AR	Residential Total		4,190	3,049,222	266,403.72	11,931.95	72,979.75	12,432.90	15,294.08	-	-	-	6,742.47	-	9,862.22	-	-	-	(11,272.16)	384,374.93
AR	Commercial	CB-Commercial	624	954,163	68,104.37	2,516.11	22,823.55	3,587.71	4,389.12	-	-	-	2,097.99	-	2,719.44	-	-	-	(2,531.47)	103,725.00
AR		GP-General Power	61	1,555,492	88,730.49	320.48	37,207.38	4,682.05	4,602.74	-	-	-	6.00	-	3,437.61	-	-	-	1,144.63	143,141.36
AR		LS-Special Lighting	3	173	83.40	1.47	4.14	0.25	0.80	-	-	-	-	-	-	-	-	-	(10.66)	79.78
AR		PL-Private Lighting	2	29,206	4,015.69	37.69	698.47	41.78	52.64	-	-	-	64.56	-	-	-	-	-	(218.05)	4,692.78
AR	Commercial Total		690	2,539,034	160,933.95	2,875.75	60,733.54	8,311.79	9,045.30	-	-	-	24.18	-	5,600.54	-	-	-	(1,615.55)	251,638.92
AR	Industrial	CB-Commercial	1	99,443	5,414.83	50.00	2,378.68	373.91	457.44	-	-	-	219.77	-	283.41	-	-	-	(201.43)	8,976.61
AR		GP-General Power	5	699,623	40,182.50	100.00	16,734.98	2,105.86	2,425.90	-	-	-	3,101.85	-	1,546.16	-	-	-	518.35	68,302.03
AR		PL-Private Lighting	-	5,882	522.32	8.04	140.70	8.46	10.58	-	-	-	395.21	-	3.48	-	-	-	(30.14)	1,058.65
AR		PT-Transmission	3	6,038,892	232,470.38	100.00	144,450.29	15,399.17	17,869.75	-	-	-	6,918.05	-	3,569.60	-	-	-	(1,371.58)	431,217.15
AR	Industrial Total		9	6,843,840	278,590.03	258.04	163,704.65	17,887.40	20,763.67	-	-	-	10,415.11	-	5,339.01	-	-	-	(1,084.80)	509,554.44
AR	Muni Street & Highway Lighting	CB-Commercial	24	3,491	626.12	-	83.50	13.12	16.06	-	-	-	7.73	-	9.97	-	-	-	(23.28)	733.22
AR		LS-Special Lighting	6	1,199	275.47	-	28.68	1.73	5.57	-	-	-	2.65	-	-	-	-	-	(35.20)	278.90
AR		PL-Private Lighting	-	711	93.93	-	17.01	1.04	1.27	-	-	-	1.58	-	-	-	-	-	(5.43)	109.40
AR		SPL-Municipal St Lighting	-	63,434	2,161.74	-	1,517.34	91.35	121.79	-	-	-	1,590.81	-	140.19	-	-	-	(70.68)	5,552.54
AR	Muni Street & Highway Lighting Total		30	68,835	3,157.26	-	1,646.53	107.24	144.69	-	-	-	1,590.81	-	152.15	-	-	-	(134.59)	6,674.06
AR	Other Public Authority	CB-Commercial	79	80,558	6,361.00	-	1,926.97	302.90	370.58	-	-	-	178.01	-	229.64	-	-	-	(236.62)	9,132.48
AR		GP-General Power	5	509,013	40,072.26	-	12,175.60	1,532.13	2,611.95	-	-	-	1,124.93	-	1,708.10	-	-	-	516.93	59,741.90
AR		PL-Private Lighting	-	65	8.11	-	1.55	0.09	0.12	-	-	-	0.14	-	-	-	-	-	(0.47)	9.54
AR	Other Public Authority Total		84	589,636	46,441.37	-	14,104.12	1,835.12	2,982.65	-	-	-	1,303.08	-	1,937.74	-	-	-	279.84	68,883.92
AR	Total		5,003	13,090,567	755,526.33	15,065.74	313,168.59	40,574.45	48,230.39	-	-	-	12,030.10	-	19,137.25	-	-	-	(13,827.26)	1,221,126.27

KS	Residential	NM-Net Metering	-	(4,564)	(91.51)	-	-	-	-	-	-	-	-	-	-	-	-	(91.51)		
KS		PL-Private Lighting	17	50,818	15,869.84	94.23	1,213.62	-	-	95.56	-	-	-	-	-	-	-	128.74	17,401.99	
KS		RG-Residential	5,516	4,100,852	346,142.37	19,299.92	99,022.11	(2,224.45)	0.10	7,632.18	-	0.01	0.01	0.35	0.06	-	-	(146.25)	70,829.41	540,555.81
KS		RG-Residential Water Heat	741	646,676	50,780.48	2,386.98	16,060.29	-	-	1,176.55	-	-	-	-	-	-	-	-	10,955.25	81,359.55
KS		RH-Residential Total Elec	1,904	2,305,139	158,946.12	4,733.63	55,021.74	-	-	4,194.73	-	-	-	-	-	-	-	-	38,108.04	261,004.26
KS	Residential Total		8,178	7,098,920	571,647.30	26,514.76	171,317.76	(2,224.45)	0.10	13,099.02	-	0.01	0.01	0.35	0.06	-	-	(146.25)	120,021.44	900,230.10
KS	Commercial	CB-Commercial	1,061	12,996,150	516,753.85	4,854.11	238,663.63	-	-	23,654.04	-	-	-	-	-	-	-	-	14,461.54	798,387.17
KS		GP-General Power	66	(10,392,194)	(281,834.51)	720.48	(176,341.77)	-	-	(18,913.84)	663.34	-	-	-	-	-	-	-	18,555.75	(457,150.55)
KS		LS-Special Lighting	7	4,726	604.29	10.23	112.67	-	-	8.60	-	-	-	-	-	-	-	-	4.11	739.90
KS		NM-Net Metering	-	(2,430)	(48.74)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(48.74)
KS		PL-Private Lighting	18	54,111	13,581.80	152.19	1,288.90	-	-	98.89	69.00	-	-	-	-	-	-	-	136.06	15,326.84
KS		PT-Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		SH-Small Heating	96	133,002	11,582.80	548.21	3,170.76	-	-	242.06	-	-	-	-	-	-	-	-	2,060.19	17,604.02
KS		TEB-Total Electric Bldg	36	511,130	36,979.46	296.13	12,185.35	-	-	930.27	-	-	-	-	-	-	-	-	6,700.90	57,092.11
KS	Commercial Total		1,284	3,304,495	297,618.95	6,581.35	79,079.54	-	-	6,020.02	732.34	-	-	-	-	-	-	-	41,918.55	431,950.75
KS	Industrial	CB-Commercial	8	12,685	1,233.53	62.82	302.40	-	-	23.08	-	-	-	-	-	-	-	-	172.77	1,794.60
KS		GP-General Power	26	966,120	82,633.58	275.00	22,178.95	-	-	1,758.33	-	-	-	-	-	-	-	-	14,146.02	120,991.88
KS		PL-Private Lighting	3	13,008	2,793.92	62.50	291.66	-	-	23.70	-	-	-	-	-	-	-	-	32.65	3,204.43
KS		PT-Transmission	5	3,685,925	165,214.45	50.00	65,904.34	-	-	6,708.38	10,291.26	-	-	-	-	-	-	-	34,032.82	282,201.25
KS		SH-Small Heating	2	7,412	563.60	-	176.71	-	-	13.49	-	-	-	-	-	-	-	-	114.81	868.61
KS		TEB-Total Electric Bldg	2	12,800	1,110.88	-	305.15	-	-	23.30	-	-	-	-	-	-	-	-	167.81	1,607.14
KS	Industrial Total		46	4,697,950	253,549.96	450.32	89,159.21	-	-	8,550.28	10,291.26	-	-	-	-	-	-	-	48,666.88	410,667.91
KS	Muni Street & Highway Lighting	CB-Commercial	46	11,258	1,912.99	-	268.38	-	-	20.48	-	-	-	-	-	-	-	-	153.31	2,355.16
KS		LS-Special Lighting	11	661	242.47	-	15.76	-	-	1.21	-	-	-	-	-	-	-	-	0.58	260.02
KS		PL-Private Lighting	-	777	171.62	-	18.13	-	-	1.42	-	-	-	-	-	-	-	-	1.95	193.12
KS		SPL-Municipal St Lighting	-	137,441	10,194.41	-	2,457.44	-	-	250.13	4,053.14	-	-	-	-	-	-	-	427.45	17,382.57
KS	Muni Street & Highway Lighting Total		57	150,137	12,521.49	-	2,759.71	-	-	273.24	4,053.14	-	-	-	-	-	-	-	583.29	20,190.87
KS	Other Public Authority	CB-Commercial	82	178,265	16,503.87	-	4,268.44	-	-	324.43	48.78	-	-	-	-	-	-	-	2,427.99	23,573.51
KS		GP-General Power	12	267,645	18,364.94	-	6,380.66	-	-	487.11	-	-	-	-	-	-	-	-	2,365.01	27,597.72
KS		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	-	157	39.52	-	3.74	-	-	0.29	-	-	-	-	-	-	-	-	0.39	43.94
KS		SH-Small Heating	3	9,480	741.79	-	226.01	-	-	17.26	-	-	-	-	-	-	-	-	146.84	1,131.90
KS		TEB-Total Electric Bldg	1	8,240	709.54	-	196.44	-	-	15.00	-	-	-	-	-	-	-	-	108.03	1,029.01
KS	Other Public Authority Total		98	463,787	36,359.66	-	11,075.29	-	-	844.09	48.78	-	-	-	-	-	-	-	5,048.26	53,376.08
KS	Interdepartmental	CB-Commercial	13	7,018	629.00	-	167.31	-	-	12.78	-	-	-	-	-	-	-	-	95.58	904.67
KS		GP-General Power	2	1,600	1,078.40	-	38.14	-	-	2.92	-	-	-	-	-	-	-	-	39.89	1,159.35
KS	Interdepartmental Total		15	8,618	1,707.40	-	205.45	-	-	15.70	-	-	-	-	-	-	-	-	135.47	2,064.02
KS	Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS	Wholesale Municipalities Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

KS Total			9,678	15,723,907	1,173,404.76	33,546.43	353,596.96	(2,224.45)	0.10	28,802.35	15,125.52	0.01	0.01	0.35	0.06	-	-	(146.25)	216,373.89	1,818,479.73	
MO	Residential	NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MO		PL-Private Lighting	132	335,544	123,111.54	642.94	132.22	-	-	-	-	-	-	-	-	-	-	-	17.11	-	123,903.81
MO		RGL-Residential Pilot	543	470,191	56,570.95	1,816.35	202.22	-	-	-	-	-	-	211.39	-	-	-	-	(0.38)	-	58,800.53
MO		RG-Residential	132,962	109,579,590	14,384,058.72	420,977.57	59,671.27	(6,389.71)	10.66	4.90	-	0.96	4,999.72	52,583.47	(8,118.65)	-	-	-	9,470.66	45.49	14,917,315.05
MO		RH-Residential Total Elec	-	(197,713)	(11,274.49)	21.95	-	(4,760.66)	-	2.42	-	0.39	-	-	-	-	-	-	(298.27)	21.97	(16,286.69)
MO	Residential Total		133,637	110,187,612	14,552,466.72	423,458.81	60,005.71	(11,150.37)	10.66	7.32	-	1.35	4,999.72	52,794.86	(8,118.65)	-	-	-	9,189.12	67.46	15,083,732.70
MO	Commercial	CB-Commercial	16,791	20,370,016	2,791,104.65	82,519.27	8,712.39	-	-	-	55.90	-	2,198.99	6,935.59	-	-	-	-	7.00	-	2,891,533.79
MO		GP-General Power	1,484	41,721,567	4,119,433.76	56,426.05	17,938.27	-	-	-	7,173.72	-	3,598.20	13,644.98	-	-	-	-	29.40	-	4,218,244.38
MO		LP-Large Power	7	9,608,322	697,581.86	1,353.94	4,131.58	-	-	-	42,246.38	-	-	1,658.30	-	-	-	-	-	-	746,972.06
MO		LS-Special Lighting	45	17,484	2,968.23	66.98	7.53	-	-	-	-	-	-	4.18	-	-	-	-	-	-	3,046.92
MO		MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	109	652,108	195,122.63	2,533.89	278.53	-	-	-	536.36	-	-	0.36	-	-	-	-	6.06	-	198,477.83
MO		SH-Small Heating	2,981	5,409,887	614,469.44	16,698.29	2,327.01	-	-	-	-	-	43.15	2,352.04	-	-	-	-	32.81	-	635,922.74
MO		TEB-Total Electric Bldg	902	21,960,172	2,177,686.83	28,337.16	9,442.98	-	-	-	1,132.76	-	-	9,439.92	-	-	-	-	(46.76)	-	2,225,992.89
MO	Commercial Total		22,319	99,739,556	10,598,367.40	187,935.58	42,838.29	-	-	-	51,145.12	-	5,840.34	34,035.37	-	-	-	-	28.51	-	10,920,190.61
MO	Industrial	CB-Commercial	61	184,338	22,857.58	848.29	79.26	-	-	-	395.66	-	-	79.72	-	-	-	-	(17.34)	-	24,243.17
MO		GP-General Power	136	14,181,812	1,205,384.68	10,269.08	6,098.18	-	-	-	12,711.32	-	-	4,453.73	-	-	-	-	-	-	1,238,916.99
MO		LP-Large Power	30	52,480,586	3,648,122.61	960.00	22,566.65	-	-	-	62,999.82	-	-	4,823.57	-	-	-	-	-	-	3,739,472.65
MO		PFM-Feed Mill/Grain Elev	10	39,204	6,586.73	188.17	16.86	-	-	-	-	-	-	17.64	-	-	-	-	-	-	6,809.40
MO		PL-Private Lighting	2	37,840	9,646.69	263.81	16.29	-	-	-	-	-	-	-	-	-	-	-	-	-	9,926.79
MO		SC-P PRAXAIR Transmission	1	5,939,306	307,677.22	-	2,553.90	-	-	-	72.00	-	-	-	-	-	-	-	-	-	310,303.12
MO		SH-Small Heating	9	25,506	2,738.62	49.66	10.98	-	-	-	-	-	-	11.47	-	-	-	-	-	-	2,810.73
MO		TEB-Total Electric Bldg	14	1,827,307	166,707.02	2,557.17	785.72	-	-	-	4,138.09	-	-	815.95	-	-	-	-	-	-	175,003.95
MO		Oil Pipe GP-General Power	5	754,256	70,647.49	-	324.32	-	-	-	-	-	-	339.42	-	-	-	-	-	-	71,311.23
MO		Oil Pipe LP-Large Power	5	5,070,287	383,196.54	-	2,180.23	-	-	-	-	-	-	-	-	-	-	-	-	-	385,376.77
MO	Industrial Total		273	80,540,442	5,823,565.18	15,136.18	34,632.39	-	-	-	80,316.89	-	-	10,541.50	-	-	-	-	(17.34)	-	5,964,174.80
MO	Muni Street & Highway Lighting	CB-Commercial	343	121,852	22,357.31	-	52.34	-	-	-	-	-	-	54.83	-	-	-	-	0.21	-	22,464.69
MO		GP-General Power	3	47,280	5,988.57	-	20.33	-	-	-	-	-	-	21.28	-	-	-	-	-	-	6,030.18
MO		LS-Special Lighting	77	14,677	3,515.57	-	6.30	-	-	-	-	-	-	2.19	-	-	-	-	-	-	3,524.06
MO		MS-Miscellaneous	2	11,295	1,161.74	-	4.86	-	-	-	-	-	-	-	-	-	-	-	-	-	1,166.60
MO		PL-Private Lighting	-	7,678	2,021.58	-	3.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,024.81
MO		SH-Small Heating	2	1,453	204.58	-	0.62	-	-	-	-	-	-	0.65	-	-	-	-	-	-	205.85
MO		SPL-Municipal St Lighting	7	1,599,987	181,215.67	-	687.93	-	-	-	87,517.94	-	-	-	-	-	-	-	-	-	269,421.54
MO	Muni Street & Highway Lighting Total		434	1,804,222	216,465.02	-	775.61	-	-	-	87,517.94	-	-	78.95	-	-	-	-	0.21	-	304,837.73
MO	Other Public Authority	CB-Commercial	1,116	1,194,883	166,252.83	-	513.60	-	-	-	-	-	190.15	347.29	-	-	-	-	3.71	-	167,307.58
MO		GP-General Power	168	5,873,688	552,382.00	-	2,525.68	-	-	-	1,186.02	-	-	2,651.29	-	-	-	-	(115.65)	-	558,629.34
MO		LS-Special Lighting	-	348	58.60	-	0.15	-	-	-	-	-	-	0.16	-	-	-	-	-	-	58.91
MO		PL-Private Lighting	-	1,053	356.93	-	0.44	-	-	-	-	-	-	-	-	-	-	-	-	-	357.37
MO		SH-Small Heating	42	81,798	9,157.88	-	35.17	-	-	-	-	-	-	36.81	-	-	-	-	-	-	9,229.86
MO		TEB-Total Electric Bldg	19	451,107	51,143.83	-	193.98	-	-	-	-	-	-	203.00	-	-	-	-	-	-	51,540.81
MO	Other Public Authority Total		1,345	7,602,877	779,352.07	-	3,269.02	-	-	-	1,186.02	-	190.15	3,238.55	-	-	-	-	(111.94)	-	787,123.87
MO	Interdepartmental	CB-Commercial	134	126,636	15,564.78	-	54.47	-	-	-	-	-	-	56.97	-	-	-	-	-	-	15,676.22
MO		GP-General Power	4	151,162	11,901.47	-	65.01	-	-	-	-	-	-	68.02	-	-	-	-	-	-	12,034.50
MO		PL-Private Lighting	-	253	66.55	-	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	66.66
MO	Interdepartmental Total		138	278,051	27,532.80	-	119.59	-	-	-	-	-	-	124.99	-	-	-	-	-	-	27,777.38
MO	Wholesale Municipalities	GFR-Lockwood	1	784,459	32,549.61	-	12,621.95	-	-	-	-	-	-	-	-	-	-	-	-	-	45,171.56
MO		GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MO	Wholesale Municipalities Total	1	784,459	32,549.61	-	12,621.95	-	-	-	-	-	-	-	-	-	-	-	45,171.56	
MO Total		158,147	300,937,220	32,030,298.80	626,530.57	154,262.56	(11,150.37)	10.66	7.32	220,165.97	1.35	11,030.21	100,814.22	(8,118.65)	-	-	9,088.56	67.46	33,133,008.65
OK	Residential	7	33,956	8,364.81	-	742.67	-	-	-	9.52	-	-	-	-	-	-	-	-	9,117.00
OK		2,893	2,162,431	201,939.97	6,874.07	47,280.33	-	-	-	1,297.91	-	-	-	-	-	-	(20,348.26)	-	237,044.02
OK		911	1,125,195	76,029.94	1,420.77	24,615.81	-	-	-	673.82	-	-	-	-	-	-	(6,694.43)	-	96,045.91
OK	Residential Total	3,811	3,321,582	286,334.72	8,294.84	72,638.81	-	-	-	1,981.25	-	-	-	-	-	-	(27,042.69)	-	342,206.93
OK	Commercial	714	843,283	96,492.21	1,997.46	18,632.62	-	-	-	379.35	-	-	-	-	-	-	(11,386.63)	-	106,115.01
OK		63	1,356,363	102,911.75	-	29,715.16	-	-	-	501.83	-	-	-	-	-	-	(8,572.21)	-	124,556.53
OK		9	3,556	398.06	-	77.90	-	-	-	0.85	-	-	-	-	-	-	(124.25)	-	352.56
OK		7	43,824	9,033.57	-	977.27	-	-	-	10.60	-	-	-	-	-	-	-	-	10,021.44
OK		1	1,420,800	65,373.51	-	47,135.04	-	-	-	4,665.22	298.37	-	-	-	-	-	(4,191.36)	-	113,280.78
OK		27	195,352	13,611.63	-	4,279.75	-	-	-	134.80	-	-	-	-	-	-	(759.91)	-	17,266.27
OK		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK	Commercial Total	822	3,863,178	287,820.73	1,997.46	100,817.74	-	-	-	4,665.22	1,325.80	-	-	-	-	-	(25,034.36)	-	371,592.59
OK	Industrial	2	8	41.46	-	0.18	-	-	-	-	-	-	-	-	-	-	(0.11)	-	41.53
OK		5	277,448	22,766.62	44.77	6,078.33	-	-	-	2,045.83	102.66	-	-	-	-	-	(1,753.47)	-	29,284.74
OK		-	1,059	306.32	-	25.06	-	-	-	0.26	-	-	-	-	-	-	-	-	331.64
OK		3	1,866,189	99,922.16	-	53,163.85	-	-	-	6,905.05	391.89	-	-	-	-	-	(7,112.83)	-	153,270.12
OK		1	1,164,000	58,584.84	-	38,615.70	-	-	-	244.44	-	-	-	-	-	-	(3,433.80)	-	94,011.18
OK	Industrial Total	11	3,308,704	181,621.40	44.77	97,883.12	-	-	-	8,950.88	739.25	-	-	-	-	-	(12,300.21)	-	276,939.21
OK	Muni Street & Highway Lighting	11	1,434	392.02	-	31.41	-	-	-	0.64	-	-	-	-	-	-	(19.53)	-	404.54
OK		1	400	65.09	-	8.76	-	-	-	0.10	-	-	-	-	-	-	(13.98)	-	59.97
OK		1	317	83.48	-	6.95	-	-	-	0.07	-	-	-	-	-	-	-	-	90.50
OK		-	56,524	5,506.10	-	1,908.04	-	-	-	1,032.16	13.58	-	-	-	-	-	(443.72)	-	8,016.16
OK	Muni Street & Highway Lighting Total	13	58,675	6,046.69	-	1,955.16	-	-	-	477.23	14.39	-	-	-	-	-	(477.23)	-	8,571.17
OK	Other Public Authority	73	89,760	10,314.41	-	1,966.46	-	-	-	40.38	-	-	-	-	-	-	(1,222.54)	-	11,098.71
OK		6	82,480	7,376.10	-	1,806.97	-	-	-	30.50	-	-	-	-	-	-	(521.28)	-	8,692.29
OK		1	350	80.84	-	7.67	-	-	-	0.24	-	-	-	-	-	-	(1.36)	-	87.39
OK	Other Public Authority Total	80	172,590	17,771.35	-	3,781.10	-	-	-	71.12	-	-	-	-	-	-	(1,745.18)	-	19,878.39
OK Total		4,737	10,724,729	779,594.89	10,337.07	277,075.93	-	-	-	14,648.26	4,131.81	-	-	-	-	-	(66,599.67)	-	1,019,188.29
Grand Total		177,565	340,476,423	34,738,824.78	685,479.81	1,098,104.04	27,199.63	48,241.15	28,809.67	261,969.85	4,133.17	30,167.46	100,814.57	23,102.09	-	-	(71,484.62)	216,441.35	37,191,802.94

Electric Revenue Summary by Rate
Total Company Electric
December 31, 2020

Revenue Class	Plan Description	Values																		
		Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts	TDC	Total Revenue	
Residential	NM-Net Metering	-	(5,006)	(351.06)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(351.06)	
	PL-Private Lighting	157	434,647	149,331.07	728.34	2,394.12	22.53	25.01	91.19	-	9.44	36.71	-	-	-	-	-	(146.42)	124.70	152,616.69
	RGL-Residential Pilot	539	663,072	77,388.88	2,434.37	(530.91)	-	-	-	-	-	298.37	-	-	-	-	-	-	-	79,590.71
	RG-Residential	145,935	155,815,960	18,935,226.91	552,961.35	151,686.02	22,389.14	16,930.27	8,446.95	-	1,429.15	7,441.97	57,144.01	19,064.83	-	-	-	(22,652.11)	78,393.74	19,828,462.22
	RG-Residential Water Heat	741	764,045	57,883.95	2,901.41	17,040.28	-	-	1,390.57	-	-	-	-	-	-	-	-	-	-	12,958.30
	RH-Residential Total Elec	2,820	4,593,794	301,427.69	8,311.17	116,162.78	4,760.66	-	5,612.86	-	786.20	-	-	-	-	-	-	(7,496.75)	50,985.78	480,550.39
Residential Total		150,192	162,266,512	19,520,907.44	567,336.63	286,752.29	27,172.33	16,955.28	15,541.57	-	2,224.79	7,478.68	57,442.38	19,064.83	-	-	-	(30,295.28)	142,462.52	20,633,043.47
Commercial	CB-Commercial	19,230	25,679,705	3,349,386.47	98,722.40	63,175.33	3,286.99	4,021.45	2,276.17	74.08	366.29	1,920.82	10,186.37	2,491.70	-	-	-	(13,332.30)	17,033.69	3,539,609.46
	GP-General Power	1,674	48,351,706	4,623,264.37	57,329.74	85,880.73	4,049.27	3,807.86	3,141.88	7,843.06	456.76	2,973.08	18,278.44	2,490.13	-	-	-	(6,826.77)	18,948.20	4,821,636.75
	LP-Large Power	8	8,557,963	631,454.87	1,299.74	1,161.91	-	-	-	42,246.38	-	-	-	1,495.60	-	-	-	-	-	677,658.50
	LS-Special Lighting	64	36,357	5,521.95	37.12	138.43	0.04	0.12	4.40	-	0.60	0.06	12.03	-	-	-	-	(93.44)	2.10	5,623.41
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NM-Net Metering	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PL-Private Lighting	134	778,264	221,648.55	2,719.67	2,882.04	41.74	52.57	97.00	605.36	10.60	64.48	0.36	-	-	-	-	(217.57)	133.47	228,038.27
	PT-Transmission	1	1,339,200	61,324.75	-	28,834.32	-	-	-	4,665.22	281.23	-	-	-	-	-	-	(6,816.53)	-	88,288.99
	SH-Small Heating	3,084	6,897,864	753,702.94	20,010.88	129.34	-	-	366.57	-	-	-	-	2,972.77	-	-	-	(152.23)	3,119.79	780,150.06
	TEB-Total Electric Bldg	964	25,849,320	2,471,974.12	30,579.57	8,405.39	-	-	1,213.17	1,132.76	149.58	-	10,713.48	-	-	-	-	(836.06)	8,738.88	2,532,070.89
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Total		25,160	117,490,380	12,118,278.02	210,699.12	190,607.49	7,378.04	7,882.00	7,099.19	56,566.86	1,265.06	4,958.44	43,659.05	4,981.83	-	-	-	(28,274.90)	47,976.13	12,673,076.33
Industrial	CB-Commercial	71	181,733	22,058.99	820.77	303.92	5.35	6.54	33.95	395.66	-	3.14	68.32	4.05	-	-	-	(4.28)	254.15	23,950.56
	GP-General Power	172	14,529,262	1,302,642.74	10,434.89	45,567.34	1,873.45	2,297.44	1,937.44	19,179.07	80.46	1,375.53	4,139.25	1,502.41	-	-	-	(837.60)	13,828.75	1,404,021.17
	LP-Large Power	30	46,919,247	3,397,164.33	960.00	18,600.41	-	-	-	62,999.82	-	-	4,194.93	-	-	-	-	-	-	3,483,919.49
	PFM-Feed Mill/Grain Elev	10	29,168	4,953.76	71.18	(22.12)	-	-	-	-	-	-	13.14	-	-	-	-	-	-	5,015.96
	PL-Private Lighting	2	58,394	13,410.58	339.81	469.88	8.46	10.58	23.93	395.21	0.26	3.48	-	-	-	-	-	(30.14)	32.97	14,665.02
	PT-Transmission	11	11,012,654	474,964.88	150.00	270,267.55	14,211.89	17,221.79	6,736.87	24,114.36	364.93	3,415.77	-	11,383.21	-	-	-	(10,161.12)	35,482.91	848,153.04
	SC-P PRAXAIR Transmission	1	-	301,819.52	-	2,483.54	-	-	-	72.00	-	-	-	-	-	-	-	-	-	304,375.06
	SH-Small Heating	11	45,638	4,372.24	66.98	230.70	-	-	21.56	-	-	-	15.22	-	-	-	-	-	-	183.49
	TEB-Total Electric Bldg	16	1,308,266	124,712.80	2,589.86	(486.19)	-	-	24.17	4,138.09	-	-	578.52	-	-	-	-	-	174.10	131,731.35
	Oil Pipe PT-Transmission	1	2,016,000	89,676.48	-	43,406.50	-	-	-	-	423.36	-	-	-	-	-	-	(10,261.44)	-	123,244.90
	Oil Pipe GP-General Power	5	780,769	72,041.93	-	298.21	-	-	-	-	-	-	351.35	-	-	-	-	-	-	72,691.49
	Oil Pipe LP-Large Power	5	6,496,385	427,016.38	-	2,793.44	-	-	-	-	-	-	-	-	-	-	-	-	-	429,809.82
Industrial Total		335	83,377,516	6,234,834.63	15,433.49	383,913.18	16,099.15	19,536.35	8,777.92	111,294.21	869.01	4,797.92	9,360.73	12,889.67	-	-	-	(21,294.58)	49,956.37	6,846,468.05
Muni Street & Highway Lighting	CB-Commercial	424	157,812	27,812.10	-	359.72	12.29	15.04	25.60	-	0.42	7.23	62.80	9.34	-	-	-	(36.62)	191.46	28,459.38
	GP-General Power	3	50,400	6,213.37	-	(5.12)	-	-	-	-	-	-	22.68	-	-	-	-	-	-	6,230.93
	LS-Special Lighting	95	15,776	3,959.56	-	24.22	0.67	2.20	1.28	-	-	1.04	4.29	-	-	-	-	(31.98)	0.62	3,961.90
	MS-Miscellaneous	2	11,295	1,161.74	-	(16.20)	-	-	-	-	-	-	-	-	-	-	-	-	-	1,145.54
	PL-Private Lighting	1	9,487	2,371.67	-	39.79	1.04	1.27	1.42	-	0.07	1.58	-	-	-	-	-	(5.43)	1.95	2,413.36
	SH-Small Heating	2	2,850	352.56	-	(1.95)	-	-	-	-	-	-	1.28	-	-	-	-	-	-	351.89
	SPL-Municipal St Lighting	6	2,000,262	199,077.92	-	7,237.14	98.38	131.16	269.38	94,194.05	14.61	150.97	-	-	-	-	-	(1,144.45)	460.32	300,489.48
Muni Street & Highway Lighting Total		533	2,247,882	240,948.92	-	7,637.60	112.38	149.67	297.68	94,194.05	15.10	160.82	91.05	9.34	-	-	-	(1,218.48)	654.35	343,052.48
Other Public Authority	CB-Commercial	1,352	1,627,101	215,360.64	-	3,652.31	309.00	378.04	(36.46)	48.78	39.92	181.62	663.90	234.27	-	-	-	(1,439.38)	(244.84)	219,147.80
	GP-General Power	191	6,351,247	571,761.62	-	16,998.86	1,394.42	929.76	502.35	1,186.02	27.36	1,023.82	2,492.29	608.02	-	-	-	(206.22)	2,303.81	599,022.11
	LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PL-Private Lighting	-	1,275	404.56	-	3.74	0.09	0.12	0.29	-	-	0.14	-	-	-	-	-	(0.47)	0.39	408.86
	SH-Small Heating	45	116,377	12,087.88	-	280.69	-	-	27.74	-	-	-	45.49	-	-	-	-	-	-	236.66
	TEB-Total Electric Bldg	21	426,464	47,109.20	-	29.93	-	-	18.78	-	1.15	-	186.49	-	-	-	-	(6.50)	135.30	47,474.35
Other Public Authority Total		1,609	8,522,464	846,723.90	-	20,965.53	1,703.51	1,307.92	512.70	1,234.80	68.43	1,205.58	3,388.17	842.29	-	-	-	(1,652.57)	2,431.32	878,731.58
Interdepartmental	CB-Commercial	147	150,818	18,138.60	-	71.59	-	-	14.63	-	-	-	64.23	-	-	-	-	-	-	109.48
	GP-General Power	6	258,783	19,650.14	-	(114.46)	-	-	5.24	-	-	-	115.15	-	-	-	-	-	51.47	19,707.54
	PL-Private Lighting	-	253	66.55	-	(0.23)	-	-	-	-	-	-	-	-	-	-	-	-	-	66.32
Interdepartmental Total		153	409,854	37,855.29	-	(43.10)	-	-	19.87	-	-	-	179.38	-	-	-	-	-	160.95	38,172.39
Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Lockwood	1	737,589	27,714.53	-	21,176.18	-	-	-	-	-	-	-	-	-	-	-	-	-	48,890.71
	GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale Municipalities Total		1	737,589	27,714.53	-	21,176.18	-	-	-	-	-	-	-	-	-	-	-	-	-	48,890.71
Grand Total		177,983	375,052,196.00	39,027,262.73	793,469.24	911,009.17	52,465.41	45,831.22	32,248.93	263,289.92	4,442.39									

St	Revenue Class	Plan Description	Values																		
			Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFclty	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	Total Revenue	
AR	Residential	NM-Net Metering	-	(4,340)	(329.25)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(329.25)	
AR		PL-Private Lighting	5	16,584	2,657.06	6.86	395.89	22.53	30.92	-	-	-	36.71	-	-	-	-	-	(150.33)	-	2,999.64
AR		RG-Residential	4,200	3,369,793	285,057.88	12,933.43	80,560.98	13,774.98	16,941.03	-	-	-	7,442.79	-	10,946.24	-	-	-	(12,018.66)	-	415,638.67
AR	Residential Total		4,205	3,382,037	287,385.69	12,940.29	80,956.87	13,797.51	16,971.95	-	-	-	7,479.50	-	10,946.24	-	-	(12,168.99)	-	418,309.06	
AR	Commercial	CB-Commercial	626	874,239	63,711.88	2,474.44	20,911.85	3,286.99	4,021.45	-	-	18.18	-	1,920.82	-	-	-	-	(2,371.82)	-	96,465.49
AR		GP-General Power	61	1,345,277	77,477.77	309.79	32,179.02	4,049.27	3,807.86	-	-	6.00	-	2,973.08	-	2,490.13	-	-	999.47	-	124,292.39
AR		LS-Special Lighting	3	25	41.70	1.49	0.60	0.04	0.12	-	-	-	-	0.06	-	-	-	-	(5.33)	-	38.68
AR		PL-Private Lighting	2	29,171	4,011.58	37.69	697.62	41.74	52.57	-	-	-	-	64.48	-	-	-	-	(217.64)	-	4,688.04
AR	Commercial Total		692	2,248,712	145,242.93	2,823.41	53,789.09	7,378.04	7,882.00	-	-	24.18	-	4,958.44	-	4,981.83	-	(1,595.32)	-	225,484.60	
AR	Industrial	CB-Commercial	1	1,422	110.92	6.40	34.01	5.35	6.54	-	-	-	3.14	-	4.05	-	-	(4.13)	-	166.28	
AR		GP-General Power	5	622,407	36,929.70	100.00	14,887.97	1,873.45	2,297.44	-	-	3,101.85	-	1,375.53	-	1,502.41	-	-	476.39	-	62,544.74
AR		PL-Private Lighting	-	5,882	522.32	8.04	140.70	8.46	10.58	-	-	395.21	-	3.48	-	-	-	-	(30.14)	-	1,058.65
AR		PT-Transmission	3	5,573,292	223,012.39	100.00	133,313.14	14,211.89	17,221.79	-	-	6,918.05	-	3,415.77	-	11,383.21	-	-	(1,315.77)	-	408,260.67
AR	Industrial Total		9	6,203,003	260,575.33	214.44	148,375.82	16,099.15	19,536.35	-	-	10,415.11	-	4,797.92	-	12,889.67	-	(873.65)	-	472,030.14	
AR	Muni Street & Highway Lighting	CB-Commercial	24	3,271	613.08	-	78.26	12.29	15.04	-	-	-	7.23	-	9.34	-	-	(22.81)	-	712.43	
AR		LS-Special Lighting	6	471	250.20	-	11.27	0.67	2.20	-	-	-	1.04	-	-	-	-	(31.98)	-	233.40	
AR		PL-Private Lighting	-	711	93.93	-	17.01	1.04	1.27	-	-	-	1.58	-	-	-	-	(5.43)	-	109.40	
AR		SPL-Municipal St Lighting	-	68,313	2,161.74	-	1,634.06	98.38	131.16	-	-	1,590.81	-	150.97	-	-	-	-	(70.68)	-	5,696.44
AR	Muni Street & Highway Lighting Total		30	72,766	3,118.95	-	1,740.60	112.38	149.67	-	-	1,590.81	-	160.82	-	9.34	-	(130.90)	-	6,751.67	
AR	Other Public Authority	CB-Commercial	79	82,188	6,403.32	-	1,965.94	309.00	378.04	-	-	-	181.62	-	234.27	-	-	(238.18)	-	9,234.01	
AR		GP-General Power	5	463,265	20,398.52	-	11,081.29	1,394.42	929.76	-	-	-	1,023.82	-	608.02	-	-	263.14	-	35,698.97	
AR		PL-Private Lighting	-	65	8.11	-	1.55	0.09	0.12	-	-	-	0.14	-	-	-	-	(0.47)	-	9.54	
AR	Other Public Authority Total		84	545,518	26,809.95	-	13,048.78	1,703.51	1,307.92	-	-	-	1,205.58	-	842.29	-	-	24.49	-	44,942.52	
AR	Total		5,020	12,452,036	723,132.85	15,978.14	297,911.16	39,090.59	45,847.89	-	-	12,030.10	-	18,602.26	-	29,669.37	-	(14,744.37)	-	1,167,517.99	

KS	Residential	NM-Net Metering	-	(666)	(21.81)	-	-	-	-	-	-	-	-	-	-	-	-	(21.81)
KS		PL-Private Lighting	16	48,306	15,314.34	82.09	1,086.93	-	(5.91)	91.19	-	-	-	-	-	-	-	124.70
KS		RG-Residential	5,534	4,736,407	385,447.16	23,399.97	104,466.82	2,224.45	(0.10)	8,451.85	-	(0.01)	(0.01)	(0.35)	(0.06)	-	-	146.25
KS		RG-Residential Water Heat	741	764,045	57,883.95	2,901.41	17,040.28	-	-	1,390.57	-	-	-	-	-	-	-	12,958.30
KS		RH-Residential Total Elec	1,910	3,085,278	203,662.14	6,658.72	69,077.28	-	-	5,615.28	-	-	-	-	-	-	-	51,007.75
KS	Residential Total		8,201	8,633,370	662,285.78	33,042.19	191,671.31	2,224.45	(6.01)	15,548.89	-	(0.01)	(0.01)	(0.35)	(0.06)	-	-	146.25
KS	Commercial	CB-Commercial	1,063	1,251,247	126,576.16	5,142.42	28,190.28	-	-	2,276.17	-	-	-	-	-	-	-	17,033.69
KS		GP-General Power	66	1,726,321	132,436.82	775.00	38,937.29	-	-	3,141.88	663.34	-	-	-	-	-	-	18,948.20
KS		LS-Special Lighting	7	2,424	372.49	3.19	54.47	-	-	4.40	-	-	-	-	-	-	-	2.10
KS		NM-Net Metering	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	16	53,080	13,424.53	151.84	1,193.28	-	-	97.00	69.00	-	-	-	-	-	-	133.47
KS		PT-Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		SH-Small Heating	95	201,407	16,477.11	700.17	4,534.02	-	-	366.57	-	-	-	-	-	-	-	3,119.79
KS		TEB-Total Electric Bldg	36	666,581	46,185.05	273.69	14,978.08	-	-	1,213.17	-	-	-	-	-	-	-	8,738.88
KS	Commercial Total		1,283	3,901,061	335,472.16	7,046.31	87,887.42	-	-	7,099.19	732.34	-	-	-	-	-	-	47,976.13
KS	Industrial	CB-Commercial	8	18,659	1,727.85	61.00	419.27	-	-	33.95	-	-	-	-	-	-	-	254.15
KS		GP-General Power	26	1,064,520	84,607.88	275.00	24,154.04	-	-	1,937.44	-	-	-	-	-	-	-	13,828.75
KS		PL-Private Lighting	-	13,135	2,834.69	62.34	299.35	-	-	23.93	-	-	-	-	-	-	-	32.97
KS		PT-Transmission	5	3,701,573	156,562.58	50.00	88,245.51	-	-	6,736.87	10,291.26	-	-	-	-	-	-	35,482.91
KS		SH-Small Heating	2	11,846	872.43	-	266.18	-	-	21.56	-	-	-	-	-	-	-	183.49
KS		TEB-Total Electric Bldg	2	13,280	1,151.08	-	298.40	-	-	24.17	-	-	-	-	-	-	-	174.10
KS	Industrial Total		43	4,823,013	247,756.51	448.34	113,682.75	-	-	8,777.92	10,291.26	-	-	-	-	-	-	49,956.37
KS	Muni Street & Highway Lighting	CB-Commercial	46	14,057	2,150.52	-	315.85	-	-	25.60	-	-	-	-	-	-	-	191.46
KS		LS-Special Lighting	11	705	169.42	-	15.85	-	-	1.28	-	-	-	-	-	-	-	0.62
KS		PL-Private Lighting	-	777	171.62	-	17.55	-	-	1.42	-	-	-	-	-	-	-	1.95
KS		SPL-Municipal St Lighting	-	148,013	10,194.41	-	3,528.62	-	-	269.38	4,053.14	-	-	-	-	-	-	460.32
KS	Muni Street & Highway Lighting Total		57	163,552	12,685.97	-	3,877.87	-	-	297.68	4,053.14	-	-	-	-	-	-	654.35
KS	Other Public Authority	CB-Commercial	82	(20,040)	237.50	-	(508.69)	-	-	(36.46)	48.78	-	-	-	-	-	-	(244.84)
KS		GP-General Power	12	276,016	18,560.21	-	6,202.08	-	-	502.35	-	-	-	-	-	-	-	2,303.81
KS		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	-	157	39.52	-	3.53	-	-	0.29	-	-	-	-	-	-	-	0.39
KS		SH-Small Heating	3	15,240	1,142.87	-	348.82	-	-	27.74	-	-	-	-	-	-	-	236.66
KS		TEB-Total Electric Bldg	1	10,320	875.93	-	231.89	-	-	18.78	-	-	-	-	-	-	-	135.30
KS	Other Public Authority Total		98	281,693	20,856.03	-	6,277.63	-	-	512.70	48.78	-	-	-	-	-	-	2,431.32
KS	Interdepartmental	CB-Commercial	13	8,038	713.27	-	180.61	-	-	14.63	-	-	-	-	-	-	-	109.48
KS		GP-General Power	2	2,880	1,121.92	-	64.71	-	-	5.24	-	-	-	-	-	-	-	51.47
KS	Interdepartmental Total		15	10,918	1,835.19	-	245.32	-	-	19.87	-	-	-	-	-	-	-	160.95
KS	Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS	Wholesale Municipalities Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

KS Total			9,697	17,813,607	1,280,891.64	40,536.84	403,642.30	2,224.45	(6.01)	32,256.25	15,125.52	(0.01)	(0.01)	(0.35)	(0.06)	-	-	146.25	243,709.10	2,018,525.92
MO	Residential	NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	125	335,924	123,022.11	639.39	(302.57)	-	-	-	-	-	-	-	-	-	-	3.91	-	123,362.84
MO		RGL-Residential Pilot	539	663,072	77,388.88	2,434.37	(530.91)	-	-	-	-	-	-	298.37	-	-	-	-	-	79,590.71
MO		RG-Residential	133,303	145,327,023	18,053,855.85	508,609.45	(118,876.09)	6,389.71	(10.66)	(4.90)	-	(0.96)	(0.82)	57,144.36	8,118.65	-	-	12,501.46	(45.49)	18,527,680.56
MO		RH-Residential Total Elec	-	197,713	11,274.49	(21.95)	-	4,760.66	-	(2.42)	-	(0.39)	-	-	-	-	-	298.27	(21.97)	16,286.69
MO	Residential Total		133,967	146,523,732	18,265,541.33	511,661.26	(119,709.57)	11,150.37	(10.66)	(7.32)	-	(1.35)	(0.82)	57,442.73	8,118.65	-	-	12,803.64	(67.46)	18,746,920.81
MO	Commercial	CB-Commercial	16,816	22,740,208	3,065,857.70	88,870.56	(15,167.51)	-	-	-	55.90	-	-	10,186.37	-	-	-	118.62	-	3,149,921.64
MO		GP-General Power	1,485	44,045,615	4,317,645.59	56,244.95	(29,562.53)	-	-	-	7,173.72	-	-	18,278.44	-	-	-	(24.24)	-	4,369,755.93
MO		LP-Large Power	8	8,557,963	631,454.87	1,299.74	1,161.91	-	-	-	42,246.38	-	-	1,495.60	-	-	-	-	-	677,658.50
MO		LS-Special Lighting	45	31,386	4,794.90	32.44	(7.21)	-	-	-	-	-	-	12.03	-	-	-	-	-	4,832.16
MO		MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	108	652,189	195,178.87	2,530.14	(561.74)	-	-	-	536.36	-	-	0.36	-	-	-	0.07	-	197,684.06
MO		SH-Small Heating	2,989	6,696,457	737,225.83	19,310.71	(4,404.68)	-	-	-	-	-	-	2,972.77	-	-	-	(152.23)	-	754,952.40
MO		TEB-Total Electric Bldg	901	24,965,964	2,410,833.04	30,305.88	(14,356.43)	-	-	-	1,132.76	-	-	10,713.48	-	-	-	7.18	-	2,438,635.91
MO	Commercial Total		22,352	107,689,782	11,362,990.80	198,594.42	(62,898.19)	-	-	-	51,145.12	-	-	43,659.05	-	-	-	(50.60)	-	11,593,440.60
MO	Industrial	CB-Commercial	60	161,641	20,178.40	753.37	(149.75)	-	-	-	395.66	-	-	68.32	-	-	-	-	-	21,246.00
MO		GP-General Power	136	12,624,871	1,162,870.74	9,997.13	(1,283.15)	-	-	-	14,031.39	-	-	4,139.25	-	-	-	60.38	-	1,189,815.74
MO		LP-Large Power	30	46,919,247	3,397,164.33	960.00	18,600.41	-	-	-	62,999.82	-	-	4,194.93	-	-	-	-	-	3,483,919.49
MO		PFM-Feed Mill/Grain Elev	10	29,168	4,953.76	71.18	(22.12)	-	-	-	-	-	-	13.14	-	-	-	-	-	5,015.96
MO		PL-Private Lighting	2	38,318	9,747.25	269.43	(6.00)	-	-	-	-	-	-	-	-	-	-	-	-	10,010.68
MO		SC-P PRAXAIR Transmission	1	-	301,819.52	-	2,483.54	-	-	-	72.00	-	-	-	-	-	-	-	-	304,375.06
MO		SH-Small Heating	9	33,792	3,499.81	66.98	(35.48)	-	-	-	-	-	-	15.22	-	-	-	-	-	3,546.53
MO		TEB-Total Electric Bldg	14	1,294,986	123,561.72	2,589.86	(784.59)	-	-	-	4,138.09	-	-	578.52	-	-	-	-	-	130,083.60
MO		Oil Pipe GP-General Power	5	780,769	72,041.93	-	298.21	-	-	-	-	-	-	351.35	-	-	-	-	-	72,691.49
MO		Oil Pipe LP-Large Power	5	6,496,385	427,016.38	-	2,793.44	-	-	-	-	-	-	-	-	-	-	-	-	429,809.82
MO	Industrial Total		272	68,379,177	5,522,853.84	14,707.95	21,894.51	-	-	-	81,636.96	-	-	9,360.73	-	-	-	60.38	-	5,650,514.37
MO	Muni Street & Highway Lighting	CB-Commercial	343	139,549	24,715.33	-	(67.97)	-	-	-	-	-	-	62.80	-	-	-	(1.07)	-	24,709.09
MO		GP-General Power	3	50,400	6,213.37	-	(5.12)	-	-	-	-	-	-	22.68	-	-	-	-	-	6,230.93
MO		LS-Special Lighting	77	14,600	3,539.94	-	(2.90)	-	-	-	-	-	-	4.29	-	-	-	-	-	3,541.33
MO		MS-Miscellaneous	2	11,295	1,161.74	-	(16.20)	-	-	-	-	-	-	-	-	-	-	-	-	1,145.54
MO		PL-Private Lighting	-	7,678	2,021.58	-	(6.29)	-	-	-	-	-	-	-	-	-	-	-	-	2,015.29
MO		SH-Small Heating	2	2,850	352.56	-	(1.95)	-	-	-	-	-	-	1.28	-	-	-	-	-	351.89
MO		SPL-Municipal St Lighting	6	1,723,063	181,215.67	-	740.88	-	-	-	87,517.94	-	-	-	-	-	-	-	-	269,474.49
MO	Muni Street & Highway Lighting Total		433	1,949,435	219,220.19	-	640.45	-	-	-	87,517.94	-	-	91.05	-	-	-	(1.07)	-	307,468.56
MO	Other Public Authority	CB-Commercial	1,118	1,476,257	198,546.19	-	(989.77)	-	-	-	-	-	-	663.90	-	-	-	6.85	-	198,227.17
MO		GP-General Power	168	5,538,046	525,989.88	-	(2,938.76)	-	-	-	1,186.02	-	-	2,492.29	-	-	-	(2.18)	-	526,727.25
MO		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	-	1,053	356.93	-	(1.34)	-	-	-	-	-	-	-	-	-	-	-	-	355.59
MO		SH-Small Heating	42	101,137	10,945.01	-	(68.13)	-	-	-	-	-	-	45.49	-	-	-	-	-	10,922.37
MO		TEB-Total Electric Bldg	19	414,473	46,056.75	-	(261.96)	-	-	-	-	-	-	186.49	-	-	-	-	-	45,981.28
MO	Other Public Authority Total		1,347	7,530,966	781,894.76	-	(4,259.96)	-	-	-	1,186.02	-	-	3,388.17	-	-	-	4.67	-	782,213.66
MO	Interdepartmental	CB-Commercial	134	142,780	17,425.33	-	(109.02)	-	-	-	-	-	-	64.23	-	-	-	-	-	17,380.54
MO		GP-General Power	4	255,903	18,528.22	-	(179.17)	-	-	-	-	-	-	115.15	-	-	-	-	-	18,464.20
MO		PL-Private Lighting	-	253	66.55	-	(0.23)	-	-	-	-	-	-	-	-	-	-	-	-	66.32
MO	Interdepartmental Total		138	398,936	36,020.10	-	(288.42)	-	-	-	-	-	-	179.38	-	-	-	-	-	35,911.06
MO	Wholesale Municipalities	GFR-Lockwood	1	737,589	27,714.53	-	21,176.18	-	-	-	-	-	-	-	-	-	-	-	-	48,890.71
MO		GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MO	Wholesale Municipalities Total	1	737,589	27,714.53	-	21,176.18	-	-	-	-	-	-	-	-	-	-	-	-	-	48,890.71		
MO Total		158,510	333,209,617	36,216,235.55	724,963.63	(143,445.00)	11,150.37	(10.66)	(7.32)	221,486.04	(1.35)	(0.82)	114,121.11	8,118.65	-	-	-	-	-	12,817.02	(67.46)	37,165,359.77
OK	Residential	11	33,833	8,337.56	-	1,213.87	-	-	-	9.44	-	-	-	-	-	-	-	-	-	-	-	9,560.87
OK		2,898	2,382,737	210,866.02	8,018.49	85,534.31	-	-	-	1,430.12	-	-	-	-	-	-	-	-	-	(23,281.16)	-	282,567.78
OK		910	1,310,803	86,491.06	1,674.40	47,085.50	-	-	-	786.59	-	-	-	-	-	-	-	-	-	(7,795.02)	-	128,242.53
OK	Residential Total	3,819	3,727,373	305,694.64	9,692.89	133,833.68	-	-	-	2,226.15	-	-	-	-	-	-	-	-	-	(31,076.18)	-	420,371.18
OK	Commercial	725	814,011	93,240.73	2,234.98	29,240.71	-	-	-	366.29	-	-	-	-	-	-	-	-	-	(11,079.10)	-	114,003.61
OK		62	1,234,493	95,704.19	-	44,326.95	-	-	-	456.76	-	-	-	-	-	-	-	-	-	(7,802.00)	-	132,685.90
OK		9	2,522	312.86	-	90.57	-	-	-	0.60	-	-	-	-	-	-	-	-	-	(88.11)	-	315.92
OK		8	43,824	9,033.57	-	1,552.88	-	-	-	10.60	-	-	-	-	-	-	-	-	-	-	-	10,597.05
OK		1	1,339,200	61,324.75	-	28,834.32	-	-	-	4,665.22	281.23	-	-	-	-	-	-	-	-	(6,816.53)	-	88,288.99
OK		27	216,775	14,956.03	-	7,783.74	-	-	-	149.58	-	-	-	-	-	-	-	-	-	(843.24)	-	22,046.11
OK		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK	Commercial Total	833	3,650,825	274,572.13	2,234.98	111,829.17	-	-	-	4,665.22	1,265.06	-	-	-	-	-	-	-	-	(26,628.98)	-	367,937.58
OK	Industrial	2	11	41.82	-	0.39	-	-	-	-	-	-	-	-	-	-	-	-	-	(0.15)	-	42.06
OK		5	217,464	18,234.42	62.76	7,808.48	-	-	-	2,045.83	80.46	-	-	-	-	-	-	-	-	(1,374.37)	-	26,857.58
OK		-	1,059	306.32	-	35.83	-	-	-	0.26	-	-	-	-	-	-	-	-	-	-	-	342.41
OK		3	1,737,789	95,389.91	-	48,708.90	-	-	-	6,905.05	364.93	-	-	-	-	-	-	-	-	(8,845.35)	-	142,523.44
OK		1	2,016,000	89,676.48	-	43,406.50	-	-	-	423.36	-	-	-	-	-	-	-	-	-	(10,261.44)	-	123,244.90
OK	Industrial Total	11	3,972,323	203,648.95	62.76	99,960.10	-	-	-	8,950.88	869.01	-	-	-	-	-	-	-	-	(20,481.31)	-	293,010.39
OK	Muni Street & Highway Lighting	11	935	333.17	-	33.58	-	-	-	0.42	-	-	-	-	-	-	-	-	-	(12.74)	-	354.43
OK		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OK		1	321	84.54	-	11.52	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-	-	96.13
OK		-	60,872	5,506.10	-	1,333.58	-	-	-	1,032.16	14.61	-	-	-	-	-	-	-	-	(1,073.77)	-	6,812.68
OK	Muni Street & Highway Lighting Total	13	62,128	5,923.81	-	1,378.68	-	-	-	1,032.16	15.10	-	-	-	-	-	-	-	-	(1,086.51)	-	7,263.24
OK	Other Public Authority	73	88,696	10,173.63	-	3,184.83	-	-	-	39.92	-	-	-	-	-	-	-	-	-	(1,208.05)	-	12,190.33
OK		6	73,920	6,813.01	-	2,654.25	-	-	-	27.36	-	-	-	-	-	-	-	-	-	(467.18)	-	9,027.44
OK		1	1,671	176.52	-	60.00	-	-	-	1.15	-	-	-	-	-	-	-	-	-	(6.50)	-	231.17
OK	Other Public Authority Total	80	164,287	17,163.16	-	5,899.08	-	-	-	68.43	-	-	-	-	-	-	-	-	-	(1,681.73)	-	21,448.94
OK Total		4,756	11,576,936	807,002.69	11,990.63	352,900.71	-	-	-	14,648.26	4,443.75	-	-	-	-	-	-	-	-	(80,954.71)	-	1,110,031.33
Grand Total		177,983	375,052,196	39,027,262.73	793,469.24	911,009.17	52,465.41	45,831.22	32,248.93	263,289.92	4,442.39	18,601.44	114,120.76	37,787.96	-	-	-	-	-	(82,735.81)	243,641.64	41,461,435.01

37,787.96

Electric Revenue Summary by Rate
Total Company Electric
January 31, 2021

Revenue Class	Plan Description	Values																	Total Revenue
		Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcilty	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts	TDC	
Residential	NM-Net Metering	-	(1,007)	(23.22)	-	-	-	-	-	-	-	-	-	-	-	-	-	(23.22)	
	PL-Private Lighting	143	436,722	149,367.10	736.68	1,025.36	22.43	30.79	95.62	-	8.92	42.94	-	-	-	-	(148.77)	128.79	151,309.86
	RGL-Residential Pilot	533	881,876	100,675.75	3,161.71	(1,661.69)	-	-	-	-	-	396.91	-	-	-	-	-	-	102,572.68
	RG-Residential	146,132	217,964,990	25,049,199.05	719,854.26	(81,263.61)	19,483.40	23,961.18	12,119.76	-	3,245.60	12,521.65	90,525.26	15,482.39	-	-	(65,819.12)	112,500.58	25,911,810.40
	RG-Residential Water Heat	742	1,230,192	86,551.57	3,435.30	26,470.09	-	-	-	-	2,239.00	-	-	-	-	-	-	20,871.34	139,567.30
	RH-Residential Total Elec	2,829	7,001,424	439,593.90	11,248.03	115,424.10	-	-	-	8,104.70	-	1,522.08	-	-	-	-	(15,160.75)	73,603.10	634,335.16
Residential Total		150,379	227,514,197	25,825,364.15	738,435.98	59,994.25	19,505.83	23,991.97	22,559.08	-	4,776.60	12,564.59	90,922.17	15,482.39	-	-	(81,128.64)	207,103.81	26,939,572.18
Commercial	CB-Commercial	19,247	31,142,069	3,929,316.37	112,536.78	26,198.84	4,487.46	5,489.97	3,186.62	74.08	649.71	3,123.87	11,966.95	3,401.52	-	-	(22,081.54)	23,846.60	4,102,197.23
	GP-General Power	1,675	51,043,855	4,641,713.27	58,102.70	2,446.58	4,358.66	3,798.38	3,346.22	7,899.31	651.15	3,808.38	19,063.53	2,483.97	-	-	(10,284.44)	17,808.82	4,755,196.53
	LP-Large Power	9	8,560,682	615,104.76	1,292.49	(15,922.86)	-	-	-	-	42,246.38	-	1,557.31	-	-	-	-	-	644,278.08
	LS-Special Lighting	64	92,151	10,192.85	43.58	606.39	-	-	4.25	-	18.31	-	5.57	-	-	-	(2,666.45)	2.03	8,206.53
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PL-Private Lighting	135	778,095	219,111.51	2,708.24	1,006.71	41.61	52.43	97.74	605.36	10.65	76.38	0.36	-	-	-	(201.41)	134.50	223,644.08
	PT-Transmission	1	1,411,200	63,317.28	-	49,799.84	-	-	-	-	4,665.22	296.35	-	-	-	-	(7,183.01)	-	110,895.68
	SH-Small Heating	3,088	9,313,838	972,622.56	24,898.12	(11,349.77)	-	-	491.81	-	-	-	4,006.57	-	-	-	12.33	4,185.53	994,867.15
	TEB-Total Electric Bldg	961	31,733,517	2,896,364.61	33,514.59	(34,520.66)	-	-	1,583.41	1,325.28	376.51	-	13,041.89	-	-	-	(1,905.28)	11,405.68	2,921,186.03
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Total		25,181	134,075,407	13,347,743.21	233,096.50	18,265.07	8,887.73	9,340.78	8,710.05	56,815.63	2,002.68	7,008.63	49,642.18	5,885.49	-	-	(44,309.80)	57,383.16	13,760,471.31
Industrial	CB-Commercial	71	229,414	27,395.05	947.56	115.17	7.90	9.66	38.55	395.66	0.01	5.53	88.00	5.99	-	-	(5.76)	288.45	29,291.77
	GP-General Power	172	16,411,873	1,363,571.72	10,244.08	26,227.38	2,004.58	2,267.82	2,204.74	18,809.19	348.42	1,751.53	4,373.16	1,483.07	-	-	(5,471.35)	14,045.94	1,441,860.28
	LP-Large Power	30	47,775,198	3,350,436.17	960.00	(88,861.89)	-	-	-	62,999.82	-	-	4,352.50	-	-	-	-	-	3,329,886.60
	PFM-Feed Mill/Grain Elev	10	43,603	7,273.29	83.91	(82.86)	-	-	-	-	-	-	19.62	-	-	-	-	-	7,293.96
	PL-Private Lighting	2	58,243	13,226.12	337.70	340.82	8.46	10.58	21.97	395.21	0.26	4.14	-	-	-	-	(30.14)	30.27	14,345.39
	PT-Transmission	11	11,230,192	467,869.08	150.00	258,976.08	14,756.57	16,519.83	6,282.11	24,114.36	418.24	3,781.76	-	10,919.23	-	-	(11,416.46)	28,688.94	821,059.74
	SC-P PRAXAIR Transmission	1	10,769,538	278,146.39	-	(9,288.59)	-	-	-	72.00	-	-	-	-	-	-	-	-	268,928.80
	SH-Small Heating	11	50,795	4,865.24	84.92	157.05	-	-	19.73	-	-	-	17.98	-	-	-	-	167.93	5,312.85
	TEB-Total Electric Bldg	16	1,477,467	135,003.20	2,576.26	(2,575.18)	-	-	18.05	4,138.09	-	-	654.04	-	-	-	(5,252.88)	130.05	139,944.51
	Oil Pipe PT-Transmission	1	1,032,000	54,521.16	-	36,418.25	-	-	-	-	216.72	-	-	-	-	-	-	-	85,903.25
	Oil Pipe GP-General Power	5	736,141	68,430.64	-	(1,398.66)	-	-	-	-	-	-	331.27	-	-	-	-	-	67,363.25
	Oil Pipe LP-Large Power	5	5,317,800	383,604.12	-	(9,891.11)	-	-	-	-	-	-	-	-	-	-	-	-	373,713.01
Industrial Total		335	95,132,264	6,154,342.18	15,384.43	210,136.46	16,777.51	18,807.89	8,585.15	110,924.33	983.65	5,542.96	9,836.57	12,408.29	-	-	(22,176.59)	43,351.58	6,584,904.41
Muni Street & Highway Lighting	CB-Commercial	422	185,742	30,734.64	-	133.28	16.53	20.17	27.37	-	0.86	11.57	73.84	12.52	-	-	(51.82)	205.07	31,184.03
	GP-General Power	3	62,720	7,020.40	-	(119.17)	-	-	-	-	-	-	28.23	-	-	-	-	-	6,929.46
	LS-Special Lighting	95	118,715	17,234.17	-	(195.93)	0.51	1.64	1.33	-	0.07	0.93	50.90	-	-	-	(31.10)	0.64	17,063.16
	MS-Miscellaneous	2	11,295	1,161.74	-	(21.46)	-	-	-	-	-	-	-	-	-	-	-	-	1,140.28
	PL-Private Lighting	1	9,487	2,371.67	-	21.63	1.04	1.27	1.42	-	0.07	1.87	-	-	-	-	(5.43)	1.95	2,395.49
	SH-Small Heating	2	3,468	409.23	-	(6.59)	-	-	-	-	-	-	1.56	-	-	-	-	-	404.20
	SPL-Municipal St Lighting	6	2,122,727	199,077.92	-	4,108.87	104.40	139.19	285.88	94,194.05	15.50	160.22	-	-	-	-	(1,210.22)	488.51	297,364.32
Muni Street & Highway Lighting Total		531	2,514,154	258,009.77	-	3,920.63	122.48	162.27	316.00	94,194.05	16.50	174.59	154.53	12.52	-	-	(1,298.57)	696.17	356,480.94
Other Public Authority	CB-Commercial	1,350	1,777,860	224,732.77	-	3,396.02	453.50	554.83	198.18	48.78	65.42	316.20	631.29	343.76	-	-	(2,302.60)	1,482.96	229,921.11
	GP-General Power	191	7,093,806	615,956.65	-	9,246.36	1,610.11	900.72	614.50	1,186.02	38.77	1,406.85	2,752.42	589.04	-	-	(379.12)	2,515.22	636,437.54
	LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PL-Private Lighting	-	1,275	404.56	-	2.91	0.09	0.12	0.29	-	-	0.17	-	-	-	-	(0.47)	0.39	408.06
	SH-Small Heating	45	167,977	16,719.36	-	232.45	-	-	42.73	-	-	-	65.02	-	-	-	-	363.70	17,423.26
	TEB-Total Electric Bldg	21	581,402	58,867.49	-	(734.53)	-	-	26.94	-	1.74	-	253.82	-	-	-	(9.79)	194.03	58,599.70
Other Public Authority Total		1,607	9,622,320	916,680.83	-	12,143.21	2,063.70	1,455.67	882.64	1,234.80	105.93	1,723.22	3,702.55	932.80	-	-	(2,691.98)	4,556.30	942,789.67
Interdepartmental	CB-Commercial	149	104,838	12,785.17	-	64.68	-	-	20.53	-	-	-	42.11	-	-	-	-	153.64	13,066.13
	GP-General Power	6	169,057	13,683.63	-	(267.84)	-	-	4.95	-	-	-	74.86	-	-	-	-	45.06	13,540.66
	PL-Private Lighting	-	253	66.55	-	(0.48)	-	-	-	-	-	-	-	-	-	-	-	-	66.07
Interdepartmental Total		155	274,148	26,535.35	-	(203.64)	-	-	25.48	-	-	-	116.97	-	-	-	-	198.70	26,672.86
Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Lockwood	1	880,666	29,309.68	-	4,438.56	-	-	-	-	-	-	-	-	-	-	-	-	33,748.24
	GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale Municipalities Total		1	880,666	29,309.68	-	4,438.56	-	-	-	-	-	-	-	-	-	-	-	-	33,748.24
Grand Total		178,189	470,013,155.00	46,557,985.17	986,916.91	308,694.54	47,357.25	53,758.58	41,078.40	263,168.81	7,885.36	27,013.99	154,374.97	34,721.49	-	-	(151,605.58)	313,289.72	48,644,639.61

St	Revenue Class	Plan Description	Values																		
			Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFclty	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	Total Revenue	
AR	Residential	NM-Net Metering	-	(275)	(6.98)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(6.98)	
AR		PL-Private Lighting	5	16,511	2,650.37	6.86	394.15	22.43	30.79	-	-	-	42.94	-	-	-	-	-	(150.12)	-	2,997.42
AR		RG-Residential	4,218	4,763,963	375,559.73	17,527.85	113,943.93	19,483.40	23,961.18	-	-	-	12,521.65	-	15,482.39	-	-	-	(15,872.85)	-	562,607.28
AR	Residential Total		4,223	4,780,199	378,203.12	17,534.71	114,338.08	19,505.83	23,991.97	-	-	-	12,564.59	-	15,482.39	-	-	-	(16,022.97)	-	565,597.72
AR	Commercial	CB-Commercial	628	1,193,477	81,666.93	3,082.73	28,548.00	4,487.46	5,489.97	-	-	-	18.18	-	3,401.52	-	-	-	(3,025.09)	-	126,793.57
AR		GP-General Power	61	1,448,049	78,105.94	302.97	34,637.33	4,358.66	3,798.38	-	-	-	6.00	-	3,808.38	-	-	-	1,005.88	-	128,507.51
AR		LS-Special Lighting	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AR		PL-Private Lighting	2	29,085	4,000.79	37.84	695.57	41.61	52.43	-	-	-	76.38	-	-	-	-	-	(217.00)	-	4,687.62
AR	Commercial Total		694	2,670,611	163,773.66	3,423.54	63,880.90	8,887.73	9,340.78	-	-	-	24.18	-	7,008.63	-	-	-	(2,236.21)	-	259,988.70
AR	Industrial	CB-Commercial	1	2,101	147.66	8.86	50.26	7.90	9.66	-	-	-	5.53	-	5.99	-	-	-	(5.49)	-	230.37
AR		GP-General Power	5	665,975	37,215.60	100.00	15,930.13	2,004.58	2,267.82	-	-	-	3,101.85	-	1,751.53	-	-	-	480.07	-	64,334.65
AR		PL-Private Lighting	-	5,882	522.32	8.07	140.70	8.46	10.58	-	-	-	395.21	-	4.14	-	-	-	(30.14)	-	1,059.34
AR		PT-Transmission	3	5,786,892	216,825.24	100.00	138,422.45	14,756.57	16,519.83	-	-	-	6,918.05	-	3,781.76	-	-	-	(1,279.27)	-	406,963.86
AR	Industrial Total		9	6,460,850	254,710.82	216.93	154,543.54	16,777.51	18,807.89	-	-	-	10,415.11	-	5,542.96	-	-	-	(834.83)	-	472,588.22
AR	Muni Street & Highway Lighting	CB-Commercial	24	4,391	683.74	-	105.03	16.53	20.17	-	-	-	11.57	-	12.52	-	-	-	(25.42)	-	824.14
AR		LS-Special Lighting	6	355	166.80	-	8.48	0.51	1.64	-	-	-	0.93	-	-	-	-	-	(21.32)	-	157.04
AR		PL-Private Lighting	-	711	93.93	-	17.01	1.04	1.27	-	-	-	1.87	-	-	-	-	-	(5.43)	-	109.69
AR		SPL-Municipal St Lighting	-	72,496	2,161.74	-	1,734.09	104.40	139.19	-	-	-	1,590.81	-	160.22	-	-	-	(70.68)	-	5,819.77
AR	Muni Street & Highway Lighting Total		30	77,953	3,106.21	-	1,864.61	122.48	162.27	-	-	-	1,590.81	-	174.59	-	-	-	(122.85)	-	6,910.64
AR	Other Public Authority	CB-Commercial	79	120,619	8,659.90	-	2,885.21	453.50	554.83	-	-	-	316.20	-	343.76	-	-	-	(322.11)	-	12,891.29
AR		GP-General Power	5	534,923	21,954.26	-	12,795.35	1,610.11	900.72	-	-	-	1,406.85	-	589.04	-	-	-	283.22	-	39,539.55
AR		PL-Private Lighting	-	65	8.11	-	1.55	0.09	0.12	-	-	-	0.17	-	-	-	-	-	(0.47)	-	9.57
AR	Other Public Authority Total		84	655,607	30,622.27	-	15,682.11	2,063.70	1,455.67	-	-	-	1,723.22	-	932.80	-	-	-	(39.36)	-	52,440.41
AR	Total		5,040	14,645,220	830,416.08	21,175.18	350,309.24	47,357.25	53,758.58	-	-	-	12,030.10	-	27,013.99	-	-	-	(19,256.22)	-	1,357,525.69

KS	Residential	NM-Net Metering	-	(732)	(16.24)	-	-	-	-	-	-	-	-	-	-	-	(16.24)
KS		PL-Private Lighting	13	50,829	15,889.00	90.79	1,095.86	-	-	95.62	-	-	-	-	-	128.79	17,300.06
KS		RG-Residential	5,542	6,659,252	504,308.49	28,341.74	143,202.20	-	-	12,119.76	-	-	-	-	-	112,500.58	800,472.77
KS		RG-Residential Water Heat	742	1,230,192	86,551.57	3,435.30	26,470.09	-	-	2,239.00	-	-	-	-	-	20,871.34	139,567.30
KS		RH-Residential Total Elec	1,917	4,453,108	282,088.76	8,621.72	95,718.61	-	-	8,104.70	-	-	-	-	-	73,603.10	468,136.89
KS	Residential Total		8,214	12,392,649	888,821.58	40,489.55	266,486.76	-	-	22,559.08	-	-	-	-	-	207,103.81	1,425,460.78
KS	Commercial	CB-Commercial	1,061	1,750,848	168,355.66	6,098.43	37,550.57	-	-	3,186.62	-	-	-	-	-	23,846.60	239,037.88
KS		GP-General Power	66	1,838,596	133,046.40	725.00	39,586.70	-	-	3,346.22	663.34	-	-	-	-	17,808.82	195,176.48
KS		LS-Special Lighting	7	2,340	366.57	3.31	50.29	-	-	4.25	-	-	-	-	-	2.03	426.45
KS		NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	16	53,495	13,444.30	148.41	1,150.09	-	-	97.74	69.00	-	-	-	-	134.50	15,044.04
KS		PT-Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		SH-Small Heating	95	270,210	21,230.21	898.35	5,806.16	-	-	491.81	-	-	-	-	-	4,185.53	32,612.06
KS		TEB-Total Electric Bldg	36	869,999	59,126.21	310.07	18,696.26	-	-	1,583.41	-	-	-	-	-	11,405.68	91,121.63
KS	Commercial Total		1,281	4,785,488	395,569.35	8,183.57	102,840.07	-	-	8,710.05	732.34	-	-	-	-	57,383.16	573,418.54
KS	Industrial	CB-Commercial	8	21,178	1,937.45	60.51	455.13	-	-	38.55	-	-	-	-	-	288.45	2,780.09
KS		GP-General Power	26	1,211,400	90,564.05	275.00	26,214.13	-	-	2,204.74	-	-	-	-	-	14,045.94	133,303.86
KS		PL-Private Lighting	-	12,059	2,487.97	62.20	262.19	-	-	21.97	-	-	-	-	-	30.27	2,864.60
KS		PT-Transmission	5	3,451,711	146,265.48	50.00	77,559.95	-	-	6,282.11	10,291.26	-	-	-	-	28,688.94	269,137.74
KS		SH-Small Heating	2	10,841	802.39	-	232.97	-	-	19.73	-	-	-	-	-	167.93	1,223.02
KS		TEB-Total Electric Bldg	2	9,920	869.68	-	213.18	-	-	18.05	-	-	-	-	-	130.05	1,230.96
KS	Industrial Total		43	4,717,109	242,927.02	447.71	104,937.55	-	-	8,585.15	10,291.26	-	-	-	-	43,351.58	410,540.27
KS	Muni Street & Highway Lighting	CB-Commercial	46	15,058	2,234.24	-	323.58	-	-	27.37	-	-	-	-	-	205.07	2,790.26
KS		LS-Special Lighting	11	733	165.79	-	15.74	-	-	1.33	-	-	-	-	-	0.64	183.50
KS		PL-Private Lighting	-	777	171.62	-	16.76	-	-	1.42	-	-	-	-	-	1.95	191.75
KS		SPL-Municipal St Lighting	-	157,075	10,194.41	-	3,529.48	-	-	285.88	4,053.14	-	-	-	-	488.51	18,551.42
KS	Muni Street & Highway Lighting Total		57	173,643	12,766.06	-	3,885.56	-	-	316.00	4,053.14	-	-	-	-	696.17	21,716.93
KS	Other Public Authority	CB-Commercial	82	108,882	10,819.45	-	2,339.88	-	-	198.18	48.78	-	-	-	-	1,482.96	14,889.25
KS		GP-General Power	12	337,628	21,329.54	-	7,255.63	-	-	614.50	-	-	-	-	-	2,515.22	31,714.89
KS		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS		PL-Private Lighting	-	157	39.52	-	3.37	-	-	0.29	-	-	-	-	-	0.39	43.57
KS		SH-Small Heating	3	23,480	1,716.60	-	504.58	-	-	42.73	-	-	-	-	-	363.70	2,627.61
KS		TEB-Total Electric Bldg	1	14,800	1,141.82	-	318.05	-	-	26.94	-	-	-	-	-	194.03	1,680.84
KS	Other Public Authority Total		98	484,947	35,046.93	-	10,421.51	-	-	882.64	48.78	-	-	-	-	4,556.30	50,956.16
KS	Interdepartmental	CB-Commercial	13	11,280	981.17	-	242.40	-	-	20.53	-	-	-	-	-	153.64	1,397.74
KS		GP-General Power	2	2,720	1,116.48	-	58.46	-	-	4.95	-	-	-	-	-	45.06	1,224.95
KS	Interdepartmental Total		15	14,000	2,097.65	-	300.86	-	-	25.48	-	-	-	-	-	198.70	2,622.69
KS	Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KS	Wholesale Municipalities Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

KS Total			9,708	22,567,836	1,577,228.59	49,120.83	488,872.31	-	-	41,078.40	15,125.52	-	-	-	-	-	313,289.72	2,484,715.37
MO	Residential	NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	117	335,469	122,865.42	639.03	(637.35)	-	-	-	-	-	-	-	-	-	1.35	122,868.45
MO		RGL-Residential Pilot	533	881,876	100,675.75	3,161.71	(1,661.69)	-	-	-	-	-	-	-	-	-	-	102,572.68
MO		RG-Residential	133,474	201,137,039	23,759,942.27	660,485.19	(380,451.79)	-	-	-	-	-	-	-	-	-	(58.21)	24,130,442.72
MO	Residential Total		134,124	202,354,384	23,983,483.44	664,285.93	(382,750.83)	-	-	-	-	-	-	-	-	-	(56.86)	24,355,883.85
MO	Commercial	CB-Commercial	16,833	26,754,020	3,526,685.44	100,038.12	(50,997.23)	-	-	-	55.90	-	-	-	-	-	616.90	3,588,366.08
MO		GP-General Power	1,487	45,997,375	4,308,296.05	57,074.73	(87,094.49)	-	-	-	7,229.97	-	-	-	-	-	(168.13)	4,304,401.66
MO		LP-Large Power	9	8,560,682	615,104.76	1,292.49	(15,922.86)	-	-	-	42,246.38	-	-	-	-	-	-	644,278.08
MO		LS-Special Lighting	45	13,496	2,393.41	40.27	(25.50)	-	-	-	-	-	-	-	-	-	-	2,413.75
MO		MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	110	651,499	192,606.54	2,521.99	(1,217.84)	-	-	-	536.36	-	-	-	-	-	15.59	194,463.00
MO		SH-Small Heating	2,993	9,043,628	951,392.35	23,999.77	(17,155.93)	-	-	-	-	-	-	-	-	-	12.33	962,255.09
MO		TEB-Total Electric Bldg	899	30,317,843	2,802,322.86	33,204.52	(57,266.88)	-	-	-	1,325.28	-	-	-	-	-	217.39	2,792,845.06
MO	Commercial Total		22,376	121,338,543	12,398,801.41	218,171.89	(229,680.73)	-	-	-	51,393.89	-	-	-	-	-	694.08	12,489,022.72
MO	Industrial	CB-Commercial	60	206,115	25,267.06	878.19	(390.37)	-	-	-	395.66	-	-	-	-	-	-	26,238.54
MO		GP-General Power	136	13,592,818	1,168,370.45	9,830.28	(25,927.68)	-	-	-	13,183.21	-	-	-	-	-	-	1,169,829.42
MO		LP-Large Power	30	47,775,198	3,350,436.17	960.00	(88,861.89)	-	-	-	62,999.82	-	-	-	-	-	-	3,329,886.60
MO		PFM-Feed Mill/Grain Elev	10	43,603	7,273.29	83.91	(82.86)	-	-	-	-	-	-	-	-	-	-	7,293.96
MO		PL-Private Lighting	2	39,243	9,909.51	267.43	(74.58)	-	-	-	-	-	-	-	-	-	-	10,102.36
MO		SC-P PRAXAIR Transmission	1	10,769,538	278,146.39	-	(9,288.59)	-	-	-	72.00	-	-	-	-	-	-	268,929.80
MO		SH-Small Heating	9	39,954	4,062.85	84.92	(75.92)	-	-	-	-	-	-	-	-	-	-	4,089.83
MO		TEB-Total Electric Bldg	14	1,467,547	134,133.52	2,576.26	(2,788.36)	-	-	-	4,138.09	-	-	-	-	-	-	138,713.55
MO		Oil Pipe GP-General Power	5	736,141	68,430.64	-	(1,398.66)	-	-	-	-	-	-	-	-	-	-	67,363.25
MO		Oil Pipe LP-Large Power	5	5,317,800	383,604.12	-	(9,891.11)	-	-	-	-	-	-	-	-	-	-	373,713.01
MO	Industrial Total		272	79,987,957	5,429,634.00	14,680.99	(138,780.02)	-	-	-	80,788.78	-	-	-	-	-	9,836.57	5,396,160.32
MO	Muni Street & Highway Lighting	CB-Commercial	341	164,349	27,374.07	-	(310.14)	-	-	-	-	-	-	-	-	-	0.08	27,137.85
MO		GP-General Power	3	62,720	7,020.40	-	(119.17)	-	-	-	-	-	-	-	-	-	-	6,929.46
MO		LS-Special Lighting	77	117,347	16,855.94	-	(222.28)	-	-	-	-	-	-	-	-	-	-	16,684.56
MO		MS-Miscellaneous	2	11,295	1,161.74	-	(21.46)	-	-	-	-	-	-	-	-	-	-	1,140.28
MO		PL-Private Lighting	-	7,678	2,021.58	-	(14.58)	-	-	-	-	-	-	-	-	-	-	2,007.00
MO		SH-Small Heating	2	3,468	409.23	-	(6.59)	-	-	-	-	-	-	-	-	-	-	404.20
MO		SPL-Municipal St Lighting	6	1,828,557	181,215.67	-	(3,474.26)	-	-	-	87,517.94	-	-	-	-	-	-	265,259.35
MO	Muni Street & Highway Lighting Total		431	2,195,414	236,058.63	-	(4,168.48)	-	-	-	87,517.94	-	-	-	-	-	0.08	319,562.70
MO	Other Public Authority	CB-Commercial	1,116	1,402,980	189,769.41	-	(2,937.05)	-	-	-	-	-	-	-	-	-	-	187,463.20
MO		GP-General Power	168	6,116,455	564,273.73	-	(11,603.29)	-	-	-	1,186.02	-	-	-	-	-	-	556,608.88
MO		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	-	1,053	356.93	-	(2.01)	-	-	-	-	-	-	-	-	-	-	354.92
MO		SH-Small Heating	42	144,497	15,002.76	-	(272.13)	-	-	-	-	-	-	-	-	-	-	14,795.65
MO		TEB-Total Electric Bldg	19	564,085	57,497.78	-	(1,071.76)	-	-	-	-	-	-	-	-	-	-	56,679.84
MO	Other Public Authority Total		1,345	8,229,070	826,900.61	-	(15,886.24)	-	-	-	1,186.02	-	-	-	-	-	(0.45)	815,902.49
MO	Interdepartmental	CB-Commercial	136	93,558	11,804.00	-	(177.72)	-	-	-	-	-	-	-	-	-	-	11,668.39
MO		GP-General Power	4	166,337	12,567.15	-	(326.30)	-	-	-	-	-	-	-	-	-	-	12,315.71
MO		PL-Private Lighting	-	253	66.55	-	(0.48)	-	-	-	-	-	-	-	-	-	-	66.07
MO	Interdepartmental Total		140	260,148	24,437.70	-	(504.50)	-	-	-	-	-	-	-	-	-	-	24,050.17
MO	Wholesale Municipalities	GFR-Lockwood	1	880,666	29,309.68	-	4,438.56	-	-	-	-	-	-	-	-	-	-	33,748.24
MO		GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO	Wholesale Municipalities Total		1	880,666	29,309.68	-	4,438.56	-	-	-	-	-	-	-	-	-	-	33,748.24

MO Total			158,689	415,246,182	42,928,625.47	897,138.81	(767,332.24)	-	-	-	220,886.63	-	-	154,374.97	-	-	-	636.85	-	43,434,330.49	
OK	Residential	PL-Private Lighting	8	33,913	7,962.31	-	172.70	-	-	-	-	-	-	8.92	-	-	-	-	-	8,143.93	
OK		RG-Residential	2,898	5,404,736	409,388.56	13,499.48	42,042.05	-	-	-	-	-	-	3,245.60	-	-	-	(49,888.06)	-	418,287.63	
OK		RH-Residential Total Elec	912	2,548,316	157,505.14	2,626.31	19,705.49	-	-	-	-	-	-	1,522.08	-	-	-	-	-	156,198.27	
OK	Residential Total		3,818	7,986,965	574,856.01	16,125.79	61,920.24	-	-	-	-	-	-	4,776.60	-	-	-	(65,048.81)	-	592,629.83	
OK	Commercial	CB-Commercial	725	1,443,724	152,608.34	3,317.50	11,097.50	-	-	-	-	-	-	649.71	-	-	-	-	-	147,999.70	
OK		GP-General Power	61	1,759,835	122,264.88	-	15,317.04	-	-	-	-	-	-	651.15	-	-	-	-	-	127,110.88	
OK		LS-Special Lighting	9	76,315	7,432.87	-	581.60	-	-	-	-	-	-	18.31	-	-	-	-	-	5,366.33	
OK		PL-Private Lighting	7	44,015	9,059.88	-	378.89	-	-	-	-	-	-	10.65	-	-	-	-	-	9,449.42	
OK		PT-Transmission	1	1,411,200	63,317.28	-	49,799.84	-	-	-	-	-	-	4,665.22	-	-	-	-	-	110,895.68	
OK		TEB-Total Electric Bldg	26	545,675	34,915.54	-	4,049.96	-	-	-	-	-	-	376.51	-	-	-	-	-	37,219.34	
OK		NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OK	Commercial Total		830	5,280,764	389,598.79	3,317.50	81,224.83	-	-	-	-	-	-	4,665.22	2,002.68	-	-	-	(42,767.67)	438,041.35	
OK	Industrial	CB-Commercial	2	20	42.88	-	0.15	-	-	-	-	-	-	0.01	-	-	-	-	-	42.77	
OK		GP-General Power	5	941,680	67,421.62	38.80	10,010.80	-	-	-	-	-	-	2,524.13	348.42	-	-	-	-	74,392.35	
OK		PL-Private Lighting	-	1,059	306.32	-	12.51	-	-	-	-	-	-	-	0.26	-	-	-	-	319.09	
OK		PT-Transmission	3	1,991,589	104,778.36	-	42,993.68	-	-	-	-	-	-	6,905.05	418.24	-	-	-	-	144,958.14	
OK		Oil Pipe PT-Transmission	1	1,032,000	54,521.16	-	36,418.25	-	-	-	-	-	-	-	216.72	-	-	-	-	85,903.25	
OK	Industrial Total		11	3,966,348	227,070.34	38.80	89,435.39	-	-	-	-	-	-	9,429.18	983.65	-	-	-	(21,341.76)	305,615.60	
OK	Muni Street & Highway Lighting	CB-Commercial	11	1,944	442.59	-	14.81	-	-	-	-	-	-	0.86	-	-	-	-	-	431.78	
OK		LS-Special Lighting	1	280	45.64	-	2.13	-	-	-	-	-	-	0.07	-	-	-	-	-	38.06	
OK		PL-Private Lighting	1	321	84.54	-	2.44	-	-	-	-	-	-	0.07	-	-	-	-	-	87.05	
OK		SPL-Municipal St Lighting	-	64,599	5,506.10	-	2,319.56	-	-	-	-	-	-	1,032.16	15.50	-	-	-	-	7,733.78	
OK	Muni Street & Highway Lighting Total		13	67,144	6,078.87	-	2,338.94	-	-	-	-	-	-	1,032.16	16.50	-	-	-	(1,175.80)	8,290.67	
OK	Other Public Authority	CB-Commercial	73	145,379	15,484.01	-	1,107.98	-	-	-	-	-	-	65.42	-	-	-	-	-	14,677.37	
OK		GP-General Power	6	104,800	8,399.12	-	798.67	-	-	-	-	-	-	38.77	-	-	-	-	-	8,574.22	
OK		TEB-Total Electric Bldg	1	2,517	227.89	-	19.18	-	-	-	-	-	-	1.74	-	-	-	-	-	239.02	
OK	Other Public Authority Total		80	252,696	24,111.02	-	1,925.83	-	-	-	-	-	-	105.93	-	-	-	-	(2,652.17)	23,490.61	
OK Total			4,752	17,553,918	1,221,715.03	19,482.09	236,845.23	-	-	-	-	-	-	15,126.56	7,885.36	-	-	-	(132,986.21)	1,368,068.06	
Grand Total			178,189	470,013,155	46,557,985.17	986,916.91	308,694.54	47,357.25	53,758.58	41,078.40	263,168.81	7,885.36	27,013.99	154,374.97	34,721.49	-	-	-	(151,605.58)	313,289.72	48,644,639.61

37,787.96

Electric Revenue Summary by Rate
Total Company Electric
February 28, 2021

Revenue Class	Plan Description	Values																	Total Revenue	
		Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcilty	SWPP	EERC	EFF	TCR	ECP	LIAP	Tax Cuts	TDC		
Residential	NM-Net Metering	-	(1,795)	(136.57)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(136.57)	
	PL-Private Lighting	143	435,269	149,576.73	737.60	1,728.93	22.41	30.75	95.23	-	9.45	42.89	-	-	-	-	-	(98.87)	128.32	152,273.44
	RGL-Residential Pilot	527	975,548	106,827.81	3,229.79	(1,853.70)	-	-	-	-	-	439.01	-	-	-	-	-	-	-	108,642.91
	RG-Residential	146,263	216,395,193	24,993,430.30	703,020.41	(45,183.79)	17,523.88	21,549.90	11,415.38	-	1,849.30	11,270.16	91,147.55	13,916.12	-	-	-	(38,586.26)	105,936.51	25,887,289.46
	RG-Residential Water Heat	742	1,020,687	74,200.61	3,427.97	23,903.02	-	-	1,855.48	-	-	-	-	-	-	-	-	-	-	17,310.86
	RH-Residential Total Elec	2,831	7,246,204	452,386.84	12,396.74	170,324.68	-	-	8,876.92	-	1,421.50	-	-	-	-	-	-	(14,094.47)	80,623.89	711,936.10
Residential Total		150,506	226,071,105	25,776,285.72	722,812.51	148,919.14	17,546.29	21,580.65	22,243.01	-	3,280.25	11,313.05	91,586.56	13,916.12	-	-	-	(52,779.60)	203,999.58	26,980,703.28
Commercial	CB-Commercial	19,240	30,267,276	3,868,737.12	109,488.40	29,548.60	3,611.93	4,418.97	2,317.69	-	74.08	467.69	2,512.59	12,093.44	2,737.84	-	-	(15,828.74)	17,347.43	4,037,527.04
	GP-General Power	1,674	48,744,489	4,564,109.55	56,180.05	19,533.04	3,781.17	3,552.45	3,121.82	7,843.06	525.04	3,303.81	18,519.96	2,323.15	-	-	-	(8,357.54)	17,204.20	4,691,639.76
	LP-Large Power	9	9,601,281	673,466.42	1,282.40	(17,858.37)	-	-	-	42,246.38	-	-	-	2,048.26	-	-	-	-	-	701,185.09
	LS-Special Lighting	62	16,631	2,949.59	38.23	83.52	0.08	0.27	3.58	-	0.61	0.15	5.19	-	-	-	-	(101.77)	1.70	2,981.15
	MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NM-Net Metering	-	(1,601)	(42.47)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(42.47)
	PL-Private Lighting	136	776,402	221,497.85	2,682.06	1,706.87	41.61	52.42	97.88	605.36	10.53	76.37	0.36	-	-	-	-	(137.05)	134.68	226,768.94
	PT-Transmission	1	1,411,200	63,317.28	-	10,569.89	-	-	-	4,665.22	296.35	-	-	-	-	-	-	(7,183.01)	-	71,665.73
	SH-Small Heating	3,087	10,313,395	1,066,903.79	26,787.73	(12,336.39)	-	-	525.21	-	-	-	4,444.00	-	-	-	-	0.08	4,470.11	1,090,794.53
	TEB-Total Electric Bldg	961	32,462,750	2,932,429.41	34,216.49	(28,126.53)	-	-	1,686.31	1,132.76	280.77	-	-	13,382.29	-	-	-	(1,762.39)	12,146.88	2,965,385.99
	NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Total		25,171	133,591,822	13,393,368.54	230,675.36	3,120.63	7,434.79	8,024.11	7,752.49	56,566.86	1,580.99	5,892.92	50,493.50	5,060.99	-	-	-	(33,370.42)	51,305.00	13,787,905.76
Industrial	CB-Commercial	71	214,074	25,617.37	859.29	169.82	6.51	7.97	38.51	395.66	-	4.56	81.65	4.94	-	-	-	(2.88)	288.15	27,471.55
	GP-General Power	172	15,646,741	2,511,147.40	9,907.63	628,380.87	1,737.17	2,215.91	2,075.12	17,849.17	128.21	(1,647.68)	4,227.54	1,449.10	-	-	-	(1,850.90)	15,468.08	3,191,087.62
	LP-Large Power	30	49,819,790	3,427,519.60	960.00	(92,664.83)	-	-	-	62,999.82	-	-	4,675.55	-	-	-	-	-	-	3,403,490.14
	PFM-Feed Mill/Grain Elev	10	34,653	5,846.39	92.86	(65.85)	-	-	-	-	-	-	15.59	-	-	-	-	-	-	5,888.99
	PL-Private Lighting	2	58,238	13,227.51	338.06	363.40	8.46	10.58	21.97	395.21	0.26	4.14	-	-	-	-	-	(26.46)	30.27	14,373.40
	PT-Transmission	11	11,967,192	480,290.77	150.00	258,605.78	14,689.25	15,862.35	7,789.98	25,997.66	404.57	4,525.71	-	10,484.65	-	-	-	(11,040.11)	34,184.14	841,944.75
	SC-P PRAXAIR Transmission	1	5,927,185	306,373.35	-	(11,024.56)	-	-	-	72.00	-	-	-	-	-	-	-	-	-	295,420.79
	SH-Small Heating	11	50,565	4,880.75	90.02	135.42	-	-	16.76	-	-	-	18.60	-	-	-	-	-	142.63	5,284.18
	TEB-Total Electric Bldg	16	1,478,094	135,527.70	2,587.70	(2,480.55)	-	-	23.73	4,138.09	-	-	652.92	-	-	-	-	(10,668.64)	170.95	140,620.54
	Oil Pipe PT-Transmission	1	2,096,000	93,680.20	-	15,699.04	-	-	-	-	440.16	-	-	-	-	-	-	-	-	99,150.76
	Oil Pipe GP-General Power	5	724,958	68,026.03	-	(1,377.41)	-	-	-	-	-	-	326.24	-	-	-	-	-	-	66,974.86
	Oil Pipe LP-Large Power	5	6,523,654	436,747.23	-	(12,134.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	424,613.23
Industrial Total		335	94,541,144	7,508,884.30	14,985.56	783,607.13	16,441.39	18,096.81	9,966.07	111,847.61	973.20	2,886.73	9,998.09	11,938.69	-	-	-	(23,588.99)	50,284.22	8,516,320.81
Muni Street & Highway Lighting	CB-Commercial	421	152,123	26,814.74	-	260.81	21.43	26.21	26.47	-	0.65	14.97	58.62	16.22	-	-	-	(41.11)	198.21	27,397.22
	GP-General Power	3	60,160	6,796.57	-	(114.30)	-	-	-	-	-	-	27.07	-	-	-	-	-	-	6,709.34
	LS-Special Lighting	95	15,244	(9,239.38)	-	179.10	0.38	1.23	0.75	-	0.01	0.69	(39.01)	-	-	-	-	(15.39)	0.35	(9,111.27)
	MS-Miscellaneous	2	11,295	1,161.74	-	(21.46)	-	-	-	-	-	-	-	-	-	-	-	-	-	1,140.28
	PL-Private Lighting	1	9,487	2,372.66	-	27.92	1.04	1.27	1.42	-	0.07	1.87	-	-	-	-	-	(3.78)	1.95	2,404.42
	SH-Small Heating	2	3,507	412.81	-	(6.67)	-	-	-	-	-	-	1.58	-	-	-	-	-	-	407.72
	SPL-Municipal St Lighting	6	2,095,942	199,042.67	-	2,121.34	103.39	137.86	283.23	94,744.41	15.35	188.83	-	-	-	-	-	(1,199.25)	483.98	295,921.81
Muni Street & Highway Lighting Total		530	2,347,758	227,361.81	-	2,446.74	126.24	166.57	311.87	94,744.41	16.08	206.36	48.26	16.22	-	-	-	(1,259.53)	684.49	324,869.52
Other Public Authority	CB-Commercial	1,346	1,940,500	245,560.82	-	5,127.56	371.27	454.23	178.75	48.78	66.76	259.69	717.80	281.44	-	-	-	(2,215.04)	1,337.97	252,190.03
	GP-General Power	191	6,678,387	596,031.58	-	9,702.88	1,553.41	949.75	514.73	1,186.02	28.87	1,357.30	2,608.17	621.10	-	-	-	(283.46)	2,514.06	616,784.41
	LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PL-Private Lighting	-	1,275	404.89	-	3.19	0.09	0.12	0.29	-	-	0.17	-	-	-	-	-	(0.20)	0.39	408.94
	SH-Small Heating	45	210,615	20,650.27	-	173.03	-	-	41.49	-	-	-	84.52	-	-	-	-	-	353.18	21,302.49
	TEB-Total Electric Bldg	21	631,122	66,436.66	-	(821.39)	-	-	21.99	-	2.01	-	277.27	-	-	-	-	(11.33)	158.37	66,063.58
Other Public Authority Total		1,603	9,461,899	929,084.22	-	14,185.27	1,924.77	1,404.10	757.25	1,234.80	97.64	1,617.16	3,687.76	902.54	-	-	-	(2,510.03)	4,363.97	956,749.45
Interdepartmental	CB-Commercial	152	567,216	66,881.55	-	(438.54)	-	-	28.32	-	-	-	276.50	-	-	-	-	-	211.98	66,959.81
	GP-General Power	6	157,424	12,947.30	-	(200.55)	-	-	7.14	-	-	-	69.07	-	-	-	-	-	74.36	12,897.32
	PL-Private Lighting	-	253	66.55	-	(0.48)	-	-	-	-	-	-	-	-	-	-	-	-	-	66.07
Interdepartmental Total		158	724,893	79,895.40	-	(639.57)	-	-	35.46	-	-	-	345.57	-	-	-	-	-	286.34	79,923.20
Wholesale Municipalities	GFR-Chetopa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Lockwood	1	910,268	19,947.22	-	19,124.73	-	-	-	-	-	-	-	-	-	-	-	-	-	39,071.95
	GFR-Monnett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale Municipalities Total		1	910,268	19,947.22	-	19,124.73	-	-	-	-	-	-	-	-	-	-	-	-	-	39,071.95
Grand Total		178,304	467,648,890.00	47,934,827.21	968,473.43	970,764.07	43													

St	Revenue Class	Plan Description	Values																			
			Customers	KWHs	Usage	Franchise Fee	Fuel	EnvRec	Riverton Rider	Property Tax	ExcessFcly	SWPP	EERC	EFF	TCR	ECP	LIAP	TaxCuts	TDC	Total Revenue		
AR	Residential	NM-Net Metering	-	(1,795)	(136.57)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(136.57)		
AR		PL-Private Lighting	7	16,494	2,646.95	7.02	393.73	22.41	30.75	-	-	-	42.89	-	-	-	-	-	(99.11)	-	3,044.64	
AR		RG-Residential	4,231	4,283,634	346,256.34	16,181.65	102,492.26	17,523.88	21,549.90	-	-	-	11,270.16	-	13,916.12	-	-	-	(9,735.65)	-	519,454.66	
AR	Residential Total		4,238	4,298,333	348,766.72	16,188.67	102,885.99	17,546.29	21,580.65	-	-	-	11,313.05	-	13,916.12	-	-	-	(9,834.76)	-	522,362.73	
AR	Commercial	CB-Commercial	629	960,634	69,075.16	2,621.19	22,978.28	3,611.93	4,418.97	-	-	-	18.18	-	2,512.59	-	2,737.84	-	-	(1,678.56)	-	106,295.58
AR		GP-General Power	61	1,256,199	72,466.48	307.95	30,048.27	3,781.17	3,552.45	-	-	-	6.00	-	3,303.81	-	2,323.15	-	-	609.74	-	116,399.02
AR		LS-Special Lighting	3	59	125.10	3.05	1.41	0.08	0.27	-	-	-	-	-	0.15	-	-	-	-	(13.62)	-	116.44
AR		PL-Private Lighting	2	29,083	4,000.50	38.53	695.53	41.61	52.42	-	-	-	-	-	76.37	-	-	-	-	(129.75)	-	4,775.21
AR		Commercial Total		695	2,245,975	145,667.24	2,970.72	53,723.49	7,434.79	8,024.11	-	-	-	24.18	-	5,892.92	-	5,060.99	-	-	(1,212.19)	-
AR	Industrial	CB-Commercial	1	1,732	127.69	7.61	41.43	6.51	7.97	-	-	-	-	-	4.56	-	4.94	-	-	(2.88)	-	197.83
AR		GP-General Power	5	577,131	34,518.36	100.00	9,604.93	1,737.17	2,215.91	-	-	-	3,101.85	-	(1,647.68)	-	1,449.10	-	-	339.06	-	51,418.70
AR		PL-Private Lighting	-	5,882	522.32	8.21	140.70	8.46	10.58	-	-	-	395.21	-	4.14	-	-	-	-	(26.46)	-	1,063.16
AR		PT-Transmission	3	5,760,492	209,202.75	100.00	137,790.96	14,689.25	15,862.35	-	-	-	6,918.05	-	4,525.71	-	10,484.65	-	-	(1,234.29)	-	398,339.43
AR		Industrial Total		9	6,345,237	244,371.12	215.82	147,578.02	16,441.39	18,096.81	-	-	-	10,415.11	-	2,886.73	-	11,938.69	-	-	(924.57)	-
AR	Muni Street & Highway Lighting	CB-Commercial	24	5,694	767.47	-	136.20	21.43	26.21	-	-	-	-	-	14.97	-	16.22	-	-	(21.28)	-	961.22
AR		LS-Special Lighting	6	264	166.80	-	6.31	0.38	1.23	-	-	-	-	-	0.69	-	-	-	-	(13.99)	-	161.42
AR		PL-Private Lighting	-	711	93.93	-	17.01	1.04	1.27	-	-	-	-	-	1.87	-	-	-	-	(3.78)	-	111.34
AR		SPL-Municipal St Lighting	-	71,799	2,161.74	-	1,717.43	103.39	137.86	-	-	-	1,590.81	-	188.83	-	-	-	-	(70.68)	-	5,829.38
AR		Muni Street & Highway Lighting Total		30	78,468	3,189.94	-	1,876.95	126.24	166.57	-	-	-	1,590.81	-	206.36	-	16.22	-	-	(109.73)	-
AR	Other Public Authority	CB-Commercial	77	98,747	7,417.31	-	2,362.01	371.27	454.23	-	-	-	-	-	259.69	-	281.44	-	-	(195.65)	-	10,950.30
AR		GP-General Power	5	516,082	21,737.15	-	12,344.68	1,553.41	949.75	-	-	-	-	-	1,357.30	-	621.10	-	-	174.79	-	38,738.18
AR		PL-Private Lighting	-	65	8.11	-	1.55	0.09	0.12	-	-	-	-	-	0.17	-	-	-	-	(0.20)	-	9.84
AR	Other Public Authority Total		82	614,894	29,162.57	-	14,708.24	1,924.77	1,404.10	-	-	-	-	1,617.16	-	902.54	-	-	-	(21.06)	-	49,698.32
AR	Total		5,054	13,582,906	771,157.59	19,375.21	320,772.69	43,473.48	49,272.24	-	-	-	12,030.10	-	21,916.22	-	31,834.56	-	-	(12,102.31)	-	1,257,729.78

KS Total			9,715	22,562,981	1,552,008.29	49,709.43	517,187.32	-	-	41,066.15	15,128.09	-	-	-	-	-	310,923.60	2,486,022.88
MO	Residential	NM-Net Metering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	118	334,409	122,457.95	639.65	(635.09)	-	-	-	-	-	-	-	-	-	0.24	122,462.75
MO		RGL-Residential Pilot	527	975,548	106,827.81	3,229.79	(1,853.70)	-	-	-	-	-	-	-	-	-	-	108,642.91
MO		RG-Residential	133,583	202,758,040	23,910,162.00	649,709.14	(384,853.76)	-	-	-	-	-	-	-	-	-	91,147.55	24,266,242.50
MO	Residential Total		134,228	204,067,996	24,139,447.76	653,578.58	(387,348.55)	-	-	-	-	-	-	-	-	-	83.57	24,497,348.16
MO	Commercial	CB-Commercial	16,825	26,992,336	3,553,869.19	99,029.21	(51,286.39)	-	-	-	55.90	-	-	-	-	-	5.26	3,613,766.61
MO		GP-General Power	1,487	44,354,119	4,260,159.81	55,192.58	(84,272.97)	-	-	-	7,173.72	-	-	-	-	-	-	4,256,773.10
MO		LP-Large Power	9	9,601,281	673,466.42	1,282.40	(17,858.37)	-	-	-	42,246.38	-	-	-	-	-	-	701,185.09
MO		LS-Special Lighting	43	12,082	2,148.61	31.97	(22.96)	-	-	-	-	-	-	-	-	-	-	2,162.81
MO		MS-Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	111	650,221	194,943.08	2,492.38	(1,234.12)	-	-	-	536.36	-	-	-	-	-	(7.30)	196,730.76
MO		SH-Small Heating	2,992	10,024,813	1,044,285.28	25,873.96	(19,046.68)	-	-	-	-	-	-	-	-	-	0.08	1,055,556.64
MO		TEB-Total Electric Bldg	899	31,129,309	2,842,722.62	33,899.63	(59,130.29)	-	-	-	1,132.76	-	-	-	-	-	(179.53)	2,831,827.48
MO	Commercial Total		22,366	122,764,161	12,571,595.01	217,802.13	(232,851.78)	-	-	-	51,145.12	-	-	-	-	-	(181.49)	12,658,002.49
MO	Industrial	CB-Commercial	60	191,186	23,506.12	799.77	(363.26)	-	-	-	395.66	-	-	-	-	-	-	24,419.94
MO		GP-General Power	136	13,582,938	1,196,713.76	9,477.86	(25,752.66)	-	-	-	12,701.49	-	-	-	-	-	-	1,197,367.99
MO		LP-Large Power	30	49,819,790	3,427,519.60	960.00	(92,664.83)	-	-	-	62,999.82	-	-	-	-	-	-	3,403,490.14
MO		PFM-Feed Mill/Grain Elev	10	34,653	5,846.39	92.86	(65.85)	-	-	-	-	-	-	-	-	-	-	5,888.99
MO		PL-Private Lighting	2	39,238	9,907.93	267.43	(74.57)	-	-	-	-	-	-	-	-	-	-	10,100.79
MO		SC-P PRAXAIR Transmission	1	5,927,185	306,373.35	-	(11,024.56)	-	-	-	72.00	-	-	-	-	-	-	295,420.79
MO		SH-Small Heating	9	41,357	4,189.60	90.02	(78.58)	-	-	-	-	-	-	-	-	-	-	4,219.64
MO		TEB-Total Electric Bldg	14	1,465,054	134,376.48	2,587.70	(2,783.60)	-	-	-	4,138.09	-	-	-	-	-	-	138,971.59
MO		Oil Pipe GP-General Power	5	724,958	68,026.03	-	(1,377.41)	-	-	-	-	-	-	-	-	-	-	66,974.86
MO		Oil Pipe LP-Large Power	5	6,523,654	436,747.23	-	(12,134.00)	-	-	-	-	-	-	-	-	-	-	424,613.23
MO	Industrial Total		272	78,350,013	5,613,206.49	14,275.64	(146,319.32)	-	-	-	80,307.06	-	-	-	-	-	-	5,571,467.96
MO	Muni Street & Highway Lighting	CB-Commercial	340	130,419	23,419.58	-	(247.92)	-	-	-	-	-	-	-	-	-	-	23,230.28
MO		GP-General Power	3	60,160	6,796.57	-	(114.30)	-	-	-	-	-	-	-	-	-	-	6,709.34
MO		LS-Special Lighting	77	14,531	(9,557.07)	-	162.34	-	-	-	-	-	-	-	-	-	-	(9,433.74)
MO		MS-Miscellaneous	2	11,295	1,161.74	-	(21.46)	-	-	-	-	-	-	-	-	-	-	1,140.28
MO		PL-Private Lighting	-	7,678	2,021.58	-	(14.58)	-	-	-	-	-	-	-	-	-	-	2,007.00
MO		SH-Small Heating	2	3,507	412.81	-	(6.67)	-	-	-	-	-	-	-	-	-	-	407.72
MO		SPL-Municipal St Lighting	6	1,804,541	181,177.44	-	(3,428.01)	-	-	-	88,065.73	-	-	-	-	-	-	265,815.16
MO	Muni Street & Highway Lighting Total		430	2,032,131	205,432.65	-	(3,670.60)	-	-	-	88,065.73	-	-	-	-	-	0.38	289,876.04
MO	Other Public Authority	CB-Commercial	1,114	1,595,224	212,338.50	-	(3,036.29)	-	-	-	-	-	-	-	-	-	-	210,020.39
MO		GP-General Power	168	5,801,439	547,622.66	-	(11,050.49)	-	-	-	1,186.02	-	-	-	-	-	-	540,401.33
MO		LS-Special Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		PL-Private Lighting	-	1,053	356.93	-	(2.01)	-	-	-	-	-	-	-	-	-	-	354.92
MO		SH-Small Heating	42	187,815	18,977.26	-	(356.85)	-	-	-	-	-	-	-	-	-	-	18,704.93
MO		TEB-Total Electric Bldg	19	616,129	65,194.21	-	(1,170.66)	-	-	-	-	-	-	-	-	-	-	64,300.82
MO	Other Public Authority Total		1,343	8,201,660	844,489.56	-	(15,616.30)	-	-	-	1,186.02	-	-	-	-	-	35.35	833,782.39
MO	Interdepartmental	CB-Commercial	139	551,652	65,544.50	-	(800.24)	-	-	-	-	-	-	-	-	-	-	65,020.76
MO		GP-General Power	4	153,504	11,756.66	-	(291.65)	-	-	-	-	-	-	-	-	-	-	11,534.08
MO		PL-Private Lighting	-	253	66.55	-	(0.48)	-	-	-	-	-	-	-	-	-	-	66.07
MO	Interdepartmental Total		143	705,409	77,367.71	-	(1,092.37)	-	-	-	-	-	-	-	-	-	-	76,620.91
MO	Wholesale Municipalities	GFR-Lockwood	1	910,268	19,947.22	-	19,124.73	-	-	-	-	-	-	-	-	-	-	39,071.95
MO		GFR-Monett	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO		GFR-Mt Vernon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO	Wholesale Municipalities Total		1	910,268	19,947.22	-	19,124.73	-	-	-	-	-	-	-	-	-	-	39,071.95

MO Total			158,783	417,031,639	43,471,486.40	885,656.35	(767,774.19)	-	-	-	220,703.93	-	-	156,159.74	-	-	-	(62.33)	-	43,966,169.90	
OK	Residential	PL-Private Lighting	7	33,741	8,306.33	-	793.85	-	-	-	-	9.45	-	-	-	-	-	-	-	9,109.63	
OK		RG-Residential	2,899	3,081,364	253,988.19	8,909.58	91,052.96	-	-	-	-	1,849.30	-	-	-	-	-	-	(28,934.18)	326,865.85	
OK		RH-Residential Total Elec	912	2,368,815	144,512.28	2,929.27	56,918.98	-	-	-	-	1,421.50	-	-	-	-	-	-	(14,094.47)	191,687.56	
OK	Residential Total		3,818	5,483,920	406,806.80	11,838.85	148,765.79	-	-	-	-	3,280.25	-	-	-	-	-	-	(43,028.65)	527,663.04	
OK	Commercial	CB-Commercial	725	1,039,302	115,818.30	1,838.82	27,844.19	-	-	-	-	467.69	-	-	-	-	-	-	(14,155.44)	131,813.56	
OK		GP-General Power	61	1,418,876	106,081.54	-	34,058.59	-	-	-	-	525.04	-	-	-	-	-	-	(8,967.28)	131,697.89	
OK		LS-Special Lighting	9	2,523	305.40	-	59.35	-	-	-	-	0.61	-	-	-	-	-	-	(88.15)	277.21	
OK		PL-Private Lighting	7	43,534	8,994.02	-	1,000.72	-	-	-	-	10.53	-	-	-	-	-	-	-	10,005.27	
OK		PT-Transmission	1	1,411,200	63,317.28	-	10,569.89	-	-	-	-	4,665.22	-	-	-	-	-	-	(7,183.01)	71,665.73	
OK		TEB-Total Electric Bldg	26	406,906	26,645.81	-	9,471.11	-	-	-	-	280.77	-	-	-	-	-	-	(1,582.86)	34,814.83	
OK		NEB-Optional Net Billing	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OK	Commercial Total		830	4,322,341	321,162.35	1,838.82	83,003.85	-	-	-	4,665.22	1,580.99	-	-	-	-	-	-	(31,976.74)	380,274.49	
OK	Industrial	CB-Commercial	2	-	40.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.52	
OK		GP-General Power	5	346,512	1,187,112.08	54.77	618,300.07	-	-	-	-	2,045.83	128.21	-	-	-	-	-	(2,189.96)	1,805,451.00	
OK		PL-Private Lighting	-	1,059	306.32	-	22.42	-	-	-	-	-	0.26	-	-	-	-	-	-	329.00	
OK		PT-Transmission	3	1,926,489	102,045.34	-	28,833.09	-	-	-	-	8,788.35	404.57	-	-	-	-	-	(9,805.82)	130,265.53	
OK		Oil Pipe PT-Transmission	1	2,096,000	93,680.20	-	15,699.04	-	-	-	-	440.16	-	-	-	-	-	-	(10,668.64)	99,150.76	
OK	Industrial Total		11	4,370,060	1,383,184.46	54.77	662,854.62	-	-	-	10,834.18	973.20	-	-	-	-	-	-	(22,664.42)	2,035,236.81	
OK	Muni Street & Highway Lighting	CB-Commercial	11	1,456	394.63	-	34.26	-	-	-	-	0.65	-	-	-	-	-	-	(19.83)	409.71	
OK		LS-Special Lighting	1	40	32.09	-	0.94	-	-	-	-	0.01	-	-	-	-	-	-	(1.40)	31.64	
OK		PL-Private Lighting	1	321	84.54	-	7.54	-	-	-	-	0.07	-	-	-	-	-	-	-	92.15	
OK		SPL-Municipal St Lighting	-	63,978	5,506.10	-	487.57	-	-	-	1,032.16	15.35	-	-	-	-	-	-	(1,128.57)	5,912.61	
OK	Muni Street & Highway Lighting Total		13	65,795	6,017.36	-	530.31	-	-	-	1,032.16	16.08	-	-	-	-	-	-	(1,149.80)	6,446.11	
OK	Other Public Authority	CB-Commercial	73	148,295	15,744.39	-	3,519.35	-	-	-	-	66.76	-	-	-	-	-	-	(2,019.77)	17,310.73	
OK		GP-General Power	6	78,040	7,007.63	-	1,835.80	-	-	-	-	28.87	-	-	-	-	-	-	(493.22)	8,379.08	
OK		TEB-Total Electric Bldg	1	2,913	251.94	-	68.53	-	-	-	-	2.01	-	-	-	-	-	-	(11.33)	311.15	
OK	Other Public Authority Total		80	229,248	23,003.96	-	5,423.68	-	-	-	-	97.64	-	-	-	-	-	-	(2,524.32)	26,000.96	
OK Total			4,752	14,471,364	2,140,174.93	13,732.44	900,578.25	-	-	-	16,531.56	5,948.16	-	-	-	-	-	-	(101,343.93)	2,975,621.41	
Grand Total			178,304	467,648,890	47,934,827.21	968,473.43	970,764.07	43,473.48	49,272.24	41,066.15	264,393.68	5,948.16	21,916.22	156,159.74	31,834.56	-	-	-	(113,508.57)	310,923.60	50,685,543.97

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As shown on the revised tariff sheet submitted in this case, the base fuel factor for the accumulation period is \$23.38

Extraordinary fuel costs in the amount of \$168,720,211.25 attributable to the February 2021 Winter Storm Event have been withheld from the current FAC filing to mitigate an immediate and extreme impact to our customers' rates. Empire intends to eventually recover these costs through either a modification to the FAC tariff or a general rate case.

Other than the above mentioned Extraordinary Costs, Empire did not incur any other 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 2021	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	
Fuel Cost Recovery (Over)/Under	\$ (1,997,619.58)	1,600,157.14	(5,668,235.63)	\$ (764,732.72)	\$ (1,799,817.16)	\$ 7,346,526.01	
Cumulative Total - Current Period	\$ (1,997,619.58)	(397,462.44)	(6,065,698.07)	(6,830,430.79)	(8,630,247.95)	(1,283,721.94)	
Period Ending Feb 20 Balance (Period 23)	\$ 1,528,377.05	1,440,059.33	1,293,237.34	1,293,237.34	1,293,237.34	1,293,237.34	
Period Ending Aug 20 Balance (Period 24)	\$ (4,016,408.87)	(4,016,408.89)	(4,016,408.89)	(3,830,317.58)	(3,048,892.78)	(2,182,111.86)	
Total (Over)/Under Recovery Bal	\$ (4,485,651.40)	\$ (2,973,812.00)	\$ (8,788,869.62)	\$ (9,367,511.03)	\$ (10,385,903.39)	\$ (2,172,596.46)	
EDE Short-term interest rate	0.34%	0.24%	0.26%	0.27%	0.33%	0.34%	
Monthly Interest	\$ (957.36)	\$ (745.95)	\$ (1,274.29)	\$ (2,042.59)	\$ (2,716.09)	\$ (1,779.12)	
Journal Entry							
A/C 254162 Deferred MO Fuel Cost Current-Liab	\$ (957.36)	\$ (745.95)	\$ (1,274.29)	\$ (2,042.59)	\$ (2,716.09)	\$ (1,779.12)	\$ (9,515.40)
A/C 431203 Interest Expense Mo FAC	\$ 957.36	\$ 745.95	\$ 1,274.29	\$ 2,042.59	\$ 2,716.09	\$ 1,779.12	\$ (9,515.40)
A/C 182362 Deferred MO Fuel Cost Current							
A/C 419025 Interest Income MO FAC							
Prior Period Ending Balance	(\$2,272,186.89)						
Corrections			\$ (104.14)	\$ 13.49			
Posted to GL		\$ (641.81)	\$ (1,287.78)				
		Posted to GL 10-20	Posted to GL 11-20				