

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
BIG SANDY RURAL ELECTRIC)	CASE NO.
COOPERATIVE CORPORATION)	2024-00287
FOR A GENERAL ADJUSTMENT OF RATES)	

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION’S APPLICATION

Comes now Big Sandy Rural Electric Cooperative Corporation (“Big Sandy”), by counsel, pursuant to KRS 278.180, KRS 278.190, 807 KAR 5:001, and other law, and does hereby request the Kentucky Public Service Commission (“Commission”) to grant it a general adjustment of rates, respectfully stating as follows:

I. INTRODUCTION

1. Big Sandy is a not-for-profit, member-owned, rural electric distribution cooperative organized under KRS Chapter 279. Big Sandy is engaged in the business of distributing retail electric power to approximately 12,733 members in the Kentucky counties of Breathitt, Floyd, Johnson, Knott, Lawrence, Magoffin, Martin, Morgan. Big Sandy is a “utility” as that term is defined in KRS 278.010(3)(a), and subject to the rates and service jurisdiction of the Commission.

2. Big Sandy’s current rates were set by Order dated April 26, 2018, in its last full general rate case, filed October 30, 2017 and the Order establishing the rates was entered on April 26, 2018, in Case No. 2017-00374.¹ In Case No. 2017-00374 the Commission allowed an increase

¹ See Case No. 2017-00374, *In the Matter of: Application of Big Sandy Rural Electric Cooperative Corporation for a General Adjustment of Existing Rates (Ky. PSC April 26, 2018)*.

in revenues from base rates of \$1,008,775, resulting in a Times Interest Earned Ratio (“TIER”) of 2.00X to produce net income of \$622,361. Included in this revenue increase was an upward adjustment of the average monthly bill for residential customers by \$7.42, from \$109.10 to \$116.52, or 6.80 percent.

3. Big Sandy must seek a general adjustment to rates because Big Sandy’s energy sales have decreased due to a reduced number of customers and a loss of the coal mining industry, while the costs of conducting business have increased. Despite best efforts to exercise efficiencies, and cost-saving policies, overall expenses in several aspects of Big Sandy’s operations have increased. As set forth in the testimony of Mr. Prater, Big Sandy is no longer able to withstand the increasing costs in almost every portion of its operations and declining energy sales. Big Sandy’s financial condition has declined. Big Sandy is providing additional details regarding the greatest cost drivers which are necessitating this rate adjustment in the written testimony of Mr. Jeff Prater, Ms. Robin Slone, and Mr. John Wolfram, which are included as Exhibits 8-10 of this application.

4. In order to address Big Sandy’s current undesirable financial condition, Big Sandy’s Board of Directors, in conjunction with its management and its consultant, have determined that a general adjustment of retail rates is necessary in order to account for increases in virtually all areas of its business operations since its last full rate case, improve its overall financial condition, and satisfy current and future loan covenants. Consistent with KRS 278.030(1), Big Sandy seeks Commission approval to demand, collect and receive fair, just and reasonable rates for the retail service it provides. Big Sandy is requesting approval to increase its annual revenues by \$3,457,517 or 13.34%, to achieve a TIER of 2.00X.

5. Big Sandy has based its proposed rates on a twelve-month historical test period ending December 31, 2023. Big Sandy proposes to increase the monthly residential customer

charge from \$21.95 to \$29.00. These rates have been adjusted in its fully allocated cost-of-service study (“COSS”) for known and measurable changes. Big Sandy proposes that its revised rates and tariff schedules become effective as of November 1, 2024.

II. FILING REQUIREMENTS

6. Pursuant to 807 KAR 5:001 Section 14(1), Big Sandy’s mailing address is, 504 11th Street Paintsville, KY 41240. Big Sandy's email address is jprater@bigsandyrecc.com. Big Sandy’s telephone number is (606) 789-4095 and its fax number is (606) 789-5454. This Application, including the Exhibits attached hereto and incorporated herein, contains the facts on which Big Sandy’s request for relief is based, and an Order from the Commission granting the rate adjustment proposed herein is requested, consistent with KRS 278.180 and other applicable law. Big Sandy also requests that the following people be added to the service list:

Jeff Prater, President/General Manager:

jprater@bigsandyrecc.com

Robin Slone, Big Sandy's Accounting Manager:

rslone@bigsandyrecc.com

L. Allyson Honaker, Brittany Hayes Koenig, Heather S. Temple, Counsel for Big Sandy RECC:

allyson@hloky.com; brittany@hloky.com; heather@hloky.com.

7. Pursuant to 807 KAR 5:001, Section 14(2), Big Sandy is a Kentucky corporation, in good standing, and was incorporated on June 12, 1937. A copy of the Certificate of Good Standing can be found in Exhibit 8, Direct Testimony of Jeff Prater, Attachment JP-1.

8. Pursuant to 807 KAR 5:001, Section 16(1)(a), Big Sandy’s application is based upon an historic test year ending December 31, 2023, that include adjustments for known and measurable changes.

9. Pursuant to 807 KAR 5:001, Section 16(1)(b)1., Big Sandy's application is supported by the testimony of three witnesses and numerous schedules and exhibits which detail the reason the adjustment is required.

10. Pursuant to 807 KAR 5:001, Section 16(1)(b)2., Big Sandy does not operate under an assumed name.

11. Pursuant to 807 KAR 5:001, Section 16(1)(b)3., revised tariff sheets are attached hereto at Exhibit 3. Big Sandy's new rates are proposed to be effective November 1, 2024.

12. Pursuant to 807 KAR 5:001, Section 16(1)(b)4., revised tariff sheets showing the proposed tariff sheets with italicized inserts and strikethroughs over proposed deletions are attached hereto at Exhibit 4.

13. Pursuant to 807 KAR 5:001, Section 16(1)(b)5, Big Sandy states that notice has been given in accordance with 807 KAR 5:001, Section 17. A copy of the notice that was published in *Kentucky Living* magazine and mailed to the members who opt-out of receiving *Kentucky Living* is attached hereto at Exhibit 5.

14. Pursuant to 807 KAR 5:001, Section 16(2), Notice of Intent was filed with the Commission and transmitted to the Kentucky Attorney General's Office of Rate Intervention, via email, on August 30, 2024. A copy of which is attached hereto at Exhibit 6.

15. Pursuant to 807 KAR 5:001, Section 16(3), notice has been given in accordance with 807 KAR 5:001, Section 17.

16. Pursuant to 807 KAR 5:001, Section 16(4), Big Sandy provides a Table of Contents of the exhibits which are required to support a rate application utilizing an historic test year. This Table of Contents immediately follows and is specifically incorporated into the application to demonstrate compliance with all filing requirements.

17. The filing requirements set forth in 807 KAR 5:001, Sections 16(4)(c), (f), (p), (s), and (v) do not apply because Big Sandy: (1) has gross annual revenues greater than \$ 5,000,000; (2) is not an incumbent local exchange carrier; (3) has not tendered any stock or bond offerings; (4) is not a Securities and Exchange Commission registrant; and, (5) is not a local exchange carrier with more than 50,000 access lines.

18. Pursuant to 807 KAR 5:001, Section 16(5)(a), a detailed income statement and balance sheet reflecting the impact of all proposed adjustments and is attached as Exhibit 26.

19. Pursuant to 807 KAR 5:001, Section 16(5)(b), the most recent capital construction budget containing at least the period of time as proposed for any pro forma adjustment for plant additions. There are no pro forma adjustments for plant additions as attached at Exhibit 27.

20. Pursuant to 807 KAR 5:001, Section 16(5)(c)1-8, the information required for each pro forma adjustment reflecting plant additions. There are no pro forma adjustments for plant additions as attached at Exhibit 28.

21. Pursuant to 807 KAR 5:001, Section 16(5)(d), the operating budget for each month of the period encompassing the pro forma adjustments is attached as Exhibit 29.

22. Pursuant to 807 KAR 5:002, Section 16(5)(e), the number of customers to be added to the test period end level of customers and related revenue requirements impact for all pro forma adjustments with complete details and supporting work papers is attached at Exhibit 30.

23. Pursuant to the July 24, 2012 Order in Case No. 2008-00408, *Consideration of the New Federal Standards of the Energy Independence and Security Act of 2007*, a statement regarding consideration of cost-effective energy efficiency resources and impact of such resources on the test year is attached at Exhibit 31.

24. Pursuant to the July 24, 2012 Order in Case No. 2012-00428, *Consideration of the Implementation of Smart Grid and Smart Meter Technologies*, a statement regarding smart grid and smart meter technologies and impact of such resources on the test year is attached at Exhibit 32 and addressed in Exhibit 8, Direct Testimony of Jeff Prater.

III. REASONS FOR AND SUMMARY OF RELIEF SOUGHT

25. The most recent general rate adjustment became effective 6 years ago. Big Sandy's management and Board of Directors decided that it was in the cooperative's best interest to request relief through a general rate case designed to produce sufficient revenues to align with the cost of providing safe and reliable service, all the while ensuring compliance with its loan covenants with lenders.

26. The biggest single reason for Big Sandy's decision to file a general rate case rather than a 'streamlined' case is because of the streamlined rate case limits recovery to less than what Big Sandy requires to have sufficient financial resources to fund its operation and maintenance. Additionally, Big Sandy attempted to apply for a rate adjustment through streamlined procedures in the hopes that it would limit the expense of a full rate case and provide enough in rates on an expedited timeline, however the Commission's November 20, 2023 Order in Case No. 2023-00285² limited the recovery of rates to 3.75% and Big Sandy made the decision to withdraw that application in order to file a full rate case to request the full amount of supported rates required to reasonably maintain Big Sandy and the services it provides.

IV. OVERVIEW OF TESTIMONY

² Case No. 2023-00285, *Electronic Application of Big Sandy Rural Electric Cooperative Corporation for a General Adjustment of Rates Pursuant to Streamlined Procedure Pilot Program Established in Case No. 2018-00407* (Ky PSC Dec. 13, 2023).

27. Further support for Big Sandy's requested relief is throughout this application and exhibits, particularly in the testimony of the following three witnesses:

a. Mr. Jeff Prater, Big Sandy's President/General Manager, offers testimony describing, *inter alia*, the cooperative's business and existing retail electric distribution system, the events that preceded the filing of this case, and the cooperative's need to increase its existing rates to ensure it may continue to provide safe, reliable retail electric service to its owner-members. Mr. Prater's direct testimony is attached as Exhibit 8.

b. Ms. Robin Slone, Big Sandy's Accounting Manager, who offers testimony describing, *inter alia*, the cooperative's financial condition, its expenses, and certain of its relevant practices and policies, as well as the necessity of the rate relief requested by the cooperative in this proceeding. Ms. Slone's direct testimony is attached as Exhibit 9.

c. Mr. John Wolfram, expert consultant with Catalyst Consulting LLC, who offers testimony describing, *inter alia*, Big Sandy's rate classes, the calculation of Big Sandy's revenue requirement, the pro forma adjustments to the test period results, the results of a cost of service study and its process, the proposed allocation of the revenue increase to the rate classes, and the rate design, proposed rates, and estimated billing impact by rate class. Mr. Wolfram's testimony is attached as Exhibit 10.

V. CONCLUSION

28. Big Sandy has initiated this proceeding because its existing retail rates do not provide sufficient revenue to ensure the cooperative's financial stability and resources to continue to provide safe and reliable service. While it is always Big Sandy's goal to keep rates as low as possible, the expense of providing safe and reliable service must be recovered. Additionally, prudent management and lender requirements demand that healthy financial benchmarks be

maintained. Big Sandy's application, supporting exhibits, schedules and testimony fully demonstrate that an adjustment to the company's base rates is both necessary and appropriate. Big Sandy respectfully requests the Commission to award it an increase in rates that is fair, just and reasonable so that Big Sandy may continue to build equity, maintain its healthy financial condition, satisfy current and future loan covenants, address substantial cost escalation seen on the operations side of its business, account for the last six years of inflationary pressures since its last full rate case, and sustain its ability to provide safe, adequate and efficient service at rates that are fair, just and reasonable.

29. The preparation, filing and administration of this request for substantial rate relief necessitates, *inter alia*, the expenditure of money by Big Sandy for financial, rate and legal consultants. Big Sandy is entitled to and requests the Commission to allow recovery of all such reasonable expenses in its new rates amortized over a period of three (3) years.

WHEREFORE, on the basis of the foregoing, Big Sandy respectfully prays the Commission for the following relief:

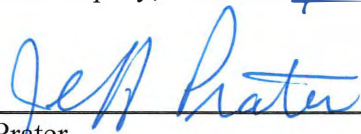
1. Approve the adjustments of Big Sandy's base rates as set forth herein with an effective date to be November 1, 2024;
2. Approve Big Sandy's proposed changes to rate design;
3. Approve the changes to each of the tariffs described herein;
4. Approve recovery of reasonable rate case expenses in rate amortized over a period of three (3) years, or such other period which the Commission finds reasonable; and,
5. Grant Big Sandy any and all other due and proper relief to which it may appear entitled.

This 1st day of October, 2024.

VERIFICATION


COMMONWEALTH OF KENTUCKY)
)
COUNTY OF JOHNSON)

Comes now Jeff Prater, President/General Manager of Big Sandy Rural Electric Cooperative Corporation, and, after being duly sworn, does hereby verify, swear and affirm that the averments set forth in this Application are true and correct based upon my personal knowledge and belief, formed after reasonable inquiry, as of this 15th day of October, 2024.



Jeff Prater
President/General Manager
Big Sandy Rural Electric Cooperative Corporation

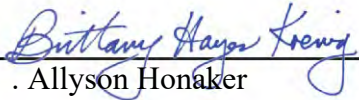
The foregoing Verification was verified, sworn to and affirmed before me, a NOTARY PUBLIC, by Jeff Prater President/General Manager of Big Sandy Rural Electric Cooperative Corporation, on this 15th day of Oct., 2024.



NOTARY PUBLIC
Notary identification no.: KYNP 52357
My Commission Expires: 6-19-2026

{NOTARY SEAL}

Respectfully Submitted,



. Allyson Honaker

Brittany Hayes Koenig

Heather S. Temple

Honaker Law Office, PLLC

1795 Alysheba Way, Suite 1203

Lexington, KY 40509

(859) 368-8803

allyson@hloky.com

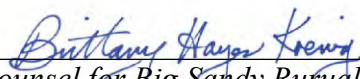
brittany@hloky.com

heather@hloky.com

*Counsel for Big Sandy Rural Electric
Cooperative Corporation*

CERTIFICATE OF SERVICE

This is to certify that the foregoing electronic filing was transmitted to the Commission for filing on October 1, 2024; that there are currently no parties that the Commission has excused from participation by electronic means in this proceeding; by virtue of the Commission's July 22, 2021 Order in Case No. 2020-00085, no paper copies of this filing will be made. Furthermore, a true and accurate copy of the filing has been electronically transmitted to the Kentucky Attorney General's Office of Rate Intervention at: rateintervention@ag.ky.gov.



*Counsel for Big Sandy Rural Electric
Cooperative Corporation*

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287

Table of Contents

General Adjustment of Rates, Historical Test Year - Filing Requirements / Exhibit List
(Historical Test Period: Twelve Months Ending 12/31/2023)

Exhibit No.	Filing Requirement	Description	Sponsoring Witness(es)
1	807 KAR 5:001 § 16(1)(b)(1)	Statement of the reason the rate adjustment is required	Jeff Prater
2	807 KAR 5:001 § 16(1)(b)(2)	Certificate of assumed name or statement that one is not necessary	Robin Slone
3	807 KAR 5:001 § 16(1)(b)(3)	Proposed tariff sheets	Robin Slone
4	807 KAR 5:001 § 16(1)(b)(4)	Proposed tariff sheets with proposed changes identified	Robin Slone
5	807 KAR 5:001 § 16(1)(b)(5)	Statement that compliant notice to customers has been given, with a copy of the notice	Jeff Prater
6	807 KAR 5:001 § 16(2) and KRS 278.180	Notice to the Kentucky Public Service Commission of intent to adjust rates	Jeff Prater
7	807 KAR 5:001 § 16(4)(a)	Complete description and quantified explanation for all proposed adjustments with proper support for proposed changes in price or activity levels, if applicable, and other factors that may affect the adjustment	John Wolfram
8	807 KAR 5:001 § 16(4)(b)	Written testimony of witnesses in support of Application (Mr. Prater)	Jeff Prater
9	807 KAR 5:001 § 16(4)(b)	Written testimony of witnesses in support of Application (Ms. Slone)	Robin Slone
10	807 KAR 5:001 § 16(4)(b)	Written testimony of witnesses in support of Application (Mr. Wolfram)	John Wolfram
-	807 KAR 5:001 § 16(4)(c)	<i>Not applicable - Utility has gross annual revenues greater than \$5 million</i>	N/A
11	807 KAR 5:001 § 16(4)(d)	Statement estimating the effect that each new rate will have upon the revenues of the utility, including the total amount of revenues resulting from the increase or decrease and percentage increase or decrease	John Wolfram
12	807 KAR 5:001 § 16(4)(e)	Effect upon the average bill for each customer classification to which the proposed rate change will apply	John Wolfram
-	807 KAR 5:001 § 16(4)(f)	<i>Not applicable - Utility is not an incumbent local exchange company</i>	N/A
13	807 KAR 5:001 § 16(4)(g)	Detailed analysis of customers' bills whereby revenues from the present and proposed rates can be readily determined for each customer class	John Wolfram
14	807 KAR 5:001 § 16(4)(h)	Summary of the utility's determination of its revenue requirements	John Wolfram
15	807 KAR 5:001 § 16(4)(i)	Reconciliation of the rate base and capital used to determine its revenue requirements	John Wolfram
16	807 KAR 5:001 § 16(4)(j)	Current chart of accounts if more detailed than the Uniform System of Accounts	Robin Slone
17	807 KAR 5:001 § 16(4)(k)	Independent auditor's annual opinion report, with written communication from the independent auditor to the utility, if applicable, which indicates the existence of a material weakness in the utility's internal controls	Robin Slone
18	807 KAR 5:001 § 16(4)(l)	Most recent Federal Energy Regulatory Commission audit report	Robin Slone
19	807 KAR 5:001 § 16(4)(m)	Most recent FERC Financial Report FERC Form No.1, FERC Financial Report FERC Form No. 2, or Public Service Commission Form T (telephone)	Robin Slone
20	807 KAR 5:001 § 16(4)(n)	Summary of latest depreciation study, or, reference by case number to depreciation schedule on file with the Commission	Jeff Prater
21	807 KAR 5:001 § 16(4)(o)	List of all commercially available or in-house developed computer software, programs, and models used in the development of the schedules and work papers associated with the filing of the utility's application	Robin Slone
-	807 KAR 5:001 § 16(4)(p)	<i>Not applicable - Utility has made no stock or bond offerings</i>	N/A
22	807 KAR 5:001 § 16(4)(q)	Annual report to shareholders or members and statistical supplements covering the two (2) most recent years from the utility's application filing date	Robin Slone
23	807 KAR 5:001 § 16(4)(r)	Monthly managerial reports providing financial results of operations for the twelve (12) months in the test period	Robin Slone
-	807 KAR 5:001 § 16(4)(s)	<i>Not applicable--Utility's annual report on Form 10-K (most recent two (2) years), any Form 8-K issued during the past two (2) years, and any Form 10-Q issued during the past six (6) quarters updated as information becomes available</i>	N/A
24	807 KAR 5:001 § 16(4)(t)	Affiliate charges, allocations, and payments with description, explanation, and demonstration of reasonableness (including a detailed description of the method and amounts allocated or charged to the utility by the affiliate, an explanation of how the allocator for the test period was determined and all facts relied upon, including other regulatory approval, to demonstrate that each amount charged, allocated or paid during the test period was reasonable).	Robin Slone
25	807 KAR 5:001 § 16(4)(u)	Cost of service study based on a methodology generally accepted within the industry and based on current and reliable data from a single time period	John Wolfram

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287

Table of Contents

General Adjustment of Rates, Historical Test Year - Filing Requirements / Exhibit List
(Historical Test Period: Twelve Months Ending 12/31/2023)

Exhibit No.	Filing Requirement	Description	Sponsoring Witness(es)
-	807 KAR 5:001 § 16(4)(v)	<i>Not applicable - Utility is not a local exchange carrier</i>	N/A
26	807 KAR 5:001 § 16(5)(a)	Detailed income statement and balance sheet reflecting the impact of all proposed adjustments	Robin Slone & John Wolfram
27	807 KAR 5:001 § 16(5)(b)	Most recent capital construction budget containing at least the period of time as proposed for any pro forma adjustment for plant additions	John Wolfram
28	807 KAR 5:001 § 16(5)(c)	Detail regarding pro forma adjustments reflecting plant additions	John Wolfram
29	807 KAR 5:001 § 16(5)(d)	Operating budget for each month of the period encompassing the pro forma adjustments	Robin Slone & John Wolfram
30	807 KAR 5:001 § 16(5)(e)	Number of customers to be added to the test period end level of customers and the related revenue requirements impact for all pro forma adjustments with complete details and supporting work papers	John Wolfram
31	Case No. 2008-00408 July 24, 2012 Order	Consideration of cost-effective energy efficiency resources and impact of such resources on test year	Robin Slone
32	Case No. 2021-00428 July 24, 2012 Order	A discussion of smart grid investments	Jeff Prater

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 1

807 KAR 5:001 Section 16(1)(b)(1)
Sponsoring Witness: Jeff Prater

Description of Filing Requirement:

Statement of the reason the rate adjustment is required

Response:

Big Sandy's Application generally, and specifically the written testimony provided at Exhibits 8 through 10, explains the necessity of the rate adjustment requested by Big Sandy in this proceeding. Big Sandy's most recent general rate adjustment went into effect over six (6) years ago. Big Sandy's service territory only contains one industrial customer, a hospital whose load barely qualifies it as an industrial customer, and the industry in the area consisting of mainly mining companies has left. When the Board of Directors realized the rates were not going to be sufficient, the COVID-19 pandemic delayed the process of seeking an adjustment. The decreased customer base and a flat load growth have contributed to the need to adjust rates to support the reasonable and safe operation of the utility. Moreover, Big Sandy's existing rates do not support the cost of providing service, which makes its margins more susceptible to volatility. Without an adjustment of its rates, Big Sandy's contractual relationships with its lenders are at risk. Additionally, an adjustment to Big Sandy's existing rates is necessary to continue to provide the safe and reliable service its members deserve and expect.

Case No.2024-00287
Application-Exhibit 1
No Attachment

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 2

807 KAR 5:001 Section 16(1)(b)(2)

Sponsoring Witness: Robin Slone

Description of Filing Requirement:

Certificate of assumed name or statement that one is not necessary

Response:

Big Sandy does not conduct or transact business under an assumed name, and thus it has not filed a Certificate of Assumed Name pursuant to KRS 365.015. Therefore, such a certificate is not necessary.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 3

807 KAR 5:001 Section 16(1)(b)(1)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

*New or revised tariff sheets, if applicable, in a format that complies with 807 KAR 5:011
with an effective date not less than thirty (30) days from the date the application is filed.*

Response:

Please see attached.

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. 2024-00287

7th REVISED SHEET NO. 1

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. 2023-00014

6TH REVISED SHEET NO. 1

CLASSIFICATION OF SERVICE

SCHEDULE A-1 FARM & HOME

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to members of this Cooperative for Farm and Home use having a required transformer capacity not to exceed 50 KVA, subject to all rules and regulations established by the Cooperative.

TYPE OF SERVICE:

- A. Single-Phase, 120/240 volts, or
- B. Three-Phase, 240/480 volts, or
- C. Three-Phase, 120/208 wye volts

RATES:

Customer charge per delivery point	\$29.00 per month	(I)
Energy charge	0.11476 per KWH	(I)
Off peak energy charge	0.06381	

Applicable only to programs which are expressly approved by the Commission to be offered under the Marketing Rate of East Kentucky Power Cooperative's Wholesale Power Rate Schedule A during the following off-peak hours. Energy furnished under this rate shall be separately metered for each point of delivery.

Months	Off-Peak Hours (EST)
October through April	12:00 noon to 5:00 PM 10:00 PM to 7:00 AM
May through September	10:00 PM to 10:00 AM

DATE OF ISSUE: October 1, 2024

DATE EFFECTIVE: November 1, 2024

ISSUED BY: Jeff Prater

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2024-00287 dated

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. 2024-00287

5th-REVISED SHEET NO. 4

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. 2023-00014

4th REVISED SHEET NO. 4

CLASSIFICATION OF SERVICE

SCHEDULE A-2 COMMERCIAL AND SMALL POWER

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to commercial loads having a required transformer capacity not to exceed 25 KVA

TYPE OF SERVICE:

Single-phase and Three-phase at a standard voltage

RATES:

Customer charge per delivery point	\$ 30.98	per month	
Energy charge	0.08160	per KWH	(I)
Demand charge	5.68	per KW	

MINIMUM MONTHLY CHARGE:

The minimum monthly charge under the above rate shall be \$30.98 where 15 KVA or less of transformer capacity is required. For consumers requiring more than 15 KVA of transformer capacity, the minimum monthly charge shall be increased at the rate of 75 cents for each additional KVA or fraction thereof required.

MINIMUM ANNUAL CHARGE FOR SEASONAL SERVICE:

Customers requiring service during, but not to exceed nine months per year may guarantee a minimum annual payment of twelve (12) times the minimum monthly charge determined in accordance with the foregoing section, in which case there shall be no minimum monthly charge.

DATE OF ISSUE: October 1, 2024

DATE EFFECTIVE: November 1, 2024

ISSUED BY: Jeff Prata

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2024-00287 dated

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

PSC NO. 2024-00287
6th REVISED SHEET NO. 7

CANCELLING PSC NO. 2023-00014

5th REVISED SHEET NO. 7

CLASSIFICATION OF SERVICE

SCHEDULE LP LARGE POWER SERVICE

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to customers located on or near Seller's three-phase lines having a required transformer capacity not to exceed 750 KVA, subject of the established rules and regulations of seller.

RATES:

Demand Charge	\$ 6.48	per KW of billing	
Secondary Meter Energy Charge	0.08206	per KWH	(I)
Primary Meter Energy Charge	0.07473	per KWH	(I)
Customer Charge Per Delivery Point	96.34	per Month	

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the customer for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered, as indicated or recorded by demand meter and adjusted for power factor as follows:

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain unity power factor as nearly as practicable. Should the demand meter indicate that the average power factor is less than ninety percent (90%), the demand for billing purposes shall be the demand as indicated or recorded by the demand meter multiplied by ninety percent (90%) and divided by the percentage power factor.

DATE OF ISSUE: October 1, 2024

DATE EFFECTIVE: November 1, 2024

ISSUED BY: Jeff Krater

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. 2024-0287 dated

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO.2024-00287

6th REVISED SHEET NO. 10

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. 2023-00014

5th REVISED SHEET NO. 10

CLASSIFICATION OF SERVICE

SCHEDULE LPR LARGE POWER SERVICE

RATE PER UNIT

APPLICABLE:

In all territory served.

AVAILABILITY OF SERVICE:

Available to all commercial and industrial customers whose power requirements shall exceed 750 KVA of transformer capacity.

CONDITIONS:

An "Agreement for Purchase of Power" shall be executed by the customer for service under this schedule.

CHARACTER OF SERVICE:

The electric service furnished under this schedule will be 60 hertz, alternating current and at available nominal voltage.

RATE:

Maximum Demand Charge:	\$ 6.68	per KW of billing demand	
Secondary Meter Energy Charge:	0 .07303	per KWH	(I)
Primary Meter Energy Charge:	0 .06653	per KWH	(I)
Customer Charge Per Delivery Point:	\$ 118.25	per month	

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the customer for any period of fifteen (15) consecutive minutes during the month for which the bill is

DATE OF ISSUE: October 1, 2024

DATE EFFECTIVE: November 1, 2024

ISSUED BY: Jeff Proter

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2024-00287 dated

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. 2024-00287

6th REVISED SHEET NO. 13

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. 2023-00014

5th REVISED SHEET NO. 13

CLASSIFICATION OF SERVICE

SCHEDULE YL-1

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to all members of the Cooperative subject to its established rules and regulations.

TYPE OF SERVICE:

Single-Phase, 120 volts, mercury vapor type or equivalent lighting unit.

RATES:

Flat rate per light per month as follows:

175	Watt	@	\$ 11.87	per month	(I)
400	Watt	@	18.27	per month	(I)
500	Watt	@	21.78	per month	(I)
1,500	Watt	@	51.94	per month	(I)
400	Watt Flood	@	24.21	per month	(I)

TERMS OF PAYMENT:

All of the above rates are net, the gross rates being seven percent (7%) higher. In the event the current monthly bill is not paid within 15 days from the date of the bill, the gross rates shall apply.

FUEL ADJUSTMENT CLAUSE:

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per KWH equal to the fuel adjustment amount per KWH as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10%

DATE OF ISSUE: October 1, 2024

DATE EFFECTIVE: November 1, 2024

ISSUED BY: Jeff Prater

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2024-00287 dated

FOR ALL TERRITORIES SERVED

PSC NO. 2024-00287

7th REVISED SHEET NO. 25

CANCELLING PSC NO. 2023-00014

6th REVISED SHEET NO. 25

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CLASSIFICATION OF SERVICE

SCHEDULE IND 1-B

RATE PER UNIT

APPLICABLE:

Applicable to contracts with contract demands of 500 kW or greater with a monthly energy usage equal to or greater than 400 hours per kW of Billing Demand. These contracts will be a “two party” contract between the Cooperative and the ultimate consumer.

AVAILABILITY:

Available to all members

MONTHLY RATE:

Demand Charge			
Contract Demand	\$ 7.49	per kW of Billing Demand	(I)
Excess Demand	9.98	per kW of Billing Demand	(I)
Secondary Meter Energy Charge	.07075	per kWh	(I)
Primary Meter Energy Charge	.06996	per kWh	(I)
Customer Charge	\$ 179.01		

BILLING DEMAND:

The monthly Billing Demand (kilowatt demand) shall be the contract demand plus any excess demand. Excess demand occurs when the consumer’s peak demand, during the current month, exceeds the contract demand. The consumer’s peak demand is the highest average rate at which energy is used during any fifteen-minute interval, (in the below listed hours) for each month, and adjusted for power factor as provided herein.

Months – All hours are Eastern Standard Time

October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P.M.
May through September	10:00 A.M. to 10:00 P.M.

DATE OF ISSUE: October 1, 2024

DATE EFFECTIVE: November 1, 2024

ISSUED BY: *Jeff Krater*

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. 2024-00287 dated

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 4

**807 KAR 5:001 Section 16(1)(b)(4)
Sponsoring Witness: Robin Slone**

Description of Filing Requirement:

New or revised tariff sheets, if applicable identified in compliance with 807 KAR 5:011, shown either by providing: A copy of the present tariff indicating proposed additions by italicized inserts or underscoring and striking over proposed deletions.

Response:

Please see attached.

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

~~PSC NO. 2023-00014~~ 2024-00287 (T)

~~7TH 6TH~~ REVISED SHEET NO. 1 (T)

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. ~~2021-00104~~ 2023-00014 (T)

~~6TH 5TH~~ REVISED SHEET NO. 1 (T)

CLASSIFICATION OF SERVICE

SCHEDULE A-1 FARM & HOME

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to members of this Cooperative for Farm and Home use having a required transformer capacity not to exceed 50 KVA, subject to all rules and regulations established by the Cooperative.

TYPE OF SERVICE:

- A. Single-Phase, 120/240 volts, or
- B. Three-Phase, 240/480 volts, or
- C. Three-Phase, 120/208 wye volts

RATES:

Customer charge per delivery point	\$29.00 \$ 21.95	per month	(I)
Energy charge	0.11476	0.10064 per KWH	(I)
Off peak energy charge		0.06381	

Applicable only to programs which are expressly approved by the Commission to be offered under the Marketing Rate of East Kentucky Power Cooperative's Wholesale Power Rate Schedule A during the following off-peak hours. Energy furnished under this rate shall be separately metered for each point of delivery.

Months	Off-Peak Hours (EST)
October through April	12:00 noon to 5:00 PM 10:00 PM to 7:00 AM
May through September	10:00 PM to 10:00 AM

DATE OF ISSUE: ~~December 7, 2021~~ October 1, 2024

DATE EFFECTIVE: ~~October 1, 2021~~ November 1, 2024

ISSUED BY: Jeff Krater

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. ~~2021-00104~~ 2024-00287 dated ~~September 30, 2021~~

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. ~~2023-00014~~ 2024-00287 (T)

~~6th 5th~~ REVISED SHEET NO. 4 (T)

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. ~~2010-00496~~ 2023-00014 (T)

~~5th 4th~~ REVISED SHEET NO. 4 (T)

CLASSIFICATION OF SERVICE

SCHEDULE A-2 COMMERCIAL AND SMALL POWER

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to commercial loads having a required transformer capacity not to exceed 25 KVA

TYPE OF SERVICE:

Single-phase and Three-phase at a standard voltage

RATES:

Customer charge per delivery point	\$ 30.98	per month	
Energy charge	0.08160 .6973	per KWH	(I)
Demand charge	5.68	per KW	

MINIMUM MONTHLY CHARGE:

The minimum monthly charge under the above rate shall be \$30.98 where 15 KVA or less of transformer capacity is required. For consumers requiring more than 15 KVA of transformer capacity, the minimum monthly charge shall be increased at the rate of 75 cents for each additional KVA or fraction thereof required.

MINIMUM ANNUAL CHARGE FOR SEASONAL SERVICE:

Customers requiring service during, but not to exceed nine months per year may guarantee a minimum annual payment of twelve (12) times the minimum monthly charge determined in accordance with the foregoing section, in which case there shall be no minimum monthly charge.

DATE OF ISSUE: ~~December 7, 2021~~ October 1, 2024

DATE EFFECTIVE: ~~October 1, 2021~~ November 1, 2024

ISSUED BY: Jeff Prota

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. ~~2021-00104~~ 2024-00287 dated ~~September 30, 2021~~

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. ~~2023-00014~~ 2043-00287 (T)

~~6th~~ ~~5th~~-REVISED SHEET NO. 7 (T)

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. ~~2019-00008~~ 2023-00014 (T)

~~5th~~ ~~4th~~-REVISED SHEET NO. 7 (T)

CLASSIFICATION OF SERVICE

SCHEDULE LP LARGE POWER SERVICE

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to customers located on or near Seller's three-phase lines having a required transformer capacity not to exceed 750 KVA, subject of the established rules and regulations of seller.

RATES:

Demand Charge		\$ 6.48	per KW of billing	
Secondary Meter Energy Charge	0.08206	0.007080	per KWH	(I)
Primary Meter Energy Charge	0.07473	0.06448	per KWH	(I)
Customer Charge Per Delivery Point		96.34	per Month	

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the customer for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered, as indicated or recorded by demand meter and adjusted for power factor as follows:

POWER FACTOR ADJUSTMENT:

The customer agrees to maintain unity power factor as nearly as practicable. Should the demand meter indicate that the average power factor is less than ninety percent (90%), the demand for billing purposes shall be the demand as indicated or recorded by the demand meter multiplied by ninety percent (90%) and divided by the percentage power factor.

DATE OF ISSUE: ~~December 7, 2021~~ October 1, 2024

DATE EFFECTIVE: ~~October 1, 2021~~ November 1, 2024

ISSUED BY: Jeff Renter

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. ~~2023-00014~~ 2024-00287 dated ~~September 30, 2021~~

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. ~~2023-00014~~ 2024-00287 (T)

~~6th~~ ~~5th~~ REVISED SHEET NO. 10 (T)

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. ~~2021-00104~~ 2023-00014 (T)

~~5th~~ ~~4th~~ -REVISED SHEET NO. 10 (T)

CLASSIFICATION OF SERVICE

SCHEDULE LPR LARGE POWER SERVICE

RATE PER UNIT

APPLICABLE:

In all territory served.

AVAILABILITY OF SERVICE:

Available to all commercial and industrial customers whose power requirements shall exceed 750 KVA of transformer capacity.

CONDITIONS:

An "Agreement for Purchase of Power" shall be executed by the customer for service under this schedule.

CHARACTER OF SERVICE:

The electric service furnished under this schedule will be 60 hertz, alternating current and at available nominal voltage.

RATE:

Maximum Demand Charge:	\$	6.68	per KW of billing demand	
Secondary Meter Energy Charge:		0.07303 0.07303	per KWH	(I)
Primary Meter Energy Charge:		0.06653 0.06653	per KWH	(I)
Customer Charge Per Delivery Point:	\$	118.25	per month	

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the customer for any period of fifteen (15) consecutive minutes during the month for which the bill is

DATE OF ISSUE: ~~December 7, 2021~~ October 1, 2024

DATE EFFECTIVE: ~~October 1, 2024~~ November 1, 2024

ISSUED BY: Jeff Prater

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. ~~2021-00104~~ 2024-00287 dated ~~September 30, 2021~~

FORM FOR FILING RATE SCHEDULES

FOR ALL TERRITORIES SERVED

PSC NO. ~~2023-00014~~ 2024-00287 (T)

~~6th~~ 5th REVISED SHEET NO. 13 (T)

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. ~~2021-00104~~ 2023-00014 (T)

~~5th~~ 4th REVISED SHEET NO. 13 (T)

CLASSIFICATION OF SERVICE

SCHEDULE YL-1

RATE PER UNIT

APPLICABLE:

Entire territory served.

AVAILABILITY OF SERVICE:

Available to all members of the Cooperative subject to its established rules and regulations.

TYPE OF SERVICE:

Single-Phase, 120 volts, mercury vapor type or equivalent lighting unit.

RATES:

Flat rate per light per month as follows:

175	Watt	@	11.87	\$ 10.33	per month	(I)
400	Watt	@	18.27	15.91	per month	(I)
500	Watt	@	21.78	18.96	per month	(I)
1,500	Watt	@	51.94	45.22	per month	(I)
400	Watt Flood	@	24.21	21.08	per month	(I)

TERMS OF PAYMENT:

All of the above rates are net, the gross rates being seven percent (7%) higher. In the event the current monthly bill is not paid within 15 days from the date of the bill, the gross rates shall apply.

FUEL ADJUSTMENT CLAUSE:

All rates are applicable to the Fuel Adjustment Clause and may be increased or decreased by an amount per KWH equal to the fuel adjustment amount per KWH as billed by the Wholesale Power Supplier plus an allowance for line losses. The allowance for line losses will not exceed 10%

DATE OF ISSUE: ~~December 7, 2021~~ October 1, 2024

DATE EFFECTIVE: ~~October 1, 2021~~ November 1, 2024

ISSUED BY: Jeff Rater

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission
of Kentucky in Case No. ~~2023-00014~~ 2024-00287 dated ~~September 30, 2021~~

FORM FOR FILING RATE SCHEDULES

FOR TERRITORIES SERVED

PSC NO. ~~2023-00014~~ 2024-00287 (T)

~~7th~~ ~~6th~~ REVISED SHEET NO. 25 (T)

BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION

CANCELLING PSC NO. ~~2019-00008~~ 2023-00014 (T)

~~6th~~ ~~5th~~ REVISED SHEET NO. 25 (T)

CLASSIFICATION OF SERVICE

SCHEDULE IND 1-B

RATE PER UNIT

APPLICABLE:

Applicable to contracts with contract demands of 500 kW or greater with a monthly energy usage equal to or greater than 400 hours per kW of Billing Demand. These contracts will be a “two party” contract between the Cooperative and the ultimate consumer.

AVAILABILITY:

Available to all members

MONTHLY RATE:

Demand Charge				
Contract Demand	7.49	\$ 6.65	per kW of Billing Demand	(I)
Excess Demand	9.98	9.65	per kW of Billing Demand	(I)
Secondary Meter Energy Charge	.07075	0.06535	per kWh	(I)
Primary Meter Energy Charge	.06996	0.06462	per kWh	(I)
Customer Charge		\$ 179.01		

BILLING DEMAND:

The monthly Billing Demand (kilowatt demand) shall be the contract demand plus any excess demand. Excess demand occurs when the consumer’s peak demand, during the current month, exceeds the contract demand. The consumer’s peak demand is the highest average rate at which energy is used during any fifteen-minute interval, (in the below listed hours) for each month, and adjusted for power factor as provided herein.

Months – All hours are Eastern Standard Time

October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P.M.
May through September	10:00 A.M. to 10:00 P.M.

DATE OF ISSUE: ~~December 7, 2021~~ October 1, 2024

DATE EFFECTIVE: ~~October 1, 2021~~ November 1, 2024

ISSUED BY: *Jan Prater*

TITLE: PRESIDENT/GENERAL MANAGER

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. ~~2023-00014~~ 2024-00287 dated ~~September 30, 2021~~

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 5

807 KAR 5:001 Section 16(1)(b)(5)
Sponsoring Witness: Jeff Prater

Description of Filing Requirement:

A statement that notice has been given in accordance with 807 KAR 5:001, Section 17, including the notice and affidavit.

Response:

Big Sandy has given notice in compliance with 807 KAR 5:001 Section 17. Specifically, as of the date this Application is submitted to the Commission, Big Sandy has done the following: (1) posted at its place of business a copy of the full notice required by the relevant regulation; (2) posted to its website a copy of the full notice required by the relevant regulation and a hyperlink to the location on the Commission's website where the case documents are available; (3) posted to its social media account a link to its website where a copy of the full notice required by the relevant regulation published may be found; and, (4) published a copy of the notice in *Kentucky Living* magazine, which was sent to Members on October 1, 2024; and, (5) mailed a copy of the same notice to all Members who do not receive a copy of *Kentucky Living* magazine. An affidavit of publication in *Kentucky Living* magazine and copy of the published notice and an affidavit for the mailing of customer notice and a copy of the notice mailed to those customers are attached.

Case No. 2024-00287
Application-Exhibit 5
Includes Attachment (5 pages)

AFFIDAVIT OF MAILING
OF FILING NOTICE

Notice is hereby given that the October 2024 issue of KENTUCKY LIVING, bearing official notice of filing PSC Case No. 2024-00287, for the purposes of proposing a general adjustment of existing rates of BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION, according to the requirements of the Cooperative's bylaws, was entered as direct mail on September 27, 2024.



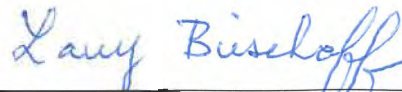
Shannon Brock
Editor
Kentucky Living

County of Jefferson
State of Kentucky

Sworn to and subscribed before me, a Notary Public,

This 30th day of September, 2024.

My commission expires April 23, 2027



Notary Public, State of Kentucky

Notary ID: KYNP 69243

Kentucky Electric Cooperatives Inc.
P.O. Box 32170 | Louisville, KY 40232
1630 Lyndon Farm Court | Louisville, KY 40223

(502) 451-2430
(800) KY LIVING (800) 595-4846

www.kentuckyliving.com



Big Sandy RECC

A Touchstone Energy® Cooperative 

Working (quietly) for you

Theodore Roosevelt spoke of walking quietly and carry a big stick in his foreign policy negotiations. And while that doesn't directly apply to what we do as a cooperative, cooperatives do quietly work hard for their members in the background. While our big stick is providing competitive, reliable power to your homes and businesses, we're also doing things to make our communities better.

One of the things we do is participate as a member of Kentucky's Touchstone Energy Cooperatives. And this month, we're celebrating National Cooperative Month.

Touchstone Energy is a nationwide alliance of more than 700 member-owned electric co-ops. Each is committed to the highest standards of service, adhering to core values of integrity, accountability, innovation and commitment to community.

Kentucky's Touchstone Energy Cooperatives are a network of 17 co-ops working to improve local members' quality of life through a variety of initiatives—many happening quietly behind the scenes. Some of the benefits our members and communities realize from this alliance are:

Economic Development.

Big Sandy RECC is attracting jobs and business investment to the area via access to state-of-the-art technology and a professional economic development team. It was recently announced that Kentucky now ranks third in the nation in economic projects per capita—many of which resulted from the Kentucky's Touchstone Energy Cooperative's team's efforts.

Community Improvement.

Kentucky's Touchstone Energy Cooperatives pool funds to jointly sponsor activities such as an annual Honor Flight for war veterans, Kentucky's Special Olympics Summer Games and Ronald McDonald House lodging for families with hospitalized children.

Energy Education.

Our Touchstone Energy membership provides access to research and expertise that allows us to be a trusted source of energy solutions amid rapidly changing technology. Through our website, togetherwesaveky.com, members can learn about saving energy, lowering costs and adopting beneficial electricity technologies.

**ELECTRIC CO-OPS
ARE PROUD TO
POWER**

56%
of the American
landscape.

Of nearly 900 electric co-ops in the U.S., more than 700 are Touchstone Energy co-ops. Graphic: NRECA

Renewable Energy. Innovative projects like Cooperative Solar aren't affordable for a single co-op to undertake. By working with fellow Kentucky's Touchstone Energy Cooperatives, we're able to offer a variety of renewable energy options to our members.

Through special projects and everyday commitments, Big Sandy RECC and our fellow Kentucky's Touchstone Energy Cooperatives are demonstrating the power of the cooperative spirit—sometimes quietly but always proudly. Happy Co-op Month!



Jeff Prater
Big Sandy RECC
President and
General Manager

**BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION**

www.bigsandyrecc.com



NOTICE OF PROPOSED ADJUSTMENT TO RETAIL ELECTRIC RATES

PLEASE TAKE NOTICE that, in accordance with the requirements of the Kentucky Public Service Commission (“Commission”), as set forth in 807 KAR 5:001, Section 17(2)(b), of the Commission’s Rules and Regulations, notice is hereby given to the member consumers of Big Sandy Rural Electric Cooperative Corporation (“Big Sandy”) of a proposed general rate adjustment. Big Sandy intends to file an application in Case No. 2024-00287 styled,

The Electronic Application of Big Sandy Rural Electric Cooperative Corporation for General Adjustment of Rates, and Other General Relief, to the Commission, on or after October 1, 2024.

The rate adjustment, with a requested effective date of November 1, 2024, or after, will result in an increase in retail power costs to its member consumers, and in an increase in revenue of \$3,457,517 or 13.34% for Big Sandy.

The amount and percent of increase by rate class are listed below:

Rate	Class	Increase	
		Dollars	Percent
A1	Farm & Home	\$ 2,998,043	15.42%
A2	Commercial & Small Power	\$ -	0.00%
LP	Large Power Service (25-750 kV)	\$ 240,666	9.71%
LPR	Large Power Service (750 kVA +)	\$ 26,055	2.48%
IND-1B	Industrial	\$ 46,716	8.04%
YL1	Lighting	\$ 146,038	14.89%
Total		\$ 3,457,517	13.34%

The effects of the proposed rates on the average monthly bill by rate class are listed below:

Rate	Class	Average Usage (kWh)	Increase	
			Dollars	Percent
A1	Farm & Home	1,027	\$ 21.55	15.42%
A2	Commercial & Small Power	815	\$ -	0.00%
LP	Large Power Service (25-750 kV)	8,302	\$ 125.15	9.71%
LPR	Large Power Service (750 kVA +)	103,000	\$ 255.44	2.48%
IND-1B	Industrial	564,900	\$ 3,893.02	8.04%
YL1	Lighting	NA	NA	14.89%

The present and proposed monthly rates for each rate schedule are listed below:

Rate	Class	Item	Present	Proposed
A1	Farm & Home			
		Customer Charge	\$ 21.95	\$ 29.00
		Energy Charge per kWh	\$ 0.10064	\$ 0.11476
A2	Commercial & Small Power			
		Customer Charge	\$ 30.98	\$ 30.98
		Demand Charge per kW	\$ 5.68	\$ 5.68
		Energy Charge per kWh	\$ 0.08160	\$ 0.08160
LP	Large Power Service (25-750 kV)			
		Customer Charge	\$ 96.34	\$ 96.34
		Demand Charge per kW	\$ 6.48	\$ 6.48
		Energy Charge Secondary per kWh	\$ 0.07080	\$ 0.08206
		Energy Charge Primary per kWh	\$ 0.06448	\$ 0.07473
LPR	Large Power Service (750 kVA +)			
		Customer Charge	\$ 118.25	\$ 118.25
		Demand Charge per kW	\$ 6.68	\$ 6.68
		Energy Charge Secondary per kWh	\$ 0.07031	\$ 0.07303
		Energy Charge Primary per kWh	\$ 0.06405	\$ 0.06653
IND-1B	Industrial			
		Customer Charge	\$ 179.01	\$ 179.01
		Demand Charge-Contract per kW	\$ 6.65	\$ 7.49
		Demand Charge-Excess per kW	\$ 9.65	\$ 9.98
		Energy Charge Secondary per kWh	\$ 0.06535	\$ 0.07075
		Energy Charge Primary per kWh	\$ 0.06462	\$ 0.06996
YL1	Lighting			
		175 Watt 6000-13000 Lumens	\$ 10.33	\$ 11.87
		400 Watt 13001-25000 Lumens	\$ 15.91	\$ 18.27
		500 Watt	\$ 18.96	\$ 21.78
		1500 Watt	\$ 45.22	\$ 51.94
		400 Watt Flood 13000-25000 Lumens	\$ 21.08	\$ 24.21

Big Sandy does not propose revisions to other tariffs or schedules not listed above.

Any person may examine the rate application and related documents, which Big Sandy has filed with the Commission at the utility's principal office located at:

Big Sandy Rural Electric Cooperative Corporation
504 11th Street
Paintsville, Kentucky 41240

Any person may also examine the rate application and related documents which Big Sandy has filed with the Commission on the Commission's website at <https://psc.ky.gov>, or Monday through Friday, 8:00 a.m. to 4:30 p.m., at its office located at:

Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

>>CONTINUED ON PAGE 26D



**Big Sandy
RECC**

A Touchstone Energy® Cooperative 

**Big Sandy Rural Electric
Cooperative Corporation**

504 Eleventh Street
Paintsville, KY 41240

Hours:

Monday–Thursday:
7 a.m. to 5:30 p.m.

Friday–Sunday: Closed

(606) 789-4095

(888) 789-7322

www.bigsandyrecc.com

BOARD OF DIRECTORS

- Danny Wallen, Chairman
- Greg Davis, Vice Chairman
- James Vanhoose,
Secretary-Treasurer
- Jim McKenzie
- Velma May
- Gary Francis
- Jason Holbrook
- Attorney, Michael Schmitt

EMERGENCIES/OUTAGES

Nights, Weekends & Holidays
Toll Free: (888) 789-7322

>>>CONTINUED FROM PAGE 26C

Comments regarding the application may be submitted to the Commission by mail to: Kentucky Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602, or by electronic mail to: **psc.info@ky.gov**.

The rates contained in this notice are the rates proposed by Big Sandy Rural Electric Cooperative Corporation. However, the Commission may order rates to be charged that differ from the proposed rates contained in this notice.

Any person may submit a timely written request for intervention to the Kentucky Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request, including the status and interest of the party. If the Commission does not receive a written request for intervention within thirty (30) days of initial publication or mailing of this notice, the Commission may take final action on the application.

**Big Sandy Rural Electric
Cooperative Corporation**
504 11th Street
Paintsville, Kentucky 41240
Tel. (606) 789-4095
Fax (606) 789-5454
www.bigsandyrecc.com

Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602
Tel. (502) 564-3940
https://psc.ky.gov

What would Halloween be without
ELECTRICITY?

Electricity plays a big part in the make-believe world Halloween allows us to explore. But don't turn your Frankenstein laboratory into a true-to-life horror story through electrical fires or hazards.

.....
Use the following tips for a safe and happy Halloween:

Make sure your outdoor decorations only **LOOK** or **SOUND** spooky. Inspect each mechanical ghoul, ghost or goblin for cracked, frayed or bare wires. You don't want them to really cause a shock or start a fire.

Want to convert your yard or open garage into a haunted house? Only use electrical items marked "for outdoor use." Plug those decorations into circuits protected by ground fault circuit interrupters.



PHOTOSPIRIT/ADOBE STOCK

AFFIDAVIT

Comes now the Affiant, Jeff Prater, in his capacity as the President and General Manager of Big Sandy Rural Electric Cooperative Corporation, ("Big Sandy RECC"), and after being duly sworn, does hereby affirm that a copy of the attached Notice, issued as part of the October 2024 issue of Kentucky Living was mailed and entered USPS circulation on October 1, 2024 to members who did not receive the Notice because they had requested to be removed from the mailing list for Kentucky Living.

Jeff Prater
Jeff Prater, President and General Manager
Of Big Sandy RECC

The foregoing Affidavit was signed, acknowledged and sworn to before me this 24th day of Sept., 2024, by Jeff Prater.

Judy L. McClure
Commission expiration: 6-19-2026

**NOTICE OF PROPOSED ADJUSTMENT TO
RETAIL ELECTRIC RATES**

PLEASE TAKE NOTICE that, in accordance with the requirements of the Kentucky Public Service Commission (“Commission”), as set forth in 807 KAR 5:001, Section 17(2)(b), of the Commission’s Rules and Regulations, notice is hereby given to the member consumers of Big Sandy Rural Electric Cooperative Corporation (“Big Sandy”) of a proposed general rate adjustment. Big Sandy intends to file an application in Case No. 2024-00287 styled, *The Electronic Application of Big Sandy Rural Electric Cooperative Corporation for General Adjustment of Rates, and Other General Relief*, to the Commission, on or after October 1, 2024.

The rate adjustment, with a requested effective date of November 1, 2024, or after, will result in an increase in retail power costs to its member consumers, and in an increase in revenue of \$3,457,517 or 13.34% for Big Sandy.

The amount and percent of increase by rate class are listed below:

Rate	Class	Increase	
		Dollars	Percent
A1	Farm & Home	\$ 2,998,043	15.42%
A2	Commercial & Small Power	\$ -	0.00%
LP	Large Power Service (25-750 kV)	\$ 240,666	9.71%
LPR	Large Power Service (750 kVA +)	\$ 26,055	2.48%
IND-1B	Industrial	\$ 46,716	8.04%
YL1	Lighting	\$ 146,038	14.89%
Total		\$ 3,457,517	13.34%

The effects of the proposed rates on the average monthly bill by rate class are listed below:

Rate	Class	Average Usage (kWh)	Increase	
			Dollars	Percent
A1	Farm & Home	1,027	\$ 21.55	15.42%
A2	Commercial & Small Power	815	\$ -	0.00%
LP	Large Power Service (25-750 kV)	8,302	\$ 125.15	9.71%
LPR	Large Power Service (750 kVA +)	103,000	\$ 255.44	2.48%
IND-1B	Industrial	564,900	\$ 3,893.02	8.04%
YL1	Lighting	NA	NA	14.89%

The present and proposed monthly rates for each rate schedule are listed below:

Rate	Class	Item	Present	Proposed
A1	<u>Farm & Home</u>	Customer Charge	\$ 21.95	\$ 29.00
		Energy Charge per kWh	\$ 0.10064	\$ 0.11476
A2	<u>Commercial & Small Power</u>	Customer Charge	\$ 30.98	\$ 30.98
		Demand Charge per kW	\$ 5.68	\$ 5.68
		Energy Charge per kWh	\$ 0.08160	\$ 0.08160
LP	<u>Large Power Service (25-750 kV)</u>	Customer Charge	\$ 96.34	\$ 96.34
		Demand Charge per kW	\$ 6.48	\$ 6.48
		Energy Charge Secondary per kWh	\$ 0.07080	\$ 0.08206
		Energy Charge Primary per kWh	\$ 0.06448	\$ 0.07473
LPR	<u>Large Power Service (750 kVA +)</u>	Customer Charge	\$ 118.25	\$ 118.25
		Demand Charge per kW	\$ 6.68	\$ 6.68
		Energy Charge Secondary per kWh	\$ 0.07031	\$ 0.07303
		Energy Charge Primary per kWh	\$ 0.06405	\$ 0.06653
IND-1B	<u>Industrial</u>	Customer Charge	\$ 179.01	\$ 179.01
		Demand Charge-Contract per kW	\$ 6.65	\$ 7.49
		Demand Charge-Excess per kW	\$ 9.65	\$ 9.98
		Energy Charge Secondary per kWh	\$ 0.06535	\$ 0.07075
		Energy Charge Primary per kWh	\$ 0.06462	\$ 0.06996
YL1	<u>Lighting</u>	175 Watt 6000-13000 Lumens	\$ 10.33	\$ 11.87
		400 Watt 13001-25000 Lumens	\$ 15.91	\$ 18.27
		500 Watt	\$ 18.96	\$ 21.78
		1500 Watt	\$ 45.22	\$ 51.94
		400 Watt Flood 13000-25000 Lumens	\$ 21.08	\$ 24.21

Big Sandy does not propose revisions to other tariffs or schedules not listed above.

Any person may examine the rate application and related documents which Big Sandy has filed with the Commission at the utility's principal office located at:

Big Sandy Rural Electric Cooperative Corporation
504 11th Street
Paintsville, Kentucky 41240

Any person may also examine the rate application and related documents which Big Sandy has filed with the Commission on the Commission's website at <https://psc.ky.gov>, or Monday through Friday, 8:00 a.m. to 4:30 p.m., at its office located at:

Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

Comments regarding the application may be submitted to the Commission by mail to: Kentucky Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602, or by electronic mail to: psc.info@ky.gov.

The rates contained in this notice are the rates proposed by Big Sandy Rural Electric Cooperative Corporation. However, the Commission may order rates to be charged that differ from the proposed rates contained in this notice.

Any person may submit a timely written request for intervention to the Kentucky Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602, establishing the grounds for the request, including the status and interest of the party. If the Commission does not receive a written request for intervention within thirty (30) days of initial publication or mailing of this notice, the Commission may take final action on the application.

Big Sandy Rural Electric Cooperative Corporation
504 11th Street
Paintsville, Kentucky 41240
Tel. (606) 789-4095
Fax (606) 789-5454
www.bigsandyrecc.com

Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602
Tel. (502) 564-3940
<https://psc.ky.gov>

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 6

**807 KAR 5:001 Section 16(2) and KRS 278.180
Sponsoring Witness: Jeff Prater**

Description of Filing Requirement:

A copy of the Notice of Intent filed with the Commission and transmitted to the Kentucky Attorney General's Office of Rate Intervention.

Response:

Big Sandy, by counsel, notified the Commission in writing of its intent to file a rate application using a historical test year by filing a Notice of Intent on August 30, 2024. A copy of the Notice of Intent (in portable document format) was also sent by electronic mail to the Kentucky Attorney General's Office of Rate Intervention at: rateintervention@ag.ky.gov. Please see attached for a copy of the Notice of Intent.

August 30, 2024

Ms. Linda C. Bridwell, P.E.
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602

VIA ELECTRONIC MAIL

Re: *In re the Matter of: Electronic Application of Big Sandy Rural Electric Cooperative Corporation for a General Adjustment of Rates* **Case No. 2024-00287**

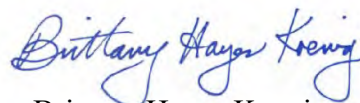
Dear Ms. Bridwell:

Enclosed, please find for filing, a Notice of Intent to file a rate application using an historical test year on behalf of Big Sandy Rural Electric Cooperative Corporation in the above-styled case.

This is to certify that the electronic filing has been transmitted to the Commission on August 30, 2024 and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means. A copy of the Notice of Intent will be sent via email (rateintervention@ag.ky.gov) to the Kentucky Attorney General Office of Rate Intervention. Pursuant to the Commission's July 22, 2021 Order in Case No. 2020-00085 no paper copies of this filing will be made.

Please do not hesitate to contact me with any questions or concerns.

Sincerely,



Brittany Hayes Koenig

CC: Kentucky Attorney General Office of
Rate Intervention via email.
Enclosure

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

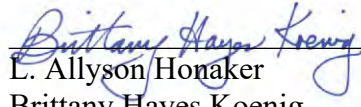
THE ELECTRONIC APPLICATION OF BIG)	
SANDY RURAL ELECTRIC COOPERATIVE)	
CORPORATION FOR A GENERAL)	CASE NO.
ADJUSTMENT OF RATES)	2024-00287

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION'S
NOTICE OF INTENT TO FILE RATE APPLICATION

Comes now Big Sandy Rural Electric Cooperative Corporation (“Big Sandy”), by counsel, and hereby gives notice to the Kentucky Public Service Commission (“Commission”), pursuant to 807 KAR 5:001, Section 16(2), of its intent to file a general rate adjustment application no later than October 29, 2024. Big Sandy intends to file an application requesting a general adjustment of its existing rates. This rate application will be supported by a historical test period, as provided in 807 KAR 5:001, Section 16(4) – (5). A copy of this Notice of Intent is being transmitted to the Kentucky Attorney General’s Office of Rate Intervention via email (rateintervention@ag.ky.gov) contemporaneously herewith.

This 30th day of August, 2024.

Respectfully submitted,



L. Allyson Honaker

Brittany Hayes Koenig

Heather S. Temple

Honaker Law Office, PLLC

1795 Alysheba Way, Suite 1203

Lexington, KY 40509

(859) 368-8803

allyson@hloky.com

brittany@hloky.com

heather@hloky.com

*Counsel for Big Sandy Rural Electric Cooperative
Corporation*

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 7

807 KAR 5:001 Section 16(4)(a)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A complete description and quantified explanation for all proposed adjustments with proper support for proposed changes in price or activity levels, if applicable, and other factors that may affect the adjustment.

Response:

Big Sandy's proposed adjustments to the historical test period are described in Exhibit 10 of the Application, the Direct Testimony of John Wolfram, and the exhibits accompanying Mr. Wolfram's testimony.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 8

807 KAR 5:001 Section 16(4)(b)
Sponsoring Witness: Jeff Prater

Description of Filing Requirement:

If the utility has gross annual revenues greater than \$5,000,000, the written testimony of each witness the utility proposes to use to support its application.

Response:

In support of its Application, Big Sandy is providing written testimony of Mr. Jeff Prater, Big Sandy's President and General Manager. Mr. Prater's testimony is included with this Exhibit 8.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
BIG SANDY RURAL ELECTRIC)	
COOPERATIVE CORPORATION)	
FOR A GENERAL ADJUSTMENT OF)	Case No. 2024-00287
RATES)	

DIRECT TESTIMONY OF
JEFF PRATER, PRESIDENT/GENERAL MANAGER
OF BIG SANDY RURAL
ELECTRIC COOPERATIVE CORPORATION

Filed: October 1, 2024

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)
BIG SANDY RURAL ELECTRIC)
COOPERATIVE CORPORATION)
FOR A GENERAL ADJUSTMENT OF) Case No. 2024-00287
RATES

VERIFICATION OF JEFF PRATER

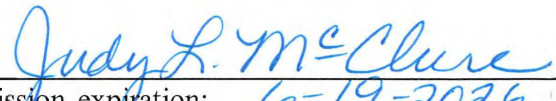
COMMONWEALTH OF KENTUCKY)
COUNTY OF JOHNSON)

Jeff Prater, President and General Manager of Big Sandy Rural Electric Cooperative Corporation, being duly sworn, states that he has supervised the preparation of his Direct Testimony in the above-referenced case and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.



Jeff Prater

The foregoing Verification was signed, acknowledged and sworn to before me this 24th day of September, 2024, by Jeff Prater.



Commission expiration: 6-19-2026

**DIRECT TESTIMONY
OF
JEFF PRATER**

1 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION.**

2 A. My name is Jeff Prater. My business address is Big Sandy Rural Electric
3 Cooperative Corporation (“Big Sandy”), 504 11th Street, Paintsville, Kentucky
4 41240 . I am President/General Manager at Big Sandy.

5 **Q. HOW LONG HAVE YOU BEEN EMPLOYED AT BIG SANDY?**

6 A. 36 years of service, I started with Big Sandy in July 1988.

7 **Q. BRIEFLY DESCRIBE YOUR EDUCATION AND WORK EXPERIENCE.**

8 A. I began my career in 1981 working for an electrical contractor 43 years ago. I
9 started as an apprentice lineman, and joined Big Sandy in 1988 as a Journeyman
10 Lineman. During my career at Big Sandy RECC, I have worked as a Journeyman
11 Lineman, Serviceman, Meterman. I have worked in metering, been responsible for
12 Big Sandy RECC’s meter testing department and all aspects of metering including
13 the implementation of AMR. I became a staff member in 2003 as Maintenance
14 Superintendent, worked as, Plant Superintendent, Operations Manager, VP
15 Operations. I have overseen, Vegetation Management, Service, Construction,
16 Operations Regulatory compliance, Engineering and Construction work plans and
17 budgeting, and responsible for all outside operations. In February 2024 I was named
18 the interim President/General Manager and on June 1st, 2024, I was named
19 President/General Manager.

20 **Q. HAVE YOU EVER TESTIFIED BEFORE THE KENTUCKY PUBLIC**
21 **SERVICE COMMISSION (“COMMISSION”)?**

1 A. Yes, as the Chairman of Southern Water and Sewer District.

2 **Q. ARE YOU SPONSORING ANY ATTACHMENTS?**

3 A. Yes, JP-1, Big Sandy's Certificate of Good Standing, and JP-2, Big Sandy's
4 Board Resolution for the Rate Case.

5 **Q. IN YOUR OPINION, WHY IS THE RATE CASE NECESSARY FOR BIG**
6 **SANDY?**

7 A. Big Sandy is proposing rates that are necessary to allow Big Sandy to maintain its
8 financial integrity, satisfy its loan covenants and allow Big Sandy to continue to
9 provide safe and reliable service for its members. Since Big Sandy's last rate case
10 in 2017, it has experienced cost increases in almost all aspects of its business with
11 a reduction in customer sales. For instance, Big Sandy has seen increases in costs
12 for right-of-way maintenance, interest expense, labor costs and virtually all other
13 operations and maintenance expenses. Big Sandy has experienced several factors
14 that have contributed to our current financial condition. Big Sandy has only one
15 industrial customer, a hospital, that barely qualifies as an industrial customer and,
16 while Big Sandy has practiced prudence and cost saving measures, this has not been
17 enough to delay a rate increase any longer. The collapse of the mining industry in
18 our service territory has also caused many members to relocate to other regions to
19 find employment. This has resulted in a declining membership. The lost members
20 resulted in the loss of meters and lower energy sales; both customer charges and
21 sales have been drastically affected. In addition to this, Big Sandy has experienced
22 inflationary pressures that have profoundly driven up operating costs. The cost of
23 operating Big Sandy's electric plant has increased while the economics of our

1 service territory caused a loss of revenue, and those pressures forced Big Sandy to
2 seek this rate increase. The loss of the coal mining industry in Big Sandy’s service
3 territory has continued to drive a decline in Big Sandy’s revenues. Big Sandy seeks
4 this rate increase to properly maintain and operate its distribution system and supply
5 electric service to its members at fair, just and reasonable rates.

6 **Q. HOW AND WHEN DID THE COOPERATIVE’S BOARD OF DIRECTORS**
7 **DETERMINE THAT A RATE ADJUSTMENT WAS NECESSARY?**

8 A. Big Sandy’s management continuously monitors the Cooperative’s financial
9 condition. The Board of Directors are kept apprised of key financial metrics on a
10 monthly basis at the board meetings. Big Sandy reviewed its financial information
11 last year and was able to postpone the rate increase until 2023, when a streamlined
12 case was attempted and subsequently the Board of Directors decided a full rate case
13 would better address Big Sandy’s needs. The Board of Directors hired Catalyst
14 Consulting LLC in 2022 to perform a comprehensive cost-of-service study
15 (“COSS”).

16 **Q. DID BIG SANDY’S BOARD OF DIRECTORS VOTE TO FILE THE**
17 **APPLICATION IN THIS PROCEEDING?**

18 A. Yes. After consideration of the results of the comprehensive COSS, the Board of
19 Directors entered a Resolution at the board meeting on July 25, 2024 to file a rate
20 application. A copy of the Board of Directors’ Resolution is attached to my
21 testimony as Exhibit JP-2. The Board resolution was entered into after consultation
22 with management, its COSS consultant and its legal team.

1 **Q. WHY DID BIG SANDY CHOOSE TO FILE A GENERAL RATE CASE**
2 **PROCEEDING?**

3 A. Big Sandy attempted to file a rate case under the streamlined rate procedure set out
4 in Case No. 2018-00407,¹ however Big Sandy moved to withdraw its application
5 in Case No. 2023-00285, because the Commission’s November 20, 2023 Order
6 indicated the rate adjustment would be limited to 3.75% and Big Sandy
7 reevaluated its financial needs. The Commission’s Order on December 13, 2023
8 dismissed Case No. 2023-00285.² Big Sandy is sensitive to its members and the
9 increased costs they are facing. Inflation has played a role in the rise of costs in
10 nearly everything in the members day-to-day lives since the COVID-19 pandemic;
11 the financial needs to maintain Big Sandy are most appropriately sought in
12 general rate adjustment application.

13 **Q. WHAT ARE THE MAIN REASONS FOR BIG SANDY’S REQUEST FOR**
14 **AN INCREASE IN RATES?**

15 A. Big Sandy cannot maintain and operate its system and supply electric service to its
16 members without an increase in rates. The management and Board of Directors
17 recognized the rates becoming inadequate quickly after the last rate increase went
18 into effect in 2018 and resolved that it was probably not enough to sustain the utility
19 as long as initially believed. During that process of recognizing the insufficiency of
20 rates, a global pandemic hit, and late fees were discontinued, both of which

¹ Case No. 2023-00285, *Electronic Application of Big Sandy Rural Electric Cooperative Corporation for General Adjustment of Rates Pursuant to Streamlined Procedure Pilot Program Established in Case No. 2018-00407* (Ky PSC Dec.13, 2023).

² *Id.*

1 contributed to additional strain on Big Sandy's resources. While the Board of
2 Directors recognized an issue with the rates, other factors delayed this rate
3 adjustment until now, including COVID-19 and the wholesale rate increase of East
4 Kentucky Power Cooperative, Inc., which was passed through to Big Sandy's
5 members. In addition, Big Sandy is differently situation than its sister cooperatives.
6 It is predominantly residential, with only one industrial customer, that barely has
7 enough electric load to be considered an industrial customer.

8 **Q. WHAT EXPENSES HAVE INCREASED FOR BIG SANDY AND EXPLAIN**
9 **WHY?**

10 A. Nearly every cost that Big Sandy has from its labor to its equipment and gas costs,
11 has increased due in part to inflation and outside events. For example, over the past
12 three years the cost of transformers has increased 96%, the cost of utility poles has
13 increased 143% and the cost of electric wire has increased 164%. The increase in
14 materials with the increase of interest expense, right-of-way maintenance, labor and
15 other areas of Big Sandy's business, causes a strain on Big Sandy's resources that
16 must be addressed through a general rate adjustment application.

17 **Q. DESCRIBE SOME SIGNIFICANT COST-CONTAINMENT MEASURES**
18 **THE COOPERATIVE HAS TAKEN TO AVOID OR MINIMIZE AN**
19 **INCREASE OF ITS RATES.**

20 A. Big Sandy fundamentally changed the administrative and billing workers
21 retirement plan in 2009; all new employees were given a 401K retirement plan in
22 lieu of defined benefit plan. This has dramatically reduced expenses and resulted
23 in a 1.5 million dollar write down in 2024.

1 Big Sandy has attempted to create policies to prioritize expenses, so that its most
2 vital activities are not impacted by the lack of resources, or the impact is less than
3 it could be. Management renegotiated contracts for meters at a fixed rate over a
4 five-year period for an estimated savings of \$575,000 over a ten-year period.
5 Changes were made to the Annual Meeting venue and format to save approximately
6 \$25,000 a year since 2018. In April, 2020, Big Sandy drew down final loan funds
7 in the amount of \$7,000,000 at a fixed rate of 1.118 percent from FFB. Four million
8 of that was invested in CFC Certificates with an annual return of 5 percent. The
9 interest that is being earned on the certificate is more than enough to cover the debt
10 service plus some. In another effort to take advantage of lower interest rates during
11 this time, in September, 2020, Big Sandy used funds from the RUS Cushion of
12 Credit program to pay off higher interest FFB loans in the amount of \$2,472,432
13 with an annual interest rate of 4.472 percent. Big Sandy has closely monitored the
14 interest rate environment and has locked in seven FFB notes for three-year rates
15 that has been beneficial over the past few years. The current interest rate on those
16 loans range from 2.461 percent to 2.467 percent which has resulted in substantial
17 savings in interest expense. Additionally, the retirees' health plan was changed
18 from a self-fund to a Humana plan for a better rate, which resulted in a savings of
19 approximately \$115,820. Big Sandy reduced its *Kentucky Living* magazine
20 circulation from six times a year to 4 times a year, with an annual savings of
21 \$10,000. Cintas Business was reduced to a minimum, saving \$5,000. Big Sandy
22 paid off a short- term loan from Co-Bank in 2019, saving \$7,000 in interest
23 payments. As a result of elevated firm price circuit bids Big Sandy chose to operate

1 contractor right of way crews on an hourly billing schedule, while closely tracking
2 circuit expenses to reduce vegetation management costs. And finally, difficulty of
3 hiring vegetation workers limited Big Sandy's expenditures. Management
4 contracted Pulse Broadband to perform a feasibility study to determine whether it
5 would improve Big Sandy's margins to venture into broadband services, however
6 the study did not show that venturing into broadband would help to improve Big
7 Sandy's margins.

8 **Q. ARE YOU AWARE THAT THE COMMISSION, IN THE FINAL ORDER**
9 **DATED APRIL 13, 2016, IN CASE NO. 2012-00428, CONSIDERATION OF**
10 **THE IMPLEMENTATION OF SMART GRID AND SMART METER**
11 **TECHNOLOGIES (Summary of Findings, Paragraph 9), DIRECTED THAT**
12 **EACH RATE CASE FILED BY A JURISDICTIONAL UTILITY SHOULD**
13 **IDENTIFY SMART GRID INVESTMENTS?**

14 **A. Yes.**

15 **Q. PLEASE IDENTIFY ALL SMART GRID AND SMART METER**
16 **INVESTMENTS WHICH BIG SANDY HAS MADE TO DATE.**

17 **A** Big Sandy began a pilot program with AMR meters in 2004, and fully deployed
18 the AMR System in 2009.

19 Big Sandy entered into an agreement with Aclara to purchase 8,700 new AMR
20 meters over a five-year period from 2019-2023. This discounted pricing allowed
21 Big Sandy to modernize our equipment. Big Sandy changed a large portion of
22 meters to remote disconnect capable units. The hardware components of each
23 substation had to be updated to read the new meters efficiently, however the other

1 equipment needed to integrate the new meters was in place. The investment
2 reduced operational cost for field trips and addressed aging equipment failures.

3

4 **Q. WHY SHOULD THE COMMISSION GRANT THE COOPERATIVE'S**
5 **REQUESTS IN THIS PROCEEDING?**

6 A. Big Sandy is making a well-reasoned and conservative request for a rate increase.
7 Big Sandy is requesting the amount it believes will allow it to meet its financial
8 metrics while providing safe and reliable service to its members. Big Sandy has
9 worked with its consultants to file well-supported information and exhibits that are
10 verified, repeatable and credible. This information is consistent with Commission
11 precedent.

12 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

13 A. Yes, it does.

Attachment JP-1 – Certificate of Good Standing.

ATTACHMENT JP-1

Commonwealth of Kentucky Michael G. Adams, Secretary of State

Michael G. Adams
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
<http://www.sos.ky.gov>

Certificate of Existence

Authentication number: 319566

Visit <https://web.sos.ky.gov/ftshow/certvalidate.aspx> to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION is a corporation duly incorporated and existing under KRS Chapter 14A and KRS Chapter 272, whose date of incorporation is September 5, 1940 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that Articles of Dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 19th day of September, 2024, in the 233rd year of the Commonwealth.



Michael G. Adams

Michael G. Adams
Secretary of State
Commonwealth of Kentucky
319566/0004187

Attachment JP-2 – Board Resolution.

ATTACHMENT JP-2

**RESOLUTION OF THE BOARD OF DIRECTORS OF
BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION
AUTHORIZING THE FILING OF A RATE APPLICATION WITH THE
KENTUCKY PUBLIC SERVICE COMMISSION AND ALL OTHER
NECESSARY FILINGS IN RELATION TO THE RATE APPLICATION**

A meeting of the Board of Directors (“Board”) of Big Sandy Rural Electric Cooperative Corporation (“Big Sandy”) was held at the Big Sandy’s headquarters, located at 504 11th Street, Paintsville, Kentucky in person, on July 25, 2024, after due and proper notice of such meeting was given, and after a quorum was declared, during which meeting the Board discussed and considered the fully allocated cost of service study (“COSS”) presented by its consultant, John Wolfram of Catalyst Consulting LLC.

Upon motion by James Vanhooose and seconded by Jim McKenzie, and duly carried, the following **RESOLUTION** was unanimously adopted:

WHEREAS, Big Sandy is owned by the members it serves, and its purpose is to provide safe, efficient, and reliable electric service at rates and terms that are fair, just and reasonable; and,

WHEREAS, the leadership and management of Big Sandy have thoroughly reviewed the Cooperative’s financial condition and it has become apparent to Big Sandy’s Board of Directors that it is the prudent decision to request an increase in its revenues through its rates by filing an Application with the Kentucky Public Service Commission for a general rate proceeding;

WHEREAS, the Board has retained the services of a respected rate consultant, John Wolfram of Catalyst Consulting, LLC, who has completed a COSS, which indicates that Big Sandy would need an annual revenue increase of approximately \$3,500,000, in order to maintain an adequate financial position for the company; and,

WHEREAS, Big Sandy intends to file a rate adjustment application with the Commission using a historical 12-month test period beginning on January 1, 2023 and ending on December 31, 2023; and

NOW, THEREFORE BE IT RESOLVED by the Big Sandy Board of Directors that the Board of Directors hereby grants approval for the management of Big Sandy to take all necessary and advisable actions in connection with the Application for a general adjustment to be filed with the Kentucky Public Service Commission.

NOW, THEREFORE BE IT FURTHER RESOLVED by the Big Sandy Board of Directors that the Board of Directors grants approval for the Application to be filed with the Kentucky Public Service Commission for a general adjustment of rates will be for an increase not to exceed \$3,500,000 or 13.5%.

DATE: July 25, 2024

CHAIRMAN OF THE BOARD

ATTEST:

James Vanhore

SECRETARY

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 9

807 KAR 5:001 Section 16(4)(b)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

If the utility has gross annual revenues greater than \$5,000,000, the written testimony of each witness the utility proposes to use to support its application.

Response:

In support of its Application, Big Sandy is providing written testimony of Ms. Robin Slone, Big Sandy's Accounting Manager. Ms. Slone's testimony is included with this Exhibit 9.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
BIG SANDY RURAL ELECTRIC)	
COOPERATIVE CORPORATION)	
FOR A GENERAL ADJUSTMENT OF)	Case No. 2024-00287
RATES)	

DIRECT TESTIMONY OF
ROBIN SLONE ACCOUNTING MANAGER
ON BEHALF OF BIG SANDY RURAL
ELECTRIC COOPERATIVE CORPORATION

October 1, 2024

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION


In the Matter of:

THE ELECTRONIC APPLICATION OF)
BIG SANDY RURAL ELECTRIC)
COOPERATIVE CORPORATION)
FOR A GENERAL ADJUSTMENT OF) Case No. 2024-00287
RATES

VERIFICATION OF ROBIN SLONE

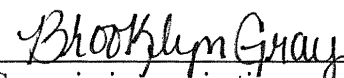
COMMONWEALTH OF KENTUCKY)
)
COUNTY OF JOHNSON)

Robin Slone, Accounting Manager Big Sandy Rural Electric Cooperative Corporation, being duly sworn, states that she has supervised the preparation of her Direct Testimony in the above-referenced case and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.



Robin Slone

The foregoing Verification was signed, acknowledged and sworn to before me this 24 day of September, 2024, by Robin Slone.



Commission expiration: 2/22/27

**DIRECT TESTIMONY
OF
ROBIN SLONE**

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION.

A. My name is Robin Slone. My business address is Big Sandy Rural Electric Cooperative Corporation (“Big Sandy”), 504 11th St. Paintsville, Kentucky 41240. I am the Accounting Manager at Big Sandy.

Q. HOW LONG HAVE YOU BEEN EMPLOYED AT BIG SANDY AND WHAT ARE YOUR RESPONSIBILITIES?

A. I have been employed at Big Sandy since April 1995 and my responsibilities have increased with my experience, however my duties have always been associated in the financial accounting and payroll areas of the business.

Q. BRIEFLY DESCRIBE YOUR EDUCATION AND WORK EXPERIENCE.

A. I have worked in utility finances for approximately 29 years, all with Big Sandy, starting in the billing department and working my way up to Accounting Manager. I have my High School Diploma and have completed some college courses, including Accounting 101-102, and RUS Accounting.

Q. HAVE YOU EVER TESTIFIED BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION (“COMMISSION”)?

A. No

Q. ARE YOU FAMILIAR WITH THE CONTENTS OF THE APPLICATION AND THE EXHIBITS OF BIG SANDY WHICH HAVE BEEN FILED WITH THE COMMISSION TO COMMENCE THIS CASE?

A. Yes, I have worked with our rate consultant, John Wolfram of Catalyst Consulting

LLC, in the preparation of this Application and its Exhibits.

Q. ARE YOU SPONSORING ANY EXHIBITS?

A. Yes. I have prepared the following exhibit to support my testimony:

Attachment RS-1 – Capital Structure, an Excel file uploaded separately in the electronic filing system.

Q. PLEASE GENERALLY DESCRIBE THE RELIEF SOUGHT BY BIG SANDY IN THIS PROCEEDING.

A. Big Sandy’s Board of Directors, in conjunction with its management, have determined that a general rate adjustment is necessary in order to account for cumulative inflationary pressures since its last full rate case ordering rates effective April 26, 2018, improve its overall financial condition, and satisfy current and future loan covenants. Consistent with KRS 278.030(1), Big Sandy seeks Commission approval to demand, collect, and receive fair, just and reasonable rates for the retail service it provides. Specifically, Big Sandy seeks approval to increase its annual revenue by \$3,457,517 or 13.34% to achieve a Times Interest Earned Ratio of (“TIER”) of 2.00X. Included in this request is an increase of the monthly residential customer charge in Schedule A1 – Farm & Home customer class (“Residential”) from \$21.95 to \$29.00 and an increase in the energy charge from .10064 per KWH to .11476 per KWH. Big Sandy is also proposing to increase the energy charge in Schedule A 2 – Commercial and Small Power (“Schedule A2”) from .6973 per KWH to .08160 per KWH. Additionally, Big Sandy is proposing to increase the secondary meter energy charge in Schedule LP – Large Power Service (“Schedule LP”) from .007080 per KWH to .08206 per KWH; and proposing an

increase to Schedule LP primary meter energy charge from .06448 per KWH to .07473 per KWH.

Big Sandy is proposing an increase to the monthly lighting flat rates in Schedule YL-1 for 175 watt from \$10.33 to \$11.87; 400 watt from \$15.94 to \$18.27; 500 watt from \$18.96 to \$21.78; 1,500 watt from \$45.22 to \$51.94; and 400 watt flood from \$21.08 to \$24.21.

Finally, Big Sandy is proposing an increase in Schedule IND 1-B to the Demand Charge, Contract Demand from \$6.65 to \$7.49; and, Excess Demand from \$9.65 to \$9.98. Big Sandy is proposing an increase in Schedule IND 1-B to the secondary meter energy charge from .06535 per KWH to .07075 per KWH; and to the primary meter energy charge from .06462 per KWH to per .06996 KWH.

The Application requests that these rates become effective on November 1, 2024. Justification for this increase is principally based upon Mr. Wolfram's Cost of Service Study ("COSS") and discussed in greater detail within his testimony which can be found at Application, Exhibit 10.

Q. PLEASE GENERALLY DESCRIBE ANY NOTABLE TRENDS IN BIG SANDY'S REVENUES AND MARGINS IN RECENT YEARS.

A. At one time, Big Sandy had large industrial customers. Due to the loss of industries in its service territory, mainly the coal mining industry, Big Sandy has seen its revenues decline and its expenses increase. Big Sandy currently has only one industrial customer, whose load barely qualifies it as an industrial customer.

Q. WHAT CONSIDERATIONS WERE GIVEN TO INCREASE THE RATES AND CHARGES FOR BIG SANDY?

A. Since the last general rate case, the cost of doing business and providing safe and reliable electric service has significantly increased, without a corresponding increase in revenues. Big Sandy has experienced increases in most all aspects of its business, with the primary increases in costs occurring in right-of-way maintenance, interest rates, general labor costs, construction materials and system maintenance costs. The loss of the coal mining industry in Big Sandy's service territory continues to decrease Big Sandy's revenues. A more detailed list of the costs that have increased is contained in the Direct Testimony of John Wolfram, at Exhibit 10 to the Application.

Q. DID BIG SANDY CONSIDER ITS LOW-INCOME CUSTOMER WHEN DESIGNING ITS PROPOSED RATES?

A. Yes. Big Sandy considered how the proposed rates would impact all of its members including its low-income members. Big Sandy also has a duty to make responsible financial decisions in order to maintain services to all the members and it can not maintain its facility, system, and services without an increase in rates.

Q. WHY IS IT IMPORTANT THAT BIG SANDY MAINTAIN A STRONG FINANCIAL CONDITION?

A. As the Commission is aware, Big Sandy is owned by the Members it serves. Big Sandy strives to keep its rates as low as possible, however the expense of providing safe and reliable service to its Members continues to increase. In addition, rates should be designed in a way that better align the costs to serve each rate class, which is what Big Sandy is seeking to accomplish with its proposed rates. Big Sandy also needs to meet certain financial ratios as required by its mortgage agreements with

its lenders; RUS, FFB, CO-BANK, CFC. For the test year which ended December 31, 2023, Big Sandy had an OTIER of (0.91) and a TIER of 0.28. Big Sandy is required in its mortgage agreements to maintain at least a minimum OTIER of 1.10, based on an average of two best out of the three most current years.

Q. PLEASE DESCRIBE FINANCIAL IMPACTS SINCE BIG SANDY'S LAST RATE CASE.

A. Big Sandy has seen an increase in nearly every aspect of its business. A more detailed description of some of these costs are included in the Direct Testimony of Jeff Prater, Application, Exhibit 8. Big Sandy's interest expense has increased and the industry in the service territory, particularly the mining industry, has continued to decrease Big Sandy's revenues.

Q. WHAT HAS BEEN BIG SANDY'S POLICY FOR LONG TERM FINANCING AND INTEREST RATES?

A. Big Sandy refinanced some loans in 2017 with CFC to reduce interest. Big Sandy continues to monitor these rates for additional refinancing terms.

Q. WHAT ADJUSTMENTS HAVE BEEN MADE BY BIG SANDY TO PAYROLL-RELATED ITEMS?

A. Big Sandy is proposing adjustments to wages and salaries to reflect the known and measurable changes made following the end of the test year, consistent with standard Commission practices. This includes annual increases and accounting for employees who are no longer with Big Sandy.

Q. IS BIG SANDY PROPOSING TO ADJUST ITS DEPRECIATION RATES AS PART OF THIS PROCEEDING?

A. No. Big Sandy is not proposing to adjust its depreciation rates in this proceeding. Big Sandy's last depreciation study was completed December 31, 2007, which is attached at Application, Exhibit 20. Big Sandy's current depreciation rates were approved by the Commission in Case No. 2008-00401.

Q. EXPLAIN WHY THE COMMISSION SHOULD GRANT THE RELIEF REQUESTED BY BIG SANDY IN THIS CASE.

A. Big Sandy employed the services of Mr. Wolfram's firm to perform a comprehensive COSS to provide Big Sandy with the details needed to include in this rate filing. The rate relief sought by Big Sandy is consistent with Mr. Wolfram's COSS and is needed to assist Big Sandy in maintaining its financial integrity and to provide its Members with safe and reliable electric service at a fair, just and reasonable cost. Big Sandy is attempting to gradually increase its rates to more closely align with the costs to service each rate class. Big Sandy is requesting a customer charge of \$29.00 which aligns with the COSS. Big Sandy believes that this is consistent with KRS 278.030(1) and is seeking Commission approval for the ability to collect and receive fair, just and reasonable rates for the retail service it provides.

Q. PLEASE DESCRIBE THE OTHER RELIEF BIG SANDY IS REQUESTING IN THIS PROCEEDING?

A. Big Sandy's Application requests that the Commission approve recovery of reasonable rate case expenses in the approved rates amortized over a period of three years, or such other period which the Commission finds reasonable. No other relief is being requested by Big Sandy at this time.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes, it does.

**Attachment RS-1 – Capital Structure, Excel File uploaded
separately in the electronic filing system.**

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 10

807 KAR 5:001 Section 16(4)(b)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

If the utility has gross annual revenues greater than \$5,000,000, the written testimony of each witness the utility proposes to use to support its application.

Response:

In support of its Application, Big Sandy is providing the written testimony of Mr. John Wolfram, rate consultant and principal of Catalyst Consulting LLC. Mr. Wolfram's testimony is included with this Exhibit 10.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)	
BIG SANDY RURAL ELECTRIC)	
COOPERATIVE CORPORATION)	Case No. 2024-00287
FOR A GENERAL ADJUSTMENT OF)	
RATES)	

DIRECT TESTIMONY OF
JOHN WOLFRAM
PRINCIPAL, CATALYST CONSULTING LLC
ON BEHALF OF BIG SANDY RURAL
ELECTRIC COOPERATIVE CORPORATION

Filed: October 1, 2024

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE ELECTRONIC APPLICATION OF)
BIG SANDY RURAL ELECTRIC)
COOPERATIVE CORPORATION) Case No. 2024-00287
FOR A GENERAL ADJUSTMENT OF)
RATES)

VERIFICATION OF JOHN WOLFRAM

COMMONWEALTH OF KENTUCKY)
)
COUNTY OF JEFFERSON)

John Wolfram, Principal of Catalyst Consulting LLC, being duly sworn, states that he has supervised the preparation of his Direct Testimony in the above-referenced case and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

[Handwritten signature of John Wolfram]
John Wolfram

The foregoing Verification was signed, acknowledged and sworn to before me this 11th day of September, 2024, by John Wolfram.

[Handwritten signature of Notary]
Commission expiration: 09/20/2027

BENJAMIN BERDICHEVSKY
Notary Public - State at Large
Kentucky
My Commission Expires Sept. 20, 2027
Notary ID KYNP79738

**DIRECT TESTIMONY
OF
JOHN WOLFRAM**

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**DIRECT TESTIMONY
OF
JOHN WOLFRAM**

I. INTRODUCTION

1 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION.**

2 A. My name is John Wolfram. I am the Principal of Catalyst Consulting LLC. My
3 business address is 3308 Haddon Road, Louisville, Kentucky, 40241.

4 **Q. ON WHOSE BEHALF ARE YOU TESTIFYING?**

5 A. I am testifying on behalf of Big Sandy Rural Electric Cooperative Corporation
6 ("Big Sandy").

7 **Q. BRIEFLY DESCRIBE YOUR EDUCATION AND WORK EXPERIENCE.**

8 A. I received a Bachelor of Science degree in Electrical Engineering from the
9 University of Notre Dame in 1990 and a Master of Science degree in Electrical
10 Engineering from Drexel University in 1997. I founded Catalyst Consulting LLC
11 in June 2012. I have developed cost of service studies and rates for numerous
12 electric and gas utilities, including electric distribution cooperatives, generation and
13 transmission cooperatives, municipal utilities, and investor-owned utilities. I have
14 performed economic analyses, rate mechanism reviews, special rate designs, and
15 wholesale formula rate reviews. From March 2010 through May 2012, I was a
16 Senior Consultant with The Prime Group, LLC. I have also been employed by the
17 parent companies of Louisville Gas and Electric Company ("LG&E") and
18 Kentucky Utilities Company ("KU"), by the PJM Interconnection, and by the
19 Cincinnati Gas & Electric Company. A more detailed description of my
20 qualifications is included in Exhibit JW-1.

1 **Q. HAVE YOU EVER TESTIFIED BEFORE THE KENTUCKY PUBLIC**
2 **SERVICE COMMISSION (“COMMISSION”)?**

3 **A.** Yes. I have testified in numerous regulatory proceedings before this Commission
4 and have been involved in Commission matters nearly continuously since 1999. A
5 listing of my testimony in other proceedings is included in Exhibit JW-1.
6

7 **II. PURPOSE OF TESTIMONY**

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

9 **A.** The purpose of my testimony is to: (i) describe Big Sandy’s rate classes, (ii)
10 describe the calculation of Big Sandy’s revenue requirement; (iii) explain the pro
11 forma adjustments to the test period results; (iv) describe the Cost of Service Study
12 (“COSS”) process and results; (v) present the proposed allocation of the revenue
13 increase to the rate classes; (vi) describe the rate design, proposed rates, and
14 estimated billing impact by rate class, and (vii) support certain filing requirements
15 from 807 KAR 5:001.

16 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

17 **A.** Yes. I have prepared the following exhibits to support my testimony:

18 Exhibit JW-1 – Qualifications of John Wolfram

19 Exhibit JW-2 – Revenue Requirements & Pro Forma Adjustments

20 Exhibit JW-3 – COSS: Summary of Results

21 Exhibit JW-4 – COSS: Functionalization & Classification

22 Exhibit JW-5 – COSS: Allocation to Rate Classes & Returns

23 Exhibit JW-6 – COSS: Billing Determinants

1 Exhibit JW-7 – COSS: Purchased Power, Meters, & Services

2 Exhibit JW-8 – COSS: Zero Intercept Analysis

3 Exhibit JW-9 – Present & Proposed Rates

4
5 **III. CLASSES OF SERVICE**

6 **Q. PLEASE DESCRIBE THE CUSTOMER CLASSES SERVED BY BIG**
7 **SANDY.**

8 A. Big Sandy currently has members taking service pursuant to six major rate
9 classifications. These include A1 - Farm and Home, A2 – Commercial & Small
10 Power, LP – Large Power (for customers whose power requirements do not exceed
11 750 kVA of transformer capacity), LPR – Large Power (for customers whose power
12 requirements exceed 750 kVA of transformer capacity), IND 1-B – Industrial, and
13 YL – Yard Security Lighting. Big Sandy’s residential members comprise 73% of
14 test year energy usage and 7 % of test year revenues from energy sales, on an
15 unadjusted basis, as shown in Table 1.

16 **Table 1. Rate Class Data**

Rate Class	Members	kWh	%	Revenue	%
A1 -Farm & Home	11,594	142,863,015	73.23%	\$19,440,092	75.10%
A2 - Commercial & Small Power	873	8,504,773	4.36%	\$1,385,991	5.35%
LP - Large Power	160	22,805,417	11.69%	\$2,519,950	9.74%
LPR - Large Power	9	10,505,980	5.39%	\$1,060,513	4.10%
IND 1-B Industrial	1	6,778,800	3.47%	\$580,948	2.24%
YL – Lighting	34	3,626,660	1.86%	\$896,440	3.46%
Total	12,670	195,084,645	100%	\$25,883,935	100%

17

1 **Q. DOES THE DATA IN TABLE 1 RECONCILE PRECISELY WITH THE**
2 **DATA IN BIG SANDY’S RUS FORM 7 AND THE ANNUAL FINANCIAL**
3 **REPORT FILED WITH THE COMMISSION?**

4 A. No; the data does not reconcile perfectly, but it is extremely close. The reason for
5 this is that the data in Table 1 represents my reproduction of Big Sandy’s 2023
6 billing data by rate class.

7

8 **IV. REVENUE REQUIREMENT**

9 **Q. PLEASE DESCRIBE HOW BIG SANDY’S PROPOSED REVENUE**
10 **INCREASE WAS DETERMINED.**

11 A. Big Sandy is proposing a general adjustment in rates using a historical test period.
12 The proposed revenue increase was determined first by analyzing the revenue
13 deficiency based on financial results for the test period after the application of
14 certain pro forma adjustments described herein. The revenue deficiency was
15 determined as the difference between (i) Big Sandy’s net margins for the adjusted
16 test period without reflecting a general adjustment in rates and (ii) the net margin
17 requirement necessary to provide a Times Interest Earned Ratio (“TIER”) of 2.00
18 for the adjusted test period. Based on the adjusted test year, the revenue deficiency
19 is \$3,458,483.

20 **Q. WHAT IS THE HISTORICAL TEST PERIOD FOR THE RATE CASE**
21 **APPLICATION?**

22 A. The historical test period for the filing is the 12 months ended December 31, 2023.

1 **Q. HAVE YOU PREPARED AN EXHIBIT THAT SHOWS HOW BIG SANDY'S**
2 **REVENUE DEFICIENCY IS CALCULATED?**

3 A. Yes. Exhibit JW-2 shows the calculation of Big Sandy's revenue deficiency.

4 **Q. PLEASE EXPLAIN THE REVENUE DEFICIENCY CALCULATION IN**
5 **EXHIBIT JW-2 IN DETAIL.**

6 A. The purpose of Exhibit JW-2 is to calculate the difference between Big Sandy's net
7 margin for the adjusted test year and the margin necessary for Big Sandy to achieve a
8 2.00 TIER. Page 1 of the exhibit presents revenues and expenses for Big Sandy for
9 the actual test year, the proposed pro forma adjustments, the adjusted test year at
10 present rates, and the adjusted test year at the proposed rates. The revenues include
11 total sales of electric energy and other electric revenue.

12 Expenses are tabulated next. The Total Cost of Electric Service is shown on
13 line 22. Total Cost of Electric Service includes operation expenses, maintenance
14 expenses, depreciation and amortization expenses, taxes, interest expenses on long-
15 term debt, other interest expenses, and other deductions. Utility Operating Margins
16 are calculated by subtracting Total Cost of Electric Service from Total Operating
17 Revenue. Non-operating margins and capital credits are added to Utility Operating
18 Margins to determine Big Sandy's Net Margins.

19 The TIER, OTIER, Margins at Target TIER, and Revenue Deficiency
20 amounts are calculated at the bottom of page 1 of Exhibit JW-2.

21 **Q. WHAT IS THE TIER FOR BIG SANDY FOR THE UNADJUSTED TEST**
22 **YEAR AND THE ADJUSTED TEST YEAR?**

1 A. Exhibit JW-2 shows on Line 34 that the TIER for the unadjusted test year is 0.28
2 and for the adjusted test year is (1.85), both of which are below the target TIER of
3 2.00.

4 **Q. WHAT IS THE REVENUE DEFICIENCY CALCULATED IN EXHIBIT**
5 **JW-2?**

6 A. Based on a TIER of 2.00, Big Sandy has a net margin requirement of \$898,037. To
7 achieve these net margins requires an increase of \$3,458,483 or 13.5 percent.

8

9 **V. PRO FORMA ADJUSTMENTS**

10 **Q. PLEASE BROADLY DESCRIBE THE NATURE OF THE PRO FORMA**
11 **ADJUSTMENTS MADE TO BIG SANDY'S ELECTRIC OPERATIONS**
12 **FOR THE TEST YEAR SHOWN IN EXHIBIT JW-2.**

13 A. Big Sandy has made adjustments which remove revenues and expenses that are
14 addressed in other rate mechanisms, are ordinarily excluded from rates, or are non-
15 recurring on a prospective basis, consistent with standard Commission practices.
16 The pro forma adjustments are included in Exhibit JW-2. The pro forma
17 adjustments are summarized below for convenience.

18 **Table 2. Pro Forma Adjustments**

Reference Schedule	Pro Forma Adjustment Item
1.01	Fuel Adjustment Clause
1.02	Environmental Surcharge
1.03	Depreciation Expense
1.04	G&T Capital Credits
1.05	Year-End Customers
1.06	Rate Case Expenses
1.07	Donations & Promotional Advertising

1.08	Professional Services
1.09	Directors Fees
1.10	Wages & Salaries
1.11	Life Insurance

1

2 **Q. DID YOU PREPARE A DETAILED INCOME STATEMENT AND**
3 **BALANCE SHEET RELECTING THE IMPACT OF ALL PROPOSED**
4 **ADJUSTMENTS?**

5 A. Yes. These are included in Exhibit JW-2 pages 3 and 4.

6 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
7 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.01.**

8 A. This adjustment accounts for the fuel cost expenses and revenues included in the
9 Fuel Adjustment Clause (“FAC”) for the test period. Consistent with Commission
10 practice, FAC expenses and revenues included in the test year have been
11 eliminated.

12 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
13 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.02.**

14 A. This adjustment removes Environmental Surcharge ("ES") revenues and expenses
15 because these are addressed by a separate rate mechanism. This is consistent with
16 the Commission's practice of eliminating the revenues and expenses associated with
17 full-recovery cost trackers.

18 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
19 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.03.**

1 A. This adjustment normalizes depreciation expenses by replacing test year actual
2 expenses with test year-end balances (less any fully depreciated items) at approved
3 depreciation rates, consistent with typical Commission practice.

4 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
5 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.04.**

6 A. This adjustment removes the G&T Capital Credits from the test period, consistent
7 with standard Commission practice.

8 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
9 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.05.**

10 A. This adjustment adjusts the test year expenses and revenues to reflect the number
11 of customers at the end of the test year. The numbers of customers served at the end
12 of the test period for some rate classes differed from the average number of
13 customers for the test year. The change in revenue is calculated by applying the
14 average revenue per kWh for each rate class to the difference between average
15 customer count and test-year-end customer count (at average kWh/customer) for
16 each class. The change in operating expenses was calculated by applying an
17 operating ratio to the revenue adjustment, consistent with the approach accepted by
18 the Commission for other utilities in rate proceedings (*e.g.*, Case Nos. 2019-00053,
19 2012-00221 & 2012-00222, and 2017-00374).

20 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
21 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.06.**

1 A. This adjustment estimates the rate case costs amortized over a 3-year period for
2 inclusion in the revenue requirement, consistent with standard Commission
3 practice.

4 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
5 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.07.**

6 A. This adjustment eliminates donations, promotional advertising, and dues expenses
7 pursuant to 807 KAR 5:016, consistent with Commission practice. Also please see
8 Application Exhibit 28.

9 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
10 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.08.**

11 A. This adjustment removes certain non-recurring expenses (or normalizes others) for
12 outside services from the test period, consistent with standard Commission practice.

13 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
14 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.09.**

15 A. This adjustment removes certain Director expenses, including costs for directors
16 attending EKPC / KAEC / NRECA annual meeting(s), training, or tours when the
17 director is not the Big Sandy representative for the respective organization.
18 Expenses that may not be fully removed for rate-making purposes include the costs
19 of attending NRECA director training/education seminars (especially for new
20 directors). These seminars help directors to meet their fiduciary duties to the
21 membership by educating them on industry issues. Also please see Application
22 Exhibit 27.

1 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
2 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.10.**

3 A. This adjustment normalizes Big Sandy’s employee wages and salaries to account
4 for changes due to wage increases, departures, or new hires for a standard year of
5 2,080 hours. The exhibit shows adjustment data for employees based on regular
6 time, overtime, and other/vacation payout time adjusted from test year 2023.

7 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
8 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.11.**

9 A. This adjustment removes life insurance premiums for coverage above the lesser of
10 an employee's annual salary or \$50,000 from the test period.

11 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
12 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.12.**

13 A. This adjustment adds to expense for the expected annualized cost to achieve the
14 target cycle at the current level of staffing.

15 **Q. PLEASE EXPLAIN THE ADJUSTMENT TO OPERATING REVENUES**
16 **OR EXPENSES SHOWN IN REFERENCE SCHEDULE 1.13.**

17 A. This adjustment normalizes the interest on Long-Term Debt. The test year cost of
18 debt is normalized to annualized cost rate (by multiplying the test year end debt
19 amounts by the interest rate in effect at the end of the test year for each loan).

20

21 **VI. COST OF SERVICE STUDY**

22 **Q. DID YOU PREPARE A COSS FOR BIG SANDY BASED ON FINANCIAL**
23 **AND OPERATING RESULTS FOR THE TEST YEAR?**

1 A. Yes. I prepared a fully allocated, embedded COSS based on pro forma operating
2 results for the test year. The objective in performing the COSS is to assess Big
3 Sandy's overall rate of return on rate base and to determine the relative rates of
4 return that Big Sandy is earning from each rate class. Additionally, the COSS
5 provides an indication of whether each class is contributing its appropriate share
6 towards Big Sandy's cost of providing service.

7 **Q. WHAT PROCEDURE WAS USED IN PERFORMING THE COSS?**

8 A. The three traditional steps of an embedded COSS – functionalization, classification,
9 and allocation – were utilized. The COSS was prepared using the following
10 procedure: (1) costs were functionalized to the major functional groups; (2) costs
11 were classified as energy-related, demand-related, or customer-related; and then (3)
12 costs were allocated to the rate classes.

13 **Q. IS THIS A STANDARD APPROACH USED IN THE ELECTRIC UTILITY**
14 **INDUSTRY AND ACCEPTED BY THIS COMMISSION?**

15 A. Yes. The same approach has been employed and accepted in several cases filed by
16 other utilities in Kentucky, including rate cases noted in Exhibit JW-1.

17 **Q. HOW ARE COSTS FUNCTIONALIZED AND CLASSIFIED IN THE COST**
18 **OF SERVICE MODEL?**

19 A. Big Sandy's test-year costs are functionalized and classified according to the
20 practices specified in *The Electric Utility Cost Allocation Manual* published by the
21 National Association of Regulatory Utility Commissioners ("NARUC") dated
22 January 1992. Costs are functionalized to the categories of power supply,
23 transmission, station equipment, primary and secondary distribution plant,

1 customer services, meters, lighting, meter reading and billing, and load
2 management.

3 **Q. IS THE COSS UNBUNDLED?**

4 A. Yes. This unbundling distinguishes between the functionalized costs components,
5 i.e., purchased power demand, purchased power energy, distribution demand, and
6 distribution customer – which allows the development of rates based on these
7 separate cost components.

8 **Q. HOW WERE COSTS CLASSIFIED AS ENERGY-RELATED, DEMAND-
9 RELATED OR CUSTOMER-RELATED?**

10 A. Costs are classified in connection with how they vary. Costs classified as *energy-*
11 *related* vary with the number of kilowatt-hours consumed. Costs classified as
12 *demand-related* vary with the capacity needs of customers, such as the amount of
13 transmission or distribution equipment necessary to meet a customer’s needs, or
14 other elements that are related to facility size. Transmission lines and distribution
15 substation transformers are examples of costs typically classified as demand costs.
16 Costs classified as *customer-related* include costs incurred to serve customers
17 regardless of the quantity of electric energy purchased or the peak requirements of
18 the customers and vary with the number of customers. A meter is one example of a
19 customer-related cost. Customer-related costs also include the cost of the minimum
20 system necessary to provide a customer with access to the electric grid. Distribution
21 costs related to overhead conductor, underground conductor, and line transformers
22 were split between demand-related and customer-related using the “zero-intercept”
23 method, which I explain further below. Customer Services, Meters, Lighting, Meter

1 Reading, Billing, Customer Account Service, and Load Management costs were
2 classified as customer related.

3 **Q. PLEASE EXPLAIN THE APPLICATION OF THE ZERO INTERCEPT**
4 **METHOD TO THE CLASSIFICATION OF CERTAIN DISTRIBUTION**
5 **COSTS.**

6 A. In preparing this study, the zero-intercept method was used to determine the
7 customer components of overhead conductor, underground conductor, and line
8 transformers. The zero-intercept method uses linear regression to determine the
9 theoretical cost for connecting a customer of zero size to the grid. This method is
10 less subjective than other approaches and is preferred when the necessary data are
11 available. With the zero-intercept method, a zero-size conductor or line transformer
12 is the absolute minimum system. The zero-intercept analysis is included in Exhibit
13 JW-8.

14 **Q. IS THE ZERO-INTERCEPT METHOD A STANDARD APPROACH**
15 **GENERALLY ACCEPTED WITHIN THE ELECTRIC UTILITY**
16 **INDUSTRY?**

17 A. Yes. The NARUC *Electric Utility Cost Allocation Manual* identifies the zero-
18 intercept (or “minimum intercept”) as one of two standard methodologies for
19 classifying distribution fixed costs. The manual states on page 92 that the zero-
20 intercept method “requires considerably more data and calculation than the
21 minimum-size method. In most instances, it is more accurate, although the
22 differences may be relatively small.” The Commission has accepted the zero-
23 intercept method in many rate filings for many years. The Commission should do

1 so in this case also, because the zero intercept calculations shown in Exhibit JW-8
2 are reasonable.

3 **Q. HAVE YOU PREPARED AN EXHIBIT SHOWING THE RESULTS OF**
4 **THE FUNCTIONALIZATION AND CLASSIFICATION STEPS OF THE**
5 **COSS?**

6 A. Yes. Exhibit JW-4 shows the results of the first two steps of the COSS –
7 functionalization and classification.

8 **Q. IN THE COST OF SERVICE MODEL, ONCE COSTS ARE**
9 **FUNCTIONALIZED AND CLASSIFIED, HOW ARE THESE COSTS**
10 **ALLOCATED TO THE CUSTOMER CLASSES?**

11 A. Once costs for all of the major accounts are functionalized and classified, the
12 resultant cost matrix for the major groupings (e.g., Plant in Service, Rate Base,
13 Operation and Maintenance Expenses) is then transposed and allocated to the
14 customer classes using allocation vectors. The results of the class allocation step of
15 the COSS are included in Exhibit JW-5.

16 **Q. HOW ARE ENERGY-RELATED, CUSTOMER-RELATED AND**
17 **DEMAND-RELATED COSTS ALLOCATED TO THE RATE CLASSES IN**
18 **THE COSS?**

19 A. Power supply energy-related costs are allocated on the basis of total test year kWh
20 sales to each customer class. Power supply and transmission demand-related costs
21 are allocated using a 12CP methodology, to mirror the basis of cost allocation used
22 in the applicable EKPC wholesale tariff. With the 12CP methodology, these
23 demand-related costs are allocated on the basis of the demand for each rate class at

1 the time of the wholesale system peak (also known as “Coincident Peak” or “CP”)
2 for each of the twelve months. Customer-related costs are allocated on the basis of
3 the average number of customers served in each rate class during the test year.
4 Distribution demand-related costs are allocated on the basis of the relative demand
5 levels of each rate class. Specifically, the demand cost component is allocated by
6 the maximum class demands for primary and secondary voltage and by the sum of
7 individual customer demands for secondary voltage. The customer cost component
8 of customer services is allocated on the basis of the average number of customers
9 for the test year. Meter costs were specifically assigned by relating the costs
10 associated with various types of meters to the class of customers for whom these
11 meters were installed. The demand analysis is provided in Exhibit JW-6. The
12 purchased power, meter, and service analyses are provided in Exhibit JW-7.

13 **Q. HOW IS THE TARGET MARGIN INCORPORATED INTO THE COSS?**

14 A. The COSS first determines results on an actual or unadjusted basis. The COSS then
15 considers the pro forma adjustments and a target margin. The target margin is based
16 on the rate of return on rate base that will yield the target revenue requirement.

17 **Q. PLEASE SUMMARIZE THE RESULTS OF THE COSS.**

18 A. The results of the COSS are provided in Exhibit JW-3 on page 1. The following
19 table summarizes the rates of return for each customer class in the study. The Pro
20 Forma Rate of Return on Rate Base was calculated by dividing the net utility
21 operating margin (including the pro forma adjustments) by the net cost rate base
22 for each customer class. The Unitized Pro Forma Return on Rate Base is the
23 previous column normalized to a total return on rate base equal to one (1.00). Any

1 negative values for pro forma rate of return on rate base indicate that expenses
 2 exceed revenues. Also, any rate class for which the rate of return is greater than the
 3 total system rate of return is providing a subsidy to the other rate classes; any class
 4 with a rate of return that is less than the total system rate of return (i.e. any class
 5 with a unitized rate of return less than 1.00) is receiving a subsidy.

6 **Table 3. COSS Results: Rates of Return**

#	Rate	Pro Forma Return on Rate Base	Unitized Pro Forma Return on Rate Base
1	A1 - Farm & Home	-7.19%	(1.25)
2	A2 - Commercial & Small Power	5.68%	0.99
3	LP - Large Power	-7.48%	(1.30)
4	LPR - Large Power	1.17%	0.20
5	IND 1-B - Industrial	-11.39%	(1.98)
6	Lighting	-0.13%	(0.02)
7	TOTAL	-5.75%	1.00

7
 8 **Q. DOES THE COSS PROVIDE INFORMATION CONCERNING THE UNIT**
 9 **COSTS INCURRED BY BIG SANDY TO PROVIDE SERVICE UNDER**
 10 **EACH RATE SCHEDULE?**

11 **A.** Yes. Customer-related, demand-related, and energy-related costs for each rate class
 12 are shown in Exhibit JW-3 page 2 and at the end of Exhibit JW-5. Customer-related
 13 costs are stated as a cost per member per month. Energy-related costs are stated as
 14 a cost per kWh. For rate classes with a demand charge, demand-related costs are
 15 stated as a cost per kW per month. For rate classes without a demand charge, the
 16 demand-related costs are incorporated into the per kWh charge.

1 **Q. BASED ON THE COSS, DO BIG SANDY'S EXISTING RATES**
2 **APPROPRIATELY REFLECT THE COST OF PROVIDING SERVICE TO**
3 **EACH RATE CLASS?**

4 A. No. The wide range of rates of return for the rate classes indicates that existing rates
5 maintain a degree of subsidization between the rate classes. The unbundled costs
6 within each rate class indicate an imbalance within the current rate structure
7 between the recovery of fixed costs and variable costs, particularly within the
8 residential class. This is relatively common among electric utilities, at least to a
9 certain degree.

10 **Q. WHAT GUIDANCE DOES THE COSS PROVIDE FOR RATE DESIGN?**

11 A. First, the COSS indicates that rates for most of the classes are insufficient and
12 should be increased. The rate of return is negative for Rate A1 Farm & Home, Rate
13 LP Large Power, Rate IND-1B Industrial, and Lighting. The negative rate of return
14 means that the rate class is not only falling short of the cost to serve, but also is
15 actually losing money; margins are negative, and the class is not covering even a
16 portion of the cost to serve. The rate of return is also insufficient (but positive) for
17 Rate LPR Large Power. All of these classes require a revenue increase in order to
18 contribute their fair share to margins.

19 Second, the COSS supports a fixed monthly charge of \$43.21 for the
20 residential class. This is shown on Exhibit JW-3, page 2. Since the current charge
21 is \$21.95 per month, the fixed customer charge should be increased. This is a
22 significant issue for Big Sandy because the current charge is below cost-based rates.
23 This means that the current rate structure places too little recovery of fixed costs in

1 the fixed charge, which results in significant under-recovery of fixed costs,
2 particularly when members embrace conservation or energy efficiency or otherwise
3 reduce overall consumption. At bottom, this is a fundamental challenge facing Big
4 Sandy from a cost recovery standpoint, particularly because residential members
5 make up the vast majority of Big Sandy's membership, and it is essential for Big
6 Sandy's financial well-being to address this issue.

7
8 **VII. ALLOCATION OF THE PROPOSED INCREASE**

9 **Q. PLEASE SUMMARIZE HOW BIG SANDY PROPOSES TO ALLOCATE**
10 **THE REVENUE INCREASE TO THE CLASSES OF SERVICE.**

11 A. Big Sandy relied on the results of the COSS as a guide to determine the allocation
12 of the proposed revenue increase to the classes of service. Big Sandy is proposing
13 to allocate the revenue increase in greater proportion to the rate classes whose
14 returns are more negative and in less proportion to those classes whose returns are
15 less negative. Specifically, the increases are designed such that the resultant rate
16 of return on rate base for the applicable classes is equivalent. In other words, the
17 overall system rate of return on rate base at the target revenue requirement is
18 determined, then the overall increase is apportioned to each class with a rate of
19 return lower than the overall system rate of return in such a way that those classes
20 all yield the same rate of return on rate base (with rounding). This means that the
21 rate increases will be apportioned in accordance with the overall level of
22 underperformance.

1 **Q. WHAT IS THE PROPOSED BASE RATE REVENUE INCREASE FOR**
2 **EACH RATE CLASS?**

3 A. Big Sandy is proposing the base rate revenue increases in the following table.

4 **Table 4. Proposed Base Rate Increases**

Rate Class	Increase	
	Dollars	Percent
Schedule A-1 Farm & Home	\$2,998,043	15.42%
Schedule A-2 Commercial & Small Power	\$0	0.00%
Schedule LP Large Power Service	\$240,666	9.71%
Schedule LPR Large Power Service	\$26,055	2.47%
Industrial - IND 1-B	\$46,716	8.04%
Schedule YL-1 Yard Security Light Service	\$146,038	14.89%
Total	\$3,457,517	13.34%

5

6 **VIII. PROPOSED RATES**

7 **Q. HAVE YOU PREPARED AN EXHIBIT SHOWING THE**
8 **RECONSTRUCTION OF BIG SANDY'S TEST-YEAR BILLING**
9 **DETERMINANTS?**

10 A. Yes. The reconstruction of Big Sandy's billing determinants is shown on Exhibit
11 JW-9.

12 **Q. WHAT ARE THE PROPOSED CHARGES FOR BIG SANDY'S**
13 **RESIDENTIAL RATE CLASS?**

14 A. Big Sandy is proposing to increase the Schedule A1 Farm & Home customer charge
15 from \$21.95 to \$29.00 per month, to increase the energy charge from \$0.10064 to
16 \$0.11476 per kWh.

17 **Q. HOW WERE THE PROPOSED RATES CALCULATED?**

1 A. The rates were calculated such that two constraints were met. The first constraint
2 was that the total incremental revenue resulting from the proposed rates must equal
3 the revenue deficiency (as close as possible with rounding). The second was that
4 the combination of revisions to the customer charges, the energy charges, and the
5 demand charges (where applicable) for each rate class (or in the case of lighting,
6 the combination of revisions to overall per-fixture charges) must achieve the target
7 revenue increase for that class such that the rates of return on rate base are roughly
8 equivalent for these classes.

9 **Q. HOW WERE THE TARGET REVENUE INCREASES FOR EACH CLASS**
10 **DETERMINED?**

11 A. Using the cost of service study, it is possible to determine the amount of incremental
12 revenue for each class that would drive the rate of return on rate base for each class
13 to the overall system rate of return. This approach was applied to each rate class
14 except for Commercial & Small Power Rate A2, for which the cost of service study
15 indicates a reasonable rate of return without any rate revision. The overall target
16 rate of return for the underperforming classes was approximately 4 percent, so
17 specific revenue increase amounts for the rate classes were developed that would
18 achieve that level (or very close to that level due to rate rounding).

19 **Q. HOW WAS THE PROPOSED RESIDENTIAL CUSTOMER CHARGE**
20 **DETERMINED?**

21 A. Big Sandy's residential customer charge is currently \$21.95 per month. The cost
22 of service study shows that the actual cost per month per customer is \$43.21. The
23 gap is \$21.05 per month. Big Sandy determined the proposed residential customer

1 charge by increasing the \$21.95 incrementally so that the increase closes some but
2 not all the gap between current rates and cost-based rates. The proposed \$29.00
3 will close about 33 percent of the gap, while keeping the customer charge below
4 \$30.00. This reflects movement of just over one-third and less than halfway across
5 the gap between current and cost-based rates.

6 **Q. HOW WAS THE PROPOSED RESIDENTIAL ENERGY CHARGE**
7 **DETERMINED?**

8 A. Given the proposed customer charge, Big Sandy's residential energy charge was
9 incrementally increased until the resultant residential revenue increase totaled
10 \$2,998,043 which is the amount need to achieve equivalent rates of return for the
11 applicable classes.

12 **Q. HOW WERE THE RATES DESIGNED FOR LARGE POWER SERVICE**
13 **RATE LP?**

14 A. The revenue increase necessary for this class to reach the equivalent target rate of
15 return is approximately \$240,764, so the energy charge was scaled up until this
16 increased was achieved (\$240,666 with rounding) at the test year billing
17 determinants.

18 **Q. HOW WERE THE RATES DESIGNED FOR LARGE POWER SERVICE**
19 **RATE LPR?**

20 A. The revenue increase necessary for this class to reach the equivalent target rate of
21 return is approximately \$26,061 so the energy charge was scaled up until this
22 increase was achieved (\$26,055 with rounding) at the test year billing determinants.

1 **Q. HOW WERE THE RATES DESIGNED FOR THE INDUSTRIAL RATE**
2 **IND-1-B?**

3 A. The revenue increase necessary for this class to reach the equivalent target rate of
4 return is approximately \$46,733. First, the demand charges were revised so that
5 they match the demand charges in EKPC's wholesale Rate B, to which this retail
6 rate schedule corresponds. Then, the energy charge was scaled up until the target
7 increase was achieved (\$46,716 with rounding) at the test year billing determinants.

8 **Q. HOW WERE THE RATES DESIGNED FOR LIGHTING?**

9 A. The revenue increase necessary for this class to reach the equivalent target rate of
10 return is approximately \$145,096, so each lighting charge was scaled up until this
11 increase was achieved (\$146,038 with rounding) at the test year billing
12 determinants.

13

14 **Q. DO THE PROPOSED RATES GENERATE THE EXACT TARGET**
15 **REVENUE INCREASE OF \$3,458,483?**

16 A. No, but it is extremely close. Due to rate rounding, the proposed rates generate
17 \$3,457,517, which varies by \$965 from the exact revenue deficiency for the test
18 period, based on test year consumption.

19 **Q. WHAT IS THE PROPOSED AVERAGE BILLING INCREASE FOR EACH**
20 **RATE CLASS?**

21 A. Big Sandy is proposing the average billing increases in the following table.

22

23

Table 5. Proposed Average Billing Increases

Rate Class	Average Usage (kWh)	Increase	
		Dollars	Percent
Schedule A-1 Farm & Home	1,027	\$21.55	15.42%
Schedule A-2 Commercial & Small Power	815	\$0	0.00%
Schedule LP Large Power Service	8,302	\$125.15	9.71%
Schedule LPR Large Power Service	103,000	\$255.44	2.47%
Industrial - IND 1-B	564,900	\$3,893.02	8.04%
Schedule YL-1 Yard Security Light Service	NA	NA	14.89%

1

2 The particular amounts are specified in Exhibit JW-9. Note that the “Test Year”
3 amounts reflect 2023 actuals, and the “Present” year amounts are adjusted to
4 account for the changes stemming from the Fuel Adjustment Clause roll-in
5 recently approved by the Commission in Case No. 2023-000124.

6 **Q. WHAT RATES OF RETURN ON RATE BASE FOR THE VARIOUS**
7 **CLASSES WILL RESULT FROM THE PROPOSED RATE INCREASES?**

8 A. The resultant rates of return on rate base are shown in Table 6.

9 **Table 6. COSS Results: Proposed Rates of Return**

#	Rate	Pro Forma Return on Rate Base	Unitized Pro Forma Return on Rate Base
1	A1 - Farm & Home	3.93%	0.98
2	A2 - Commercial & Small Power	5.68%	1.41
3	LP - Large Power	3.98%	0.99
4	LPR - Large Power	3.99%	0.99
5	IND 1-B - Industrial	3.98%	0.99
6	Lighting	4.00%	1.00
7	TOTAL	4.02%	1.00

10

11 **Q. WILL THE RATES PROPOSED BY BIG SANDY IN THIS PROCEEDING**
12 **ELIMINATE ALL INTER-CLASS SUBSIDIZATION?**

1 A. No. The proposed rates move Big Sandy's rate structures in the direction of cost-
2 based rates without fully adopting those rates. See Exhibit JW-3, page 1 of 2. This
3 is consistent with the ratemaking principle of gradualism and will allow the
4 avoidance of rate shock while still making some movement to improve the price
5 signal to members consistent with how Big Sandy actually incurs costs.

6 **Q. WILL THE RATE DESIGN PROPOSED BY BIG SANDY IN THIS**
7 **PROCEEDING ADVERSELY IMPACT MEMBERS WHO HAVE**
8 **DIFFICULTY PAYING THEIR BILLS?**

9 A. Any increase in rates creates a challenge for those members most in need.
10 However, how the rate revision is split between customer charges and energy
11 charge matters on this point. Typically, members who receive assistance for paying
12 their bills use more energy than the average residential customer. This means that
13 increases in the energy charge have a more adverse impact on those customers than
14 would an increase in the customer charge, all else being equal. The pattern holds
15 in this case; Big Sandy assessed a sample of members who receive energy
16 assistance for their bills, and the average monthly usage exceeded that of the
17 average residential customer at large. For this reason, increasing the customer
18 charge has a less adverse impact on those customers than would an increase to the
19 energy charge. In other words, if the rate increase is placed on the energy charge
20 instead of the customer charge, customers who use more energy per month than the
21 average customer would bear an overall increase greater than that of the average
22 residential customer, and greater than that of customers using less than average.

1 For this reason, increasing the customer charge is better for customers most in need,
2 , all else being equal.

3
4 **IX. FILING REQUIREMENTS**

5 **Q. HAVE YOU REVIEWED THE ANSWERS PROVIDED IN THE FILED**
6 **EXHIBITS WHICH ADDRESS BIG SANDY'S COMPLIANCE WITH THE**
7 **HISTORICAL PERIOD FILING REQUIREMENTS UNDER 807 KAR 5:001**
8 **AND ITS VARIOUS SUBSECTIONS?**

9 A. Yes. I hereby incorporate and adopt those portions of exhibits for which I am
10 identified as the sponsoring witness as part of this Direct Testimony.

11
12 **X. CONCLUSION**

13 **Q. DO YOU HAVE ANY CLOSING COMMENTS?**

14 A. Yes. Big Sandy's rates of return in the COSS clearly demonstrate that the proposed
15 increase in base rates is necessary for Big Sandy's financial health. Big Sandy's
16 revenue deficiency, based on a target TIER of 2.00, is \$3,458,483 or an increase of
17 13 percent, spread across most of Big Sandy's rate classes. Due to rate rounding,
18 Big Sandy is requesting an increase of \$3,457,157. This increase is necessary to
19 meet the financial obligations described in the company witness testimony. The
20 proposed rates are designed to produce revenues that achieve the revenue
21 requirement. In particular, the increase in customer charges is needed to keep
22 moving the rate structure towards cost-based rates, in order to reduce the revenue
23 erosion that results from having too great a portion of utility fixed cost recovery

1 embedded in the variable charge. The Commission has recognized in recent orders
2 that for an electric cooperative that is strictly a distribution utility, there is a need
3 for a means to guard against the revenue erosion that often occurs due to the
4 decrease in sales volumes that accompanies poor regional economics, changes in
5 weather patterns, and the implementation or expansion of demand-side
6 management and energy-efficiency programs. For Big Sandy at this juncture, this
7 is the case. The proposed rates are just and reasonable and should be approved as
8 filed.

9 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

10 A. Yes, it does.

Exhibit JW-1 Qualifications of John Wolfram

JOHN WOLFRAM

Summary of Qualifications

Provides consulting services to electric utilities regarding utility rate and regulatory filings, cost of service studies, wholesale and retail rate designs, tariffs and special contracts, formula rates, energy policy, and other matters.

Employment

<u>CATALYST CONSULTING LLC</u> Principal	June 2012 – Present
<u>THE PRIME GROUP, LLC</u> Senior Consultant	March 2010 – May 2012
<u>LG&E and KU, Louisville, KY</u> (Louisville Gas & Electric Company and Kentucky Utilities Company) Director, Customer Service & Marketing (2006 - 2010) Manager, Regulatory Affairs (2001 - 2006) Lead Planning Engineer, Generation Planning (1998 - 2001) Power Trader, LG&E Energy Marketing (1997 - 1998)	1997 - 2010
<u>PJM INTERCONNECTION, LLC, Norristown, PA</u> Project Lead – PJM OASIS Project Chair, Data Management Working Group	1990 - 1993; 1994 - 1997
<u>CINCINNATI GAS & ELECTRIC COMPANY, Cincinnati, OH</u> Electrical Engineer - Energy Management System	1993 - 1994

Education

Bachelor of Science Degree in Electrical Engineering, University of Notre Dame, 1990
Master of Science Degree in Electrical Engineering, Drexel University, 1997
Leadership Louisville, 2006

Associations

Senior Member, Institute of Electrical and Electronics Engineers (“IEEE”) & Power Engineering Society

Articles

“FERC Formula Rate Resurgence” *Public Utilities Fortnightly*, Vol. 158, No. 9, July 2020, 34-37.

“Economic Development Rates: Public Service or Piracy?” *IAEE Energy Forum*, International Association for Energy Economics, 2016 Q1 (January 2016), 17-20.

Presentations

“Aligning Rates with the Modern Grid” presented to APPA Business & Financial Conference, Sep 2024.

“Cooperative Rate Cases” presented to Kentucky Electric Cooperatives Fall Managers’ Meeting, Oct. 2023.

“New Developments in Kentucky Rate Filings” presented to Electric Cooperatives Accountants' Association Summer Meeting, Jun. 2022.

“Avoiding Shock: Communicating Rate Changes” presented to APPA Business & Financial Conference, Sep. 2020.

“Revisiting Rate Design Strategies” presented to APPA Public Power Forward Summit, Nov. 2019.

“Utility Rates at the Crossroads” presented to APPA Business & Financial Conference, Sep. 2019.

“New Developments in Kentucky Rate Filings” presented to Electric Cooperatives Accountants' Association Summer Meeting, Jun. 2019.

“Electric Rates: New Approaches to Ratemaking” presented to CFC Statewide Workshop for Directors, Jan. 2019.

“The Great Rate Debate: Residential Demand Rates” presented to CFC Forum, Jun. 2018.

“Benefits of Cost of Service Studies” presented to Tri-State Electric Cooperatives Accountants' Association Spring Meeting, Apr. 2017.

“Proper Design of Utility Rate Incentives” presented to APPA/Area Development's Public Power Consultants Forum, Mar. 2017.

“Utility Hot Topics and Economic Development” presented to APPA/Area Development's Public Power Consultants Forum, Mar. 2017.

“Emerging Rate Designs” presented to CFC Independent Borrowers Executive Summit, Nov. 2016.

“Optimizing Economic Development” presented to Grand River Dam Authority Municipal Customer Annual Meeting, Sept. 2016.

“Tomorrow's Electric Rate Designs, Today” presented to CFC Forum, Jun. 2016.

“Reviewing Rate Class Composition to Support Sound Rate Design” presented to EEI Rate and Regulatory Analysts Group Meeting, May 2016.

“Taking Public Power Economic Development to the Next Level” presented to APPA/Area Development's Public Power Consultants Forum, Mar. 2016.

“Ratemaking for Environmental Compliance Plans” presented to NARUC Staff Subcommittee on Accounting and Finance Fall Conference, Sep. 2015.

“Top Utility Strategies for Successful Attraction, Retention & Expansion” presented to APPA/Area Development's Public Power Consultants Forum, Mar. 2015.

“Economic Development and Load Retention Rates” presented to NARUC Staff Subcommittee on Accounting and Finance Fall Conference, Sep. 2013.

Expert Witness Testimony & Proceedings

FERC

Submitted direct testimony for Black Hills Colorado Electric, LLC in FERC Docket No. ER22-2185 regarding a proposed Transmission Formula Rate.

Submitted testimony for Evergy Kansas Central, Inc. and Evergy Generating, Inc. in FERC Docket Nos. ER22-1974-000, ER22-1975-000 and ER22-1976-000 regarding revised capital structures under transmission and generation formula rates.

Submitted affidavit for Constellation Mystic Power, LLC in FERC Docket No. ER18-1639-000 in response to arguments raised in formal challenges to an informational filing required for a cost-of-service rate for the operation of power plants in ISO New England.

Submitted direct testimony for El Paso Electric Company in FERC Docket No. ER22-282 regarding a proposed Transmission Formula Rate.

Submitted direct testimony for TransCanyon Western Development, LLC in FERC Docket No. ER21-1065 regarding a proposed Transmission Formula Rate.

Submitted direct testimony for Cleco Power LLC in FERC Docket No. ER21-370 regarding a proposed rate schedule for Blackstart Service under Schedule 33 of the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff.

Submitted direct testimony for Constellation Mystic Power, LLC in FERC Docket No. ER18-1639-005 supporting a compliance filing for a cost-of-service rate for compensation for the continued operation of power plants in ISO New England.

Submitted direct testimony for DATC Path 15, LLC in FERC Docket No. ER20-1006 regarding a proposed wholesale transmission rate.

Submitted direct testimony for Tucson Electric Power Company in FERC Docket No. ER19-2019 regarding a proposed Transmission Formula Rate.

Submitted direct testimony for Cheyenne Light, Fuel & Power Company in FERC Docket No. ER19-697 regarding a proposed Transmission Formula Rate.

Supported Kansas City Power & Light in FERC Docket No. ER19-1861-000 regarding revisions to fixed depreciation rates in the KCP&L SPP Transmission Formula Rate.

Supported Westar Energy and Kansas Gas & Electric Company in FERC Docket No. ER19-269-000 regarding revisions to fixed depreciation rates in the Westar SPP Transmission Formula Rate.

Submitted direct testimony for Midwest Power Transmission Arkansas, LLC in FERC Docket No. ER15-2236 regarding a proposed Transmission Formula Rate.

Submitted direct testimony for Kanstar Transmission, LLC in FERC Docket No. ER15-2237 regarding a proposed Transmission Formula Rate.

Supported Westar Energy and Kansas Gas & Electric Company in FERC Docket Nos. FA15-9-000 and FA15-15-000 regarding an Audit of Compliance with Rates, Terms and Conditions of Westar's Open Access Transmission Tariff and Formula Rates, Accounting Requirements of the Uniform System of Accounts, and Reporting Requirements of the FERC Form No. 1.

Submitted direct testimony for Westar Energy in FERC Docket Nos. ER14-804 and ER14-805 regarding proposed revisions to a Generation Formula Rate.

Supported Intermountain Rural Electric Association and Tri-State G&T in FERC Docket No. ER12-1589 regarding revisions to Public Service of Colorado's Transmission Formula Rate.

Supported Intermountain Rural Electric Association in FERC Docket No. ER11-2853 regarding revisions to Public Service of Colorado's Production Formula Rate.

Supported Kansas Gas & Electric Company in FERC Docket No. FA14-3-000 regarding an Audit of Compliance with Nuclear Plant Decommissioning Trust Fund Regulations and Accounting Practices.

Supported LG&E Energy LLC in FERC Docket No. PA05-9-000 regarding an Audit of Code of Conduct, Standards of Conduct, Market-Based Rate Tariff, and MISO's Open Access Transmission Tariff at LG&E Energy LLC.

Submitted remarks and served on expert panel in FERC Docket No. RM01-10-000 on May 21, 2002 in Standards of Conduct for Transmission Providers staff conference, regarding proposed rulemaking on the functional separation of wholesale transmission and bundled sales functions for electric utilities.

Kansas

Submitted direct and rebuttal testimony for Evergy Metro, Inc. in Docket No. 23-EKCE-775-RTS regarding a jurisdictional cost allocation in a retail rate case.

Submitted report for Westar Energy, Inc. in Docket No. 21-WCNE-103-GIE regarding plans and options for funding the decommissioning trust fund, depreciation expenses, and overall cost recovery in the event of premature closing of the Wolf Creek nuclear plant.

Submitted direct and rebuttal testimony for Westar Energy, Inc. in Docket No. 18-WSEE-328-RTS regarding overall rate design, prior rate case settlement commitments, lighting tariffs, an Electric Transit rate schedule, Electric Vehicle charging tariffs, and tariff general terms and conditions.

Submitted direct and rebuttal testimony for Westar Energy, Inc. in Docket No. 18-KG&E-303-CON regarding the Evaluation, Measurement and Verification ("EM&V") of an energy efficiency demand response program offered pursuant to a large industrial customer special contract.

Submitted report for Westar Energy, Inc. in Docket No. 18-WCNE-107-GIE regarding plans and options for funding the decommissioning trust fund, depreciation expenses, and overall cost recovery in the event of premature closing of the Wolf Creek nuclear plant.

Submitted direct and rebuttal testimony for Westar Energy, Inc. in Docket No. 15-WSEE-115-RTS regarding rate designs for large customer classes, establishment of a balancing account related to new rate options, establishment of a tracking mechanism for costs related to compliance with mandated cyber and physical security standards, other rate design issues, and revenue allocation.

Kentucky

Submitted direct testimony and responses to data requests on behalf of Licking Valley R.E.C.C. in Case No. 2024-00211 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony, rebuttal testimony, and responses to data requests on behalf of Jackson Purchase Energy Corporation in Case No. 2024-00085 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Adopted direct testimony on behalf of Kentucky Power Company in Case No. 2023-00159 regarding the zero intercept analysis in a base rate case.

Submitted responses to data requests on behalf of Big Rivers Electric Corporation and Kenergy Corp. in Case No. 2023-00312 regarding a Large Industrial Customer Standby Service Tariff.

Submitted direct testimony on behalf of Big Sandy R.E.C.C. in Case No. 2023-00285 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony, rebuttal testimony, and responses to data requests on behalf of Kenergy Corp. in Case No. 2023-00276 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony, rebuttal testimony, and responses to data requests on behalf of Fleming-Mason Energy Corporation in Case No. 2023-00223 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony and responses to data requests on behalf of Shelby Energy Cooperative in Case No. 2023-00213 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony and responses to data requests on behalf of Farmers RECC in Case No. 2023-00158 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony, rebuttal testimony, and responses to data requests on behalf of Taylor County RECC in Case No. 2023-00147 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted tariff worksheets and responses to data requests on behalf of sixteen distribution cooperative owner-members of East Kentucky Power Cooperative in Case No. 2023-00135 regarding rate design for the pass-through of an approved wholesale earning mechanism bill credit.

Submitted direct testimony and responses to data requests on behalf of Big Rivers Electric Corporation in Case No. 2023-00102 regarding a Qualifying Facilities tariff.

Submitted direct testimony on behalf of Big Rivers Electric Corporation and Kenergy Corp. in Case No. 2023-00045 regarding a marginal cost of service study in support of an economic development rate for a special contract.

Submitted direct and rebuttal testimony and responses to data requests on behalf of Jackson Purchase Energy Corporation in Case No. 2021-00358 regarding revenue requirements, adjustments, cost of service and rate design in a base rate case.

Submitted direct and rebuttal testimony and responses to data requests on behalf of Big Rivers Electric Corporation in Case No. 2021-00289 regarding a Large Industrial Customer Standby Service Tariff.

Submitted direct testimony on behalf of Big Rivers Electric Corporation and Jackson Purchase Energy Corporation in Case No. 2021-00282 regarding a marginal cost of service study in support of an economic development rate for a special contract.

Submitted direct testimony, responses to data requests, and rebuttal testimony on behalf of sixteen distribution cooperative owner-members of East Kentucky Power Cooperative in Case Nos. 2021-00104 through 2021-00119 regarding rate design for the pass-through of a proposed wholesale rate revision.

Submitted direct testimony and responses to data requests on behalf of Kenergy Corp. in Case No. 2021-00066 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony on behalf of Big Rivers Electric Corporation in Case No. 2021-00061 regarding two cost of service studies in a review of the Member Rate Stability Mechanism Charge for calendar year 2020.

Submitted direct testimony and responses to data requests on behalf of Licking Valley R.E.C.C. in Case No. 2020-00338 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and responses to data requests on behalf of Cumberland Valley Electric in Case No. 2020-00264 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and responses to data requests on behalf of Taylor County R.E.C.C. in Case No. 2020-00278 regarding the cost support and tariff changes for the implementation of a Prepay Metering Program.

Submitted direct testimony and responses to data requests on behalf of Meade County R.E.C.C. in Case No. 2020-00131 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and responses to data requests on behalf of Clark Energy Cooperative in Case No. 2020-00104 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and responses to data requests on behalf of Big Rivers Electric Corporation in Case No. 2019-00435 regarding an Environmental Compliance Plan and Environmental Surcharge rate mechanism.

Submitted direct testimony and responses to data requests on behalf of Jackson Energy Cooperative in Case No. 2019-00066 regarding revenue requirements, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and responses to data requests on behalf of Jackson Purchase Energy Corporation in Case No. 2019-00053 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a streamlined rate case.

Submitted direct testimony and data request responses on behalf of Big Rivers Electric Corporation in Case No. 2018-00146 regarding ratemaking issues associated with the anticipated termination of contracts regarding the operation of an electric generating plant owned by the City of Henderson, Kentucky.

Submitted direct testimony on behalf of fifteen distribution cooperative owner-members of East Kentucky Power Cooperative in Case No. 2018-00050 regarding the economic evaluation of and potential cost shift resulting from a proposed member purchased power agreement.

Submitted direct testimony on behalf of Big Sandy R.E.C.C. in Case No. 2017-00374 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a base rate case.

Submitted direct testimony on behalf of Progress Metal Reclamation Company in Kentucky Power Company Case No. 2017-00179 regarding the potential implementation of a Load Retention Rate or revisions to an Economic Development Rate.

Submitted direct testimony on behalf of Kenergy Corp. and Big Rivers Electric Corporation in Case No. 2016-00117 regarding a marginal cost of service study in support of an economic development rate for a special contracts customer.

Submitted rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2014-00134 regarding ratemaking treatment of revenues associated with proposed wholesale market-based-rate purchased power agreements with entities in Nebraska.

Submitted direct and rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2013-00199 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a base rate case.

Submitted direct and rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2012-00535 regarding revenue requirements, pro forma adjustments, cost of service and rate design in a base rate case.

Submitted direct and rebuttal testimony on behalf of Big Rivers Electric Corporation in Case No. 2012-00063 regarding an Environmental Compliance Plan and Environmental Surcharge rate mechanism.

Submitted direct, rebuttal, and rehearing direct testimony on behalf of Big Rivers Electric Corporation in Case No. 2011-00036 regarding revenue requirements and pro forma adjustments in a base rate case.

Submitted direct testimony for Louisville Gas & Electric Company in Case No. 2009-00549 and for Kentucky Utilities Company in Case No. 2009-00548 for adjustment of electric and gas base rates, in support of a new service offering for Low Emission Vehicles, revised special charges, and company offerings aimed at assisting customers.

Submitted discovery responses for Kentucky Utilities and/or Louisville Gas & Electric Company in various customer inquiry matters, including Case Nos. 2009-00421, 2009-00312, and 2009-00364.

Submitted discovery responses for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2008-00148 regarding the 2008 Joint Integrated Resource Plan.

Submitted discovery responses for Louisville Gas & Electric Company and Kentucky Utilities Company in Administrative Case No. 2007-00477 regarding an investigation of the energy and regulatory issues in Kentucky's 2007 Energy Act.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2007-00319 for the review, modification, and continuation of Energy Efficiency Programs and DSM Cost Recovery Mechanisms.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2007-00067 for approval of a proposed Green Energy program and associated tariff riders.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2005-00467 and 2005-00472 regarding a Certificate of Public Convenience and Necessity for the construction of transmission facilities.

Submitted discovery responses for Kentucky Utilities in Case No. 2005-00405 regarding the transfer of a utility hydroelectric power plant to a private developer.

Submitted discovery responses for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2005-00162 for the 2005 Joint Integrated Resource Plan.

Presented company position for Louisville Gas & Electric Company and Kentucky Utilities Company at public meetings held in Case Nos. 2005-00142 and 2005-00154 regarding routes for proposed transmission lines.

Supported Louisville Gas & Electric Company and Kentucky Utilities Company in a Focused Management Audit of Fuel Procurement practices by Liberty Consulting in 2004.

Supported Louisville Gas & Electric Company and Kentucky Utilities Company in an Investigation into their Membership in the Midwest Independent Transmission System Operator, Inc. ("MISO") in Case No. 2003-00266.

Supported Louisville Gas & Electric Company and Kentucky Utilities Company in a Focused Management Audit of its Earning Sharing Mechanism by Barrington-Wellesley Group in 2002-2003.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2002-00381 regarding a Certificate of Public Convenience and Necessity for the acquisition of four combustion turbines.

Submitted direct testimony for Louisville Gas & Electric Company and Kentucky Utilities Company in Case No. 2002-00029 regarding a Certificate of Public Convenience and Necessity for the acquisition of two combustion turbines.

Missouri

Submitted direct, rebuttal and surrebuttal testimony for Evergy Metro, Inc. in Case No. ER-2022-0130 regarding a jurisdictional cost allocation analysis in a retail rate case.

Virginia

Submitted direct testimony for Kentucky Utilities Company d/b/a Old Dominion Power in Case No. PUE-2002-00570 regarding a Certificate of Public Convenience and Necessity for the acquisition of four combustion turbines.

Exhibit JW-2 Revenue Requirements & Pro Forma Adjustments

BIG SANDY RECC
Statement of Operations & Revenue Requirement
For the 12 Months Ended December 31, 2023

Line #	Description (1)	Actual Rates Actual Test Yr (2)	Pro Forma Adjustment (3)	Present Rates Adj Test Yr (4)	Proposed Rates Adj Test Yr (6)
1	<u>Operating Revenues</u>				
2	Total Sales of Electric Energy	25,671,962	(4,932,637)	20,739,325	24,197,808
3	Other Electric Revenue	890,207		890,207	890,207
4	Total Operating Revenue	26,562,169	(4,932,637)	21,629,532	25,088,015
5					
6	<u>Operating Expenses:</u>				
7	Purchased Power	17,827,633	(4,641,296)	13,186,337	13,186,337
8	Distribution Operations	1,371,665	-	1,371,665	1,371,665
9	Distribution Maintenance	2,426,456	698,996	3,125,452	3,125,452
10	Customer Accounts	1,114,800	-	1,114,800	1,114,800
11	Customer Service	126,436	-	126,436	126,436
12	Sales Expense	39	-	39	39
13	A&G	1,607,355	100,762	1,708,117	1,708,117
14	Total O&M Expense	24,474,384	(3,841,539)	20,632,845	20,632,845
15					
16	Depreciation	2,629,280	376,017	3,005,297	3,005,297
17	Taxes - Other	25,966		25,966	25,966
18	Interest on LTD	778,919	119,118	898,037	898,037
19	Interest - Other	176,158		176,158	176,158
20	Other Deductions	14,010		14,010	14,010
21					
22	Total Cost of Electric Service	28,098,717	(3,346,403)	24,752,314	24,752,314
23					
24	Utility Operating Margins	(1,536,548)	(1,586,234)	(3,122,782)	335,701
25					
26	Non-Operating Margins - Interest	297,572		297,572	297,572
26a	Income(Loss) from Equity Investments	-		-	-
27	Non-Operating Margins - Other	141,740		141,740	141,740
28	G&T Capital Credits	412,311	(412,311)	-	-
29	Other Capital Credits	123,024		123,024	123,024
30					
31	Net Margins	(561,901)	(1,998,545)	(2,560,446)	898,037
32					
33	Cash Receipts from Lenders	46,904		46,904	46,904
34	OTIER	(0.91)		(2.43)	1.43
35	TIER	0.28		(1.85)	2.00
36	TIER excluding GTCC	(0.25)		(1.85)	2.00
37					
38	Target TIER	2.00		2.00	2.00
39	Margins at Target TIER	778,919		898,037	898,037
40	Revenue Requirement at Target TIER	28,877,636		25,650,351	25,650,351
41	Revenue Deficiency at Target TIER	1,340,820		3,458,483	(0)
42	Variance from Target TIER			(3.85)	-
43					
44	Potential Increase				3,458,483
45	Potential Increase				13.5%

BIG SANDY RECC
Summary of Pro Forma Adjustments

Reference Schedule #	Item (1)	Revenue (2)	Expense (3)	Non- Operating Income (4)	Net Margin (5)
1.01	Fuel Adjustment Clause	(2,344,584)	(2,151,171)		(193,413)
1.02	Environmental Surcharge	(2,508,036)	(2,424,057)		(83,979)
1.03	Depreciation Expense		376,017		(376,017)
1.04	G&T Capital Credits			(412,311)	(412,311)
1.05	Year-End Customers	(80,017)	(66,068)		(13,948)
1.06	Rate Case Expenses		25,333		(25,333)
1.07	Donations & Promotional Advertising		(15,038)		15,038
1.08	Professional Services		(54,567)		54,567
1.09	Directors Fees		(12,309)		12,309
1.10	Wages & Salaries		170,101		(170,101)
1.11	Life Insurance		(12,759)		12,759
1.12	Right of Way		698,996		(698,996)
1.13	Interest on LTD		119,118		(119,118)
	Total	(4,932,637)	(3,346,403)	(412,311)	(1,998,545)

BIG SANDY RECC
Summary of Adjustments to Test Year Balance Sheet

Line #	Description (1)	Actual Test Yr (2)	Pro Forma Adjs (3)	Pro Forma Test Yr (4)
1	Assets and Other Debits			
2	Total Utility Plant in Service	63,219,157	-	63,219,157
3	Construction Work in Progress	643,916	-	643,916
4	Total Utility Plant	63,863,073	-	63,863,073
5	Accum Provision for Depr and Amort	(29,195,295)	-	(29,195,295)
6	Net Utility Plant	34,667,778	-	34,667,778
7	Investment in Subsidiary Companies	2,928		
8	Investment in Assoc Org - Patr Capital	18,672,802	-	18,672,802
9	Investment in Assoc Org - Other Gen Fnd	2,305	-	2,305
10	Investment in Assoc Org - Non Gen Fnd	5,784,921	-	5,784,921
11	Other Investment	500	-	500
12	Total Other Prop & Investments	24,463,456	-	24,460,528
13				
14	Cash - General Funds	495,915	-	495,915
15	Cash - Construction Fund Trust	3,182	-	3,182
16	Special Deposits	120	-	120
17	Notes Receivable (Net)	2,557,249	-	2,557,249
18	Accts Receivable - Sales Energy (Net)	-	-	-
19	Accts Receivable - Other (Net)	949,991	-	949,991
20	Renewable Energy Credits	-	-	-
21	Material & Supplies - Elec & Other	621,849	-	621,849
22	Prepayments	14,705	-	14,705
23	Other Current & Accr Assets	55,219	-	55,219
24	Total Current & Accr Assets	4,698,230	-	4,698,230
25				
26	Other Regulatory Assets	-	-	-
27	Other Deferred Debits	787,425	-	787,425
28				
29	Total Assets & Other Debits	64,616,889	-	64,613,961
30				
31	Liabilities & Other Credits			
32	Memberships	225,630	-	225,630
33	Patronage Capital	29,998,114	-	29,998,114
34	Operating Margins	(200,265)	-	(200,265)
35	Non-Operating Margins	(83,742)	-	(83,742)
36	Other Margins & Equities	438,832	-	438,832
37	Total Margins & Equities	30,378,569	-	30,378,569
38				
39	Long Term Debt - RUS (Net)	5,682,277	-	5,682,277
40	Long Term Debt - FFB - RUS GUAR	17,539,381	-	17,539,381
41	Long Term Debt - Other - RUS GUAR	-	-	-
42	Long Term Debt - Other (Net)	4,631,695	-	4,631,695
43	Long Term Debt - RUS -Econ Dev - Net	-	-	-
44	Total Long Term Debt	27,853,353	-	27,853,353
45				
46	Accum Operating Provisions	2,740,362	-	2,740,362
47				
48	Notes Payable	-	-	-
49	Accounts Payable	2,412,640	-	2,412,640
50	Consumer Deposits	748,805	-	748,805
51	Current Maturities LTD	-	-	-
52	Other Current & Accr Liabilities	471,495	-	471,495
53	Total Current & Accr Liabilities	3,632,940	-	3,632,940
54				
55	Regulatory Liabilities	-	-	-
56	Other Deferred Credits	11,665	-	11,665
57	Total Liabilities & Other Credits	64,616,889	-	64,616,889

BIG SANDY RECC
Summary of Adjustments to Test Year Statement of Operations

Reference Schedule	>	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	
Item	>	Fuel Adjustment Clause	Environmental Surcharge	Depreciation Expense	G&T Capital Credits	Year-End Customers	Rate Case Expenses	Donations & Promotional Advertising	Professional Services	Directors Fees	Wages & Salaries	Life Insurance	Right of Way	Interest on LTD	TOTAL
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
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30															
31															
32															
33															
34															
35															

**BIG SANDY RECC
For the 12 Months Ended December 31, 2023**

Fuel Adjustment Clause

Line #	Year (1)	Month (2)	Revenue (3)	Expense (4)
1	2023	Jan	\$ 263,598	\$ 499,326
2	2023	Feb	\$ 452,640	\$ 208,537
3	2023	Mar	\$ 320,169	\$ 166,197
4	2023	Apr	\$ 112,652	\$ 134,245
5	2023	May	\$ 175,893	\$ 156,408
6	2023	Jun	\$ 170,734	\$ 67,450
7	2023	Jul	\$ 69,430	\$ 128,502
8	2023	Aug	\$ 106,036	\$ 196,093
9	2023	Sep	\$ 165,712	\$ 149,132
10	2023	Oct	\$ 173,577	\$ 154,355
11	2023	Nov	\$ 232,972	\$ 151,328
12	2023	Dec	\$ 101,173	\$ 139,598
13		TOTAL	\$ 2,344,584	\$ 2,151,171
14				
15		Test Year Amount	\$ 2,344,584	\$ 2,151,171
16				
17		Pro Forma Year Amount	\$ -	\$ -
18				
19		Adjustment	\$ (2,344,584)	\$ (2,151,171)

This adjustment removes the FAC revenues and expenses from the test period.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Environmental Surcharge

Line #	Year (1)	Month (2)	Revenue (3)	Expense (4)
1	2023	Jan	\$ 236,217	\$ 261,046
2	2023	Feb	\$ 145,947	\$ 134,717
3	2023	Mar	\$ 186,035	\$ 168,756
4	2023	Apr	\$ 179,529	\$ 165,826
5	2023	May	\$ 181,302	\$ 166,161
6	2023	Jun	\$ 226,272	\$ 190,023
7	2023	Jul	\$ 258,218	\$ 256,664
8	2023	Aug	\$ 241,498	\$ 256,514
9	2023	Sep	\$ 169,530	\$ 169,193
10	2023	Oct	\$ 161,395	\$ 147,072
11	2023	Nov	\$ 251,233	\$ 246,668
12	2023	Dec	\$ 270,860	\$ 261,417
13		TOTAL	\$ 2,508,036	\$ 2,424,057
14				
15		Test Year Amount	\$ 2,508,036	\$ 2,424,057
16				
17		Pro Forma Year Amount	\$ -	\$ -
18				
19		Adjustment	\$ (2,508,036)	\$ (2,424,057)

This adjustment removes the Environmental Surcharge revenues and expenses from the test period.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Depreciation Expense

Line #	Acct # (1)	Description (2)	Test Yr Ending Bal (3)	Fully Depr Items (4)	Rate (5)	Normalized Expense (6)	Test Year Expense (7)	Pro Forma Adj (8)
1		<u>Distribution Plant</u>						
2	362	Station equipment	489,306	-	6.67%	32,637		
3	364	Poles, towers & fixtures	18,338,033	-	4.75%	871,057		
4	365	Overhead conductors & devices	15,168,059	-	4.54%	688,630		
5	366	Underground conduit	846,388	-	3.91%	33,094		
6	367	Underground conductor & devices	410,300	-	2.78%	11,406		
7	368	Line transformers	6,985,854	-	2.33%	162,770		
8	369	Services	6,310,523	-	4.97%	313,633		
9	370	Meters	3,817,131	-	6.67%	254,603		
10	371	Installations on customer premises	3,811,193	-	6.35%	242,011		
11		Subtotal	56,176,787	-		2,609,840	2,508,464	101,376
12								
13		<u>General Plant</u>						
14	389	Land						
15	390	Structures and improvements	3,205,150	-	2.50%	80,129		
16	391	Office furn and eqt	605,318	-	6.00%	36,319		
17	393	Stores	-	-	5.00%	-		
18	394	Tools, shop and garage	88,005	-	5.00%	4,400		
19	395	Laboratory	193,128	-	5.00%	9,656		
20	396	Power operated	39,197	-	14.00%	5,488		
21	397	Communications	105,264	-	7.00%	7,368		
22	398	Miscellaneous	79,182	-	5.00%	3,959		
23		Subtotal	4,315,244	-		147,320	120,816	26,504
		Distribution & General Subtotal	60,492,031	-		2,757,160	2,629,280	127,880
24								
25		<u>Transportation Charged to Clearing</u>						
26	392	Transportation	2,315,565	-	19.20%	444,589	196,451	\$ 248,138
27								
28		TOTAL	62,807,596	-		3,201,748	2,825,731	376,017

This adjustment normalizes depreciation expenses by replacing test year actual expenses with test year end balances (less any fully depreciated items) at approved depreciation rates.

<u>Allocation of Clearing to O&M</u>	<u>Alloc</u>	<u>Depr \$</u>
Operations	13.89%	\$ 34,465
Maintenance	19.27%	\$ 47,813
Consumer Accounts	11.48%	\$ 28,492
Customer Service	1.84%	\$ 4,569
Administrative & General	20.96%	\$ 52,009
Subtotal	67.4%	\$ 167,349
CWIP & RWIP	25.0%	\$ 61,946
Other	7.6%	\$ 18,843
Subtotal	32.6%	\$ 80,789
Total	100.0%	\$ 248,138

**BIG SANDY RECC
For the 12 Months Ended December 31, 2023**

G&T Capital Credits

Line #	Item (1)	Expense (2)
1	Test Year Amount	\$ 412,311
2		
3	Pro Forma Year Amount	\$ -
4		
5	<u>Adjustment</u>	<u>\$ (412,311)</u>

This adjustment removes the G&T Capital Credits from the test period, consistent with Commission practice.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Year-End Customers

Line #	Year (1)	Month (2)	Sched A-1 (3)	Sched A-2 (4)	Sched LP (5)	Sched LPR (6)	Total (7)
1	2022	Jan	11,584	875	160	9	
2	2022	Feb	11,556	875	160	9	
3	2022	Mar	11,572	872	159	9	
4	2022	Apr	11,654	874	159	9	
5	2022	May	11,664	878	160	9	
6	2022	Jun	11,547	870	159	9	
7	2022	Jul	11,556	872	161	8	
8	2022	Aug	11,564	872	161	8	
9	2022	Sep	11,686	877	161	8	
10	2022	Oct	11,561	873	161	8	
11	2022	Nov	11,584	872	161	8	
12	2022	Dec	11,595	871	161	8	
13	Average		11,594	873	160	9	
14							
15	End of Period Increase over Avg		1	(2)	1	(1)	
16							
17	Total kWh		142,863,015	8,504,773	22,805,417	10,505,980	
18	Average kWh		12,322	9,742	142,534	1,167,331	
19	Year-End kWh Adjustment		12,322	(19,484)	142,534	(1,167,331)	(1,031,959)
20							
21	Revenue Adjustment						
22	Current Base Rate Revenue		\$ 15,735,700	\$ 1,120,481	\$ 1,946,606	\$ 818,758	
23	Average Revenue per kWh		\$ 0.11015	\$ 0.13175	\$ 0.08536	\$ 0.07793	
24	Year End Revenue Adj		\$ 1,357	\$ (2,567)	\$ 12,166	\$ (90,973)	(80,017)
25							
26	Expense Adjustment						
27	Avg Adj Purchase Exp per kWh		0.06402	0.06402	0.06402	0.06402	
28	Year End Expense Adj		\$ 789	\$ (1,247)	\$ 9,125	\$ (74,735)	(66,068)
29							
30							
31			Revenue		Expense		Net Rev
32	Test Year Amount		\$ -	\$ -			\$ -
33							
34	Pro Forma Year Amount		\$ (80,017)	\$ (66,068)			\$ (13,948)
35							
36	Adjustment		\$ (80,017)	\$ (66,068)			\$ (13,948)
37							
38							
39	For Expense Adjustment:		Test Period Total				
40	Total Purchased Power Expense		\$ 17,827,633				
41	Less Fuel Adjustment Clause		\$ (2,151,171)				
42	Less Environmental Surcharge		\$ (2,424,057)				
43	Less DLC & Green Power Charges		\$ 13,758				
44	Adjusted Purchased Power Expense		\$ 13,266,163				
45	Total Purchased Power kWh		207,211,745				

This adjustment adjusts the test year expenses and revenues to reflect the number of customers at the end of the test year.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Rate Case Expenses

Line #	Item (1)	Expense (2)
1	Legal - Honaker Law Office	\$ 50,000
2	Consulting - Catalyst Consulting LLC	\$ 20,000
3	Advertising	\$ 5,000
4	Supplies / Misc	\$ 1,000
5	Subtotal	\$ 76,000
6		
7	Total Amount	\$ 76,000
8	Amortization Period (Years)	\$ 3
9	Annual Amortization Amount	\$ 25,333
10		
11	Test Year Amount	\$ -
12		
13	Pro Forma Year Amount	\$ 25,333
14		
15	Adjustment	\$ 25,333

This adjustment estimates the rate case costs amortized over a 3 year period, consistent with standard Commission practice.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Donations & Promotional Advertising

<u>Line #</u>	<u>Item (1)</u>	<u>Account (2)</u>	<u>Expense (4)</u>
1	Donations	426.10 \$	14,010
2	Advertising Expense	913.00 \$	40
3	General Advertising Expense	930.10 \$	988
4			
5	Test Year Amount	\$	15,038
6			
7	Pro Forma Year Amount	\$	-
8			
9	Adjustment	\$	(15,038)

This adjustment removes charitable donations, promotional advertising expenses, and dues from the revenue requirement consistent with standard Commission practices.

**BIG SANDY RECC
For the 12 Months Ended July 31, 2016**

Professional Services

#	<u>Item</u>	<u>Amount</u>
1	Test Year Amount	\$ 62,451
2		
3	Items to Remove:	
4		
5	Total 2023 Rate Case Catalyst Consulting	\$ 13,740
6	Total 2023 Rate Case Honaker Law Office	\$ 40,539
10	11/19/2023 MIKE'S ATTN Y XMAS GIFT CARD 1320	\$ 207
10	12/19/2023 ATTY-MIKE JACKET 1320	\$ 81
11	Subtotal	\$ 54,567
12		
13	Adjustment	\$ (54,567)

This adjustment removes certain outside professional services costs from the test period, consistent with Commission practice.

BIG SANDY RECC
For the 12 Months Ended July 31, 2016

Directors Fees

#	<u>Item</u>		<u>Amount</u>
1	Test Year Amount	\$	62,451
2			
3	Items to Remove:		
4			
5	3/5/2023 NRECA ANNUAL TECH MEETING	1030 \$	1,216
6	3/5/2024 NRECA ANNUAL TECH MEETING	1030 \$	1,211
7	6/13/2023 EKPC ANNUAL MEETING	1030 \$	300
8	8/6/2023 KEC ANNUAL MEETING	1030 \$	900
9	8/6/2023 KEC ANNUAL MEETING	1030 \$	900
10	8/6/2023 KEC ANNUAL MEETING PER DIEM	1030 \$	900
11	10/8/2023 EKPC & NRECA REGIONAL MEETING	1030 \$	1,200
12	10/10/2023 NRECA REGIONAL MEETING	1030 \$	1,200
13	8/6/2023 KEC ANNUAL MEETING (MILEAGE)	1037 \$	26
14	8/6/2023 KEC ANNUAL MEETING (MILEAGE)	1037 \$	16
15	8/6/2023 KEC ANNUAL MEETING (MILEAGE)	1037 \$	11
16	1/19/2023 DANNY AWALLEN NRECA MEET	1033 \$	990
17	1/19/2023 GARY FRANCIS NRECA MEET	1033 \$	990
18	11/13/2023 DIRECTORS FOOD CITY GIFT CARD	1039 \$	428
19	11/19/2023 6 DIRECTORS GIFTS	1039 \$	1,248
20	11/19/2023 VELMA XMAS GIFT CARD	1039 \$	207
21	12/19/2023 BOD JACKETS	\$	568
22			
23	Subtotal	\$	12,309
24			
25	Adjustment	\$	(12,309)

This adjustment removes certain Director expenses, including directors' per diems, Christmas gifts, certain directors attending EKPC / KAEC / NRECA annual meeting(s). Expenses that are not removed for rate-making purposes include costs of Liability Insurance that protects the directors for decisions they make on a routine basis.

**BIG SANDY RECC
For the 12 Months Ended December 31, 2022**

Wages & Salaries

Line #	Employee			Hours Worked			Actual Test Year Wages					Current Wage Rate (12)	Pro Forma Wages at 2,080 Hours					Pro Forma Adjustment (18)
	Count (1)	ID (2)	Note (3)	Regular (4)	Overtime (5)	Vac P.Out (6)	Regular (7)	Overtime (8)	Vac P.Out (9)	Other (10)	Total (11)		Regular (13)	Overtime (14)	Vac P.Out (15)	Other (16)	Total (17)	
Salary Employees																		
1	1	S01		2,080.00	-			-	-	1,200	1,200	\$ 59.62	124,010				124,010	\$ 122,810
2	1	S02		2,080.00	37.50		102,898	2,783		1,200	106,880	\$ 49.47	102,898				102,898	\$ (3,983)
3	1	S03		2,117.50			95,817		-	1,200	97,017	\$ 45.25	94,120				94,120	\$ (2,897)
4	1	S05		2,070.00	10.00		88,472	641		1,200	90,313	\$ 42.74	88,899				88,899	\$ (1,414)
5	1	S06		2,080.00	140.50		72,114	7,307		1,200	80,620	\$ 34.67	72,114				72,114	\$ (8,507)
6	1	S09		2,080.00	29.00		79,290	1,658		1,200	82,148	\$ 38.12	79,290				79,290	\$ (2,858)
7	1	S07		2,080.00		-	67,579		-	1,200	68,779	\$ 32.49	67,579				67,579	\$ (1,200)
8	1	S08		2,080.00	49.00	-	60,341	2,132	-	1,200	63,673	\$ 29.01	60,341				60,341	\$ (3,332)
	8	Subtotal		16,667.50	266.00	-	566,510	14,521	-	9,600	590,631		689,250	0	0	0	689,250	\$ 98,619
Hourly Employees																		
9	1	H01		1,580.00	98.50		60,628	5,666	-	1,200	67,494	\$ 38.41	79,893	5,675		1,200	86,768	\$ 19,274
10	1	H02		2,080.00	1,446.00		79,500	82,895		1,200	163,595	\$ 38.25	79,560	82,964		1,200	163,724	\$ 129
11	1	H03		2,080.00	840.00		79,500	48,164		1,200	128,864	\$ 38.25	79,560	48,195		1,200	128,955	\$ 91
12	1	H04		2,081.00	713.00		84,179	43,249		1,200	128,628	\$ 40.48	84,198	43,293		1,200	128,692	\$ 64
13	1	H05		2,065.00	315.00		81,788	18,585		1,200	101,573	\$ 39.35	81,848	18,593		1,200	101,641	\$ 67
14	1	H06		2,082.00	57.50		\$ 77,911	3,230		1,200	82,341	\$ 37.45	77,896	3,230		1,200	82,326	\$ (15)
15	1	H07		2,080.00	134.50		79,833	7,749		1,200	88,782	\$ 38.41	79,893	7,749		1,200	88,842	\$ 60
16	1	H08		2,082.00	139.50		84,199	8,470	-	1,200	93,870	\$ 40.48	84,198	8,470		1,200	93,869	\$ (1)
17	1	H09		2,070.00	122.50		79,069	7,012		1,200	87,281	\$ 38.25	79,560	7,028		1,200	87,788	\$ 507
18	1	H10		1,839.00	192.00		70,282	10,998		1,200	82,480	\$ 38.25	79,560	11,016		1,200	91,776	\$ 9,296
19	1	H11		2,079.00	407.50		79,462	23,346		1,200	104,008	\$ 38.25	79,560	23,380		1,200	104,140	\$ 133
20	1	H12		2,071.00	185.00		78,743	10,529		1,200	90,472	\$ 38.00	79,040	10,545		1,200	90,785	\$ 313
21	1	H13		716.00			25,981			1,200	27,181	\$ 38.00	79,040	0		1,200	80,240	\$ 53,059
22	1	H14		2,078.00	270.50		78,146	15,191		1,200	94,536	\$ 36.48	75,878	14,802		1,200	91,880	\$ (2,656)
23	1	H15		2,082.00	146.50		79,330	8,388		1,200	88,917	\$ 38.00	79,040	8,351		1,200	88,591	\$ (327)
24	1	H16		2,080.00	110.50		76,297	6,085		1,200	83,582	\$ 36.71	76,357	6,085		1,200	83,641	\$ 60
25	1	H17	A							-	\$ -		0	0			0	\$ -
26	1	H18		2,078.00	252.50		69,553	12,682		1,200	83,435	\$ 33.50	69,680	12,688		1,200	83,568	
27	1	H19		2,075.00	348.50		78,694	19,808		1,200	99,702	\$ 38.00	79,040	19,865		1,200	100,105	
28	1	H20		2,072.00	158.00		78,542	9,006		1,200	88,748	\$ 38.00	79,040	9,006		1,200	89,246	\$ 498
29	1	H23		2,080.00	3.50		58,240	147		1,200	59,587	\$ 28.00	58,240	147		1,200	59,587	
30	1	H24		2,080.00	57.50		60,048	2,448		1,200	63,696	\$ 28.85	60,008	2,488		1,200	63,696	
31	1	H25		2,080.00	32.50		65,478	1,535		1,200	68,213	\$ 31.48	65,478	1,535		1,200	68,213	\$ -
32	1	H26		2,080.00	22.50		70,678	1,147		1,200	73,025	\$ 33.98	70,678	1,147		1,200	73,025	\$ (0)
33	1	H27		1,910.50	16.50		43,153	554		1,200	44,907	\$ 22.65	47,112	561		1,200	48,873	\$ 3,966
34	1	H28		2,170.00	40.50		46,197	1,349		1,200	48,746	\$ 22.21	46,197	1,349		1,200	48,746	\$ (0)
35	1	H29		2,080.00	30.50		54,912	1,208		1,200	57,320	\$ 26.40	54,912	1,208		1,200	57,320	\$ -
36	1	H30		2,080.00	19.00		39,811	546		1,200	41,557	\$ 19.14	39,811	545		1,200	41,557	\$ (0)
37	1	H31		2,080.00			40,664			1,200	41,864	\$ 19.55	40,664	0		1,200	41,864	\$ (0)
38	1	H32		2,080.00	1.50		39,291	43		1,200	40,534	\$ 18.89	39,291	43		1,200	40,534	\$ (0)
39	1	H33		2,085.00			36,488			1,200	37,688	\$ 17.50	36,400	0		1,200	37,600	\$ (88)
40	1	H34		2,082.00			32,720			1,200	33,920	\$ 16.00	33,280	0		1,200	34,480	\$ 560
41	1	H35	A							-	\$ -		0	0			0	\$ -
42	1	H36		2,082.00	0.50		33,380	12		1,200	34,592	\$ 16.00	33,280	12		1,200	34,492	\$ (100)
43	1	H37	A							-	\$ -		0	0			0	\$ -
44	1	H38		2,072.00	158.00		78,542	9,006		1,200	88,748							\$ (88,748)
45	1	H39		300.00			9,795			1,200	10,995							\$ (10,995)
	37	Subtotal		66,711.50	6,320.00	-	2,131,032	359,047	-	40,800	2,530,880		2,128,194	349,970	-	38,400	2,516,564	\$ (14,316)

**BIG SANDY RECC
For the 12 Months Ended December 31, 2022**

Wages & Salaries

Line #	Employee			Hours Worked			Actual Test Year Wages					Current Wage Rate (12)	Pro Forma Wages at 2,080 Hours					Pro Forma Adjustment (18)
	Count (1)	ID (2)	Note (3)	Regular (4)	Overtime (5)	Vac P.Out (6)	Regular (7)	Overtime (8)	Vac P.Out (9)	Other (10)	Total (11)		Regular (13)	Overtime (14)	Vac P.Out (15)	Other (16)	Total (17)	
Part Time & Summer Employees																		
46	1	P01		1,069.00	28.00		27,888	1,125		1,200	30,214	26.79	55,723	1,125		1,200	58,048	\$ 27,835
47	1	P03		695.00	61.00		24,057	3,290		1,200	28,548	35.96	74,797	3,290		1,200	79,287	
48	1	P04	A								-	0.00	0	0			0	
49	1	P05		304.50	82.50		30,216	2,228			32,444	18.00	37,440	2,228			39,668	
50	1	P06	A								-	0.00	0	0			0	\$ -
51	1	P07	A								-	0.00	0	0			0	\$ -
	6	Subtotal		2,068.50	171.50	-	82,162	6,643	-	2,400	91,205		167,960	6,643	0	2,400	177,003	\$ 85,798
Retired Employees																		
52	1	R01	A								-	0.00	0	0			0	\$ -
53	1	R02	A								-	0.00	0	0			0	\$ -
	2	Subtotal		-	-	-	-	-	-	-	-		0	0	0	0	0	\$ -
45	TOTAL			85,447.50	6,757.50	-	2,779,704	380,211	-	52,800	3,212,715		2,985,403	356,613	0	40,800	3,382,816	\$ 170,101
Adjustment																	\$ 170,101	

NOTES: A No longer employed B Hired post test year

This adjustment normalizes wages and salaries to account for changes due to wage increases, promotions, retirements, terminations, or new hires for standard year of 2,080 hours.

<u>Labor Expense Summary</u>	<u>Labor \$</u>	<u>Alloc</u>	<u>Adjustment</u>
580-589 Operations	\$ 747,313	13.9%	\$ 23,626
590-598 Maintenance	\$ 1,036,760	19.3%	\$ 32,777
901-905 Consumer Accounts	\$ 617,810	11.5%	\$ 19,532
907-910 Customer Service	\$ 99,080	1.8%	\$ 3,132
920-935 Administrative & General	\$ 1,127,737	21.0%	\$ 35,653
Subtotal	\$ 3,628,700	67.4%	\$ 114,720
101-120 Utility Plant	\$ 1,343,199	25.0%	\$ 42,465
131-174 Current & Accrued Assets	\$ 85,852	1.6%	\$ 2,714
181-190 Deferred Debits	\$ 125,497	2.3%	\$ 3,968
231-283 Current & Accrued Liabilities	\$ 197,223	3.7%	\$ 6,235
Subtotal	\$ 1,751,771	32.6%	\$ 55,381
Total	\$ 5,380,471	100.0%	\$ 170,101

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Life Insurance

A	B	C	D	E	F	G	H
Empl #	Total Premium	Acct	Ending 2023 Rate	Ending 2023 Salary	Lesser of \$50k or Salary	(E * 2) Coverage - 2x Salary	((G-F)/G)*B Amount to Exclude
5	\$ 524.16	926	\$ 43.68	\$ 90,854.40	\$ 50,000.00	\$ 181,708.80	\$ 379.93
10	\$ 524.16	926	\$ 43.68	90,854.40	50,000.00	181,708.80	\$ 379.93
11	\$ 524.16	926	\$ 43.68	90,854.40	50,000.00	181,708.80	\$ 379.93
16	\$ 692.16	926	\$ 57.68	119,974.40	50,000.00	239,948.80	\$ 547.93
24	\$ 638.40	926	\$ 53.20	110,656.00	50,000.00	221,312.00	\$ 494.17
25	\$ 557.76	926	\$ 46.48	96,678.40	50,000.00	193,356.80	\$ 413.53
38	\$ 537.60	926	\$ 44.80	93,184.00	50,000.00	186,368.00	\$ 393.37
40	\$ 537.60	926	\$ 44.80	93,184.00	50,000.00	186,368.00	\$ 393.37
41	\$ 524.16	926	\$ 43.68	90,854.40	50,000.00	181,708.80	\$ 379.93
43	\$ 557.76	926	\$ 46.48	96,678.40	50,000.00	193,356.80	\$ 413.53
50	\$ 524.16	926	\$ 43.68	90,854.40	50,000.00	181,708.80	\$ 379.93
136	\$ 41.76	926	\$ 3.48	7,238.40	7,238.40	14,476.80	\$ 20.88
139	\$ 490.56	926	\$ 40.88	85,030.40	50,000.00	170,060.80	\$ 346.33
149	\$ 840.00	926	\$ 70.00	145,600.00	50,000.00	291,200.00	\$ 695.77
159	\$ 537.60	926	\$ 44.80	93,184.00	50,000.00	186,368.00	\$ 393.37
163	\$ 456.96	926	\$ 38.08	79,206.40	50,000.00	158,412.80	\$ 312.73
164	\$ 396.48	926	\$ 33.04	68,723.20	50,000.00	137,446.40	\$ 252.25
166	\$ 409.92	926	\$ 34.16	71,052.80	50,000.00	142,105.60	\$ 265.69
169	\$ 369.60	926	\$ 30.80	64,064.00	50,000.00	128,128.00	\$ 225.37
172	\$ 396.48	926	\$ 33.04	68,723.20	50,000.00	137,446.40	\$ 252.25
182	\$ 443.52	926	\$ 36.96	76,876.80	50,000.00	153,753.60	\$ 299.29
187	\$ 524.16	926	\$ 43.68	90,854.40	50,000.00	181,708.80	\$ 379.93
189	\$ 477.12	926	\$ 39.76	82,700.80	50,000.00	165,401.60	\$ 332.89
191	\$ 288.96	926	\$ 24.08	50,086.40	50,000.00	100,172.80	\$ 144.73
192	\$ 315.84	926	\$ 26.32	54,745.60	50,000.00	109,491.20	\$ 171.61
194	\$ 517.44	926	\$ 43.12	89,689.60	50,000.00	179,379.20	\$ 373.21
197	\$ 517.44	926	\$ 43.12	89,689.60	50,000.00	179,379.20	\$ 373.21
198	\$ 268.80	926	\$ 22.40	46,592.00	46,592.00	93,184.00	\$ 134.40
200	\$ 388.08	926		-	-	-	\$ 388.08
201	\$ 497.28	926	\$ 41.44	86,195.20	50,000.00	172,390.40	\$ 353.05
203	\$ 275.52	926	\$ 22.96	47,756.80	47,756.80	95,513.60	\$ 137.76
204	\$ 268.80	926	\$ 22.40	46,592.00	46,592.00	93,184.00	\$ 134.40
205	\$ 517.44	926	\$ 43.12	89,689.60	50,000.00	179,379.20	\$ 373.21
208	\$ 504.00	926	\$ 42.00	87,360.00	50,000.00	174,720.00	\$ 359.77
211	\$ 248.64	926	\$ 20.72	43,097.60	43,097.60	86,195.20	\$ 124.32
216	\$ 456.96	926	\$ 38.08	79,206.40	50,000.00	158,412.80	\$ 312.73
219	\$ 215.04	926	\$ 17.92	37,273.60	37,273.60	74,547.20	\$ 107.52
222	\$ 517.44	926	\$ 43.12	89,689.60	50,000.00	179,379.20	\$ 373.21
223	\$ 215.04	926	\$ 17.92	37,273.60	37,273.60	74,547.20	\$ 107.52
224	\$ 517.44	926	\$ 43.12	89,689.60	50,000.00	179,379.20	\$ 373.21
217	\$ 170.24	926	\$ 21.28	44,262.40	44,262.40	88,524.80	\$ 85.12
Total	\$ 18,226.64						\$ 12,759.34
						Allowed Total	\$ 5,467.30
						Test Year Amount	\$ 18,226.64
						Pro Forma Amount	\$ 5,467.30
						Adjustment	\$ (12,759.34)

This adjustment removes Life insurance premiums for coverage above the lesser of an employee's annual salary or \$50,000 from the test period.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Right of Way

#	Account 593 Item	Cost
1	Test Year Right of Way expense	
2	593.1 Dept 1	\$ 50,774
3	593.1 Dept 10	\$ 4,171
4	593.1 Dept 20	\$ 123,440
5	593.11 Dept 0	\$ 3
6	593.2 Dept 0	\$ 739,503
7	593.21 Dept 0	\$ 63,241
8	593.22 Dept 0	\$ 141,983
9	593.23 Dept 0	\$ 185,778
10	593.25 Dept 0	\$ 26,028
11	593.27 Dept 0	\$ 21,293
12	Subtotal	\$ 1,356,214
13		
14	Pro Forma Cost	\$ 2,055,210
15	Increase(Decrease)	\$ 698,996
16		
17	Share of Increase to be included:	100.00%
18	<i>Adjustment:</i>	698,996

This adjustment adds to expense for average yearly cost to remain on target cycle.

BIG SANDY RECC
For the 12 Months Ended December 31, 2023

Interest on Long Term Debt

Line #	Type of Debt Issued (1)	Date of Issue (2)	Date of Maturity (3)	Outstanding Amount (4)	Cost Rate to Maturity (5)	Pro Forma Interest Cost (6)	Test Year		
							Interest Cost (7)	Pro Forma Adj (8)	
<u>RUS Loans</u>									
1	RET-6-1	Jan-96	Jan-31	\$ 119,031	1.250%	\$ 1,488	\$ 1,705	\$ (217)	
2	RET-6-2	Jan-96	Jan-31	\$ 58,865	1.500%	\$ 883	\$ 989	\$ (106)	
3	RET-6-3	Jan-96	Jan-31	\$ 144,934	2.250%	\$ 3,261	\$ 3,645	\$ (384)	
4	RET-6-4	Jan-96	Jan-31	\$ 69,526	1.250%	\$ 869	\$ 974	\$ (105)	
5	RET-6-5	Jan-96	Jan-31	\$ 139,943	1.500%	\$ 2,099	\$ 2,351	\$ (251)	
6	RET-6-6	Jan-96	Jan-31	\$ 285,979	4.250%	\$ 12,154	\$ 13,520	\$ (1,366)	
7	* RET 8-1	Jan-23	Jan-58	\$ 4,860,577	5.180%	\$ 251,778	\$ 187,121	\$ 64,657	
8	* NEW	May-24		\$ 3,000,000	5.180%	\$ 90,650	\$ -	\$ 90,650	
9				\$ 8,678,857		\$ 363,182	\$ 210,304	\$ 152,878	
10	*	Variable Rate							
11									
12									
13									
14	<u>FFB Loans</u>								
15	1-4	12/31/2001		\$ 172,494	4.472%	\$ 7,714	\$ 8,233	\$ (519)	
16	1-5	7/22/2003		\$ 1,316,591	4.472%	\$ 58,878	\$ 62,838	\$ (3,960)	
17	2-1	2/2/2010		\$ 1,316,321	2.461%	\$ 32,395	\$ 34,330	\$ (1,935)	
18	2-2	9/30/2011		\$ 663,242	2.461%	\$ 16,322	\$ 17,297	\$ (975)	
19	2-3	4/2/2012		\$ 1,018,479	2.461%	\$ 25,065	\$ 26,562	\$ (1,497)	
20	2-4	11/19/2012		\$ 690,336	2.461%	\$ 16,989	\$ 18,004	\$ (1,015)	
21	2-5	4/5/2013		\$ 701,524	2.461%	\$ 17,265	\$ 18,296	\$ (1,031)	
22	2-6	7/18/2013		\$ 2,754,224	2.461%	\$ 67,781	\$ 71,831	\$ (4,049)	
23	3-1	10/21/2016		\$ 878,406	2.467%	\$ 21,670	\$ 22,788	\$ (1,117)	
24	3-2	4/30/2017		\$ 1,756,811	2.467%	\$ 43,341	\$ 45,575	\$ (2,235)	
25	3-3	4/30/2020		\$ 6,271,133	1.118%	\$ 70,111	\$ 77,260	\$ (7,149)	
26				\$ 17,539,562		\$ 377,531	\$ 403,015	\$ (25,484)	
27									
28	<u>CFC Loans</u>								
29									
30	9018002	Dec-97	Nov-30	\$ 121,699	6.300%	\$ 7,667	\$ 8,242	\$ (575)	
31	9018003	Dec-97	Nov-30	\$ 81,133	6.350%	\$ 5,152	\$ 5,495	\$ (343)	
32	9022006	Aug-17	Aug-23	\$ -	3.650%	\$ -	\$ 4,362	\$ (4,362)	
33	9022007	Aug-17	Aug-24	\$ 239,010	3.750%	\$ 8,963	\$ 11,959	\$ (2,996)	
34	9022008	Aug-17	Aug-25	\$ 318,680	3.850%	\$ 12,269	\$ 12,269	\$ (0)	
35	9022009	Aug-17	Aug-26	\$ 318,680	3.900%	\$ 12,429	\$ 12,429	\$ (0)	
36	9022010	Aug-17	Aug-27	\$ 318,680	3.950%	\$ 12,588	\$ 12,588	\$ -	
37	9022011	Aug-17	Aug-28	\$ 318,680	3.950%	\$ 12,588	\$ 12,588	\$ -	
38	9022012	Aug-17	Aug-29	\$ 318,680	4.000%	\$ 12,747	\$ 12,747	\$ -	
39	9022013	Aug-17	Aug-30	\$ 318,680	4.050%	\$ 12,907	\$ 12,907	\$ (0)	
40	9022014	Aug-17	Aug-31	\$ 318,680	4.050%	\$ 12,907	\$ 12,907	\$ (0)	
41	9022015	Aug-17	Aug-32	\$ 318,680	4.100%	\$ 13,066	\$ 13,066	\$ -	
42	9022016	Aug-17	Aug-33	\$ 318,680	4.150%	\$ 13,225	\$ 13,225	\$ -	
43	9022017	Aug-17	Aug-34	\$ 318,680	4.150%	\$ 13,225	\$ 13,225	\$ -	
44	9022018	Aug-17	Aug-35	\$ 318,680	4.200%	\$ 13,385	\$ 13,385	\$ 0	
45	9022019	Aug-17	Aug-36	\$ 318,680	4.250%	\$ 13,544	\$ 13,544	\$ (0)	
46	9022020	Aug-17	Aug-37	\$ 317,528	4.300%	\$ 13,654	\$ 13,654	\$ (0)	
47				\$ 4,583,529		\$ 190,314	\$ 198,590	\$ (8,276)	
48									
49									
50									
51	Sub-Total			\$ 30,801,948		\$ 931,027	\$ 811,909	\$ 119,118	
52									
53	Annualized Cost Rate					3.023%	2.636%		

This adjustment normalizes the interest on Long-Term Debt. Test year cost of debt is normalized to annualized cost rate (by multiplying the test year end debt amounts by the interest rate in effect at the end of the test year for each loan).

Exhibit JW-3 COSS: Summary of Results

BIG SANDY RECC
Summary of Rates of Return by Class

2023

#	Rate	Code	Pro Forma Operating Revenue	Pro Forma Operating Expenses	Margin	Rate Base	Pro Forma Rate of Return on Rate Base	Unitized Rate of Return on Rate Base
1	A1 - Farm & Home	A1	\$ 16,401,883	\$ 18,340,267	\$ (1,938,384)	\$ 26,955,197	-7.19%	(1.25)
2	A2 - Commercial & Small Power	A2	\$ 1,191,284	\$ 1,101,120	\$ 90,164	\$ 1,588,170	5.68%	0.99
3	LP - Large Power	LP	\$ 1,967,330	\$ 2,124,419	\$ (157,090)	\$ 2,099,112	-7.48%	(1.30)
4	LPR - Large Power	LPR	\$ 821,718	\$ 810,908	\$ 10,810	\$ 924,976	1.17%	0.20
5	IND 1-B - Industrial	IND-1B	\$ 438,236	\$ 472,854	\$ (34,618)	\$ 303,915	-11.39%	(1.98)
6	Lighting	YL	\$ 889,099	\$ 893,647	\$ (4,548)	\$ 3,525,877	-0.13%	(0.02)
7	Total		\$ 21,709,549	\$ 23,743,214	\$ (2,033,666)	\$ 35,397,246	-5.75%	1.00

After Proposed Rate Revisions

#	Rate	Code	Share of Revenue	Share of Energy	Pro Forma Rate of Return on Rate Base	Unitized Rate of Return on Rate Base
8	A1 - Farm & Home	A1	75.6%	73.2%	3.93%	0.98
9	A2 - Commercial & Small Power	A2	5.5%	4.4%	5.68%	1.41
10	LP - Large Power	LP	9.1%	11.7%	3.98%	0.99
11	LPR - Large Power	LPR	3.8%	5.4%	3.99%	0.99
12	IND 1-B - Industrial	IND-1B	2.0%	3.5%	3.98%	0.99
13	Lighting	YL	4.1%	1.9%	4.00%	1.00
15			100.0%	100.0%	4.02%	1.00

BIG SANDY RECC
Summary of Cost-Based Rates

		Cost Based Rates		
#	Rate	Customer \$/Month	Energy \$/KWH	Demand \$/KW
1	A1 - Farm & Home	43.21	0.09346	-
2	A2 - Commercial & Small Power	42.00	0.04131	9.40
3	LP - Large Power	87.10	0.04530	12.55
4	LPR - Large Power	385.21	0.04664	7.94
5	IND 1-B - Industrial	767.18	0.03160	19.22

Exhibit JW-4 COSS: Functionalization & Classification

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission Demand	Station Equipment Demand
				Demand	Energy		
Plant in Service							
Intangible Plant							
301.00 ORGANIZATION	P301	PT&D	\$ -	-	-	-	-
302.00 FRANCHISES	P302	PT&D	-	-	-	-	-
303.00 MISC. INTANGIBLE	P303	PT&D	-	-	-	-	-
Total Intangible Plant	PINT		\$ -	\$ -	\$ -	\$ -	\$ -
Steam Production							
310.00 LAND AND LAND RIGHTS	P310	F016	\$ -	-	-	-	-
311.00 STRUCTURES AND IMPROVEMENTS	P311	F016	-	-	-	-	-
312.00 BOILER PLANT EQUIPMENT	P312	F016	-	-	-	-	-
313.00 ENGINES AND ENGINE DRIVEN GENERATORS	P313	F016	-	-	-	-	-
314.00 TURBOGENERATOR UNITS	P314	F016	-	-	-	-	-
315.00 ACCESSORY ELEC EQUIP	P315	F016	-	-	-	-	-
316.00 MISC POWER PLANT EQUIPMENT	P316	F016	-	-	-	-	-
317.00 ASSET RETIREMENT COST FOR STEAM PROD	P317	F016	-	-	-	-	-
Total Steam Production Plant	PPROD		\$ -	\$ -	\$ -	\$ -	\$ -
Transmission							
350.00 LAND AND LAND RIGHTS	P350	F011	\$ -	-	-	-	-
352.00 STRUCTURES AND IMPROVEMENTS	P352	F011	-	-	-	-	-
353.00 STATION EQUIPMENT	P353	F011	-	-	-	-	-
354.00 TOWERS AND FIXTURES	P354	F011	-	-	-	-	-
355.00 POLES AND FIXTURES	P355	F011	-	-	-	-	-
356.00 CONDUCTORS AND DEVICES	P356	F011	-	-	-	-	-
359.00 ROADS AND TRAILS	P359	F011	-	-	-	-	-
Total Transmission Plant	PTRAN		\$ -	\$ -	\$ -	\$ -	\$ -

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Customer
Plant in Service										
Intangible Plant										
301.00 ORGANIZATION	P301	PT&D	-	-	-	-	-	-	-	-
302.00 FRANCHISES	P302	PT&D	-	-	-	-	-	-	-	-
303.00 MISC. INTANGIBLE	P303	PT&D	-	-	-	-	-	-	-	-
Total Intangible Plant	PINT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steam Production										
310.00 LAND AND LAND RIGHTS	P310	F016	-	-	-	-	-	-	-	-
311.00 STRUCTURES AND IMPROVEMENTS	P311	F016	-	-	-	-	-	-	-	-
312.00 BOILER PLANT EQUIPMENT	P312	F016	-	-	-	-	-	-	-	-
313.00 ENGINES AND ENGINE DRIVEN GENERATORS	P313	F016	-	-	-	-	-	-	-	-
314.00 TURBOGENERATOR UNITS	P314	F016	-	-	-	-	-	-	-	-
315.00 ACCESSORY ELEC EQUIP	P315	F016	-	-	-	-	-	-	-	-
316.00 MISC POWER PLANT EQUIPMENT	P316	F016	-	-	-	-	-	-	-	-
317.00 ASSET RETIREMENT COST FOR STEAM PROD	P317	F016	-	-	-	-	-	-	-	-
Total Steam Production Plant	PPROD		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission										
350.00 LAND AND LAND RIGHTS	P350	F011	-	-	-	-	-	-	-	-
352.00 STRUCTURES AND IMPROVEMENTS	P352	F011	-	-	-	-	-	-	-	-
353.00 STATION EQUIPMENT	P353	F011	-	-	-	-	-	-	-	-
354.00 TOWERS AND FIXTURES	P354	F011	-	-	-	-	-	-	-	-
355.00 POLES AND FIXTURES	P355	F011	-	-	-	-	-	-	-	-
356.00 CONDUCTORS AND DEVICES	P356	F011	-	-	-	-	-	-	-	-
359.00 ROADS AND TRAILS	P359	F011	-	-	-	-	-	-	-	-
Total Transmission Plant	PTRAN		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Plant in Service (Continued)							
Distribution							
360.00 LAND AND LAND RIGHTS	P360	F001	\$ -	-	-	-	-
361.00 STRUCTURES AND IMPROVEMENTS	P361	F001	-	-	-	-	-
362.00 STATION EQUIPMENT	P362	F001	489,306	-	-	-	489,306
364.00 POLES, TOWERS AND FIXTURES	P364	F002	18,398,526	-	-	-	-
365.00 OVERHEAD CONDUCTORS AND DEVICE	P365	F003	15,182,352	-	-	-	-
366.00 UNDERGROUND CONDUIT	P366	F004	851,048	-	-	-	-
367.00 UNDERGROUND CONDUCTORS AND DEV	P367	F004	410,300	-	-	-	-
368.00 LINE TRANSFORMERS	P368	F005	6,985,854	-	-	-	-
369.00 SERVICES	P369	F006	6,324,724	-	-	-	-
370.00 METERS	P370	F007	3,817,742	-	-	-	-
371.00 INSTALLATIONS ON CONSUMERS PRE	P371	F013	3,828,290	-	-	-	-
372.00 LEASED PROP. ON CONSUMERS PREMISES	P372	F013	-	-	-	-	-
373.00 STREET LIGHTING AND SIGNAL SYS	P373	F008	-	-	-	-	-
Total Distribution Plant	PDIST		\$ 56,288,143	\$ -	\$ -	\$ -	489,306
Total Transmission and Distribution Plant	PT&D		\$ 56,288,143	\$ -	\$ -	\$ -	489,306
Total Production, Transmission & Distribution Plant	PPT&D		\$ 56,288,143	\$ -	\$ -	\$ -	489,306

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Customer
Plant in Service (Continued)										
Distribution										
360.00	LAND AND LAND RIGHTS	P360	F001	-	-	-	-	-	-	-
361.00	STRUCTURES AND IMPROVEMENTS	P361	F001	-	-	-	-	-	-	-
362.00	STATION EQUIPMENT	P362	F001	-	-	-	-	-	-	-
364.00	POLES, TOWERS AND FIXTURES	P364	F002	11,607,894	6,790,632	-	-	-	-	-
365.00	OVERHEAD CONDUCTORS AND DEVICE	P365	F003	9,578,764	5,603,588	-	-	-	-	-
366.00	UNDERGROUND CONDUIT	P366	F004	40,232	810,816	-	-	-	-	-
367.00	UNDERGROUND CONDUCTORS AND DEV	P367	F004	19,396	390,904	-	-	-	-	-
368.00	LINE TRANSFORMERS	P368	F005	3,778,858	3,206,996	-	-	-	-	-
369.00	SERVICES	P369	F006	-	-	6,324,724	-	-	-	-
370.00	METERS	P370	F007	-	-	-	3,817,742	-	-	-
371.00	INSTALLATIONS ON CONSUMERS PRE	P371	F013	-	-	-	-	3,828,290	-	-
372.00	LEASED PROP. ON CONSUMERS PREMISES	P372	F013	-	-	-	-	-	-	-
373.00	STREET LIGHTING AND SIGNAL SYS	P373	F008	-	-	-	-	-	-	-
	Total Distribution Plant	PDIST		\$ 25,025,145	\$ 16,802,936	\$ -	\$ 6,324,724	\$ 3,817,742	\$ 3,828,290	\$ -
	Total Transmission and Distribution Plant	PT&D		\$ 25,025,145	\$ 16,802,936	\$ -	\$ 6,324,724	\$ 3,817,742	\$ 3,828,290	\$ -
	Total Production, Transmission & Distribution Plant	PPT&D		\$ 25,025,145	\$ 16,802,936	\$ -	\$ 6,324,724	\$ 3,817,742	\$ 3,828,290	\$ -

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Plant in Service (Continued)							
General Plant							
389.00 LAND AND LAND RIGHTS	P389	PT&D	\$ 292,419	-	-	-	2,542
390.00 STRUCTURES AND IMPROVEMENTS	P390	PT&D	3,205,150	-	-	-	27,862
391.00 OFFICE FURNITURE AND EQUIPMENT	P391	PT&D	605,318	-	-	-	5,262
392.00 TRANSPORTATION EQUIPMENT	P392	PT&D	2,315,565	-	-	-	20,129
393.00 STORES EQUIPMENT	P393	PT&D	-	-	-	-	-
394.00 TOOLS, SHOP & GARAGE EQUIPMENT	P394	PT&D	95,790	-	-	-	833
395.00 LABORATORY EQUIPMENT	P395	PT&D	193,128	-	-	-	1,679
396.00 POWER OPERATED EQUIPMENT	P396	PT&D	39,197	-	-	-	341
397.00 COMMUNICATION EQUIPMENT	P397	PT&D	105,264	-	-	-	915
398.00 MISCELLANEOUS EQUIPMENT	P398	PT&D	79,182	-	-	-	688
399.00 OTHER TANGIBLE PROPERTY	P399	PT&D	-	-	-	-	-
Total General Plant	PGP		\$ 6,931,014	\$ -	\$ -	\$ -	\$ 60,250
Total Plant in Service	TPIS		\$ 63,219,157	\$ -	\$ -	\$ -	\$ 549,557
Construction Work in Progress (CWIP)							
CWIP Production	CWIP1	PPROD	\$ -	-	-	-	-
CWIP Transmission	CWIP2	PTRAN	-	-	-	-	-
CWIP Distribution	CWIP3	PDIST	\$ -	-	-	-	-
CWIP General Plant	CWIP4	PGP	-	-	-	-	-
CWIP Other	CWIP5	PDIST	643,916	-	-	-	5,597
Total Construction Work in Progress	TCWIP		\$ 643,916	\$ -	\$ -	\$ -	\$ 5,597
Total Utility Plant			\$ 63,863,073	\$ -	\$ -	\$ -	\$ 555,154

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Plant in Service (Continued)										
General Plant										
389.00	LAND AND LAND RIGHTS	P389	PT&D	130,007	87,292	-	32,857	19,833	19,888	-
390.00	STRUCTURES AND IMPROVEMENTS	P390	PT&D	1,424,978	956,790	-	360,141	217,389	217,990	-
391.00	OFFICE FURNITURE AND EQUIPMENT	P391	PT&D	269,118	180,697	-	68,016	41,056	41,169	-
392.00	TRANSPORTATION EQUIPMENT	P392	PT&D	1,029,477	691,234	-	260,185	157,053	157,487	-
393.00	STORES EQUIPMENT	P393	PT&D	-	-	-	-	-	-	-
394.00	TOOLS, SHOP & GARAGE EQUIPMENT	P394	PT&D	42,587	28,595	-	10,763	6,497	6,515	-
395.00	LABORATORY EQUIPMENT	P395	PT&D	85,863	57,652	-	21,701	13,099	13,135	-
396.00	POWER OPERATED EQUIPMENT	P396	PT&D	17,427	11,701	-	4,404	2,659	2,666	-
397.00	COMMUNICATION EQUIPMENT	P397	PT&D	46,799	31,423	-	11,828	7,140	7,159	-
398.00	MISCELLANEOUS EQUIPMENT	P398	PT&D	35,204	23,637	-	8,897	5,371	5,385	-
399.00	OTHER TANGIBLE PROPERTY	P399	PT&D	-	-	-	-	-	-	-
	Total General Plant	PGP		\$ 3,081,459	\$ 2,069,022	\$ -	\$ 778,792	\$ 470,096	\$ 471,395	\$ -
	Total Plant in Service	TPIS		\$ 28,106,605	\$ 18,871,957	\$ -	\$ 7,103,516	\$ 4,287,838	\$ 4,299,684	\$ -
Construction Work in Progress (CWIP)										
	CWIP Production	CWIP1	PPROD	-	-	-	-	-	-	-
	CWIP Transmission	CWIP2	PTRAN	-	-	-	-	-	-	-
	CWIP Distribution	CWIP3	PDIST	-	-	-	-	-	-	-
	CWIP General Plant	CWIP4	PGP	-	-	-	-	-	-	-
	CWIP Other	CWIP5	PDIST	286,278	192,219	-	72,353	43,674	43,794	-
	Total Construction Work in Progress	TCWIP		\$ 286,278	\$ 192,219	\$ -	\$ 72,353	\$ 43,674	\$ 43,794	\$ -
	Total Utility Plant			\$ 28,392,883	\$ 19,064,176	\$ -	\$ 7,175,869	\$ 4,331,512	\$ 4,343,478	\$ -

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Rate Base							
Utility Plant							
Plant in Service			\$ 63,219,157	\$ -	\$ -	\$ -	\$ 549,557
Construction Work in Progress (CWIP)			643,916	-	-	-	5,597.48
Total Utility Plant	TUP		\$ 63,863,073	\$ -	\$ -	\$ -	\$ 555,154
Less: Accumulated Provision for Depreciation							
Electric Plant Amortization	ADEPREPA	TUP		-	-	-	-
Retirement Work in Progress	RWIP	PDIST	(90,189)	-	-	-	(784)
Steam Production	ADEPRPP	PPROD	-	-	-	-	-
Transmission	ADEPRTP	PTRAN	-	-	-	-	-
Dist	ADEPRD12	PDIST	29,285,484	-	-	-	254,575
Dist-Structures	ADEPRD1	P361	-	-	-	-	-
Dist-Station	ADEPRD2	P362	-	-	-	-	-
Dist-Poles and Fixtures	ADEPRD3	P364	-	-	-	-	-
Dist-OH Conductor	ADEPRD4	P365	-	-	-	-	-
Dist-UG Conduit	ADEPRD5	P366	-	-	-	-	-
Dist-UG Conductor	ADEPRD6	P367	-	-	-	-	-
Dist-Line Transformers	ADEPRD7	P368	-	-	-	-	-
Dist-Services	ADEPRD8	P369	-	-	-	-	-
Dist-Meters	ADEPRD9	P370	-	-	-	-	-
Dist-Installations on Customer Premises	ADEPRD10	P371	-	-	-	-	-
Dist-Lighting & Signal Systems	ADEPRD11	P373	-	-	-	-	-
Accum Amtz - Electric Plant Acquisition		PGP	-	-	-	-	-
Accum Amtz - Electric Plant in Service		PGP	-	-	-	-	-
General Plant		PGP	-	-	-	-	-
Total Accumulated Depreciation & Amort	TADEPR		\$ 29,195,295	\$ -	\$ -	\$ -	\$ 253,791
Net Utility Plant	NTPLANT		\$ 34,667,777	\$ -	\$ -	\$ -	\$ 301,363
Working Capital							
Cash Working Capital - Operation and Maintenance Expenses	CWC	OMLPP	\$ 830,844	\$ -	\$ -	\$ -	\$ 1,131
Materials and Supplies (13-Month Avg)	M&S	TPIS	590,873	-	-	-	5,136
Prepayments (13-Month Average)	PREPAY	TPIS	56,557	-	-	-	492
Total Working Capital	TWC		\$ 1,478,274	\$ -	\$ -	\$ -	\$ 6,759
Less: Customer Deposits	CSTDEP	TPIS	\$ 748,805	-	-	-	6,509
Net Rate Base	RB		\$ 35,397,246	\$ -	\$ -	\$ -	\$ 301,613

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Rate Base										
Utility Plant										
Plant in Service			\$ 28,106,605	\$ 18,871,957	\$ -	\$ 7,103,516	\$ 4,287,838	\$ 4,299,684	\$ -	\$ -
Construction Work in Progress (CWIP)			286,278.48	192,219.42	-	72,352.52	43,673.57	43,794.23	-	-
Total Utility Plant	TUP		\$ 28,392,883	\$ 19,064,176	\$ -	\$ 7,175,869	\$ 4,331,512	\$ 4,343,478	\$ -	\$ -
Less: Accumulated Provision for Depreciation										
Electric Plant Amortization	ADEPREPA	TUP	-	-	-	-	-	-	-	-
Retirement Work in Progress	RWIP	PDIST	(40,097)	(26,923)	-	(10,134)	(6,117)	(6,134)	-	-
Steam Production	ADEPRPP	PPROD	-	-	-	-	-	-	-	-
Transmission	ADEPRTP	PTRAN	-	-	-	-	-	-	-	-
Dist	ADEPRD12	PDIST	13,020,033	8,742,198	-	3,290,615	1,986,287	1,991,775	-	-
Dist-Structures	ADEPRD1	P361	-	-	-	-	-	-	-	-
Dist-Station	ADEPRD2	P362	-	-	-	-	-	-	-	-
Dist-Poles and Fixtures	ADEPRD3	P364	-	-	-	-	-	-	-	-
Dist-OH Conductor	ADEPRD4	P365	-	-	-	-	-	-	-	-
Dist-UG Conduit	ADEPRD5	P366	-	-	-	-	-	-	-	-
Dist-UG Conductor	ADEPRD6	P367	-	-	-	-	-	-	-	-
Dist-Line Transformers	ADEPRD7	P368	-	-	-	-	-	-	-	-
Dist-Services	ADEPRD8	P369	-	-	-	-	-	-	-	-
Dist-Meters	ADEPRD9	P370	-	-	-	-	-	-	-	-
Dist-Installations on Customer Premises	ADEPRD10	P371	-	-	-	-	-	-	-	-
Dist-Lighting & Signal Systems	ADEPRD11	P373	-	-	-	-	-	-	-	-
Accum Amtz - Electric Plant Acquisition		PGP	-	-	-	-	-	-	-	-
Accum Amtz - Electric Plant in Service		PGP	-	-	-	-	-	-	-	-
General Plant		PGP	-	-	-	-	-	-	-	-
Total Accumulated Depreciation & Amort	TADEPR		\$ 12,979,936	\$ 8,715,275	\$ -	\$ 3,280,481	\$ 1,980,170	\$ 1,985,641	\$ -	\$ -
Net Utility Plant	NTPLANT		\$ 15,412,947	\$ 10,348,901	\$ -	\$ 3,895,387	\$ 2,351,341	\$ 2,357,837	\$ -	\$ -
Working Capital										
Cash Working Capital - Operation and Maintenance Expenses	CWC	OMLPP	\$ 284,482	\$ 172,364	\$ -	\$ 15,831	\$ 144,055	\$ 8,852	\$ 204,122	\$ 6
Materials and Supplies (13-Month Avg)	M&S	TPIS	262,696	176,385	-	66,392	40,076	40,187	-	-
Prepayments (13-Month Average)	PREPAY	TPIS	25,145	16,883	-	6,355	3,836	3,847	-	-
Total Working Capital	TWC		\$ 572,323	\$ 365,633	\$ -	\$ 88,578	\$ 187,967	\$ 52,886	\$ 204,122	\$ 6
Less: Customer Deposits	CSTDEP	TPIS	332,911	223,531	-	84,138	50,788	50,928	-	-
Net Rate Base	RB		\$ 15,652,359	\$ 10,491,003	\$ -	\$ 3,899,827	\$ 2,488,520	\$ 2,359,795	\$ 204,122	\$ 6

BIG SANDY RECC
Cost of Service Study
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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Operation and Maintenance Expenses							
Steam Power Production Operations Expense							
500 OPERATION SUPV AND ENGINEERING	OM500	PPROD	\$ -	-	-	-	-
501 FUEL	OM501	F017	-	-	-	-	-
502 STEAM EXPENSES	OM502	F016	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	OM503	F016	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	OM504	F016	-	-	-	-	-
505 ELECTRIC EXPENSES	OM505	F016	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	OM506	F016	-	-	-	-	-
507 RENTS	OM507	F016	-	-	-	-	-
509 ALLOWANCES	OM509	F017	-	-	-	-	-
Total Steam Production Operation Expense	OMPO		\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense							
510 MAINTENANCE SUPV AND ENGINEERING	OM510	F017	\$ -	-	-	-	-
511 MAINTENANCE OF STRUCTURES	OM511	F016	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	OM512	F017	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	OM513	F017	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	OM514	F016	-	-	-	-	-
Total Steam Production Maintenance Expense	OMPM		\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	OMP		-	-	-	-	-

BIG SANDY RECC
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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Operation and Maintenance Expenses										
Steam Power Production Operations Expense										
500 OPERATION SUPV AND ENGINEERING	OM500	PPROD	-	-	-	-	-	-	-	-
501 FUEL	OM501	F017	-	-	-	-	-	-	-	-
502 STEAM EXPENSES	OM502	F016	-	-	-	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	OM503	F016	-	-	-	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	OM504	F016	-	-	-	-	-	-	-	-
505 ELECTRIC EXPENSES	OM505	F016	-	-	-	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	OM506	F016	-	-	-	-	-	-	-	-
507 RENTS	OM507	F016	-	-	-	-	-	-	-	-
509 ALLOWANCES	OM509	F017	-	-	-	-	-	-	-	-
Total Steam Production Operation Expense	OMPO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense										
510 MAINTENANCE SUPV AND ENGINEERING	OM510	F017	-	-	-	-	-	-	-	-
511 MAINTENANCE OF STRUCTURES	OM511	F016	-	-	-	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	OM512	F017	-	-	-	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	OM513	F017	-	-	-	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	OM514	F016	-	-	-	-	-	-	-	-
Total Steam Production Maintenance Expense	OMPM		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	OMP		-	-	-	-	-	-	-	-

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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission Demand	Station Equipment Demand
				Demand	Energy		
Operation and Maintenance Expenses (Continued)							
Purchased Power							
555 PURCHASED POWER	OM555	OMPP	\$ 17,827,633	\$ 5,014,334	\$ 12,813,299	-	-
556 SYSTEM CONTROL & LOAD DISPATCHING	OM556	OMPP	-	-	-	-	-
557 OTHER EXPENSES	OM557	OMPP	-	-	-	-	-
559 RENEWABLE ENERGY CR EXP	OM559	OMPP	-	-	-	-	-
Total Purchased Power	TPP		\$ 17,827,633	\$ 5,014,334	\$ 12,813,299	\$ -	\$ -
Transmission Expenses							
560 OPERATION SUPERVISION AND ENG	OM560	PTRAN	\$ -	-	-	-	-
561 LOAD DISPATCHING	OM561	PTRAN	-	-	-	-	-
562 STATION EXPENSES	OM562	PTRAN	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	OM563	PTRAN	-	-	-	-	-
564 UNDERGROUND LINE EXPENSES	OM564	PTRAN	-	-	-	-	-
565 TRANSMISSION OF ELEC BY OTHERS	OM565	PTRAN	-	-	-	-	-
566 MISC. TRANSMISSION EXPENSES	OM566	PTRAN	-	-	-	-	-
567 RENTS	OM567	PTRAN	-	-	-	-	-
568 MAINTENANCE SUPERVISION AND ENG	OM568	PTRAN	-	-	-	-	-
569 MAINTENANCE OF STRUCTURES	OM569	PTRAN	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	OM570	PTRAN	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	OM571	PTRAN	-	-	-	-	-
572 MAINT OF UNDERGROUND LINES	OM572	PTRAN	-	-	-	-	-
573 MAINT MISC	OM573	PTRAN	-	-	-	-	-
574 MAINT OF TRANS PLANT	OM574	PTRAN	-	-	-	-	-
Total Transmission Expenses			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Expense							
580 OPERATION SUPERVISION AND ENGI	OM580	PDIST	\$ 232,036	-	-	-	2,017
581 LOAD DISPATCHING	OM581	P362	-	-	-	-	-
582 STATION EXPENSES	OM582	P362	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	OM583	P365	100,364	-	-	-	-
584 UNDERGROUND LINE EXPENSES	OM584	P367	-	-	-	-	-
585 STREET LIGHTING EXPENSE	OM585	P371	-	-	-	-	-
586 METER EXPENSES	OM586	P370	823,045	-	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	OM586x	F012	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	OM587	P369	7,863	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	OM588	PDIST	208,356	-	-	-	1,811
588 MISC DISTR EXP -- MAPPING	OM588x	F015	-	-	-	-	-
589 RENTS	OM589	PDIST	-	-	-	-	-
Total Distribution Operation Expense	OMDO		\$ 1,371,665	\$ -	\$ -	\$ -	\$ 3,828

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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Operation and Maintenance Expenses (Continued)										
Purchased Power										
555 PURCHASED POWER	OM555	OMPP	-	-	-	-	-	-	-	-
556 SYSTEM CONTROL & LOAD DISPATCHING	OM556	OMPP	-	-	-	-	-	-	-	-
557 OTHER EXPENSES	OM557	OMPP	-	-	-	-	-	-	-	-
559 RENEWABLE ENERGY CR EXP	OM559	OMPP	-	-	-	-	-	-	-	-
Total Purchased Power	TPP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Expenses										
560 OPERATION SUPERVISION AND ENG	OM560	PTRAN	-	-	-	-	-	-	-	-
561 LOAD DISPATCHING	OM561	PTRAN	-	-	-	-	-	-	-	-
562 STATION EXPENSES	OM562	PTRAN	-	-	-	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	OM563	PTRAN	-	-	-	-	-	-	-	-
564 UNDERGROUND LINE EXPENSES	OM564	PTRAN	-	-	-	-	-	-	-	-
565 TRANSMISSION OF ELEC BY OTHERS	OM565	PTRAN	-	-	-	-	-	-	-	-
566 MISC. TRANSMISSION EXPENSES	OM566	PTRAN	-	-	-	-	-	-	-	-
567 RENTS	OM567	PTRAN	-	-	-	-	-	-	-	-
568 MAINTENANCE SUPERVISION AND ENG	OM568	PTRAN	-	-	-	-	-	-	-	-
569 MAINTENANCE OF STRUCTURES	OM569	PTRAN	-	-	-	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	OM570	PTRAN	-	-	-	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	OM571	PTRAN	-	-	-	-	-	-	-	-
572 MAINT OF UNDERGROUND LINES	OM572	PTRAN	-	-	-	-	-	-	-	-
573 MAINT MISC	OM573	PTRAN	-	-	-	-	-	-	-	-
574 MAINT OF TRANS PLANT	OM574	PTRAN	-	-	-	-	-	-	-	-
Total Transmission Expenses			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Expense										
580 OPERATION SUPERVISION AND ENGI	OM580	PDIST	103,161	69,267	-	26,072	15,738	15,781	-	-
581 LOAD DISPATCHING	OM581	P362	-	-	-	-	-	-	-	-
582 STATION EXPENSES	OM582	P362	-	-	-	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	OM583	P365	63,321	37,043	-	-	-	-	-	-
584 UNDERGROUND LINE EXPENSES	OM584	P367	-	-	-	-	-	-	-	-
585 STREET LIGHTING EXPENSE	OM585	P371	-	-	-	-	-	-	-	-
586 METER EXPENSES	OM586	P370	-	-	-	-	823,045	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	OM586x	F012	-	-	-	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	OM587	P369	-	-	-	7,863	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	OM588	PDIST	92,633	62,198	-	23,412	14,132	14,171	-	-
588 MISC DISTR EXP -- MAPPING	OM588x	F015	-	-	-	-	-	-	-	-
589 RENTS	OM589	PDIST	-	-	-	-	-	-	-	-
Total Distribution Operation Expense	OMDO		\$ 259,115	\$ 168,507	\$ -	\$ 57,347	\$ 852,915	\$ 29,952	\$ -	\$ -

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Cost of Service Study
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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Operation and Maintenance Expenses (Continued)							
Distribution Maintenance Expense							
590 MAINTENANCE SUPERVISION AND EN	OM590	PDIST	\$ 232,338	-	-	-	2,020
592 MAINTENANCE OF STATION EQUIPME	OM592	P362	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	OM593	P365	2,110,873	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	OM594	P367	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	OM595	P368	42,789	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	OM596	P373	-	-	-	-	-
597 MAINTENANCE OF METERS	OM597	P370	155	-	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	OM598	PDIST	40,301	-	-	-	350
Total Distribution Maintenance Expense	OMDM		\$ 2,426,456	\$ -	\$ -	\$ -	\$ 2,370
Total Distribution Operation and Maintenance Expenses			3,798,121	-	-	-	6,198
Transmission and Distribution Expenses			3,798,121	-	-	-	6,198
Steam Production, Transmission and Distribution Expenses			3,798,121	-	-	-	6,198
Production, Purchased Power, Trans and Distr Expenses	OMSUB		\$ 21,625,754	\$ 5,014,334	\$ 12,813,299	\$ -	\$ 6,198
Customer Accounts Expense							
901 SUPERVISION/CUSTOMER ACCTS	OM901	F009	\$ -	-	-	-	-
902 METER READING EXPENSES	OM902	F009	147,318	-	-	-	-
903 RECORDS AND COLLECTION	OM903	F009	\$ 877,482	-	-	-	-
904 UNCOLLECTIBLE ACCOUNTS	OM904	F009	90,000	-	-	-	-
905 MISC CUST ACCOUNTS	OM903	F009	-	-	-	-	-
Total Customer Accounts Expense	OMCA		\$ 1,114,800	\$ -	\$ -	\$ -	\$ -
Customer Service Expense							
907 SUPERVISION	OM907	F010	\$ -	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	OM908	F010	126,436	-	-	-	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	OM908x	F012	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	OM909	F010	-	-	-	-	-
909 INFORM AND INSTRUC -LOAD MGMT	OM909x	F012	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	OM910	F010	-	-	-	-	-
911 SUPERVISION	OM911	F010	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	OM912	F012	-	-	-	-	-
913 ADVERTISING EXPENSES	OM913	F012	39	-	-	-	-
914 SALES	OM914	F012	-	-	-	-	-
916 MISC SALES EXPENSE	OM916	F012	-	-	-	-	-
917 MISC SALES EXPENSE	OM917	F012	-	-	-	-	-
Total Customer Service Expense	OMCS		\$ 126,475	\$ -	\$ -	\$ -	\$ -
Sub-Total Transmission, Distribution, Cust Acct and Cust Service	OMSUB2		5,039,396	-	-	-	6,198

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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Operation and Maintenance Expenses (Continued)										
Distribution Maintenance Expense										
590 MAINTENANCE SUPERVISION AND EN	OM590	PDIST	103,295	69,357	-	26,106	15,758	15,802	-	-
592 MAINTENANCE OF STATION EQUIPME	OM592	P362	-	-	-	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	OM593	P365	1,331,780	779,093	-	-	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	OM594	P367	-	-	-	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	OM595	P368	23,146	19,643	-	-	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	OM596	P373	-	-	-	-	-	-	-	-
597 MAINTENANCE OF METERS	OM597	P370	-	-	-	-	155	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	OM598	PDIST	17,917	12,030	-	4,528	2,733	2,741	-	-
Total Distribution Maintenance Expense	OMDM		\$ 1,476,139	\$ 880,123	\$ -	\$ 30,635	\$ 18,646	\$ 18,543	\$ -	\$ -
Total Distribution Operation and Maintenance Expenses			1,735,254	1,048,631	-	87,982	871,561	48,495	-	-
Transmission and Distribution Expenses			1,735,254	1,048,631	-	87,982	871,561	48,495	-	-
Steam Production, Transmission and Distribution Expenses			1,735,254	1,048,631	-	87,982	871,561	48,495	-	-
Production, Purchased Power, Trans and Distr Expenses	OMSUB		\$ 1,735,254	\$ 1,048,631	\$ -	\$ 87,982	\$ 871,561	\$ 48,495	\$ -	\$ -
Customer Accounts Expense										
901 SUPERVISION/CUSTOMER ACCTS	OM901	F009	-	-	-	-	-	-	-	-
902 METER READING EXPENSES	OM902	F009	-	-	-	-	-	-	147,318	-
903 RECORDS AND COLLECTION	OM903	F009	-	-	-	-	-	-	877,482	-
904 UNCOLLECTIBLE ACCOUNTS	OM904	F009	-	-	-	-	-	-	90,000	-
905 MISC CUST ACCOUNTS	OM903	F009	-	-	-	-	-	-	-	-
Total Customer Accounts Expense	OMCA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,114,800	\$ -
Customer Service Expense										
907 SUPERVISION	OM907	F010	-	-	-	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	OM908	F010	-	-	-	-	-	-	126,436	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	OM908x	F012	-	-	-	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	OM909	F010	-	-	-	-	-	-	-	-
909 INFORM AND INSTRUC -LOAD MGMT	OM909x	F012	-	-	-	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	OM910	F010	-	-	-	-	-	-	-	-
911 SUPERVISION	OM911	F010	-	-	-	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	OM912	F012	-	-	-	-	-	-	-	-
913 ADVERTISING EXPENSES	OM913	F012	-	-	-	-	-	-	-	39
914 SALES	OM914	F012	-	-	-	-	-	-	-	-
916 MISC SALES EXPENSE	OM916	F012	-	-	-	-	-	-	-	-
917 MISC SALES EXPENSE	OM917	F012	-	-	-	-	-	-	-	-
Total Customer Service Expense	OMCS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 126,436	\$ 39
Sub-Total Transmission, Distribution, Cust Acct and Cust Service	OMSUB2		1,735,254	1,048,631	-	87,982	871,561	48,495	1,241,236	39

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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Operation and Maintenance Expenses (Continued)							
Administrative and General Expense							
920 ADMIN. & GEN. SALARIES-	OM920	OMSUB2	\$ 750,673	-	-	-	923
921 OFFICE SUPPLIES AND EXPENSES	OM921	LBSUB2	289,679	-	-	-	531
923 OUTSIDE SERVICES EMPLOYED	OM923	OMSUB2	62,451	-	-	-	77
924 PROPERTY INSURANCE	OM924	NTPLANT	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	OM925	LBSUB2	54,729	-	-	-	100
926 EMPLOYEE BENEFITS	OM926	LBSUB2	34,895	-	-	-	64
928 ASSOCIATED DUES	OM928	OMSUB2	(4,388)	-	-	-	(5)
929 DUPLICATE CHARGES - CREDIT	OM929	OMSUB2	(1,428)	-	-	-	(2)
930 MISCELLANEOUS GENERAL EXPENSES	OM930	OMSUB2	334,058	-	-	-	411
931 RENTS AND LEASES	OM931	NTPLANT	8,518	-	-	-	74
932 MAINTENANCE OF GENERAL PLANT	OM932	PGP	-	-	-	-	-
933 TRANSPORTATION EXPENSES	OM933	PGP	-	-	-	-	-
935 MAINT OF GENERAL PLANT	OM935	NTPLANT	78,168	-	-	-	680
Total Administrative and General Expense	OMAG		\$ 1,607,355	\$ -	\$ -	\$ -	\$ 2,853
Total Operation and Maintenance Expenses	TOM		\$ 24,474,384	\$ 5,014,334	\$ 12,813,299	\$ -	\$ 9,052
Operation and Maintenance Expenses Less Purchase Power	OMLPP		\$ 6,646,751	\$ -	\$ -	\$ -	\$ 9,052

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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Operation and Maintenance Expenses (Continued)										
Administrative and General Expense										
920 ADMIN. & GEN. SALARIES-	OM920	OMSUB2	258,485	156,205	-	13,106	129,829	7,224	184,896	6
921 OFFICE SUPPLIES AND EXPENSES	OM921	LBSUB2	83,281	51,095	-	6,870	59,263	4,158	84,480	-
923 OUTSIDE SERVICES EMPLOYED	OM923	OMSUB2	21,504	12,995	-	1,090	10,801	601	15,382	0
924 PROPERTY INSURANCE	OM924	NTPLANT	-	-	-	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	OM925	LBSUB2	15,734	9,653	-	1,298	11,197	786	15,961	-
926 EMPLOYEE BENEFITS	OM926	LBSUB2	10,032	6,155	-	828	7,139	501	10,177	-
928 ASSOCIATED DUES	OM928	OMSUB2	(1,511)	(913)	-	(77)	(759)	(42)	(1,081)	(0)
929 DUPLICATE CHARGES - CREDIT	OM929	OMSUB2	(492)	(297)	-	(25)	(247)	(14)	(352)	(0)
930 MISCELLANEOUS GENERAL EXPENSES	OM930	OMSUB2	115,029	69,513	-	5,832	57,775	3,215	82,281	3
931 RENTS AND LEASES	OM931	NTPLANT	3,787	2,543	-	957	578	579	-	-
932 MAINTENANCE OF GENERAL PLANT	OM932	PGP	-	-	-	-	-	-	-	-
933 TRANSPORTATION EXPENSES	OM933	PGP	-	-	-	-	-	-	-	-
935 MAINT OF GENERAL PLANT	OM935	NTPLANT	34,753	23,334	-	8,783	5,302	5,316	-	-
Total Administrative and General Expense	OMAG		\$ 540,603	\$ 330,283	\$ -	\$ 38,663	\$ 280,877	\$ 22,324	\$ 391,743	\$ 9
Total Operation and Maintenance Expenses	TOM		\$ 2,275,857	\$ 1,378,914	\$ -	\$ 126,644	\$ 1,152,438	\$ 70,819	\$ 1,632,979	\$ 48
Operation and Maintenance Expenses Less Purchase Power	OMLPP		\$ 2,275,857	\$ 1,378,914	\$ -	\$ 126,644	\$ 1,152,438	\$ 70,819	\$ 1,632,979	\$ 48

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Other Expenses							
Depreciation Expenses							
Steam Prod Plant	DEPRPP	PPROD	-	-	-	-	-
Transmission	DEPRTP	PTRAN	-	-	-	-	-
Dist-Structures	DEPRDP1	P361	-	-	-	-	-
Dist-Station	DEPRDP2	P362	-	-	-	-	-
Dist-Poles and Fixtures	DEPRDP3	P364	-	-	-	-	-
Dist-OH Conductor	DEPRDP4	P365	-	-	-	-	-
Dist-UG Conduit	DEPRDP5	P366	-	-	-	-	-
Dist-UG Conductor	DEPRDP6	P367	-	-	-	-	-
Dist-Line Transformers	DEPRDP7	P368	-	-	-	-	-
Dist-Services	DEPRDP8	P369	-	-	-	-	-
Dist-Meters	DEPRDP9	P370	-	-	-	-	-
Dist-Installations on Customer Premises	DEPRDP10	P371	-	-	-	-	-
Dist-Lighting & Signal Systems	DEPRDP11	P373	-	-	-	-	-
Distribution Plant	DEPRDP12	PDIST	2,508,464	-	-	-	21,806
General Plant	DEPRGP	PGP	120,816	-	-	-	1,050
Asset Retirement Costs	DEPRGP	PGP	-	-	-	-	-
AMORT LIMITED-TERM ELECT PLANT	DEPRLTP	PT&D	-	-	-	-	-
AMORT ELECT PLANT ACQUISIT ADJ	DEPRAADJ	PDIST	-	-	-	-	-
Total Depreciation Expense	TDEPR		\$ 2,629,280	-	-	-	22,856
Property Taxes	PTAX	NTPLANT	\$ -	-	-	-	-
Other Taxes (PSC Assessment)	OT	NTPLANT	\$ 25,966	-	-	-	226
Interest -- LTD	INTLTD	NTPLANT	\$ 778,919	-	-	-	6,771
Interest -- Other	INTOTH	NTPLANT	\$ 176,158	-	-	-	1,531
Regulatory Liabilities	REGLIAB	NTPLANT	\$ -	-	-	-	-
Other Deductions	DEDUCT	NTPLANT	\$ 14,010	-	-	-	122
Total Other Expenses	TOE		\$ 3,624,333	\$ -	\$ -	\$ -	\$ 31,506
Total Cost of Service (O&M + Other Expenses)			\$ 28,098,717	\$ 5,014,334	\$ 12,813,299	\$ -	\$ 40,558

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Other Expenses										
Depreciation Expenses										
Steam Prod Plant	DEPRPP	PPROD	-	-	-	-	-	-	-	-
Transmission	DEPRTP	PTRAN	-	-	-	-	-	-	-	-
Dist-Structures	DEPRDP1	P361	-	-	-	-	-	-	-	-
Dist-Station	DEPRDP2	P362	-	-	-	-	-	-	-	-
Dist-Poles and Fixtures	DEPRDP3	P364	-	-	-	-	-	-	-	-
Dist-OH Conductor	DEPRDP4	P365	-	-	-	-	-	-	-	-
Dist-UG Conduit	DEPRDP5	P366	-	-	-	-	-	-	-	-
Dist-UG Conductor	DEPRDP6	P367	-	-	-	-	-	-	-	-
Dist-Line Transformers	DEPRDP7	P368	-	-	-	-	-	-	-	-
Dist-Services	DEPRDP8	P369	-	-	-	-	-	-	-	-
Dist-Meters	DEPRDP9	P370	-	-	-	-	-	-	-	-
Dist-Installations on Customer Premises	DEPRDP10	P371	-	-	-	-	-	-	-	-
Dist-Lighting & Signal Systems	DEPRDP11	P373	-	-	-	-	-	-	-	-
Distribution Plant	DEPRDP12	PDIST	1,115,238	748,818	-	281,859	170,137	170,607	-	-
General Plant	DEPRGP	PGP	53,713	36,065	-	13,575	8,194	8,217	-	-
Asset Retirement Costs	DEPRGP	PGP	-	-	-	-	-	-	-	-
AMORT LIMITED-TERM ELECT PLANT	DEPRLTEP	PT&D	-	-	-	-	-	-	-	-
AMORT ELECT PLANT ACQUISIT ADJ	DEPRAADJ	PDIST	-	-	-	-	-	-	-	-
Total Depreciation Expense	TDEPR		1,168,952	784,883	-	295,435	178,331	178,824	-	-
Property Taxes	PTAX	NTPLANT	-	-	-	-	-	-	-	-
Other Taxes (PSC Assessment)	OT	NTPLANT	11,544	7,751	-	2,918	1,761	1,766	-	-
Interest -- LTD	INTLTD	NTPLANT	346,300	232,520	-	87,522	52,830	52,976	-	-
Interest -- Other	INTOTH	NTPLANT	78,318	52,586	-	19,794	11,948	11,981	-	-
Regulatory Liabilities	REGLIAB	NTPLANT	-	-	-	-	-	-	-	-
Other Deductions	DEDUCT	NTPLANT	6,229	4,182	-	1,574	950	953	-	-
Total Other Expenses	TOE		\$ 1,611,342	\$ 1,081,923	\$ -	\$ 407,242	\$ 245,820	\$ 246,499	\$ -	\$ -
Total Cost of Service (O&M + Other Expenses)			\$ 3,887,199	\$ 2,460,837	\$ -	\$ 533,887	\$ 1,398,258	\$ 317,319	\$ 1,632,979	\$ 48

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Labor Expenses							
Steam Power Production Operations Expense							
500 OPERATION SUPV AND ENGINEERING	LB500	PPROD	\$ -	-	-	-	-
501 FUEL	LB501	F017	-	-	-	-	-
502 STEAM EXPENSES	LB502	F016	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	LB503	F016	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	LB504	F016	-	-	-	-	-
505 ELECTRIC EXPENSES	LB505	F016	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	LB506	F016	-	-	-	-	-
507 RENTS	LB507	F016	-	-	-	-	-
509 ALLOWANCES	LB509	F017	-	-	-	-	-
Total Steam Production Operation Expense	LBPO		\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense							
510 MAINTENANCE SUPV AND ENGINEERING	LB510	F017	\$ -	-	-	-	-
511 MAINTENANCE OF STRUCTURES	LB511	F016	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	LB512	F017	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	LB513	F017	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	LB514	F016	-	-	-	-	-
Total Steam Production Maintenance Expense	LBPM		\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	LBP		-	-	-	-	-

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Labor Expenses										
Steam Power Production Operations Expense										
500 OPERATION SUPV AND ENGINEERING	LB500	PPROD	-	-	-	-	-	-	-	-
501 FUEL	LB501	F017	-	-	-	-	-	-	-	-
502 STEAM EXPENSES	LB502	F016	-	-	-	-	-	-	-	-
503 STEAM FROM OTHER SOURCES	LB503	F016	-	-	-	-	-	-	-	-
504 STEAM TRANSFERRED - CREDIT	LB504	F016	-	-	-	-	-	-	-	-
505 ELECTRIC EXPENSES	LB505	F016	-	-	-	-	-	-	-	-
506 MISC STEAM POWER EXPENSES	LB506	F016	-	-	-	-	-	-	-	-
507 RENTS	LB507	F016	-	-	-	-	-	-	-	-
509 ALLOWANCES	LB509	F017	-	-	-	-	-	-	-	-
Total Steam Production Operation Expense	LBPO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steam Power Production Maintenance Expense										
510 MAINTENANCE SUPV AND ENGINEERING	LB510	F017	-	-	-	-	-	-	-	-
511 MAINTENANCE OF STRUCTURES	LB511	F016	-	-	-	-	-	-	-	-
512 MAINTENANCE OF BOILER PLANT	LB512	F017	-	-	-	-	-	-	-	-
513 MAINTENANCE OF ELECTRIC PLANT	LB513	F017	-	-	-	-	-	-	-	-
514 MAINTENANCE OF MISC STEAM PLANT	LB514	F016	-	-	-	-	-	-	-	-
Total Steam Production Maintenance Expense	LBPM		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Steam Production Operation and Maintenance Expenses	LBP		-	-	-	-	-	-	-	-

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission Demand	Station Equipment Demand
				Demand	Energy		
Labor Expenses (Continued)							
Purchased Power							
555 PURCHASED POWER	LB555	OMPP	\$ -	-	-	-	-
557 OTHER EXPENSES	LB557	OMPP	-	-	-	-	-
Total Purchased Power Labor	LBPP		\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Labor Expenses							
560 OPERATION SUPERVISION AND ENG	LB560	PTRAN	\$ -	-	-	-	-
561 LOAD DISPATCHING	LB561	PTRAN	-	-	-	-	-
562 STATION EXPENSES	LB562	PTRAN	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	LB563	PTRAN	-	-	-	-	-
566 MISC. TRANSMISSION EXPENSES	LB566	PTRAN	-	-	-	-	-
568 MAINTENACE SUPERVISION AND ENG	LB568	PTRAN	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	LB570	PTRAN	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	LB571	PTRAN	-	-	-	-	-
Total Transmission Labor Expenses			\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Labor Expense							
580 OPERATION SUPERVISION AND ENGI	LB580	PDIST	\$ 181,408	-	-	-	1,577
581 LOAD DISPATCHING	LB581	P362	-	-	-	-	-
582 STATION EXPENSES	LB582	P362	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	LB583	P365	28,002	-	-	-	-
584 UNDERGROUND LINE EXPENSES	LB584	P367	-	-	-	-	-
585 STREET LIGHTING EXPENSE	LB585	P371	-	-	-	-	-
586 METER EXPENSES	LB586	P370	467,712	-	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	LB586x	F012	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	LB587	P369	-	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	LB588	PDIST	140,933	-	-	-	1,225
589 RENTS	LB589	PDIST	-	-	-	-	-
Total Distribution Operation Labor Expense	LBDO		\$ 818,056	\$ -	\$ -	\$ -	\$ 2,802

BIG SANDY RECC
Cost of Service Study
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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Labor Expenses (Continued)										
Purchased Power										
555 PURCHASED POWER	LB555	OMPP	-	-	-	-	-	-	-	-
557 OTHER EXPENSES	LB557	OMPP	-	-	-	-	-	-	-	-
Total Purchased Power Labor	LBPP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Labor Expenses										
560 OPERATION SUPERVISION AND ENG	LB560	PTRAN	-	-	-	-	-	-	-	-
561 LOAD DISPATCHING	LB561	PTRAN	-	-	-	-	-	-	-	-
562 STATION EXPENSES	LB562	PTRAN	-	-	-	-	-	-	-	-
563 OVERHEAD LINE EXPENSES	LB563	PTRAN	-	-	-	-	-	-	-	-
566 MISC. TRANSMISSION EXPENSES	LB566	PTRAN	-	-	-	-	-	-	-	-
568 MAINTENACE SUPERVISION AND ENG	LB568	PTRAN	-	-	-	-	-	-	-	-
570 MAINT OF STATION EQUIPMENT	LB570	PTRAN	-	-	-	-	-	-	-	-
571 MAINT OF OVERHEAD LINES	LB571	PTRAN	-	-	-	-	-	-	-	-
Total Transmission Labor Expenses			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Operation Labor Expense										
580 OPERATION SUPERVISION AND ENGI	LB580	PDIST	80,652	54,153	-	20,384	12,304	12,338	-	-
581 LOAD DISPATCHING	LB581	P362	-	-	-	-	-	-	-	-
582 STATION EXPENSES	LB582	P362	-	-	-	-	-	-	-	-
583 OVERHEAD LINE EXPENSES	LB583	P365	17,667	10,335	-	-	-	-	-	-
584 UNDERGROUND LINE EXPENSES	LB584	P367	-	-	-	-	-	-	-	-
585 STREET LIGHTING EXPENSE	LB585	P371	-	-	-	-	-	-	-	-
586 METER EXPENSES	LB586	P370	-	-	-	-	467,712	-	-	-
586 METER EXPENSES - LOAD MANAGEMENT	LB586x	F012	-	-	-	-	-	-	-	-
587 CUSTOMER INSTALLATIONS EXPENSE	LB587	P369	-	-	-	-	-	-	-	-
588 MISCELLANEOUS DISTRIBUTION EXP	LB588	PDIST	62,658	42,071	-	15,836	9,559	9,585	-	-
589 RENTS	LB589	PDIST	-	-	-	-	-	-	-	-
Total Distribution Operation Labor Expense	LBDO		\$ 160,977	\$ 106,559	\$ -	\$ 36,219	\$ 489,575	\$ 21,923	\$ -	\$ -

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Labor Expenses (Continued)							
Distribution Maintenance Labor Expense							
590 MAINTENANCE SUPERVISION AND EN	LB590	PDIST	196,498	-	-	-	1,708
592 MAINTENANCE OF STATION EQUIPME	LB592	P362	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	LB593	P365	725,242	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	LB594	P367	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	LB595	P368	1,511	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	LB596	P373	-	-	-	-	-
597 MAINTENANCE OF METERS	LB597	P370	-	-	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	LB598	PDIST	-	-	-	-	-
Total Distribution Maintenance Labor Expense	LBDM		\$ 923,251	\$ -	\$ -	\$ -	\$ 1,708
Total Distribution Operation and Maintenance Labor Expenses			1,741,306	-	-	-	4,510
Transmission and Distribution Labor Expenses			1,741,306	-	-	-	4,510
Purchased Power, Transmission and Distribution Labor Expenses	LBSUB		\$ 1,741,306	\$ -	\$ -	\$ -	\$ 4,510
Customer Accounts Expense							
901 SUPERVISION/CUSTOMER ACCTS	LB901	F009	\$ -	-	-	-	-
902 METER READING EXPENSES	LB902	F009	125,831	-	-	-	-
903 RECORDS AND COLLECTION	LB903	F009	491,979	-	-	-	-
904 UNCOLLECTIBLE ACCOUNTS	LB904	F009	-	-	-	-	-
905 MISC CUST ACCOUNTS	LB903	F009	-	-	-	-	-
Total Customer Accounts Labor Expense	LBCA		\$ 617,810	\$ -	\$ -	\$ -	\$ -
Customer Service Expense							
907 SUPERVISION	LB907	F010	\$ -	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	LB908	F010	99,080	-	-	-	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	LB908x	F012	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	LB909	F010	-	-	-	-	-
909 INFORM AND INSTRUC -LOAD MGMT	LB909x	F012	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	LB910	F010	-	-	-	-	-
911 SUPERVISION	LB911	F010	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	LB912	F012	-	-	-	-	-
913 WATER HEATER - HEAT PUMP PROGRAM	LB913	F012	-	-	-	-	-
915 MDSE-JOBING-CONTRACT	LB915	F012	-	-	-	-	-
916 MISC SALES EXPENSE	LB916	F012	-	-	-	-	-
Total Customer Service Labor Expense	LBCS		\$ 99,080	\$ -	\$ -	\$ -	\$ -
Sub-Total Trans, Distr, Cust Acct and Cust Service Labor Exp	LBSUB2		2,458,196	-	-	-	4,510

BIG SANDY RECC
Cost of Service Study
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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust	Load
			Demand	Customer	Demand	Customer	Customer	Customer	Acct Service Customer	Management Customer
Labor Expenses (Continued)										
Distribution Maintenance Labor Expense										
590 MAINTENANCE SUPERVISION AND EN	LB590	PDIST	87,361	58,658	-	22,079	13,327	13,364	-	-
592 MAINTENANCE OF STATION EQUIPME	LB592	P362	-	-	-	-	-	-	-	-
593 MAINTENANCE OF OVERHEAD LINES	LB593	P365	457,565	267,676	-	-	-	-	-	-
594 MAINTENANCE OF UNDERGROUND LIN	LB594	P367	-	-	-	-	-	-	-	-
595 MAINTENANCE OF LINE TRANSFORME	LB595	P368	817	694	-	-	-	-	-	-
596 MAINTENANCE OF ST LIGHTS & SIG SYSTEMS	LB596	P373	-	-	-	-	-	-	-	-
597 MAINTENANCE OF METERS	LB597	P370	-	-	-	-	-	-	-	-
598 MAINTENANCE OF MISC DISTR PLANT	LB598	PDIST	-	-	-	-	-	-	-	-
Total Distribution Maintenance Labor Expense	LBDM		\$ 545,744	\$ 327,028	\$ -	\$ 22,079	\$ 13,327	\$ 13,364	\$ -	\$ -
Total Distribution Operation and Maintenance Labor Expenses			706,720	433,587	-	58,299	502,902	35,287	-	-
Transmission and Distribution Labor Expenses			706,720	433,587	-	58,299	502,902	35,287	-	-
Purchased Power, Transmission and Distribution Labor Expenses	LBSUB		\$ 706,720	\$ 433,587	\$ -	\$ 58,299	\$ 502,902	\$ 35,287	\$ -	\$ -
Customer Accounts Expense										
901 SUPERVISION/CUSTOMER ACCTS	LB901	F009	-	-	-	-	-	-	-	-
902 METER READING EXPENSES	LB902	F009	-	-	-	-	-	-	125,831	-
903 RECORDS AND COLLECTION	LB903	F009	-	-	-	-	-	-	491,979	-
904 UNCOLLECTIBLE ACCOUNTS	LB904	F009	-	-	-	-	-	-	-	-
905 MISC CUST ACCOUNTS	LB903	F009	-	-	-	-	-	-	-	-
Total Customer Accounts Labor Expense	LBCA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 617,810	\$ -
Customer Service Expense										
907 SUPERVISION	LB907	F010	-	-	-	-	-	-	-	-
908 CUSTOMER ASSISTANCE EXPENSES	LB908	F010	-	-	-	-	-	-	99,080	-
908 CUSTOMER ASSISTANCE EXP-LOAD MGMT	LB908x	F012	-	-	-	-	-	-	-	-
909 INFORMATIONAL AND INSTRUCTIONA	LB909	F010	-	-	-	-	-	-	-	-
909 INFORM AND INSTRUC -LOAD MGMT	LB909x	F012	-	-	-	-	-	-	-	-
910 MISCELLANEOUS CUSTOMER SERVICE	LB910	F010	-	-	-	-	-	-	-	-
911 SUPERVISION	LB911	F010	-	-	-	-	-	-	-	-
912 DEMONSTRATION AND SELLING EXP	LB912	F012	-	-	-	-	-	-	-	-
913 WATER HEATER - HEAT PUMP PROGRAM	LB913	F012	-	-	-	-	-	-	-	-
915 MDSE-JOBING-CONTRACT	LB915	F012	-	-	-	-	-	-	-	-
916 MISC SALES EXPENSE	LB916	F012	-	-	-	-	-	-	-	-
Total Customer Service Labor Expense	LBCS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,080	\$ -
Sub-Total Trans, Distr, Cust Acct and Cust Service Labor Exp	LBSUB2		706,720	433,587	-	58,299	502,902	35,287	716,890	-

BIG SANDY RECC
Cost of Service Study
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12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Labor Expenses (Continued)							
Administrative and General Expense							
920 ADMIN. & GEN. SALARIES-	LB920	OMSUB2	\$ 724,000	-	-	-	890
921 OFFICE SUPPLIES AND EXPENSES	LB921	LBSUB2	-	-	-	-	-
923 OUTSIDE SERVICES EMPLOYED	LB923	OMSUB2	-	-	-	-	-
924 PROPERTY INSURANCE	LB924	NTPLANT	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	LB925	LBSUB2	-	-	-	-	-
926 EMPLOYEE BENEFITS	LB926	LBSUB2	400,023	-	-	-	734
928 REGULATORY COMMISSION EXPENSES	LB928	OMSUB2	-	-	-	-	-
929 DUPLICATE CHARGES-CR	LB929	OMSUB2	-	-	-	-	-
930 MISCELLANEOUS GENERAL EXPENSES	LB930	OMSUB2	3,714	-	-	-	5
931 RENTS AND LEASES	LB931	NTPLANT	-	-	-	-	-
935 MAINTENANCE OF GENERAL PLANT	LB935	PGP	-	-	-	-	-
950 PAYROLL GENERAL LEDGER DEFAULT	LB950	PGP	-	-	-	-	-
Total Administrative and General Expense	LBAG		\$ 1,127,737	\$ -	\$ -	\$ -	\$ 1,629
Total Operation and Maintenance Expenses	TLB		\$ 3,585,933	\$ -	\$ -	\$ -	\$ 6,139
Operation and Maintenance Expenses Less Purchase Power	LBLPP		\$ 3,585,933	\$ -	\$ -	\$ -	\$ 6,139

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Labor Expenses (Continued)										
Administrative and General Expense										
920 ADMIN. & GEN. SALARIES-	LB920	OMSUB2	249,300	150,655	-	12,640	125,215	6,967	178,326	6
921 OFFICE SUPPLIES AND EXPENSES	LB921	LBSUB2	-	-	-	-	-	-	-	-
923 OUTSIDE SERVICES EMPLOYED	LB923	OMSUB2	-	-	-	-	-	-	-	-
924 PROPERTY INSURANCE	LB924	NTPLANT	-	-	-	-	-	-	-	-
925 INJURIES AND DAMAGES - INSURAN	LB925	LBSUB2	-	-	-	-	-	-	-	-
926 EMPLOYEE BENEFITS	LB926	LBSUB2	115,005	70,558	-	9,487	81,837	5,742	116,660	-
928 REGULATORY COMMISSION EXPENSES	LB928	OMSUB2	-	-	-	-	-	-	-	-
929 DUPLICATE CHARGES-CR	LB929	OMSUB2	-	-	-	-	-	-	-	-
930 MISCELLANEOUS GENERAL EXPENSES	LB930	OMSUB2	1,279	773	-	65	642	36	915	0
931 RENTS AND LEASES	LB931	NTPLANT	-	-	-	-	-	-	-	-
935 MAINTENANCE OF GENERAL PLANT	LB935	PGP	-	-	-	-	-	-	-	-
950 PAYROLL GENERAL LEDGER DEFAULT	LB950	PGP	-	-	-	-	-	-	-	-
Total Administrative and General Expense	LBAG		\$ 365,584	\$ 221,985	\$ -	\$ 22,192	\$ 207,695	\$ 12,745	\$ 295,900	\$ 6
Total Operation and Maintenance Expenses	TLB		\$ 1,072,305	\$ 655,572	\$ -	\$ 80,490	\$ 710,598	\$ 48,033	\$ 1,012,791	\$ 6
Operation and Maintenance Expenses Less Purchase Power	LBLPP		\$ 1,072,305	\$ 655,572	\$ -	\$ 80,490	\$ 710,598	\$ 48,033	\$ 1,012,791	\$ 6

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	Power Supply		Transmission	Station Equipment
				Demand	Energy	Demand	Demand
Functional Vectors							
Station Equipment	F001		1.000000	0.000000	0.000000	0.000000	1.000000
Poles, Towers and Fixtures	F002		1.000000	0.000000	0.000000	0.000000	0.000000
Overhead Conductors and Devices	F003		1.000000	0.000000	0.000000	0.000000	0.000000
Underground Conductors and Devices	F004		1.000000	0.000000	0.000000	0.000000	0.000000
Line Transformers	F005		1.000000	0.000000	0.000000	0.000000	0.000000
Services	F006		1.000000	0.000000	0.000000	0.000000	0.000000
Meters	F007		1.000000	0.000000	0.000000	0.000000	0.000000
Street Lighting	F008		1.000000	0.000000	0.000000	0.000000	0.000000
Meter Reading	F009		1.000000	0.000000	0.000000	0.000000	0.000000
Billing	F010		1.000000	0.000000	0.000000	0.000000	0.000000
Transmission	F011		1.000000	0.000000	0.000000	1.000000	0.000000
Load Management	F012		1.000000	0.000000	0.000000	0.000000	0.000000
Purchased Power Expenses	OMPP		1.000000	0.2813	0.7187	-	-
Installations on Customer Premises - Plant in Service	F013		1.000000	0.000000	0.000000	0.000000	0.000000
Installations on Customer Premises - Accum Depr	F014		1.000000	0.000000	0.000000	0.000000	0.000000
Mapping	F015		1.000000	0.000000	0.000000	0.000000	0.000000
Production - Demand	F016		1.000000	1.000000	0.000000	0.000000	0.000000
Production - Energy	F017		1.000000	0.000000	1.000000	0.000000	0.000000

BIG SANDY RECC
Cost of Service Study
Functional Assignment and Classification

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Pri & Sec. Distr Plant		Customer Services		Meters	Lighting	Meter Reading Billing and Cust Acct Service	Load Management
			Demand	Customer	Demand	Customer	Customer	Customer	Customer	Customer
Functional Vectors										
Station Equipment	F001		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Poles, Towers and Fixtures	F002		0.630914	0.369086	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Overhead Conductors and Devices	F003		0.630914	0.369086	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Underground Conductors and Devices	F004		0.047274	0.952726	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Line Transformers	F005		0.540930	0.459070	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Services	F006		0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000
Meters	F007		0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000
Street Lighting	F008		0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000
Meter Reading	F009		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
Billing	F010		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000
Transmission	F011		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Load Management	F012		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000
Purchased Power Expenses	OMPP		-	-	-	-	-	-	-	-
Installations on Customer Premises - Plant in Service	F013		0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000
Installations on Customer Premises - Accum Depr	F014		0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000
Mapping	F015		0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Production - Demand	F016		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Production - Energy	F017		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

Exhibit JW-5 COSS: Allocation to Rate Classes & Returns

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Plant in Service									
Production & Purchase Power									
Demand	PLPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	PLPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	PLPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	PLTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	PLSED	SA1	\$ 549,557	\$ 436,791	\$ 28,160	\$ 57,490	\$ 9,163	\$ 12,291	\$ 5,662
Primary & Secondary Distribution Plant									
Demand	PLDPD	DA1	\$ 28,106,605	\$ 20,162,272	\$ 728,980	\$ 3,127,978	\$ 1,518,963	\$ 530,987	\$ 2,037,425
Customer	PLDPC	C01	\$ 18,871,957	\$ 17,268,181	\$ 1,300,919	\$ 238,686	\$ 12,660	\$ 1,489	\$ 50,021
Total Primary Distribution Plant	PLD		\$ 46,978,562	\$ 37,430,453	\$ 2,029,900	\$ 3,366,664	\$ 1,531,623	\$ 532,476	\$ 2,087,446
Customer Services									
Demand	PLCSD	CSA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	PLCSC	SERV	\$ 7,103,516	\$ 6,318,786	\$ 476,033	\$ 196,515	\$ 112,181	\$ -	\$ -
Total Customer Services			\$ 7,103,516	\$ 6,318,786	\$ 476,033	\$ 196,515	\$ 112,181	\$ -	\$ -
Meters									
Customer	PLMC	C03	\$ 4,287,838	\$ 3,845,849	\$ 289,732	\$ 142,077	\$ 9,108	\$ 1,072	\$ -
Lighting Systems									
Customer	PLLS	C04	\$ 4,299,684	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,299,684
Meter Reading, Billing and Customer Service									
Customer	PLMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management									
Customer	PLCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	PLT		\$ 63,219,157	\$ 48,031,880	\$ 2,823,825	\$ 3,762,746	\$ 1,662,076	\$ 545,839	\$ 6,392,791

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Net Utility Plant									
Production & Purchase Power									
Demand	NPPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	NPPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	NPPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	NPTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	NPSED	SA1	\$ 301,363	\$ 239,525	\$ 15,442	\$ 31,526	\$ 5,025	\$ 6,740	\$ 3,105
Primary Distribution Plant									
Demand	NPPPD	DA1	\$ 15,412,947	\$ 11,056,477	\$ 399,754	\$ 1,715,303	\$ 832,961	\$ 291,180	\$ 1,117,272
Customer	NPDPC	C01	\$ 10,348,901	\$ 9,469,431	\$ 713,391	\$ 130,889	\$ 6,943	\$ 817	\$ 27,430
Total Primary Distribution Plant			\$ 25,761,848	\$ 20,525,908	\$ 1,113,145	\$ 1,846,193	\$ 839,903	\$ 291,996	\$ 1,144,702
Customer Services									
Demand	NPCSD	CSA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	NPCSC	SERV	\$ 3,895,387	\$ 3,465,062	\$ 261,045	\$ 107,764	\$ 61,517	\$ -	\$ -
Total Customer Services			\$ 3,895,387	\$ 3,465,062	\$ 261,045	\$ 107,764	\$ 61,517	\$ -	\$ -
Meters									
Customer	NPMC	C03	\$ 2,351,341	\$ 2,108,966	\$ 158,882	\$ 77,912	\$ 4,995	\$ 588	\$ -
Lighting Systems									
Customer	NPLSC	C04	\$ 2,357,837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,357,837
Meter Reading, Billing and Customer Service									
Customer	NPMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management									
Customer	NPCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	NPT		\$ 34,667,777	\$ 26,339,461 0.76	\$ 1,548,514	\$ 2,063,394	\$ 911,440	\$ 299,324	\$ 3,505,644

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Net Cost Rate Base									
Production & Purchase Power									
Demand	RBPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	RBPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	RBPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	RBTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	RBSED	SA1	\$ 301,613	\$ 239,724	\$ 15,455	\$ 31,552	\$ 5,029	\$ 6,746	\$ 3,107
Primary Distribution Plant									
Demand	RBDPD	DA1	\$ 15,652,359	\$ 11,228,219	\$ 405,964	\$ 1,741,948	\$ 845,899	\$ 295,703	\$ 1,134,627
Customer	RBDPC	C01	\$ 10,491,003	\$ 9,599,457	\$ 723,187	\$ 132,687	\$ 7,038	\$ 828	\$ 27,807
Total Primary Distribution Plant			\$ 26,143,362	\$ 20,827,676	\$ 1,129,150	\$ 1,874,634	\$ 852,937	\$ 296,531	\$ 1,162,433
Customer Services									
Demand	RBCSD	CSA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	RBCSC	SERV	\$ 3,899,827	\$ 3,469,011	\$ 261,342	\$ 107,887	\$ 61,587	\$ -	\$ -
Total Customer Services			\$ 3,899,827	\$ 3,469,011	\$ 261,342	\$ 107,887	\$ 61,587	\$ -	\$ -
Meters									
Customer	RBMC	C03	\$ 2,488,520	\$ 2,232,005	\$ 168,151	\$ 82,457	\$ 5,286	\$ 622	\$ -
Lighting Systems									
Customer	RBLSC	C04	\$ 2,359,795	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,359,795
Meter Reading, Billing and Customer Service									
Customer	RBMRBC	C05	\$ 204,122	\$ 186,776	\$ 14,071	\$ 2,582	\$ 137	\$ 16	\$ 541
Load Management									
Customer	RBCSC	C06	\$ 6	\$ 5	\$ 0	\$ 0	\$ 0	\$ -	\$ 0
Total	RBT		\$ 35,397,246	\$ 26,955,197	\$ 1,588,170	\$ 2,099,112	\$ 924,976	\$ 303,915	\$ 3,525,877
			1.0000	0.7615	0.0449	0.0593	0.0261	0.0086	0.0996

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Operation and Maintenance Expenses									
Production & Purchase Power									
Demand	OMPPD	PPDA	\$ 5,014,334	\$ 3,931,614	\$ 253,469	\$ 517,474	\$ 82,480	\$ 178,337	\$ 50,960
Energy	OMPPE	PPEA	12,813,299	9,463,030	563,343	1,510,596	695,900	340,205	240,224
Total Purchase Power	OMPPT		17,827,633	13,394,643	816,813	2,028,071	778,380	518,542	291,185
Transmission									
Demand	OMTD	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	OMSED	SOMA	\$ 9,052	\$ 7,194	\$ 464	\$ 947	\$ 151	\$ 202	\$ 93
Primary Distribution Plant									
Demand	OMDPD	DOM	\$ 2,275,857	\$ 1,632,586	\$ 59,027	\$ 253,280	\$ 122,994	\$ 42,995	\$ 164,975
Customer	OMDPC	C01	1,378,914	1,261,731	95,054	17,440	925	109	3,655
Total Primary Distribution Plant			\$ 3,654,771	\$ 2,894,317	\$ 154,081	\$ 270,720	\$ 123,919	\$ 43,104	\$ 168,630
Customer Services									
Demand	OMCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	OMCSC	SERV	126,644	112,654	8,487	3,504	2,000	-	-
Total Customer Services			\$ 126,644	\$ 112,654	\$ 8,487	\$ 3,504	\$ 2,000	\$ -	\$ -
Meters									
Customer	OMMC	C03	\$ 1,152,438	\$ 1,033,645	\$ 77,871	\$ 38,186	\$ 2,448	\$ 288	\$ -
Lighting Systems									
Customer	OMLSC	C04	\$ 70,819	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,819
Meter Reading, Billing and Customer Service									
Customer	OMMRBC	C05	\$ 1,632,979	\$ 1,494,206	\$ 112,568	\$ 20,653	\$ 1,095	\$ 129	\$ 4,328
Load Management									
Customer	OMCSC	C06	\$ 48	\$ 44	\$ 3	\$ 1	\$ 0	\$ -	\$ 0
Total	OMT		\$ 24,474,384	\$ 18,936,703	\$ 1,170,287	\$ 2,362,081	\$ 907,993	\$ 562,265	\$ 535,055
			1.0000	0.7737	0.0478	0.0965	0.0371	0.0230	0.0219

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Labor Expenses									
Production & Purchase Power									
Demand	LBPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	LBPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	LBPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	LBDT	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	LBSED	SOMA	\$ 6,139	\$ 4,879	\$ 315	\$ 642	\$ 102	\$ 137	\$ 63
Primary Distribution Plant									
Demand	LBDPD	DOM	\$ 1,072,305	\$ 769,218	\$ 27,812	\$ 119,337	\$ 57,950	\$ 20,258	\$ 77,730
Customer	LBDPC	C01	\$ 655,572	\$ 599,861	\$ 45,191	\$ 8,291	\$ 440	\$ 52	\$ 1,738
Total Primary Distribution Plant			\$ 1,727,877	\$ 1,369,078	\$ 73,003	\$ 127,628	\$ 58,390	\$ 20,310	\$ 79,468
Customer Services									
Demand	LBCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	LBCSC	SERV	\$ 80,490	\$ 71,599	\$ 5,394	\$ 2,227	\$ 1,271	\$ -	\$ -
Total Customer Services			\$ 80,490	\$ 71,599	\$ 5,394	\$ 2,227	\$ 1,271	\$ -	\$ -
Meters									
Customer	LBMC	C03	\$ 710,598	\$ 637,349	\$ 48,015	\$ 23,546	\$ 1,509	\$ 178	\$ -
Lighting Systems									
Customer	LBLSC	C04	\$ 48,033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,033
Meter Reading, Billing and Customer Service									
Customer	LBMRBC	C05	\$ 1,012,791	\$ 926,722	\$ 69,816	\$ 12,809	\$ 679	\$ 80	\$ 2,684
Load Management									
Customer	LBCSC	C06	\$ 6	\$ 5	\$ 0	\$ 0	\$ 0	\$ -	\$ 0
Total	LBT		\$ 3,585,933	\$ 3,009,632	\$ 196,543	\$ 166,852	\$ 61,953	\$ 20,704	\$ 130,249
			1.0000	0.8393	0.0548	0.0465	0.0173	0.0058	0.0363

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Depreciation Expenses									
Production & Purchase Power									
Demand	DPPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	DPPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	DPPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	DPTD	TA1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	DPSED	SA1	\$ 22,856	\$ 18,166	\$ 1,171	\$ 2,391	\$ 381	\$ 511	\$ 235
Primary Distribution Plant									
Demand	DPDPD	DA1	\$ 1,168,952	\$ 838,547	\$ 30,318	\$ 130,092	\$ 63,174	\$ 22,084	\$ 84,736
Customer	DPDPC	C01	\$ 784,883	\$ 718,182	\$ 54,105	\$ 9,927	\$ 527	\$ 62	\$ 2,080
Total Primary Distribution Plant			\$ 1,953,835	\$ 1,556,730	\$ 84,423	\$ 140,019	\$ 63,700	\$ 22,146	\$ 86,817
Customer Services									
Demand	DPCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	DPCSC	SERV	\$ 295,435	\$ 262,798	\$ 19,798	\$ 8,173	\$ 4,666	\$ -	\$ -
Total Customer Services			\$ 295,435	\$ 262,798	\$ 19,798	\$ 8,173	\$ 4,666	\$ -	\$ -
Meters									
Customer	DPMC	C03	\$ 178,331	\$ 159,949	\$ 12,050	\$ 5,909	\$ 379	\$ 45	\$ -
Lighting Systems									
Customer	DPLSC	C04	\$ 178,824	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,824
Meter Reading, Billing and Customer Service									
Customer	DPMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management									
Customer	DPCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	DPT		\$ 2,629,280	\$ 1,997,642	\$ 117,443	\$ 156,492	\$ 69,126	\$ 22,701	\$ 265,876
			1.0000	0.7598	0.0447	0.0595	0.0263	0.0086	0.1011

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Property Taxes									
Production & Purchase Power									
Demand	PTPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	PTPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	PTPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	PTTD	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	PTSED	SOMA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Primary Distribution Plant									
Demand	PTDPD	DOM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	PTDPC	C01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Primary Distribution Plant			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Services									
Demand	PTCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	PTCSC	SERV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Customer Services			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meters									
Customer	PTMC	C03	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lighting Systems									
Customer	PTLSC	C04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Meter Reading, Billing and Customer Service									
Customer	PTMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management									
Customer	PTCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	PTT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Other Taxes									
Production & Purchase Power									
Demand	OTPPD	PPDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Energy	OTPPE	PPEA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Purchase Power	OTPPT		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission									
Demand	OTTD	TOMA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Station Equipment									
Demand	OTSED	SOMA	\$ 226	\$ 179	\$ 12	\$ 24	\$ 4	\$ 5	\$ 2
Primary Distribution Plant									
Demand	OTDPD	DOM	\$ 11,544	\$ 8,281	\$ 299	\$ 1,285	\$ 624	\$ 218	\$ 837
Customer	OTDPC	C01	\$ 7,751	\$ 7,093	\$ 534	\$ 98	\$ 5	\$ 1	\$ 21
Total Primary Distribution Plant			\$ 19,296	\$ 15,374	\$ 834	\$ 1,383	\$ 629	\$ 219	\$ 857
Customer Services									
Demand	OTCSD	SERV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer	OTCSC	SERV	\$ 2,918	\$ 2,595	\$ 196	\$ 81	\$ 46	\$ -	\$ -
Total Customer Services			\$ 2,918	\$ 2,595	\$ 196	\$ 81	\$ 46	\$ -	\$ -
Meters									
Customer	OTMC	C03	\$ 1,761	\$ 1,580	\$ 119	\$ 58	\$ 4	\$ 0	\$ -
Lighting Systems									
Customer	OTLSC	C04	\$ 1,766	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,766
Meter Reading, Billing and Customer Service									
Customer	OTMRBC	C05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Management									
Customer	OTCSC	C06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	OTT		\$ 25,966	\$ 19,728	\$ 1,160	\$ 1,545	\$ 683	\$ 224	\$ 2,626
			1.0000	0.7598	0.0447	0.0595	0.0263	0.0086	0.1011

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Cost of Service Summary -- Unadjusted Results									
Operating Revenues									
Total Sales of Electric Energy	REVUC	R01	\$ 25,671,962	\$ 19,280,890	\$ 1,374,641	\$ 2,499,314	\$ 1,051,828	\$ 576,190	\$ 889,099
Other Electric Revenues		RCRev	\$ 890,207	\$ 830,963	\$ 59,244	\$ -	\$ -	\$ -	\$ -
Total Operating Revenues	TOR		\$ 26,562,169	\$ 20,111,853	\$ 1,433,885	\$ 2,499,314	\$ 1,051,828	\$ 576,190	\$ 889,099
Operating Expenses									
Operation and Maintenance Expenses			\$ 24,474,384	\$ 18,936,703	\$ 1,170,287	\$ 2,362,081	\$ 907,993	\$ 562,265	\$ 535,055
Depreciation and Amortization Expenses			2,629,280	1,997,642	117,443	156,492	69,126	22,701	265,876
Property Taxes		NPT	-	-	-	-	-	-	-
Other Taxes			25,966	19,728	1,160	1,545	683	224	2,626
Total Operating Expenses	TOE		\$ 27,129,630	\$ 20,954,073	\$ 1,288,889	\$ 2,520,118	\$ 977,802	\$ 585,191	\$ 803,557
Utility Operating Margin	TOM		\$ (567,461)	\$ (842,220)	\$ 144,996	\$ (20,805)	\$ 74,026	\$ (9,001)	\$ 85,543
Net Cost Rate Base			\$ 35,397,246	\$ 26,955,197	\$ 1,588,170	\$ 2,099,112	\$ 924,976	\$ 303,915	\$ 3,525,877
Rate of Return			-1.60%	-3.12%	9.13%	-0.99%	8.00%	-2.96%	2.43%
Unitized Rate of Return			1.00	1.95	(5.69)	0.62	(4.99)	1.85	(1.51)

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Cost of Service Summary -- Adjusted Results									
Operating Revenues									
Total Operating Revenue -- Actual			\$ 26,562,169	\$ 20,111,853	\$ 1,433,885	\$ 2,499,314	\$ 1,051,828	\$ 576,190	\$ 889,099
Pro-Forma Adjustments:									
1 Fuel Adjustment Clause		FAC	\$ (2,344,584)	\$ (1,753,825)	\$ (104,385)	\$ (276,653)	\$ (127,876)	\$ (81,844)	\$ -
2 Environmental Surcharge		ES	\$ (2,508,036)	\$ (1,956,145)	\$ (138,216)	\$ (255,331)	\$ (102,234)	\$ (56,110)	\$ -
5 Year End Customers Revenue Increase			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Pro Forma Adjustments			\$ (4,852,620)	\$ (3,709,970)	\$ (242,601)	\$ (531,984)	\$ (230,110)	\$ (137,955)	\$ -
Total Pro-Forma Operating Revenue			\$ 21,709,549	\$ 16,401,883	\$ 1,191,284	\$ 1,967,330	\$ 821,718	\$ 438,236	\$ 889,099
Operating Expenses									
Total Operating Expenses -- Actual	TOE		\$ 27,129,630	\$ 20,954,073	\$ 1,288,889	\$ 2,520,118	\$ 977,802	\$ 585,191	\$ 803,557
Pro-Forma Adjustments:									
1 Fuel Adjustment Clause		FAC	\$ (2,151,171)	\$ (1,609,146)	\$ (95,774)	\$ (253,831)	\$ (117,327)	\$ (75,093)	\$ -
2 Environmental Surcharge		ES	\$ (2,424,057)	\$ (1,890,646)	\$ (133,588)	\$ (246,781)	\$ (98,811)	\$ (54,232)	\$ -
3 Depreciation Expense		DPT	\$ 389,055	\$ 295,591	\$ 17,378	\$ 23,156	\$ 10,229	\$ 3,359	\$ 39,342
4 GTCC		RBT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 Year-End Customers			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Rate Case Expenses		RBT	\$ 25,333	\$ 19,291	\$ 1,137	\$ 1,502	\$ 662	\$ 218	\$ 2,523
7 Donations & Promotional Advertising		RBT	\$ (15,038)	\$ (11,452)	\$ (675)	\$ (892)	\$ (393)	\$ (129)	\$ (1,498)
8 Professional Services		RBT	\$ (54,567)	\$ (41,553)	\$ (2,448)	\$ (3,236)	\$ (1,426)	\$ (469)	\$ (5,435)
9 Directors Fees		RBT	\$ (12,309)	\$ (9,373)	\$ (552)	\$ (730)	\$ (322)	\$ (106)	\$ (1,226)
10 Wages & Salaries		LBT	\$ 170,101	\$ 142,764	\$ 9,323	\$ 7,915	\$ 2,939	\$ 982	\$ 6,178
11 Life Insurance		LBT	\$ (12,759)	\$ (10,709)	\$ (699)	\$ (594)	\$ (220)	\$ (74)	\$ (463)
12 ROW		DA1	\$ 698,996	\$ 501,425	\$ 18,129	\$ 77,791	\$ 37,776	\$ 13,205	\$ 50,670
13 Interest on LTD			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Pro Forma Adjustments			\$ (3,386,416)	\$ (2,613,806)	\$ (187,769)	\$ (395,699)	\$ (166,894)	\$ (112,337)	\$ 90,090
Total Pro-forma Operating Expenses			\$ 23,743,214	\$ 18,340,267	\$ 1,101,120	\$ 2,124,419	\$ 810,908	\$ 472,854	\$ 893,647
Utility Operating Margin -- Pro-Forma			\$ (2,033,666)	\$ (1,938,384)	\$ 90,164	\$ (157,090)	\$ 10,810	\$ (34,618)	\$ (4,548)
Net Cost Rate Base			\$ 35,397,246	\$ 26,955,197	\$ 1,588,170	\$ 2,099,112	\$ 924,976	\$ 303,915	\$ 3,525,877
Pro-forma Rate Base Adjustments Reserved		RBT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pro-forma Rate Base			\$ 35,397,246	\$ 26,955,197	\$ 1,588,170	\$ 2,099,112	\$ 924,976	\$ 303,915	\$ 3,525,877
Rate of Return			-5.75%	-7.19%	5.68%	-7.48%	1.17%	-11.39%	-0.13%
Unitized Rate of Return			1.00	1.25	(0.99)	1.30	(0.20)	1.98	0.02

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Allocation Factors									
Energy Allocation Factors									
Energy Usage by Class	E01	Energy	1.000000	0.737793	0.043922	0.114755	0.051544	0.033258	0.018729
Demand Allocation Factors									
Purchase Power -- Average 12 CP	D01	12CP	1.000000	0.794806	0.051241	0.104611	0.016674	0.022366	0.010302
Station Equipment -- Maximum Class Demand	D02	NCP	1.000000	0.813509	0.041143	0.090216	0.024676	0.017700	0.012756
Primary Distribution Plant -- Maximum Class Demand	D03	NCP	1.000000	0.813509	0.041143	0.090216	0.024676	0.017700	0.012756
Services	SERV		1.000000	0.889529	0.067014	0.027665	0.015792	-	-
Misc. Service Revenue	MISCSERV		1.000000	0.889529	0.067014	0.027665	0.015792	-	-
Residential & Commercial Rev	RCRev		20,655,531	19,280,890	1,374,641	-	-	-	-
FAC Revenue	FAC		2,344,584	1,753,825	104,385	276,653	127,876	81,844	-
ES Revenue	ES		2,508,036	1,956,145	138,216	255,331	102,234	56,110	-
Customer Allocation Factors									
Primary Distribution Plant -- Average Number of Customers	C01	Cust01	1.000000	0.915018	0.068934	0.012648	0.000671	0.000079	0.002651
Customer Services -- Average Number of Customers	C02	Cust02	1.000000	0.915018	0.068934	0.012648	0.000671	0.000079	0.002651
Meter Costs -- Weighted Cost of Meters	C03		1.000000	0.896920	0.067571	0.033135	0.002124	0.000250	-
Lighting Systems -- Lighting Customers	C04	Cust04	1.000000	-	-	-	-	-	1.000000
Meter Reading and Billing -- Weighted Cost	C05	Cust02	1.000000	0.915018	0.068934	0.012648	0.000671	0.000079	0.002651
Load Management	C06	Cust06	1.000000	0.915090	0.068939	0.012649	0.000671	-	0.002651
Other Allocation Factors									
Rev	R01		25,883,935	19,440,092	1,385,991	2,519,950	1,060,513	580,948	896,440
Energy	E01		195,084,645	142,863,015	8,504,773	22,805,417	10,505,980	6,778,800	3,626,660
Loss Factor				0.050	0.050	0.025	-	-	0.05
Energy Including Losses	Energy		203,827,002	150,382,121	8,952,393	23,390,171	10,505,980	6,778,800	3,817,537
Customers (Monthly Bills)			152,044	139,123	10,481	1,923	102	12	403
Average Customers (Bills/12)	Cust01		12,670	11,594	873	160	9	1	34
Average Customers (Lighting = Lights)	Cust02		12,670	11,594	873	160	9	1	34
Average Customers (Lighting =45 Lights per Cust)	Cust03		12,669	11,594	873	160	9	-	34
Lighting	Cust04		1	-	-	-	-	-	1
Average Customers (Lighting = 0)	Cust05		12,669	11,594	873	160	9	-	34
Load Management	Cust06		12,669	11,594	873	160	9	-	34
Winter CP Demands	WCP		373,109	296,810	19,178	37,981	6,184	7,952	5,003
Summer CP Demands	SCP		112,557	89,200	5,708	12,826	1,914	2,910	-
12 Month Sum of Coincident Demands	12CP		485,666	386,010	24,886	50,806	8,098	10,862	5,003
Class Maximum Demands	NCP		71,127	57,863	2,926	6,417	1,755	1,259	907
Sum of the Individual Customer Demands	SICD		1,312,753	1,087,865	39,332	79,987	39,891	13,578	52,100

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Allocation Factors (continued)									
Transmission Residual Demand Allocator	TRDA		485,666	386,010	24,886	50,806	8,098	10,862	5,003
Transmission Plant In Service			\$ -						
Customer Specific Assignment									
Transmission Residual		TRDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Total	TA1		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Plant Allocator	T01	TA1	-	-	-	-	-	-	-
Transmission Residual Demand Allocator	TOMDA		485,666	386,010	24,886	50,806	8,098	10,862	5,003
Transmission Plant In Service			\$ -						
Customer Specific Assignment			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Residual		TOMDA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Total	TOMA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission O&M Allocator	T02	TOMA	-	-	-	-	-	-	-
Distribution Residual Demand Allocator	DDA		1,516,505	1,087,865	39,332	168,772	81,956	28,650	109,930
Distribution Plant In Service			\$ 25,025,145						
Customer Specific Assignment									
Distribution Residual		DOMDA	\$ 25,025,145	\$ 17,951,787.6	\$ 649,059	\$ 2,785,043	\$ 1,352,432	\$ 472,772	\$ 1,814,052
Distribution Total	DT1		\$ 25,025,145	\$ 17,951,787.6	\$ 649,059	\$ 2,785,043	\$ 1,352,432	\$ 472,772	\$ 1,814,052
Distribution Plant Allocator	DA1	DT1	1.000000	0.71735	0.02594	0.11129	0.05404	0.01889	0.07249
Distribution Residual Demand Allocator	DOMDA		1,516,505	1,087,864.98	39,332	168,772	81,956	28,650	109,930
Distribution Plant In Service			\$ 25,025,145						
Customer Specific Assignment									
Distribution Residual		DOMDA	\$ 25,025,145	\$ 17,951,787.6	\$ 649,059	\$ 2,785,043	\$ 1,352,432	\$ 472,772	\$ 1,814,052
Distribution Total	DOMA		\$ 25,025,145	\$ 17,951,787.6	\$ 649,059	\$ 2,785,043	\$ 1,352,432	\$ 472,772	\$ 1,814,052
Distribution O&M Allocator	DOM	DOMA	1.000000	0.71735	0.02594	0.11129	0.05404	0.01889	0.07249
Substation Residual Demand Allocator	SDA		485,666	386,010	24,886	50,806	8,098	10,862	5,003
Substation Plant In Service			\$ 489,306						
Customer Specific Assignment									
Substation Residual		SDA	\$ 489,306	\$ 388,903	\$ 25,072	\$ 51,187	\$ 8,159	\$ 10,944	\$ 5,041
Substation Total	ST1		\$ 489,306	\$ 388,903	\$ 25,072	\$ 51,187	\$ 8,159	\$ 10,944	\$ 5,041
Substation Plant Allocator	SA1	ST1	1.000000	0.79481	0.05124	0.10461	0.01667	0.02237	0.01030
Substation Residual Demand Allocator	SOMDA		\$ 485,666	386,010	24,886	50,806	8,098	10,862	5,003
Substation Plant In Service			\$ 489,306						
Customer Specific Assignment									
Substation Residual		SOMDA	\$ 489,306	\$ 388,903	\$ 25,072	\$ 51,187	\$ 8,159	\$ 10,944	\$ 5,041
Substation Total	STOM		\$ 489,306	\$ 388,903	\$ 25,072	\$ 51,187	\$ 8,159	\$ 10,944	\$ 5,041
Substation O&M Allocator	SOMA	STOM	1.000000	0.79481	0.05124	0.10461	0.01667	0.02237	0.01030

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Allocation Factors (continued)									
Customer Services Demand	CSD		1,516,505	1,087,865	39,332	168,772	81,956	28,650	109,930
Customer Services Allocator	CSA	CSD	1.000000	0.71735	0.02594	0.11129	0.05404	0.01889	0.07249
Purchased Power Residual Demand Allocator	PPDRA		474,804	386,010	24,886	50,806	8,098	-	5,003
Purchased Power Demand Costs			\$ 5,014,334						
Customer Specific Assignment			\$ 178,337					178,337	
Purchased Power Demand Residual		PPDRA	\$ 4,835,997	\$ 3,931,614	\$ 253,469	\$ 517,474	\$ 82,480	\$ -	\$ 50,960
Purchased Power Demand Total	PPDT		\$ 5,014,334	\$ 3,931,614	\$ 253,469	\$ 517,474	\$ 82,480	\$ 178,337	\$ 50,960
Purchased Power Demand Allocator	PPDA	PPDT	1.000000	0.78407	0.05055	0.10320	0.01645	0.03557	0.01016
Purchased Power Residual Energy Allocator	PPERA		188,305,845	142,863,015	8,504,773	22,805,417	10,505,980	-	3,626,660
Purchased Power Energy Costs			\$ 12,813,299						
Customer Specific Assignment			\$ 340,205	-	-			340,205	
Purchased Power Energy Residual		PPERA	\$ 12,473,094	\$ 9,463,030	\$ 563,343	\$ 1,510,596	\$ 695,900	\$ -	\$ 240,224
Purchased Power Energy Total	PPET		\$ 12,813,299	\$ 9,463,030	\$ 563,343	\$ 1,510,596	\$ 695,900	\$ 340,205	\$ 240,224
Purchased Power Energy Allocator	PPEA	PPET	1.000000	0.73853	0.04397	0.11789	0.05431	0.02655	0.01875

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Operating Expenses									
Purchased Power Demand			\$ 5,014,334	\$ 3,931,614	\$ 253,469	\$ 517,474	\$ 82,480	\$ 178,337	\$ 50,960
Purchased Power Energy			\$ 12,813,299	\$ 9,463,030	\$ 563,343	\$ 1,510,596	\$ 695,900	\$ 340,205	\$ 240,224
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand		0.38	\$ 3,488,486	\$ 2,504,954	\$ 91,291	\$ 388,018	\$ 187,327	\$ 66,016	\$ 250,879
Distribution Customer		0.62	\$ 5,813,511	\$ 5,054,476	\$ 380,785	\$ 104,030	\$ 12,095	\$ 633	\$ 261,493
Total			\$ 27,129,630	\$ 20,954,073	\$ 1,288,889	\$ 2,520,118	\$ 977,802	\$ 585,191	\$ 803,557
Pro-Forma Operating Expenses									
Purchased Power Demand			\$ 5,014,334	\$ 3,931,614	\$ 253,469	\$ 517,474	\$ 82,480	\$ 178,337	\$ 50,960
Purchased Power Energy			\$ 8,627,126	\$ 6,258,830	\$ 351,359	\$ 1,033,140	\$ 489,991	\$ 214,240	\$ 279,566
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 3,788,415	\$ 2,726,367	\$ 100,372	\$ 418,679	\$ 201,959	\$ 71,127	\$ 269,911
Distribution Customer			\$ 6,313,339	\$ 5,423,457	\$ 395,919	\$ 155,126	\$ 36,478	\$ 9,150	\$ 293,210
Total			\$ 23,743,214	\$ 18,340,267	\$ 1,101,120	\$ 2,124,419	\$ 810,908	\$ 472,854	\$ 893,647
		PPA exp	\$ (3,386,416)						
		Check	\$ -						
Rate Base									
Production & Purchased Power Demand			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Production & Purchased Power Energy			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 15,953,972	\$ 11,467,943	\$ 421,419	\$ 1,773,500	\$ 850,928	\$ 302,449	\$ 1,137,734
Distribution Customer			\$ 19,443,274	\$ 15,487,254	\$ 1,166,751	\$ 325,612	\$ 74,048	\$ 1,466	\$ 2,388,143
Total			\$ 35,397,246	\$ 26,955,197	\$ 1,588,170	\$ 2,099,112	\$ 924,976	\$ 303,915	\$ 3,525,877
Revenue Requirement Calculated at a Rate of Return of 3.80%									
Production & Purchased Power Demand			\$ 5,014,334	\$ 3,931,614	\$ 253,469	\$ 517,474	\$ 82,480	\$ 178,337	\$ 50,960
Production & Purchased Power Energy			\$ 8,627,126	\$ 6,258,830	\$ 351,359	\$ 1,033,140	\$ 489,991	\$ 214,240	\$ 279,566
Transmission Demand			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Distribution Demand			\$ 4,394,533	\$ 3,162,053	\$ 116,383	\$ 486,057	\$ 234,287	\$ 82,617	\$ 313,136
Distribution Customer			\$ 7,052,021	\$ 6,011,843	\$ 440,245	\$ 167,496	\$ 39,292	\$ 9,206	\$ 383,939
Total			\$ 25,088,015	\$ 19,364,340	\$ 1,161,457	\$ 2,204,168	\$ 846,049	\$ 484,400	\$ 1,027,601
		\$ 25,088,015	< target						
		\$ -	< diff						

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Operating Expenses-Unit Costs									
Production & Purchased Power Demand (per KWH or KW)				0.02752	6.44	6.47	2.07	13.13	0.98
Purchased Power Energy (per KWH)				0.04381	0.04131	0.04530	0.04664	0.03160	0.07709
Transmission Demand (per KWH or KW)				-	-	-	-	-	-
Distribution Demand (per KWH or KW)				0.01908	2.55	5.23	5.06	5.24	5.18
Distribution Customer (per Customer)				38.98	37.77	80.67	357.63	762.54	727.57
Rate Base-Unit Costs									
Production & Purchased Power Demand (per KWH or KW)				-	-	-	-	-	-
Purchased Power Energy (per KWH)				-	-	-	-	-	-
Transmission Demand (per KWH or KW)				-	-	-	-	-	-
Distribution Demand (per KWH or KW)				0.08027	10.71	22.17	21.33	22.27	21.84
Distribution Customer (per Customer)				111.32	111.32	169.33	725.96	122.17	5,925.91

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Unit Revenue Requirement @ Current Class Revenues	Various			-7.19%	5.68%	-7.48%	1.17%	-11.39%	-0.13%
Production & Purchased Power									
Production & Purchased Power Demand (Per KWH or KW)				0.027520	6.44	6.47	2.07	13.13	0.98
Production & Purchased Power Demand Margin (Per KWH or KW)				-	-	-	-	-	-
Production & Purchased Power Energy (Per KWH)				0.043810	0.041313	0.045302	0.046639	0.031604	0.077086
Production & Purchased Power Energy Margin (Per KWH)				-	-	-	-	-	-
Transmission Demand									
Transmission Demand (Per KWH or KW)				-	-	-	-	-	-
Transmission Demand Margin (Per KWH or KW)				-	-	-	-	-	-
Total Transmission Demand (Per KWH or KW)				-	-	-	-	-	-
Distribution Demand									
Distribution Demand (Per KWH or KW)				0.019084	2.55	5.23	5.06	5.24	5.18
Distribution Demand Margin (Per KWH or KW)				(0.005772)	0.61	(1.66)	0.25	(2.54)	(0.03)
Total Distribution Demand (Per KWH or KW)				0.013311	3.16	3.58	5.31	2.70	5.15
Distribution Customer									
Distribution Customer (Per Customer Per Month)				38.98	37.77	80.67	357.63	762.54	727.57
Distribution Customer Margin (Per Customer Per Month)				(8.01)	6.32	(12.67)	8.48	(13.92)	(7.64)
Total Distribution Customer (Per Customer Per Month)				30.98	44.09	68.00	366.11	748.62	719.92

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Unit Revenue Requirement @ Total System Rate of Return	-5.75%			-5.75%	-5.75%	-5.75%	-5.75%	-5.75%	-5.75%
Production & Purchased Power									
Production & Purchased Power Demand (Per KWH or KW)				0.027520	6.44	6.47	2.07	13.13	0.98
Production & Purchased Power Demand Margin (Per KWH or KW)				-	-	-	-	-	-
Production & Purchased Power Energy (Per KWH)				0.043810	0.041313	0.045302	0.046639	0.031604	0.077086
Production & Purchased Power Energy Margin (Per KWH)				-	-	-	-	-	-
Transmission Demand									
Transmission Demand (Per KWH or KW)				-	-	-	-	-	-
Transmission Demand Margin (Per KWH or KW)				-	-	-	-	-	-
Total Transmission Demand (Per KWH or KW)				-	-	-	-	-	-
Distribution Demand									
Distribution Demand (Per KWH or KW)				0.019084	2.55	5.23	5.06	5.24	5.18
Distribution Demand Margin (Per KWH or KW)				(0.004612)	(0.62)	(1.27)	(1.23)	(1.28)	(1.25)
Total Distribution Demand (Per KWH or KW)				0.014472	1.94	3.96	3.84	3.96	3.93
Distribution Customer									
Distribution Customer (Per Customer Per Month)				38.98	37.77	80.67	357.63	762.54	727.57
Distribution Customer Margin (Per Customer Per Month)				(6.40)	(6.40)	(9.73)	(41.71)	(7.02)	(340.46)
Total Distribution Customer (Per Customer Per Month)				32.59	31.38	70.94	315.92	755.52	387.11

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Unit Revenue Requirement @ Specified Rate of Return	3.80%			3.80%	3.80%	3.80%	3.80%	3.80%	3.80%
Production & Purchased Power									
Production & Purchased Power Demand (Per KWH or KW)				0.027520	6.44	6.47	2.07	13.13	0.98
Production & Purchased Power Demand Margin (Per KWH or KW)				-	-	-	-	-	-
Production & Purchased Power Energy (Per KWH)				0.043810	0.041313	0.045302	0.046639	0.031604	0.077086
Production & Purchased Power Energy Margin (Per KWH)				-	-	-	-	-	-
Transmission Demand									
Transmission Demand (Per KWH or KW)				-	-	-	-	-	-
Transmission Demand Margin (Per KWH or KW)				-	-	-	-	-	-
Total Transmission Demand (Per KWH or KW)				-	-	-	-	-	-
Distribution Demand									
Distribution Demand (Per KWH or KW)				0.019084	2.55	5.23	5.06	5.24	5.18
Distribution Demand Margin (Per KWH or KW)				0.003050	0.41	0.84	0.81	0.85	0.83
Total Distribution Demand (Per KWH or KW)				0.022133	2.96	6.08	5.87	6.08	6.01
Distribution Customer									
Distribution Customer (Per Customer Per Month)				38.98	37.77	80.67	357.63	762.54	727.57
Distribution Customer Margin (Per Customer Per Month)				4.23	4.23	6.43	27.58	4.64	225.14
Total Distribution Customer (Per Customer Per Month)				43.21	42.00	87.10	385.21	767.18	952.70

**BIG SANDY RECC
Cost of Service Study
Class Allocation**

12 Months Ended December 31, 2023

Description	Name	Allocation Vector	Total System	A1 - Farm & Home A1	A2 - Commercial & Small Power A2	LP - Large Power LP	LPR - Large Power LPR	IND 1-B - Industrial IND-1B	Lighting YL
Summary of Cost-Based Charges									
At Current Class Rate of Return			-1.60%	-7.19%	5.68%	-7.48%	1.17%	-11.39%	-0.13%
Customer Charge (\$/month)				30.98	44.09	68.00	366.11	748.62	719.92
Energy Charge (\$/kWh)				0.084641	0.041313	0.045302	0.046639	0.031604	0.077086
Demand Charge (\$/kW)				-	9.60	10.04	7.38	15.84	6.13
At Current Total System Rate of Return			-5.75%	-5.75%	-5.75%	-5.75%	-5.75%	-5.75%	-5.75%
Customer Charge (\$/month)				32.59	31.38	70.94	315.92	755.52	387.11
Energy Charge (\$/kWh)				0.085802	0.041313	0.045302	0.046639	0.031604	0.077086
Demand Charge (\$/kW)				-	8.38	10.43	5.90	17.09	4.90
At Specified Total System Rate of Return			3.80%	3.80%	3.80%	3.80%	3.80%	3.80%	3.80%
Customer Charge (\$/month)				43.21	42.00	87.10	385.21	767.18	952.70
Energy Charge (\$/kWh)				0.093464	0.041313	0.045302	0.046639	0.031604	0.077086
Demand Charge (\$/kW)				-	9.40	12.55	7.94	19.22	6.99

Exhibit JW-6 COSS: Billing Determinants

BIG SANDY RECC

Summary of Billing Determinants and Demand Analysis

Rate Class	Code	Average Customers	kWh	Revenue	12 - Month Individual Customer Demand	Sum of Individual Customer Max Demand	Class Demand During Peak Month	Sum of Coincident Demands	Summer Coincident Demands	Winter Coincident Demands
A1 - Farm & Home	A1	11,594	142,863,015	\$ 19,440,092	1,087,865	121,890	57,863	386,010	89,200	296,810
A2 - Commercial & Small Power	A2	873	8,504,773	\$ 1,385,991	39,332	4,020	2,926	24,886	5,708	19,178
LP - Large Power	LP	160	22,805,417	\$ 2,519,950	79,987	8,447	6,417	50,806	12,826	37,981
LPR - Large Power	LPR	9	10,505,980	\$ 1,060,513	39,891	3,937	1,755	8,098	1,914	6,184
IND 1-B - Industrial Lighting	IND-1B YL	1 34	6,778,800 3,626,660	\$ 580,948 896,440	13,578 52,100	1,259 5,064	1,259 907	10,862 5,003	2,910 -	7,952 5,003
Total		12,670	195,084,645	\$ 25,883,935	1,312,753	144,617	71,127	485,666	112,557	373,109
		12,636	195,084,645	\$ 25,671,961	Reported					
		34	-	\$ 211,974	Variance					
		0.27%	0.00%	0.83%	Variance					

BIG SANDY RECC

Summary of Billing Determinants and Demand Analysis

Rate Class	Code	Rate Class	Average Customers	kWh	Revenue	% KWH	% Revenue
A1 - Farm & Home	A1	A1 - Farm & Home	11,594	142,863,015	\$ 19,440,092	73.23%	75.10%
A2 - Commercial & Small Power	A2	A2 - Commercial & Smal	873	8,504,773	\$ 1,385,991	4.36%	5.35%
LP - Large Power	LP	LP - Large Power	160	22,805,417	\$ 2,519,950	11.69%	9.74%
LPR - Large Power	LPR	LPR - Large Power	9	10,505,980	\$ 1,060,513	5.39%	4.10%
IND 1-B - Industrial	IND-1B	IND 1-B - Industrial	1	6,778,800	\$ 580,948	3.47%	2.24%
Lighting	YL	Lighting	34	3,626,660	\$ 896,440	1.86%	3.46%
Total		Total	12,670	195,084,645	\$ 25,883,935	100.00%	100.00%

BIG SANDY RECC

Summary of Billing Determinants and Demand Analysis

Rate Schedule	Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A1 - Farm & Home	A1	11,584	11,556	11,572	11,654	11,664	11,547	11,556	11,564	11,686
kWh		15,581,988	13,292,230	13,358,730	8,919,917	8,842,021	9,967,036	13,068,934	11,855,404	9,268,130
Average Demand		20,944	19,780	17,955	12,389	11,884	13,843	17,566	15,935	12,872
Diversified Load Factor		52.05%	39.18%	34.26%	44.14%	44.27%	49.29%	51.14%	48.38%	37.71%
Non-Coincident Demand		40,239	50,487	52,412	28,064	26,845	28,088	34,348	32,938	34,139
Coincidence Factor		90.00%	90.00%	85.00%	80.00%	85.00%	90.00%	95.00%	95.00%	90.00%
Coincident Demand		36,215	45,438	44,550	22,452	22,819	25,279	32,630	31,291	30,726
Individual Customer Load Factor		18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%
Sum of Individual Customer Demands		116,353	109,889	99,752	68,827	66,025	76,906	97,588	88,526	71,513
A2 - Commercial & Small Power	A2	875	875	872	874	878	870	872	872	877
kWh		800,353	804,777	685,020	619,747	630,863	686,611	779,524	753,151	655,127
Average Demand		1,076	1,198	921	861	848	954	1,048	1,012	910
Diversified Load Factor		36.76%	43.89%	34.68%	31.77%	37.30%	43.05%	45.77%	45.79%	43.91%
Non-Coincident Demand		2,926	2,729	2,655	2,710	2,274	2,215	2,289	2,211	2,072
Coincidence Factor		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Coincident Demand		2,487	2,319	2,257	2,303	1,933	1,883	1,946	1,879	1,761
Individual Customer Load Factor		26.76%	33.89%	24.68%	21.77%	27.30%	33.05%	35.77%	35.79%	33.91%
Sum of Individual Customer Demands		4,020	3,534	3,730	3,954	3,106	2,885	2,929	2,828	2,683
LP - Large Power	LP	160	160	159	159	160	159	161	161	161
kWh		1,986,415	1,325,775	1,948,525	1,711,899	1,921,989	2,000,707	2,246,365	2,213,239	1,921,682
Average Demand		2,670	1,973	2,619	2,378	2,583	2,779	3,019	2,975	2,669
Diversified Load Factor		41.61%	46.56%	47.57%	41.96%	49.26%	55.41%	54.71%	54.11%	51.41%
Non-Coincident Demand		6,417	4,237	5,505	5,666	5,244	5,015	5,519	5,498	5,192
Coincidence Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Coincident Demand		5,133	3,390	4,404	4,533	4,195	4,012	4,415	4,398	4,153
Individual Customer Load Factor		31.61%	36.56%	37.57%	31.96%	39.26%	45.41%	44.71%	44.11%	41.41%
Sum of Individual Customer Demands		8,447	5,396	6,970	7,438	6,580	6,120	6,753	6,744	6,446

BIG SANDY RECC
Summary of Billing Determinants and Demand Analysis

<u>Rate Schedule</u>	<u>Code</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>	<u>SIC Max Demand</u>	<u>Class Demand During Peak Month</u>	<u>Sum of Coin Demand</u>	<u>Summer Coin Demand</u>	<u>Winter Coin Demand</u>
A1 - Farm & Home	A1	11,561	11,584	11,595	139,123					
kWh		8,549,342	13,835,795	16,323,488	142,863,015					
Average Demand		11,491	19,216	21,940	16,309					
Diversified Load Factor		58.76%	33.21%	58.83%						
Non-Coincident Demand		19,557	57,863	37,291	442,271		57,863			
Coincidence Factor		85.00%	80.00%	85.00%						
Coincident Demand		16,624	46,290	31,698	386,010			386,010	89,200	296,810
Individual Customer Load Factor		18.00%	18.00%	18.00%						
Sum of Individual Customer Demands		63,839	106,758	121,890	1,087,865	121,890				
A2 - Commercial & Small Power	A2	873	872	871	10,481					
kWh		594,297	707,220	788,083	8,504,773					
Average Demand		799	982	1,059	971					
Diversified Load Factor		36.02%	39.26%	42.75%						
Non-Coincident Demand		2,217	2,502	2,478	29,278		2,926			
Coincidence Factor		85.00%	85.00%	85.00%						
Coincident Demand		1,885	2,127	2,106	24,886			24,886	5,708	19,178
Individual Customer Load Factor		26.02%	29.26%	32.75%						
Sum of Individual Customer Demands		3,070	3,358	3,234	39,332	4,020				
LP - Large Power	LP	161	161	161	1,923					
kWh		1,768,533	1,873,608	1,886,680	22,805,417					
Average Demand		2,377	2,602	2,536	2,603					
Diversified Load Factor		46.45%	49.44%	52.47%						
Non-Coincident Demand		5,118	5,264	4,833	63,508		6,417			
Coincidence Factor		80.00%	80.00%	80.00%						
Coincident Demand		4,094	4,211	3,867	50,806			50,806	12,826	37,981
Individual Customer Load Factor		36.45%	39.44%	42.47%						
Sum of Individual Customer Demands		6,522	6,598	5,971	79,987	8,447				

BIG SANDY RECC

Summary of Billing Determinants and Demand Analysis

Rate Schedule	Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
LPR - Large Power	LPR	9	9	9	9	9	9	8	8	8
kWh		1,044,664	891,108	977,128	765,772	832,216	805,296	811,356	887,576	825,296
Average Demand		1,404	1,326	1,313	1,064	1,119	1,118	1,091	1,193	1,146
Diversified Load Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Non-Coincident Demand		1,755	1,658	1,642	1,329	1,398	1,398	1,363	1,491	1,433
Coincidence Factor		45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%
Coincident Demand		790	746	739	598	629	629	613	671	645
Individual Customer Load Factor		42.09%	40.83%	33.36%	30.34%	32.10%	38.09%	36.29%	38.50%	36.59%
Sum of Individual Customer Demands		3,336	3,248	3,937	3,505	3,485	2,936	3,005	3,099	3,132
IND 1-B - Industrial	IND-1B	1	1	1	1	1	1	1	1	1
kWh		580,800	536,100	605,100	439,500	658,800	544,800	635,400	613,200	531,300
Average Demand		781	798	813	610	885	757	854	824	738
Diversified Load Factor		69.07%	57.24%	69.15%	47.19%	70.52%	60.46%	69.27%	69.05%	71.41%
Non-Coincident Demand		1,130	1,259	1,176	1,252	1,256	1,211	1,233	1,194	1,000
Coincidence Factor		80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Coincident Demand		904	1,007	941	1,001	1,004	969	986	955	800
Individual Customer Load Factor		69.07%	57%	69%	47%	71%	60%	69%	69%	71%
Sum of Individual Customer Demands		1,130	1,259	1,176	1,252	1,256	1,211	1,233	1,194	1,000
Lighting	YL	35	35	34	34	34	34	33	33	33
kWh		306,210	304,852	304,875	303,966	302,904	301,543	300,385	299,934	299,390
Average Demand		412	454	410	422	407	419	404	403	416
Diversified Load Factor		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
Non-Coincident Demand		823	907	820	844	814	838	807	806	832
Coincidence Factor		100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Coincident Demand		823	907	820	-	-	-	-	-	-
Individual Customer Load Factor		19.82%	9.00%	8.55%	8.34%	9.31%	9.77%	9.45%	9.05%	9.42%
Sum of Individual Customer Demands		2,076	5,040	4,795	5,064	4,375	4,288	4,274	4,454	4,412
Metered CP, All but Direct Serve		46,353	53,808	53,710	30,887	30,580	32,772	40,591	39,194	38,085
Calculated CP All but Direct Serve		46,353	53,808	53,710	30,887	30,580	32,772	40,591	39,194	38,085
Difference		(0)	0	(0)	0	(0)	(0)	(0)	(0)	(0)

BIG SANDY RECC

Summary of Billing Determinants and Demand Analysis

<u>Rate Schedule</u>	<u>Code</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>	<u>SIC Max Demand</u>	<u>Class Demand During Peak Month</u>	<u>Sum of Coin Demand</u>	<u>Summer Coin Demand</u>	<u>Winter Coin Demand</u>
LPR - Large Power	LPR	8	8	8	102					
kWh		836,776	886,676	942,116	10,505,980					
Average Demand		1,125	1,231	1,266	1,199					
Diversified Load Factor		80.00%	80.00%	80.00%						
Non-Coincident Demand		1,406	1,539	1,583	17,995		1,755			
Coincidence Factor		45.00%	45.00%	45.00%						
Coincident Demand		633	693	712	8,098			8,098	1,914	6,184
Individual Customer Load Factor		35.50%	35.87%	35.11%						
Sum of Individual Customer Demands		3,169	3,433	3,607	39,891	3,937				
IND 1-B - Industrial	IND-1B	1	1	1	12					
kWh		572,700	552,000	509,100	6,778,800					
Average Demand		770	767	684	774					
Diversified Load Factor		81.89%	75.77%	72.13%						
Non-Coincident Demand		940	979	949	13,578		1,259			
Coincidence Factor		80.00%	80.00%	80.00%						
Coincident Demand		752	783	759	10,862			10,862	2,910	7,952
Individual Customer Load Factor		82%	76%	72%						
Sum of Individual Customer Demands		940	979	949	13,578	1,259				
Lighting	YL	33	33	32	403					
kWh		301,199	300,977	300,425	3,626,660					
Average Demand		405	418	404	414					
Diversified Load Factor		50.00%	50.00%	50.00%						
Non-Coincident Demand		810	836	808	9,945		907			
Coincidence Factor		100.00%	100.00%	100.00%						
Coincident Demand		810	836	808	5,003			5,003	-	5,003
Individual Customer Load Factor		9.03%	9.72%	8.90%						
Sum of Individual Customer Demands		4,484	4,300	4,537	52,100	5,064				
Metered CP, All but Direct Serve		24,797	54,940	39,949	485,666					
Calculated CP All but Direct Serve		24,797	54,940	39,949	485,666	100%				
Difference		(0)	0	(0)	(0)					

Exhibit JW-7 COSS: Purchased Power, Meters, & Services

**BIG SANDY RECC
Purchased Power**

#	Item	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
1	TOTAL													
2	Billing Demand (kW)	46,353	53,808	53,710	30,887	30,580	32,772	40,591	39,194	38,085	24,797	54,940	39,949	485,666
3	Energy (kWh)	22,143,092	18,165,185	18,611,110	14,042,466	13,977,447	14,726,764	18,786,975	17,555,314	14,408,761	13,930,902	18,775,325	22,088,404	207,211,745
4	Demand Charge	303,047	351,653	351,015	202,207	200,552	214,499	265,664	256,511	249,256	162,502	359,034	261,292	3,177,232
5	Energy Charge	1,026,356	841,092	861,883	650,247	660,808	702,327	899,683	838,420	686,499	645,653	869,707	1,023,588	9,706,263
6	Metering Point	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	16,308
7	Sub/Wheeling Charge	30,530	30,530	30,530	30,530	30,530	30,530	30,530	30,530	30,530	30,530	30,530	30,530	366,360
8	Fuel Adjustment Clause	499,326	208,537	166,197	134,245	156,408	67,450	128,502	196,093	149,132	154,355	151,328	139,598	2,151,171
9	Environmental Surcharge	261,046	134,717	168,756	165,826	166,161	190,023	256,664	256,514	169,193	147,072	246,668	261,417	2,424,057
10	SUBTOTAL	2,121,664	1,567,888	1,579,740	1,184,414	1,215,818	1,206,188	1,582,402	1,579,427	1,285,969	1,141,471	1,658,626	1,717,784	17,841,391
11	Direct Load Control	(1,219)	(1,219)	(1,223)	(1,223)	(1,223)	(1,245)	(1,250)	-	-	(1,262)	(1,267)	(1,262)	(12,393)
12	Direct Load Surcharge	(171)	(115)	(146)	(199)	(194)	(233)	(242)	-	-	(187)	(221)	(227)	(1,935)
13	Direct Load Total Charge	(1,390)	(1,334)	(1,369)	(1,422)	(1,417)	(1,478)	(1,492)	-	-	(1,449)	(1,488)	(1,489)	(14,328)
14	Green Power KWH	2,200	2,200	2,200	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	22,800
15	Green Power Charge	55	55	55	45	45	45	45	45	45	45	45	45	570
16	Generator Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
17	TOTAL	2,120,329	1,566,609	1,578,426	1,183,037	1,214,446	1,204,755	1,580,955	1,579,472	1,286,014	1,140,067	1,657,183	1,716,340	17,827,633
18														
19	RATE B													
20	Billing Demand (kW)	850	850	850	850	950	850	903	891	884	850	850	850	10,428
21	Energy (kWh)	545,652	536,608	560,473	544,608	596,718	567,485	614,232	612,265	569,454	534,963	554,248	561,973	6,798,679
22	Demand Charge	6,367	6,367	6,367	6,367	7,365	6,367	6,896	6,776	6,706	6,367	6,367	6,367	78,679
23	Energy Charge	21,763	21,402	22,354	21,721	23,800	22,634	24,498	24,420	22,712	21,336	22,106	22,414	271,160
24	Fuel Adjustment Clause	12,304	6,160	5,005	5,420	6,677	2,599	4,201	6,839	5,894	5,927	4,467	3,552	69,045
25	Environmental Surcharge	5,673	3,189	4,034	38,714	5,990	5,909	6,891	7,375	5,350	4,974	5,755	5,804	99,658
26	SUBTOTAL	46,107	37,118	37,760	72,222	43,832	37,509	42,486	45,410	40,662	38,604	38,695	38,137	518,542
27														
28														
29														
30	Estimated ES Demand Share	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
31	Estimated ES Energy Share	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
32														
33														
34	Total Demand \$	\$ 491,564	\$ 464,372	\$ 484,158	\$ 333,592	\$ 332,138	\$ 360,402	\$ 451,551	\$ 442,308	\$ 382,661	\$ 282,634	\$ 538,924	\$ 450,031	\$ 5,014,334
35	Total Energy \$	\$ 1,628,765	\$ 1,102,237	\$ 1,094,268	\$ 849,445	\$ 882,308	\$ 844,353	\$ 1,129,404	\$ 1,137,164	\$ 903,353	\$ 857,433	\$ 1,118,259	\$ 1,266,309	\$ 12,813,299
36	Total \$	\$ 2,120,329	\$ 1,566,609	\$ 1,578,426	\$ 1,183,037	\$ 1,214,446	\$ 1,204,755	\$ 1,580,955	\$ 1,579,472	\$ 1,286,014	\$ 1,140,067	\$ 1,657,183	\$ 1,716,340	\$ 17,827,633
37	Variance \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Total Demand %	0.23	0.30	0.31	0.28	0.27	0.30	0.29	0.28	0.30	0.25	0.33	0.26	0.28
39	Total Energy %	0.77	0.70	0.69	0.72	0.73	0.70	0.71	0.72	0.70	0.75	0.67	0.74	0.72
40														
41														
42														
43														

Total
Acct 555
Variance
17,827,633
17,827,633
-

**BIG SANDY RECC
Meter Costs**

<u>#</u>	<u>Rate</u>	<u>Rate Code</u>	<u>Installed Meters</u>	<u>Avg Meter Cost</u>	<u>Total Cost</u>	<u>Allocation Factor</u>
1	A1 - Farm & Home	A1	11,594	\$ 317	\$ 3,675,166	89.69%
2	A2 - Commercial & Small Power	A2	873	\$ 317	\$ 276,873	6.76%
3	LP - Large Power	LP	160	\$ 847	\$ 135,772	3.31%
4	LPR - Large Power	LPR	9	\$ 1,024	\$ 8,704	0.21%
5	IND 1-B - Industrial	IND-1B	1	\$ 1,024	\$ 1,024	0.02%
6	Lighting	YL	34	\$ -	\$ -	0.00%
7	Total		12,670	\$ 323.40	\$ 4,097,539	100.00%

**BIG SANDY RECC
Service Costs**

#	Rate	Rate Code	Average Number of Services	Average Service Cost	Total Cost	Allocation Factor
1	A1 - Farm & Home	A1	11,594	\$ 3,200	\$ 37,099,467	88.95%
2	A2 - Commercial & Small Power	A2	873	\$ 3,200	\$ 2,794,933	6.70%
3	LP - Large Power	LP	160	\$ 7,200	\$ 1,153,800	2.77%
4	LPR - Large Power	LPR	9	\$ 77,488	\$ 658,648	1.58%
5	IND 1-B - Industrial	IND-1B	1	\$ -	\$ -	0.00%
6	Lighting	YL	34	\$ -	\$ -	0.00%
7	Total		12,670	\$ 3,291.69	\$ 41,706,848	100.00%

Exhibit JW-8 COSS: Zero Intercept Analysis

BIG SANDY RECC
Zero Intercept & Minimum System Analyses

Account 365 - Overhead Conductors and Devices

Description	Size	Cost	Quantity	Actual Unit Cost (\$ per Unit)	Linear Regression Inputs		
					y*n^0.5	n^0.5	xn^0.5
#2 - 3 STRAND COP	199.11	\$ 5,202.83	12,839	0.41	45.92	113.31	22,561.02
#4 ACWC	41.74	\$ 2,975.16	27,738	0.11	17.86	166.55	6,951.68
#6 ACWC	26.25	\$ 322,200.15	2,126,780	0.15	220.93	1,458.35	38,281.64
#8 ACWC	16.51	\$ 154,151.88	727,821	0.21	180.69	853.12	14,084.23
#6 HD COPPER	26.25	\$ 472.56	9,737	0.05	4.79	98.68	2,590.25
#6 STEEL	26.25	\$ 187.74	6,100	0.03	2.40	78.10	2,050.19
#2 ACSR	66.37	\$ 3,848,434.64	3,815,461	1.01	1,970.20	1,953.32	129,641.88
#4 ACSR	41.74	\$ 686,378.40	1,979,855	0.35	487.81	1,407.07	58,731.24
#1/0 ACSR	105.53	\$ 2,423,288.50	2,726,470	0.89	1,467.59	1,651.20	174,251.41
#3/0 ACSR	167.80	\$ 1,021,671.26	1,942,683	0.53	733.01	1,393.80	233,879.91
#4/0 ACSR	41.74	\$ 70,973.86	284,570	0.25	133.05	533.45	22,266.25
#3/0 SPACER CABLE	167.80	\$ 228.95	174	1.32	17.36	13.19	2,213.43
336.4 ACSR	336.40	\$ 2,175,727.36	930,219	2.34	2,255.86	964.48	324,450.61
250+MCM	250.00	\$ 35,720.64	73,864	0.48	131.43	271.78	67,944.83
397 ACSR	397.00	\$ 14,264.92	31,443	0.45	80.45	177.32	70,396.73
#2 ACSR 15KV TW	66.37	\$ 29,414.46	7,382	3.98	342.35	85.92	5,702.42
1/0 BARE MSR AWA	105.53	\$ 1,258.03	448	2.81	59.44	21.17	2,233.65
1/0 AAC 15 KV H CABLE	105.53	\$ 2,684.67	1,344	2.00	73.23	36.66	3,868.79
TOTAL		\$ 10,795,236.01	14,704,928				

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	0.00494
Zero Intercept (\$ per Unit)	0.27095
R-Square	0.8408

LINEST Array

0.00494	0.27095
0.00114	0.13980
0.84078	347.73683

Plant Classification

Total Number of Units	14,704,928
Zero Intercept (\$/Unit)	\$ 0.27
Minimum System (\$/Unit)	\$ 0.03
Use Min System (M) or Zero Intercept (Z)?	Z
Zero Intercept or Min System Cost (\$)	\$ 3,984,366
Total Cost of Sample	\$ 10,795,236
Percentage of Total	0.3691
Percentage Classified as Customer-Related	36.91%
Percentage Classified as Demand-Related	63.09%

BIG SANDY RECC
Zero Intercept & Minimum System Analyses

Account 367 - Underground Conductors and Devices

Description	Size	Cost	Quantity	Actual Unit Cost (\$ per Unit)	Linear Regression Inputs		
					y*n^0.5	n^0.5	xn^0.5
#2 COPPER	66.37	\$ 1,101.01	585	1.88	45.52	24.19	1,605.28
#4/0 URD PRIMARY	41.74	\$ 9,633.34	2,123	4.54	209.07	46.08	1,923.21
#2 UF 15KV	66.37	\$ 87,080.16	16,546	5.26	676.98	128.63	8,537.26
1/0 UF AL 15KV	105.53	\$ 290,280.27	56,421	5.14	1,222.07	237.53	25,066.65
TOTAL		\$ 388,094.78	75,675				

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	0.00256
Zero Intercept (\$ per Unit)	4.88600
R-Square	0.9965

LINEST Array

0.00256	4.88600
0.01157	1.11893
0.99647	59.36751

Plant Classification

Total Number of Units	75,675
Zero Intercept (\$/Unit)	\$ 4.89
Minimum System (\$/Unit)	\$ 1.88
Use Min System (M) or Zero Intercept (Z)?	Z
Zero Intercept or Min System Cost (\$)	\$ 369,748
Total Cost of Sample	\$ 388,095
Percentage of Total	0.9527
Percentage Classified as Customer-Related	95.27%
Percentage Classified as Demand-Related	4.73%

BIG SANDY RECC
Zero Intercept & Minimum System Analyses

Account 368 - Line Transformers

Description	Size	Cost	Quantity	Actual Unit Cost (\$ per Unit)	Linear Regression Inputs			NARUC CAM	
					y^n*0.5	n^0.5	xn^0.5	Incl?	Qty
5 KVA CONV	5.00	\$ 34,544.91	144	239.90	2,878.74	12.00	60.00	1	144
10 KVA CONV	10.00	\$ 32,886.78	83	396.23	3,609.79	9.11	91.10	1	83
15 KVA CONV	15.00	\$ 64,698.08	113	572.55	6,086.28	10.63	159.45	1	113
25 KVA CONV	25.00	\$ 119,691.25	194	616.97	8,593.33	13.93	348.21	1	194
37.5 KVA CONV	37.50	\$ 240,427.08	252	954.08	15,145.48	15.87	595.29	1	252
50 KVA CONV	50.00	\$ 473,272.95	509	929.81	20,977.45	22.56	1,128.05	1	509
50 KVA/TWACS	50.00	\$ 26,990.44	35	771.16	4,562.22	5.92	295.80	1	35
1.5 KVA CSP	1.50	\$ 8,195.52	114	71.89	767.58	10.68	16.02	1	114
3 KVA CSP	3.00	\$ 8,762.65	130	67.41	768.54	11.40	34.21	1	130
5 KVA CSP	5.00	\$ 33,295.87	246	135.35	2,122.87	15.68	78.42	1	246
7.5 KVA CSP	7.50	\$ 227.46	2	113.73	160.84	1.41	10.61	1	2
10 KVA CSP	10.00	\$ 890,204.56	2,994	297.33	16,269.11	54.72	547.17	1	2,994
15 KVA CSP	15.00	\$ 1,835,553.92	3,214	571.11	32,377.57	56.69	850.38	1	3,214
25 KVA CSP	25.00	\$ 1,612,738.47	2,241	719.65	34,067.72	47.34	1,183.48	1	2,241
37.5 KVA	37.50	\$ 5,005.00	5	1,001.00	2,238.30	2.24	83.85	1	5
PADMOUNT SINGLE PH 25 KVA	25.00	\$ 35,060.36	18	1,947.80	8,263.81	4.24	106.07	1	18
PADMOUNT SINGLE PH 50 KVA	50.00	\$ 17,700.00	8	2,212.50	6,257.90	2.83	141.42	1	8
75 KVA CONV	75.00	\$ 71,664.01	55	1,302.98	9,663.17	7.42	556.21	0	-
100 KVA CONV	100.00	\$ 100,751.28	60	1,679.19	13,006.93	7.75	774.60	0	-
167 KVA CONV	167.00	\$ 136,015.08	63	2,158.97	17,136.29	7.94	1,325.52	0	-
225 KVA CONV	225.00	\$ 3,572.00	1	3,572.00	3,572.00	1.00	225.00	0	-
225, 300, & 333	225.00	\$ 60,505.80	19	3,184.52	13,880.98	4.36	980.75	0	-
500 KVA CONV	500.00	\$ 88,138.41	17	5,184.61	21,376.70	4.12	2,061.55	0	-
833-1500 KVA	833.00	\$ 82,071.62	5	16,414.32	36,703.54	2.24	1,862.64	0	-
PADMOUNT SINGLE PH 100 KVA	100.00	\$ 13,579.42	3	4,526.47	7,840.08	1.73	173.21	0	-
PADMOUNT THREE PH 75 KVA	75.00	\$ 10,892.00	2	5,446.00	7,701.81	1.41	106.07	0	-
PADMOUNT THREE PH 300 KVA	300.00	\$ 28,959.33	2	14,479.67	20,477.34	1.41	424.26	0	-
PADMOUNT THREE PH 1500 KVA	1,500.00	\$ 17,991.00	1	17,991.00	17,991.00	1.00	1,500.00	0	-
PADMOUNT THREE PH 225 KVA	225.00	\$ 6,967.00	1	6,967.00	6,967.00	1.00	225.00	0	-
PADMOUNT 3 PH 150 KVA	150.00	\$ 15,806.52	2	7,903.26	11,176.90	1.41	212.13	0	-
TOTAL		\$ 6,076,168.77	10,533						10,302

Zero Intercept Linear Regression Results

Size Coefficient (\$ per MCM)	14.37731
Zero Intercept (\$ per Unit)	270.76168
R-Square	0.9553

LINEST Array

14.37731	270.76168
1.78400	46.13457
0.95528	3,140.63577

Plant Classification

Total Number of Units	*	10,302
Zero Intercept (\$/Unit)	\$	270.76
Minimum System (\$/Unit)	\$	67.41
Use Min System (M) or Zero Intercept (Z)?		Z
Zero Intercept or Min System Cost (\$)	\$	2,789,387
Total Cost of Sample	\$	6,076,169
Percentage of Total		0.4591
Percentage Classified as Customer-Related		45.91%
Percentage Classified as Demand-Related		54.09%

* Only single-phase up to 50 KVA should be included in the Customer-related component per NARUC CAM

TOTAL

Description	Acct	Demand	Customer	Method
Overhead Conductors and Devices	365	0.63091	0.36909	Z
Underground Conductors and Devices	367	0.04727	0.95273	Z
Line Transformers	368	0.54093	0.45907	Z

Exhibit JW-9 Present & Proposed Rates

**BIG SANDY R.E.C.C.
Present and Proposed Rates**

#	Item	Code	Present Revenue \$	Proposed Revenue \$	Revenue Increase \$	Revenue Increase %	Avg Bill Incr \$
1	Farm & Home	A1	\$ 19,446,234	\$ 22,444,277	\$ 2,998,043	15.42%	\$ 21.55
2	Commercial & Small Power	A2	\$ 1,383,782	\$ 1,383,782	\$ -	0.00%	\$ -
3	Large Power Service (25-750 kV)	LP	\$ 2,478,591	\$ 2,719,256	\$ 240,666	9.71%	\$ 125.15
4	Large Power Service (750 kVA +)	LPR	\$ 1,056,847	\$ 1,082,902	\$ 26,055	2.47%	\$ 255.44
5	Industrial	IND-1B	\$ 580,948	\$ 627,664	\$ 46,716	8.04%	\$ 3,893.02
6	Lighting	YL1	\$ 980,844	\$ 1,126,882	\$ 146,038	14.89%	NA
7	Total Revenue		\$ 25,927,245	\$ 29,384,762	\$ 3,457,517	13.34%	NA
8	Target Revenue				\$ 3,458,483		
9	Rate Rounding Variance				\$ (965)		
10	Rate Rounding Variance				-0.03%		

BIG SANDY R.E.C.C.
Present and Proposed Rates

#	Classification	Code	Billing Component	Billing Units	Test Year Rate	Test Year Revenue	Present Rate	Present Revenue	Proposed Rate	Rate Change	Proposed Revenue	Increase \$	%
1	Farm & Home	A1											
2			Customer Charge	139,123	21.95	\$ 3,053,750	21.95	\$ 3,053,750	29.00	7.05	\$ 4,034,567	\$ 980,817	32.1%
3			Energy Charge per kWh	142,863,015	0.08877	\$ 12,681,950	0.10064	\$ 14,377,734	0.11476	0.01412	\$ 16,394,960	\$ 2,017,226	14.0%
4			Total Base Rates			\$ 15,735,700		\$ 17,431,484			\$ 20,429,527	\$ 2,998,043	17.2%
5			FAC			\$ 1,753,825		\$ 58,041			\$ 58,041	\$ -	0.0%
6			ES			\$ 1,956,145		\$ 1,956,145			\$ 1,956,145	\$ -	0.0%
7			Envirowatts			\$ 564		\$ 564			\$ 564	\$ -	0.0%
8			Other			\$ -		\$ -			\$ -	\$ -	0.0%
9			Total Riders			\$ 3,710,534		\$ 2,014,750			\$ 2,014,750	\$ -	0.0%
10			TOTAL REVENUE			\$ 19,446,234		\$ 19,446,234			\$ 22,444,277	\$ 2,998,043	15.4%
11			Average	1,027		\$ 139.78		\$ 139.78			\$ 161.33	\$ 21.55	15.4%
12													
13	Commercial & Small Power	A2											
14			Customer Charge	10,481	30.98	\$ 324,701	30.98	\$ 324,701	30.98	-	\$ 324,701	\$ -	0.0%
15			Demand Charge per kW	39,332	5.68	\$ 223,408	5.68	\$ 223,408	5.68	-	\$ 223,408	\$ -	0.0%
16			Energy Charge per kWh	8,504,773	0.06973	\$ 593,038	0.08160	\$ 693,989	0.08160	-	\$ 693,989	\$ -	0.0%
17			Total Base Rates			\$ 1,141,148		\$ 1,242,099			\$ 1,242,099	\$ -	0.0%
18			FAC			\$ 104,385		\$ 3,434			\$ 3,434	\$ -	0.0%
19			ES			\$ 138,216		\$ 138,216			\$ 138,216	\$ -	0.0%
20			Envirowatts			\$ 33		\$ 33			\$ 33	\$ -	0.0%
21			Other			\$ -		\$ -			\$ -	\$ -	0.0%
22			Total Riders			\$ 242,634		\$ 141,682			\$ 141,682	\$ -	0.0%
23			TOTAL REVENUE			\$ 1,383,782		\$ 1,383,782			\$ 1,383,782	\$ -	0.0%
24			Average	815		\$ 132.03		\$ 132.03			\$ 132.03	\$ -	0.0%
25													

BIG SANDY R.E.C.C.
Present and Proposed Rates

#	Classification	Code	Billing Component	Billing Units	Test Year Rate	Test Year Revenue	Present Rate	Present Revenue	Proposed Rate	Rate Change	Proposed Revenue	Increase \$	%
26	Large Power Service (25-750 kV)	LP											
27			Customer Charge	1,923	96.34	\$ 185,262	96.34	\$ 185,262	96.34	-	\$ 185,262	\$ -	0.0%
28			Demand Charge per kW	79,987	6.48	\$ 518,313	6.48	\$ 518,313	6.48	-	\$ 518,313	\$ -	0.0%
29			Energy Charge Secondary per kWh	6,841,625	0.05893	\$ 403,177	0.07080	\$ 484,387	0.08206	0.01126	\$ 561,424	\$ 77,037	15.9%
30			Energy Charge Primary per kWh	15,963,792	0.05261	\$ 839,855	0.06448	\$ 1,029,345	0.07473	0.01025	\$ 1,192,974	\$ 163,629	15.9%
31			Total Base Rates			\$ 1,946,606		\$ 2,217,307			\$ 2,457,972	\$ 240,666	10.9%
32			FAC			\$ 276,653		\$ 5,953			\$ 5,953	\$ -	0.0%
33			ES			\$ 255,331		\$ 255,331			\$ 255,331	\$ -	0.0%
34			Envirowatts			\$ -		\$ -			\$ -	\$ -	0.0%
35			Other			\$ -		\$ -			\$ -	\$ -	0.0%
36			Total Riders			\$ 531,984		\$ 261,284			\$ 261,284	\$ -	0.0%
37			TOTAL REVENUE			\$ 2,478,591		\$ 2,478,591			\$ 2,719,256	\$ 240,666	9.7%
38			Average	8,302		\$ 1,288.92		\$ 1,288.92			\$ 1,414.07	\$ 125.15	9.7%
40	Large Power Service (750 kVA +)	LPR											
41			Customer Charge	102	118.25	\$ 12,062	118.25	\$ 12,062	118.25	-	\$ 12,062	\$ -	0.0%
42			Demand Charge per kW	39,891	6.68	\$ 266,473	6.68	\$ 266,473	6.68	-	\$ 266,473	\$ -	0.0%
43			Energy Charge Secondary per kWh	-	0.05844	\$ -	0.07031	\$ -	0.07303	0.00272	\$ -	\$ -	0.0%
44			Energy Charge Primary per kWh	10,505,980	0.05218	\$ 548,202	0.06405	\$ 672,908	0.06653	0.00248	\$ 698,963	\$ 26,055	3.9%
45			Total Base Rates			\$ 826,736		\$ 951,442			\$ 977,497	\$ 26,055	2.7%
46			FAC			\$ 127,876		\$ 3,170			\$ 3,170	\$ -	0.0%
47			ES			\$ 102,234		\$ 102,234			\$ 102,234	\$ -	0.0%
48			Envirowatts			\$ -		\$ -			\$ -	\$ -	0.0%
49			Other			\$ -		\$ -			\$ -	\$ -	0.0%
50			Total Riders			\$ 230,110		\$ 105,404			\$ 105,404	\$ -	0.0%
51			TOTAL REVENUE			\$ 1,056,847		\$ 1,056,847			\$ 1,082,902	\$ 26,055	2.5%
52			Average	103,000		\$ 10,361.24		\$ 10,361.24			\$ 10,616.68	\$ 255.44	2.5%
54	Industrial	IND-1B											
55			Customer Charge	12	179.01	\$ 2,148	179.01	\$ 2,148	179.01	-	\$ 2,148	\$ -	0.0%
56			Demand Charge-Contract per kW	12,521	6.65	\$ 83,263	6.65	\$ 83,263	7.49	0.84	\$ 93,781	\$ 10,517	12.6%
57			Demand Charge-Excess per kW	-	9.65	\$ -	9.65	\$ -	9.98	0.33	\$ -	\$ -	0.0%
58			Energy Charge Secondary per kWh	-	0.05348	\$ -	0.06535	\$ -	0.07075	0.00540	\$ -	\$ -	0.0%
59			Energy Charge Primary per kWh	6,778,800	0.05275	\$ 357,582	0.06462	\$ 438,046	0.06996	0.00534	\$ 474,245	\$ 36,199	8.3%
60			Total Base Rates			\$ 442,993		\$ 523,458			\$ 570,174	\$ 46,716	8.9%
61			FAC			\$ 81,844		\$ 1,380			\$ 1,380	\$ -	0.0%
62			ES			\$ 56,110		\$ 56,110			\$ 56,110	\$ -	0.0%
63			Envirowatts			\$ -		\$ -			\$ -	\$ -	0.0%
64			Other			\$ -		\$ -			\$ -	\$ -	0.0%
65			Total Riders			\$ 137,955		\$ 57,490			\$ 57,490	\$ -	0.0%
66			TOTAL REVENUE			\$ 580,948		\$ 580,948			\$ 627,664	\$ 46,716	8.0%
67			Average	564,900		\$ 48,412.32		\$ 48,412.32			\$ 52,305.35	\$ 3,893.02	8.0%

BIG SANDY R.E.C.C.
Present and Proposed Rates

#	Classification	Code	Billing Component	Billing Units	Test Year Rate	Test Year Revenue	Present Rate	Present Revenue	Proposed Rate	Rate Change	Proposed Revenue	Increase \$	%
68	Lighting	YL1											
69			146 WATT FLOOD	348	14.09 \$	4,903	15.91 \$	5,537	18.27	2.36 \$	6,358 \$	821	14.8%
70			150 WATT HIGH PRESSURE SODIUM	96	9.50 \$	912	10.33 \$	992	11.87	1.54 \$	1,140 \$	148	14.9%
71			250 WATT HIGH PRESSURE SODIUM	48	14.09 \$	676	15.91 \$	764	18.27	2.36 \$	877 \$	113	14.8%
72			85 WATT INDUCTION	2,064	9.50 \$	19,608	10.33 \$	21,321	11.87	1.54 \$	24,500 \$	3,179	14.9%
73			145 WATT LED	11,964	14.09 \$	168,573	15.91 \$	190,347	18.27	2.36 \$	218,582 \$	28,235	14.8%
74			55 WATT LED	16,308	9.50 \$	154,926	10.33 \$	168,462	11.87	1.54 \$	193,576 \$	25,114	14.9%
75			60 WATT LED	1,680	9.50 \$	15,960	10.33 \$	17,354	11.87	1.54 \$	19,942 \$	2,587	14.9%
76			65 WATT LED	6,360	9.50 \$	60,420	10.33 \$	65,699	11.87	1.54 \$	75,493 \$	9,794	14.9%
77			70 WATT LED	24,060	9.50 \$	228,570	10.33 \$	248,540	11.87	1.54 \$	285,592 \$	37,052	14.9%
78			100 WATT METAL HALIDE	804	9.50 \$	7,638	10.33 \$	8,305	11.87	1.54 \$	9,543 \$	1,238	14.9%
79			250 WATT FLOOD METAL HALIDE	336	19.26 \$	6,471	21.08 \$	7,083	24.21	3.13 \$	8,135 \$	1,052	14.8%
80			250 WATT METAL HALIDE	180	14.09 \$	2,536	15.91 \$	2,864	18.27	2.36 \$	3,289 \$	425	14.8%
81			175 WATT MERCURY VAPOR	18,936	9.50 \$	179,892	10.33 \$	195,609	11.87	1.54 \$	224,770 \$	29,161	14.9%
82			400 WATT FLOOD MERCURY VAPOR	600	19.26 \$	11,556	21.08 \$	12,648	24.21	3.13 \$	14,526 \$	1,878	14.8%
83			400 WATT MERCURY VAPOR	2,220	14.09 \$	31,280	15.91 \$	35,320	18.27	2.36 \$	40,559 \$	5,239	14.8%
84			500 WATT MERCURY VAPOR	-	16.47 \$	-	18.96 \$	-	21.78	2.82 \$	- \$	-	0.0%
85			1500 WATT MERCURY VAPOR	-	37.74 \$	-	45.22 \$	-	51.94	6.72 \$	- \$	-	0.0%
86			Total Base Rates		\$	893,922	\$	980,844		\$	1,126,882 \$	\$	146,038 14.9%
87			FAC		\$	-	\$	-		\$	- \$	\$	- 0.0%
88			ES		\$	-	\$	-		\$	- \$	\$	- 0.0%
89			Envirowatts		\$	-	\$	-		\$	- \$	\$	- 0.0%
90			Other										
91			Total Riders		\$	-	\$	-		\$	- \$	\$	- 0.0%
92			TOTAL REVENUE		\$	893,922	\$	980,844		\$	1,126,882 \$	\$	146,038 14.9%
93													
94													
95													
96	TOTALS		Total Base Rates		\$	20,987,105	\$	23,346,634		\$	26,804,151 \$	\$	3,457,517 14.8%
97			FAC		\$	2,344,584	\$	71,978		\$	71,978 \$	\$	- 0.0%
98			ES		\$	2,508,036	\$	2,508,036		\$	2,508,036 \$	\$	- 0.0%
99			Envirowatts		\$	597	\$	597		\$	597 \$	\$	- 0.0%
100			Other		\$	-	\$	-		\$	- \$	\$	- 0.0%
101			Total Riders		\$	4,853,217	\$	2,580,611		\$	2,580,611 \$	\$	- 0.0%
102			TOTAL REVENUE		\$	25,840,322	\$	25,927,245		\$	29,384,762 \$	\$	3,457,517 13.3%
103													
104			Rate Rounding Variance								\$	(965)	-0.028%
105							FAC Roll-in >	0.01187					
106			TARGET INCREASE:									\$ 3,458,483	

**BIG SANDY R.E.C.C.
Billing Proof Reconciliation**

#	Rate	Code	Energy kWh	Revenue Booked	Revenue Calculated	Variance \$	Variance %
1	Farm & Home	A1	142,863,015	\$ 19,440,092	\$ 19,446,234	\$ 6,142	0.03%
2	Commercial & Small Power	A2	8,504,773	\$ 1,385,991	\$ 1,383,782	\$ (2,209)	-0.16%
3	Large Power Service (25-750 kV)	LP	22,805,417	\$ 2,519,950	\$ 2,478,591	\$ (41,360)	-1.64%
4	Large Power Service (750 kVA +)	LPR	10,505,980	\$ 1,060,513	\$ 1,056,847	\$ (3,666)	-0.35%
5	Industrial	IND-1B	6,778,800	\$ 580,948	\$ 580,948	\$ (0)	0.00%
6	Lighting	YL1	-	\$ 896,440	\$ 980,844	\$ 84,404	9.42%
7	Total		191,457,985	\$ 25,883,935	\$ 25,927,245	\$ 43,310	0.17%

BIG SANDY R.E.C.C.
Estimated Monthly Increase by Usage
Residential

#	Monthly kWh	Present Base Rates				Proposed Base Rates				Increase	
		Customer	Energy	Riders	SubTotal	Customer	Energy	Riders	SubTotal	\$	%
		\$ 21.95	\$ 0.10064	\$ 0.01410		\$ 29.00	\$ 0.11476	\$ 0.01410			
1	-	\$ 21.95	\$ -	\$ -	\$ 21.95	\$ 29.00	\$ -	\$ -	\$ 29.00	\$ 7.05	32.1%
2	100	\$ 21.95	\$ 10.06	\$ 1.41	\$ 33.42	\$ 29.00	\$ 11.48	\$ 1.41	\$ 41.89	\$ 8.46	25.3%
3	200	\$ 21.95	\$ 20.13	\$ 2.82	\$ 44.90	\$ 29.00	\$ 22.95	\$ 2.82	\$ 54.77	\$ 9.87	22.0%
4	300	\$ 21.95	\$ 30.19	\$ 4.23	\$ 56.37	\$ 29.00	\$ 34.43	\$ 4.23	\$ 67.66	\$ 11.29	20.0%
5	400	\$ 21.95	\$ 40.26	\$ 5.64	\$ 67.85	\$ 29.00	\$ 45.90	\$ 5.64	\$ 80.55	\$ 12.70	18.7%
6	500	\$ 21.95	\$ 50.32	\$ 7.05	\$ 79.32	\$ 29.00	\$ 57.38	\$ 7.05	\$ 93.43	\$ 14.11	17.8%
7	600	\$ 21.95	\$ 60.38	\$ 8.46	\$ 90.80	\$ 29.00	\$ 68.86	\$ 8.46	\$ 106.32	\$ 15.52	17.1%
8	700	\$ 21.95	\$ 70.45	\$ 9.87	\$ 102.27	\$ 29.00	\$ 80.33	\$ 9.87	\$ 119.20	\$ 16.93	16.6%
9	800	\$ 21.95	\$ 80.51	\$ 11.28	\$ 113.74	\$ 29.00	\$ 91.81	\$ 11.28	\$ 132.09	\$ 18.35	16.1%
10	900	\$ 21.95	\$ 90.58	\$ 12.69	\$ 125.22	\$ 29.00	\$ 103.28	\$ 12.69	\$ 144.98	\$ 19.76	15.8%
11	1,000	\$ 21.95	\$ 100.64	\$ 14.10	\$ 136.69	\$ 29.00	\$ 114.76	\$ 14.10	\$ 157.86	\$ 21.17	15.5%
12	1,100	\$ 21.95	\$ 110.70	\$ 15.51	\$ 148.17	\$ 29.00	\$ 126.24	\$ 15.51	\$ 170.75	\$ 22.58	15.2%
13	1,200	\$ 21.95	\$ 120.77	\$ 16.92	\$ 159.64	\$ 29.00	\$ 137.71	\$ 16.92	\$ 183.64	\$ 23.99	15.0%
14	1,300	\$ 21.95	\$ 130.83	\$ 18.33	\$ 171.12	\$ 29.00	\$ 149.19	\$ 18.33	\$ 196.52	\$ 25.41	14.8%
15	1,400	\$ 21.95	\$ 140.90	\$ 19.74	\$ 182.59	\$ 29.00	\$ 160.66	\$ 19.74	\$ 209.41	\$ 26.82	14.7%
16	1,500	\$ 21.95	\$ 150.96	\$ 21.15	\$ 194.06	\$ 29.00	\$ 172.14	\$ 21.15	\$ 222.29	\$ 28.23	14.5%
17	1,600	\$ 21.95	\$ 161.02	\$ 22.56	\$ 205.54	\$ 29.00	\$ 183.62	\$ 22.56	\$ 235.18	\$ 29.64	14.4%
18	1,700	\$ 21.95	\$ 171.09	\$ 23.97	\$ 217.01	\$ 29.00	\$ 195.09	\$ 23.97	\$ 248.07	\$ 31.05	14.3%
19	1,800	\$ 21.95	\$ 181.15	\$ 25.38	\$ 228.49	\$ 29.00	\$ 206.57	\$ 25.38	\$ 260.95	\$ 32.47	14.2%
20	1,900	\$ 21.95	\$ 191.22	\$ 26.80	\$ 239.96	\$ 29.00	\$ 218.04	\$ 26.80	\$ 273.84	\$ 33.88	14.1%
21	2,000	\$ 21.95	\$ 201.28	\$ 28.21	\$ 251.44	\$ 29.00	\$ 229.52	\$ 28.21	\$ 286.73	\$ 35.29	14.0%
22	2,100	\$ 21.95	\$ 211.34	\$ 29.62	\$ 262.91	\$ 29.00	\$ 241.00	\$ 29.62	\$ 299.61	\$ 36.70	14.0%
23	2,200	\$ 21.95	\$ 221.41	\$ 31.03	\$ 274.38	\$ 29.00	\$ 252.47	\$ 31.03	\$ 312.50	\$ 38.11	13.9%
24	2,300	\$ 21.95	\$ 231.47	\$ 32.44	\$ 285.86	\$ 29.00	\$ 263.95	\$ 32.44	\$ 325.38	\$ 39.53	13.8%
25	2,400	\$ 21.95	\$ 241.54	\$ 33.85	\$ 297.33	\$ 29.00	\$ 275.42	\$ 33.85	\$ 338.27	\$ 40.94	13.8%
26	2,500	\$ 21.95	\$ 251.60	\$ 35.26	\$ 308.81	\$ 29.00	\$ 286.90	\$ 35.26	\$ 351.16	\$ 42.35	13.7%
27	2,600	\$ 21.95	\$ 261.66	\$ 36.67	\$ 320.28	\$ 29.00	\$ 298.38	\$ 36.67	\$ 364.04	\$ 43.76	13.7%
28	2,700	\$ 21.95	\$ 271.73	\$ 38.08	\$ 331.76	\$ 29.00	\$ 309.85	\$ 38.08	\$ 376.93	\$ 45.17	13.6%
29	2,800	\$ 21.95	\$ 281.79	\$ 39.49	\$ 343.23	\$ 29.00	\$ 321.33	\$ 39.49	\$ 389.82	\$ 46.59	13.6%
30	2,900	\$ 21.95	\$ 291.86	\$ 40.90	\$ 354.70	\$ 29.00	\$ 332.80	\$ 40.90	\$ 402.70	\$ 48.00	13.5%
31	3,000	\$ 21.95	\$ 301.92	\$ 42.31	\$ 366.18	\$ 29.00	\$ 344.28	\$ 42.31	\$ 415.59	\$ 49.41	13.5%
AVG	1,027	\$ 21.95	\$ 103.35	\$ 14.48	\$ 139.78	\$ 29.00	\$ 117.85	\$ 14.48	\$ 161.33	\$ 21.55	15.4%

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 11

**807 KAR 5:001 Section 16(4)(d)
Sponsoring Witness: John Wolfram**

Description of Filing Requirement:

A statement estimating the effect that each new rate will have upon the revenues of the utility including, at minimum, the total amount of revenues resulting from the increase or decrease and the percentage of the increase or decrease.

Response:

Big Sandy is requesting a revenue increase of \$3,457,517, or 13.34%, to achieve a Times Interest Earned Ratio (“TIER”) of 2.00X. For the statement of the effect on revenues for each new rate, see Exhibit 10 of the Application, the Direct Testimony of John Wolfram, specifically Exhibit JW-9.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 12

807 KAR 5:001 Section 16(4)(e)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

If the utility provides electric, gas, water, or sewer service, the effect upon the average bill for each customer classification to which the proposed rate change will apply.

Response:

The effect upon the average bill for each customer classification to which the proposed rate change will apply is as follows:

The effects of the proposed rates on the average monthly bill by rate class are listed below:

Rate	Class	Average Usage (kWh)	Increase	
			Dollars	Percent
A1	Farm & Home	1,027	\$ 21.55	15.42%
A2	Commercial & Small Power	815	\$ -	0.00%
LP	Large Power Service (25-750 kV)	8,302	\$ 125.15	9.71%
LPR	Large Power Service (750 kVA +)	103,000	\$ 255.44	2.48%
IND-1B	Industrial	564,900	\$ 3,893.02	8.04%
YL1	Lighting	NA	NA	14.89%

Case No. 2024-00287
Application-Exhibit 12
No Attachment

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 13

**807 KAR 5:001 Section 16(4)(g)
Sponsoring Witness: John Wolfram**

Description of Filing Requirements:

A detailed analysis of customer's bills whereby revenues from the present and proposed rates can be readily determined for each customer class.

Response:

The analysis of customer bills by rate schedule, reflecting present and proposed rates, can be found in Exhibit 10 of the Application, John Wolfram's Direct Testimony, Exhibit JW-9.

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 14

**807 KAR 5:001 Section 16(4)(h)
Sponsoring Witness: John Wolfram**

Description of Filing Requirements:

A summary of the utility's determination of its revenue requirements based on return on net investment rate base, return on capitalization, interest coverage, debt service coverage, or operating ratio, with supporting schedules.

Response:

The revenue requirement in this case is based on achieving an Times Interest Earned Ratio ("TIER") of 2.00X. A summary of Big Sandy's determination of its revenue requirement based on this TIER can be found in Exhibit 10 of the Application, John Wolfram's Direct Testimony, specifically Exhibit JW-2.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 15

807 KAR 5:001 Section 16(4)(i)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

A reconciliation of the rate base and capital used to determine its revenue requirements

Response:

Please see attached for the reconciliation of rate base and capital used to determine the revenue requirements.

Revenue requirements were determined on the basis of achieving an TIER of 2.00 . Please see the testimony of John Wolfram provided at Exhibit 10 and, in particular, Exhibit JW-2 thereof. The rate base is calculated as part of the cost of service study ("COSS"); this is provided in Exhibit JW-4.

Big Sandy R.E.C.C.**Case No. 2024-00287****Reconciliation of Rate Base & Capital**

1	Rate Base	\$	35,397,247
2			
3	Total Capitalization	\$	58,231,922
4			
5	Difference to be reconciled	\$	22,834,675
6			
7	Assets not included in Rate Base		
8	Other Property & Investments	\$	24,463,456
9	Cash and Temp Investments	\$	499,217
10	AR	\$	2,557,249
11	Other Current and Accrued Assets	\$	949,991
12	MS	\$	621,849
13	Prep	\$	14,705
14	Other Cur & Accr Assets	\$	55,219
15	Other Assets & Debits	\$	787,425
16	Subtotal	\$	29,949,111
17			
18	Liabilities not included in rate base		
19	Other NonCurrent Liabilities	\$	(2,740,362)
20	Current and Accrued Liabilities	\$	(3,632,940)
21	Other Liab and Credits	\$	(11,665)
22	Subtotal	\$	(6,384,967)
23			
24	Included in Rate Base		
25	CWC Allowance	\$	830,844
26	Materials & Supplies	\$	590,873
27	PrePayments	\$	56,557
28	Deposits	\$	(748,805)
29		\$	729,469
30			
31	Total Reconciling Items	\$	22,834,675
32			
33	Difference	\$	0

**Big Sandy Rural Electric Cooperative
Corporation Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 16

**807 KAR 5:001 Section 16(4)(j)
Sponsoring Witness: Robin Slone**

Description of Filing Requirement:

A current chart of accounts if more detailed than the Uniform System of Accounts.

Response:

Please see attached current chart of accounts.

07/15/2024 6:44:49 am

GENERAL LEDGER
CHART OF ACCOUNTS

Page: 1

Div	Account	Description	Type	Category	Group	Status
0	107.1	CWIP CONTRACTOR	Asset			Active
0	107.2	CWIP FORCE ACCOUNT	Asset			Active
0	107.21	CWIP - INDIRECT	Asset			Active
0	107.3	CWIP SPECIAL EQUIPMENT	Asset			Active
0	107.31	CWIP-OFFICE REMOBL PROJECT	Asset			Active
0	107.32	CWIP- IVR	Asset			Active
0	107.33	CWIP-FEMA GRANT GENERATOR	Asset			Active
0	107.34	CWIP-CURRENT WORK PLAN	Asset			Active
0	108.6	ACCUM PROV DEPR DIST PLANT	Asset			Active
0	108.61	ACCUM.DEPR.DIST.PLANT A/C 364	Asset			Active
0	108.62	ACCUM DEPR.DIST.PLANT A/C 365	Asset			Active
0	108.63	ACCUM.DEPR.DIST.PLANT A/C 366	Asset			Active
0	108.64	ACCUM DEPR.DIST.PLANT. A/C 367	Asset			Active
0	108.65	ACCUM.DEPR.DIST.PLANT A/C 368	Asset			Active
0	108.66	ACCUM.DEPR.DIST.PLANT. A/C 369	Asset			Active
0	108.67	ACCUM.DEPR.DIST.PLANT.A/C 370	Asset			Active
0	108.68	ACCUM PERP.DIST.PLANT A/C 371	Asset			Active
0	108.69	ACCUM DEPR.DIST.PLANT A/C 362	Asset			Active
0	108.7	ACCUM PROV DEPR GENERAL PLANT	Asset			Active
0	108.71	ACCUM.DEPR.GEN.PLANT A/C 390.10	Asset			Active
0	108.72	ACCUM.DEPR.GEN.PLANT A/C 391	Asset			Active
0	108.73	ACCUM.DEPR.GEN.PLANT A/C 394	Asset			Active
0	108.74	ACCUM.DEPR.GEN.PLANT.A/C 395	Asset			Active
0	108.75	ACCUM.DEPR.GEN.PLANT A/C 396	Asset			Active
0	108.76	ACCUM.DEPR.GEN.PLANT A/C 397	Asset			Active
0	108.77	ACCUM.DEPR.GEN.PLANT A/C 398	Asset			Active
0	108.8	RETIREMENT WIP	Asset			Active
0	108.81	RETIREMENT WIP - INDIRECT	Asset			Active
0	108.9	RETIREMENT WIP CONTRACTOR	Asset			Active
0	123.1	PATR CAP ASSOC CO OPS	Asset			Active
0	123.11	INVESTMENTS IN FORESTRY-EARNINGS	Asset			Active
0	123.2	INVEST CFC DAILY LIQUITY	Asset			Active
0	123.21	SUBSC.CAP.TERM CERT.CFC	Asset			Active
0	123.22	INVEST.CAP.TERM CERT. CFC	Asset			Active
0	123.23	OTHER INVEST.ASSOC.ORGIZ.	Asset			Active
0	124.0	OTHER INVESTMENTS	Asset			Active

GENERAL LEDGER
CHART OF ACCOUNTS

Div	Account	Description	Type	Category	Group	Status
0	131.11	CORPORATION CONSTRUCTION ACCT.	Asset			Active
0	131.12	CASH GENERAL CITIZENS GEN CHECK	Asset			Active
0	131.13	CASH-GENERAL BSRECC FLEX-SPEND.	Asset			Active
0	131.14	CASH GENERAL HOWSMART	Asset			Active
0	131.15	CASH CITIZENS CHECKING #2	Asset			Active
0	131.2	CASH CONST.FUND TRUSTEE	Asset			Active
0	131.96	CLEARING ACCOUNT-ALL ELECTR TRANS-131.96	Asset			Active
0	131.97	CLEARING ACCOUNT - CASH - 131.97	Asset			Active
0	131.98	CLEARING ACCOUNT-ALL ELECTR TRANS-131.98	Asset			Active
0	131.99	CLEARING ACCOUNT - CHECKS - 131.99	Asset			Active
0	134.0	OTHER SPECIAL DEPOSITS	Asset			Active
0	135.0	WORKING FUND PETTY CASH/SANDRA	Asset			Active
0	135.1	CHANGE FUND PRESTONSBURG OFFICE	Asset			Active
0	135.11	WORKING FUND-CHANGE	Asset			Active
0	135.12	WORKING FUND-CHANGE/	Asset			Active
0	135.13	WORKING FUND-CHANGE	Asset			Active
0	135.2	WORKING FUND-CHANGE	Asset			Active
0	135.3	CHANGE FUND-PAINTSVILLE OFFICE	Asset			Active
0	135.4	WORKING FUND-CHANGE	Asset			Active
0	135.5	WORKING FUND-CHANGE	Asset			Active
0	135.6	WORKING FUND-CHANGE PRESTONSBURG	Asset			Active
0	135.7	WORKING FUND-CHANGE	Asset			Active
0	135.8	WORKING FUND-CHANGE PRESTONSBURG	Asset			Active
0	135.9	WORKING FUND-CHANGE PRESTONSBURG	Asset			Active
0	136.0	TEMPORARY CASH INVESTMENTS	Asset			Active
0	136.1	TEMP.CASH INVST.6 MO CD'S	Asset			Active
0	136.2	TEMP.CASH INVST.MONEY MARKET	Asset			Active
0	136.3	TEMP CASH INVST CR UNION B.DAVIS	Asset			Active
0	136.4	TEMP CASH INVS HOMESTEAD/B.DAVIS	Asset			Active
0	142.1	CONS.ACCTS.RECEIVABLE ELECTRIC	Asset			Active
0	142.15	AR CONVERSION DIFFERENCE	Asset			Active
0	142.2	CASH PAYMT'S/CAP VOUCHERS	Asset			Active
0	142.3	CONS RECEIVABLE DEBT MNGMT	Asset			Active
0	142.98	CAPITAL CREDIT CLEARING ACCT	Clearing			Active
0	142.99	AR HOLDING ACCOUNT	Asset			Active
0	143.0	OTHER ACCOUNTS RECEIVABLE	Asset			Active

GENERAL LEDGER
CHART OF ACCOUNTS

Div	Account	Description	Type	Category	Group	Status
0	143.1	OTHER ACCTS RECIV-EXPENSE ADVANC	Asset			Active
0	143.2	OTHER ACCTS.REC.WINTER CARE	Asset			Active
0	143.3	ACCTS.REC.NRECA PERSONAL LOAN	Asset			Active
0	143.4	AMERICAN FUNDS LOANS	Asset			Active
0	143.5	KIDS MATTER-DONATION	Asset			Active
0	143.6	OTHER ACCTS.REC.TOOLS DEDUCTIONS	Asset			Active
0	143.7	ACCOUNTS RECEIVABLE - MACED PROG	Asset			Active
0	143.8	MACED - NOTES RECEIVABLE	Asset			Active
0	143.81	BIG SANDY FORESTRY- NOTES RECEIVABLE	Asset			Active
0	143.9	CLEARING ACCT.OUTAGE LBR./PAY	Asset			Active
0	144.1	ACCUM PROV UNCOLLECT ACCTS CR	Asset			Active
0	144.2	ACCUM.PROV.UNCOLLEC.HOW SMART LO	Asset			Active
0	144.4	ACCUM PROV OTHER UNCOLLECT CR	Asset			Active
0	154.0	PLANT MATERIAL & OPERATING SUPPLY	Asset			Active
0	155.0	MERCHANDISE	Asset			Active
0	155.1	OTHR.MERCHANDISE GAS/AUTO PARTS	Asset			Active
0	163.0	STORES EXPENSE UNDISTRIBUTED	Asset			Active
0	163.1	MINOR MATERIAL/ STORES EXPENSE	Asset			Active
0	165.1	PREPAYMENTS-INSURANCE	Asset			Active
0	165.2	OTHER PREPAYMENTS-LICENSE FEES	Asset			Active
0	165.3	OTHER PREPAY-REGISTRATIONS	Asset			Active
0	165.4	OTHR PREPAY/MRG.OFFC.DIRC.INS	Asset			Active
0	165.5	OTHER PREPAY-DUES	Asset			Active
0	165.6	PREPAY- IVR SYSTEM SUPPORT	Asset			Active
0	171.0	INTEREST & DIVIDENDS RECEIVABLE	Asset			Active
0	171.1	INTEREST & DIVIDENDS REC/OTHER	Asset			Active
0	183.0	PRELIM SERVAYS & INVESTGAT. CHGE	Asset			Active
0	184.0	TRANSPOTATION EXP. - INDIRECT	Asset			Active
0	184.1	TRANSPORTATION EXP CLEARING	Asset			Active
0	186.0	MISC. DEFERRED DEBITS/NISC CONVE	Asset			Active
0	186.1	MISC DEFERRED DEBITS-RATE CASE	Asset			Active
0	186.6	DEFERRED PAST SERVICE PENSION	Asset			Active
0	186.9	ENVIRONMENTAL SURCHARGE-UNDER RECOVERY	Asset			Active
0	186.95	FUEL ADJUSTMENT-UNDER RECOVERY	Asset			Active
0	186.99	CONVERSION ADJUSTMENT BALANCES	Asset			Active
0	200.1	MEMBERSHIPS	Liability			Active

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GENERAL LEDGER
CHART OF ACCOUNTS

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Div	Account	Description	Type	Category	Group	Status
0	201.1	PATRONS CAPITAL CREDITS	Liability			Active
0	201.2	PATRONAGE CAPITAL CR.ASSIGNABLE	Liability			Active
0	208.0	DONATED CAPITAL	Liability			Active
0	208.1	DONATED CAPITAL/CAPITAL CREDITS	Liability			Active
0	215.3	OTHER COMPREHENSIVE INCOME/FASB	Liability			Active
0	217.0	RETIRED CAPITAL CREDIT-GAIN	Liability			Active
0	217.1	RETIRED CAP.CR. GAIN-DISCOUNT \$	Liability			Active
0	217.11	CAPITAL CREDIT RETIRED NO CHECK	Liability			Active
0	217.99	RETIRED CAPITAL CR-GAIN CONVERISON BAL	Liability			Active
0	219.1	OPERATING MARGINS	Liability			Active
0	219.2	NON OPERATING MARGINS	Liability			Active
0	219.3	OTHER MARGINS	Liability			Active
0	224.11	OTHER LONG TERM DEBT-SUBSC.	Liability			Active
0	224.12	OTHER LONG TERM DEBT-CFC	Liability			Active
0	224.13	CFC NOTES EXUC.-DEBIT/REFINANCED	Liability			Active
0	224.14	OTH LONG TERM DEBT-PAST SVC COST	Liability			Active
0	224.15	NOTES EXECUTED-OTHER DEBIT	Liability			Active
0	224.16	CO-BANK NOTES EXECUTED	Liability			Active
0	224.17	OTHER LONG TERM DEBT	Liability			Active
0	224.2	FFB NOTES EXUC.	Liability			Active
0	224.21	FFB NOTES EXUC CONST DEBT	Liability			Active
0	224.3	LONG TERM DEBT-RUS NOTES EXUC	Liability			Active
0	224.4	RUS NOTES EXUC CONST DEBT	Liability			Active
0	224.5	INT ACCR DEFERRED RUS CONST	Liability			Active
0	224.6	ADV PAY UNAPPLYD LONG TERM DEBT	Liability			Active
0	224.7	MACED - NOTES PAYABLE	Liability			Active
0	228.3	ACCUM PROV PENSIONS/BENEFITS	Liability			Active
0	231.0	NOTES PAYABLE	Liability			Active
0	232.1	ACCOUNTS PAYABLE GENERAL	Liability			Active
0	232.12	ACCOUNTS PAYABLE - CREDIT CARDS	Liability			Active
0	232.15	ACCTS PAYABLE-YR END VEHICLES	Liability			Active
0	232.2	ACCTS PAYABLE OTHER	Liability			Active
0	232.25	ACCTS.PAYABLE LEASED VEH CO-BANK	Liability			Active
0	232.26	ACCTS. PAYABLE- BOBCAT FINANCING	Liability			Active
0	232.27	ACCTS PAYABLE-AUTO LOAN	Liability			Active
0	232.3	ACCTS PAYABLE POLE INSPECTION	Liability			Active

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GENERAL LEDGER
CHART OF ACCOUNTS

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Div	Account	Description	Type	Category	Group	Status
0	232.4	ACCTS PAYABLE-WHOLESALE POWER	Liability			Active
0	232.5	ACCTS PAYABLE/PSC ASSMT	Liability			Active
0	232.6	ACCTS PAY/CFC/ZTC 11/03 TO 06/04	Liability			Active
0	232.7	ACCTS PAYABLE/SECURE WORKS IPS	Liability			Active
0	232.8	ACCTS PAY CHILD SUP/WAGE GARNISH	Liability			Active
0	232.9	ACCTS PAYBLE TWACS SUPPORT AGRMT	Liability			Active
0	232.99	UNINVOICED CLEARING ACCOUNT	Liability			Active
0	234.0	ACCTS PAYABLE ASSOC COMPANIES	Liability			Active
0	235.0	CONSUMER DEPOSITS	Liability			Active
0	235.1	CONSUMER DEPOSITS-COMMERCIAL	Liability			Active
0	236.1	ACCURED PROPERTY TAX	Liability			Active
0	236.2	ACCRD US SOC SECURITY UNEMPLYMEN	Liability			Active
0	236.3	ACCRD US SOC SECURITY TAX FICA	Liability			Active
0	236.4	ACCRD STATE SOC SECURITY UNEMP	Liability			Active
0	236.5	ACCRUED STATE SALES TAX	Liability			Active
0	237.1	ACCRUED RUS INT CONST OBLIG	Liability			Active
0	237.2	FFB INTEREST ACCRUED	Liability			Active
0	237.3	OTHER INTEREST ACCRUED	Liability			Active
0	237.4	ACCRUED INT.-SHORT TERM LOAN	Liability			Active
0	237.5	OTHER INT ACCRUED CONSUMER DEP	Liability			Active
0	237.6	CO-BANK - ACCRUED INTEREST	Liability			Active
0	237.7	OTHER INT ACCRU CON DEP/NISC	Liability			Active
0	238.1	PATRONAGE CAPITAL PAYABLE	Liability			Active
0	241.0	TAX COLLECTION PAYBLE FEDERAL	Liability			Active
0	241.1	SCHOOL TAX -MARTIN COUNTY	Liability			Active
0	241.11	MARTIN COUNTY OCCUPATIONAL TAX	Liability			Active
0	241.2	TAX PAY- P-VILLE CITY TAX	Liability			Active
0	241.21	TAX PAY- CITY TAX P-BURG	Liability			Active
0	241.3	TAX COLLECT PAYBLE ST INCOME TAX	Liability			Active
0	241.4	SCHOOL TAX-BREATHITT COUNTY	Liability			Active
0	241.5	SCHOOL TAX-JOHNSON COUNTY	Liability			Active
0	241.6	SCHOOL TAX LAWRENCE COUNTY	Liability			Active
0	241.7	SCHOOL TAX-MAGOFFIN COUNTY	Liability			Active
0	241.8	SCHOOL TAX-KNOTT COUNTY	Liability			Active
0	241.85	SCHOOL TAX- MORGAN COUNTY	Liability			Active
0	241.9	JOHNSON COUNTY OCCUPATIONAL TAX	Liability			Active

GENERAL LEDGER
CHART OF ACCOUNTS

Div	Account	Description	Type	Category	Group	Status
0	242.09	CURR.ACCRD.LIAB/VISION INS	Liability			Active
0	242.1	BSRECC FLEX-SPENDING PLAN	Liability			Active
0	242.11	CUR/ACCRUED LIAB-CANCER INS	Liability			Active
0	242.12	CURR.ACCRD.LIAB-ALLSTATE INS	Liability			Active
0	242.13	CUR.ACCRD.LIAB/AUTO USE	Liability			Active
0	242.14	CURR.ACCRD.LIAB/DENTAL INS	Liability			Active
0	242.15	CURR.ACCRD.LIAB/TWACS SUPPORT	Liability			Active
0	242.16	CURR.ACCRD.LIAB/GROUP TERM LIFE	Liability			Active
0	242.17	CURR ACCRD LIAB 401K ALL EMP	Liability			Active
0	242.18	CURR.ACCR.LIB.401K OTSD/PAY DED.	Liability			Active
0	242.19	AMERICAN FUNDS 401-K OUTSIDE %	Liability			Active
0	242.2	ACCRUED PAYROLL	Liability			Active
0	242.21	EXPENSE DIRECTORS CONFERENCE	Liability			Active
0	242.22	R/W BIDWORK EXPENSE ACCRUAL	Liability			Active
0	242.23	ACCRUED R/W SPRAY EXPENSE	Liability			Active
0	242.3	ACCRUED EMPLOYEE VACATION	Liability			Active
0	242.31	ACCRUED EMPLOYEE SICK LEAVE	Liability			Active
0	242.4	EMPLOYEE PAID HEALTH INSURANCE	Liability			Active
0	242.41	ACCRD C/L- ACLARA AUDIT EXPENSE	Liability			Active
0	242.42	CURR. ACCRD. LIAB/NETWORK TESTIN	Liability			Active
0	242.5	CURR.ACCRD.LIAB.MEETNG/AUDIT	Liability			Active
0	242.6	CURR.ACCRD.LIAB/DEPENDENT LIFE	Liability			Active
0	242.7	CURR ACCRD. LIAB/SEDC SOFTWARE S	Liability			Active
0	242.8	CURR.ACCRD.LIAB/CREDIT UNION	Liability			Active
0	242.9	CURR.ACCRD.LIAB/UNION DUES	Liability			Active
0	242.99	PAYROLL CLEARING ACCOUNT	Liability			Active
0	252.0	CONSUMER ADVANCE CONSTRUCTION	Liability			Active
0	253.0	OTHER DEFERRED CREDITS	Liability			Active
0	360.0	LAND & LAND RIGHTS	Asset			Active
0	362.0	STATION EQUIPMENT	Asset			Active
0	364.0	POLES.TOWERS &FIXTURES	Asset			Active
0	365.0	OVERHEAD CONDUCTORS & DEVICES	Asset			Active
0	366.0	UNDERGROUND CONDUIT	Asset			Active
0	367.0	UNDERGROUND COND.& DEVICES	Asset			Active
0	368.0	LINE TRANSFORMERS	Asset			Active
0	369.0	SERVICES	Asset			Active

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GENERAL LEDGER
CHART OF ACCOUNTS

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Div	Account	Description	Type	Category	Group	Status
0	370.0	METERS	Asset			Active
0	371.0	INST. ON CONSUMER PREMISES	Asset			Active
0	389.0	LAND & LAND RIGHTS	Asset			Active
0	390.1	STRUCTURES & IMPROVEMENTS	Asset			Active
0	391.0	OFFICE FURNITURE & EQUIPMENT	Asset			Active
0	392.0	TRANSPORTATION EQUIPMENT	Asset			Active
0	392.1	TRANSPORTATION EQUIP-YR END	Asset			Active
0	394.0	TOOLS,SHOP,GARAGE EQUIPMENT	Asset			Active
0	395.0	LABORATORY EQUIPMENT	Asset			Active
0	396.0	POWER OPERATED EQUIPMENT	Asset			Active
0	397.0	COMMUNICATIONS EQUIPMENT	Asset			Active
0	398.0	MISCELLANEOUS EQUIPMENT	Asset			Active
0	403.6	DEPR EXPENSE DISTRIBUTION PLANT	Expense	Operating		Active
0	403.7	DEPR EXPENSE GENERAL PLANT	Expense	Operating		Active
0	408.1	TAXES-PROPERTY	Expense	Operating		Active
0	408.2	TAXES US SOCIAL SECURITY UMEMP	Expense	Operating		Active
0	408.3	TAXES US SOCIAL SECURITY FICA	Expense	Operating		Active
0	408.4	TAXES STATE SOCIAL SEC.UNEMP	Expense	Operating		Active
0	408.7	TAXES OTHER REGULATORY COMMSION.	Expense	Operating		Active
0	415.0	REVENUE FROM MERCHANDISING	Income	Operating		Active
0	418.1	FORESTRY EARNINGS	Income	Non Operating		Active
0	419.0	INTEREST & DIVIDEND INCOME	Income	Operating		Active
0	421.1	GAIN ON DISPOSITION OF PROPERTY	Income	Operating		Active
0	421.2	LOSS ON DISPOSITION OF PROPERTY	Income	Operating		Active
0	423.0	GENERATION & TRANSM.CAPITAL CR.	Income	Operating		Active
0	424.0	OTHR CAP.CR.& PATR.CAP.ALLOC	Income	Operating		Active
0	426.1	DONATIONS	Expense	Operating		Active
0	426.3	PENALTIES	Expense	Operating		Active
0	426.4	EXPENDITURE CIVIC & POLITICAL	Expense	Operating		Active
0	426.5	OTHER DEDUCTIONS	Expense	Operating		Active
0	427.1	INT.ON RUS CONSTRUCTION LOAN	Expense	Operating		Active
0	427.2	INT.ON OTHER LONG TERN DEBT	Expense	Operating		Active
0	427.3	INTEREST ON FFB NOTES	Expense	Operating		Active
0	427.4	INTEREST ON CO-BANK NOTES	Expense	Operating		Active
0	428.0	AMORT.OF DEBT DISCOUNT	Expense	Operating		Active
0	431.0	OTHER INTEREST EXPENSE	Expense	Operating		Active

GENERAL LEDGER
CHART OF ACCOUNTS

Div	Account	Description	Type	Category	Group	Status
0	431.1	OTHER INT EXP.SHORT TERM LOAN	Expense	Operating		Active
0	431.2	INTEREST EKP INEZ 69KV LINE PROJ	Expense	Operating		Active
0	431.3	INT.EXP.FARM CREDIT LEASE/TRUCK	Expense	Operating		Active
0	431.4	INTEREST EXP ENTERPRISE LEASE	Expense	Operating		Active
0	431.5	INTEREST EXP - AUTO LOANS	Expense	Operating		Active
0	435.1	CUMULATIVE EFFECTS PRIOR YEARS	Expense	Operating		Active
0	440.1	RESIDENTIAL SALES-RURAL	Income	Operating		Active
0	440.15	RESIDENTIAL RURAL-FAC & ES INCOME	Income	Operating		Active
0	442.1	COMM.& INDUST.SALES-SMALL	Income	Operating		Active
0	442.15	SMALL COMMERICAL- FAC & ES INCOME	Income	Operating		Active
0	442.2	COMM. & INDUST.SALES-LARGE	Income	Operating		Active
0	442.25	LARGE INDUSTRIAL- FAC & ES INCOME	Income	Operating		Active
0	442.3	COMM & IND.SALES LARGE IND.1-B	Income	Operating		Active
0	450.0	FORFEITED DISCOUNTS	Income	Operating		Active
0	451.0	MISC.SERVICE REVENUES	Income	Operating		Active
0	454.0	RENT FROM ELECTRIC PROPERTY	Income	Operating		Active
0	456.0	OTHER ELECTRIC REVENUE	Income	Operating		Active
0	457.0	PREPAID METER PROGRAM FEE	Income	Operating		Active
0	555.0	PURCHASED POWER	Expense	Operating		Active
0	580.0	OPERATIONS & SUPERVSON ENGR.	Expense	Operating		Active
0	582.0	STATION EXPENSE	Expense	Operating		Active
0	583.0	OVERHEAD LINE EXPENSE	Expense	Operating		Active
0	586.0	METER EXPENSE	Expense	Operating		Active
0	586.1	METER EXPENSE TWACS SYSTEM	Expense	Operating		Active
0	586.2	PREPAID METERING	Expense	Operating		Active
0	587.0	CONSUMER INSTALLATION EXPENSE	Expense	Operating		Active
0	588.0	MIS.DISTRIBUTION EXPENSE	Expense	Operating		Active
0	588.1	MAPPING EXPENSE/GPS SYSTEM	Expense	Operating		Active
0	589.0	RENTS	Expense	Operating		Active
0	590.0	MAINT.SUPERVSN.ENGR.	Expense	Operating		Active
0	592.0	MAINTENANCE STATION EQUIPMENT	Expense	Operating		Active
0	593.0	MAINT.OVERHEAD LINES	Expense	Operating		Active
0	593.1	MAINT.OVERHEAD LINES R/W	Expense	Operating		Active
0	593.11	BSRECC/ROW SUPPLIES	Expense	Operating		Active
0	593.2	OVERHEAD LINES R/W-CONTRACTOR	Expense	Operating		Active
0	593.21	BRUSH CONTROL R/W	Expense	Operating		Active

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GENERAL LEDGER
CHART OF ACCOUNTS

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Div	Account	Description	Type	Category	Group	Status
0	593.22	TICKET WORK R/W	Expense	Operating		Active
0	593.23	HOT SPOTS R/W	Expense	Operating		Active
0	593.24	MID-CYCLE R/W	Expense	Operating		Active
0	593.25	TGR/TREE GROWTH R/W	Expense	Operating		Active
0	593.26	AERIAL SPRAY R/W	Expense	Operating		Active
0	593.27	STORM WORK R/W	Expense	Operating		Active
0	593.28	MAINT.OVERHEAD MUTUAL AID WORK	Expense	Operating		Active
0	593.55	BIG SANDY FORESTRY LLC-LABOR/EXP	Expense	Operating		Active
0	595.0	MAINT.LINE TRANSFORMERS	Expense	Operating		Active
0	597.0	MAINT. OF METERS	Expense	Operating		Active
0	598.0	MAINT.MISC.DISTRIBUTION PLANT	Expense	Operating		Active
0	777.77	CAGA INTEGRATION	Expense	Operating		Active
0	901.0	SUPERVISION	Expense	Operating		Active
0	902.0	METER READING EXPENSE	Expense	Operating		Active
0	903.0	CONSUMER RECD'S COLLECTION EXP	Expense	Operating		Active
0	903.1	CONS.RECD'S EXP.OVER/SHORT	Expense	Operating		Active
0	904.0	UNCOLLECTIBLE ACCOUNTS	Expense	Operating		Active
0	908.0	CONSUMER ASSISTANCE EXPENSE	Expense	Operating		Active
0	909.0	INFORMATION & INSTRUCTION EXP	Expense	Operating		Active
0	912.0	DEMONSTRATING & SELLING EXP	Expense	Operating		Active
0	913.0	ADVERTISING EXPENSE	Expense	Operating		Active
0	920.0	ADMINISTRATIVE SALARIES	Expense	Operating		Active
0	921.0	OFFICE SUPPLIES & EXPENSE	Expense	Operating		Active
0	923.0	OUTSIDE SERVICE EMPLOYED	Expense	Operating		Active
0	924.0	PROPERTY INSURANCE	Expense	Operating		Active
0	925.0	INJURIES & DAMAGES	Expense	Operating		Active
0	926.0	EMPLOYEE PENSIONS & BENEFITS	Expense	Operating		Active
0	926.1	EMP.PENSIONS & BENEFITS RETIR IN	Expense	Operating		Active
0	926.2	EMP.PENSIONS/BENEFITS PAST SVC	Expense	Operating		Active
0	926.3	EMPLOYEE BENEFITS/SAVINGS	Expense	Operating		Active
0	928.0	REGULATORY COMMISSION EXP	Expense	Operating		Active
0	929.0	DUP.CHGES.CR.(CO-OP USED KWH)	Expense	Operating		Active
0	930.1	GENERAL ADVERTISING EXPENSE	Expense	Operating		Active
0	930.11	DIRECTORS PER DIEM	Expense	Operating		Active
0	930.12	DIRECTORS MILEAGE	Expense	Operating		Active
0	930.13	DIRECTORS EXPENSES	Expense	Operating		Active

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GENERAL LEDGER CHART OF ACCOUNTS

Div	Account	Description	Type	Category	Group	Status
0	930.2	MISC. GENERAL EXPENSE	Expense	Operating		Active
0	931.0	RENTS	Expense	Operating		Active
0	935.0	MAINT.GENERAL PLANT	Expense	Operating		Active
0	935.1	OPERATION CENTER EXPENSES	Expense	Operating		Active
0	998.0	SUSPENSE DEBIT	Clearing			Active
0	998.1	PROFIT CLEARING - OPERATING	Clearing			Active
0	998.2	PROFIT CLEARING - NON-OPERATING	Clearing			Active
0	999.0	SUSPENSE CREDIT	Clearing			Active
0	999.99	ACCOUNT FOR FIXED JOURNAL ENTRIE	Expense	Operating		Active
Total Accounts:		333				

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GENERAL LEDGER CHART OF ACCOUNTS

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PARAMETERS ENTERED:

Division: All
Account: All
Status: Active
Sort By: Account
Departments: No
Activities: No
Financial Information: No
Open Fields: No
Show Comments: No

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Title Page

	Name of Respondent	Addr Line 1	Addr Line 2	City	State	Zip
Rural Electric Cooperative Corporations						
Annual Report of						
Respondent	Big Sandy Rural Electric Cooperative Corp	504 Eleventh Street		Paintsville	KY	41240

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Title Page (cont)

Name, title, address and telephone number (including area code)	Last Name	First	Addr Line 1	Addr Line 2	City	State	Zip	Phone
of the person to be contacted concerning this report	Stone	Robin	504 Eleventh Street		Paintsville	KY	41240	(606) 789-4095

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Principal Payment and Interest Information

	Amount	Yes/No
Amount of Principal Payment During Calendar Year	\$645,569.00	
Is Principal Current?		Y
Is Interest Current?		Y

Services Performed by Independent CPA

	Yes/No	A/C/R
Are your financial statements examined by a Certified Public Accountant?		
Enter Y for Yes or N for No	Y	
If yes, which service is performed?		
Enter an X on each appropriate line		
Audit		X
Compilation		
Review		
Please enclose a copy of the accountant's report with annual report.		

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Additional Information Required

Case Num

Date

Explain

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Balance Sheet - page 1 (Ref Page: 1)

	Balance Beginning of Year	Balance End Of Year
UTILITY PLANT		
Utility Plant (101-107, 114)	\$61,108,687.95	\$63,863,072.53
Less: Accumulated Provision for Depr. and Amort (108-113, 115)	\$27,673,092.19	\$29,195,295.18
Net Utility Plant	\$33,435,595.76	\$34,667,777.35
OTHER PROPERTY AND INVESTMENTS		
Non Utility Property-Net (121-122)		
Investments in Assoc. Organizations (123)	\$22,636,386.86	\$24,462,956.65
Other Investments (124)	\$500.00	\$500.00
Other Special Funds (128)		
Total Other Property and Investments	\$22,636,886.86	\$24,463,456.65
Cash-General (131.1)	\$988,963.32	\$494,114.95
Cash-Construction Fund-Trustee (131.2)	\$368.52	\$3,181.84
Special Deposits (134)	\$120.00	\$120.00
Working Funds (135)	\$1,300.00	\$1,800.00
Temporary Cash Investments (136)	\$0.00	
Notes Receivable (141)		
Consumer Accounts Recivable (142)	\$3,440,942.86	\$2,845,937.81
Other Accounts Receivable (143)	\$2,520,464.00	\$949,990.98
Accum. Prov. for Uncoll. Rec. -Cr (144)	\$271,307.91	\$288,689.09
Materials and Supplies-Electric (154)	\$474,245.99	\$621,849.08
Materials and Supplies-Merchandise (155)		
Stores Expense Undistributed (163)		
Prepayments (165)	\$22,480.14	\$14,705.62
Interest and Dividends Receivable (171)	\$36,792.74	\$55,219.67
Rents Receivable (172)		
Misc. Current and Accrued Assets		
Total Current and Accrued Assets	\$7,214,369.66	\$4,698,230.86
DEFFERRED DEBITS		
Unamortized Debt Discount and Expense (181)		
Extraordinary Property Losses (182)		
Prelim. Survey and Investigation Chgs. (183)	\$8,137.60	\$2,712.64
Clearing Accounts (184)	\$995,811.02	\$784,712.21

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Balance Sheet - page 1 (Ref Page: 1)

	Balance Beginning of Year	Balance End Of Year
Miscellaneous Deferred Debits (186)		\$0.00
Total Deferred Debits	\$1,003,948.62	\$787,424.85
TOTAL ASSETS AND OTHER DEBITS	\$64,290,800.90	\$64,616,889.71

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Balance Sheet - page 2 (Ref Page: 2)

	Balance First Of Year	Balance End Of Year
EQUITITES AND MARGINS		
Memberships (200)	\$225,835.00	\$225,630.00
Patronage Capitol (201)	\$30,217,678.98	\$29,998,113.78
Donated Capital (208)	\$63,701.06	\$63,701.06
Consumers Contrib. for Debt Service (211)		
Gain on Retired Capital Credits(217)	\$786,820.19	\$809,307.17
Capitol Gains and Losses (218)	(\$1,980,861.20)	(\$409,026.22)
Other Margins and Equities (219)	\$118,596.19	(\$309,156.02)
Total Equities and Margins	\$29,431,770.22	\$30,378,569.77
LONG TERM DEBT		
Long Term Debt - RUS Econ. Dev Loan (224.16)		
Bonds (221)		
Long-Term Debt-REA Constr. - Net (224)	\$19,127,273.60	\$23,221,657.80
Long-Term Debt-CFC Constr. - Net (224)	\$4,924,451.00	\$4,583,529.93
Other Long-Term Debt (224)	\$57,597.36	\$48,164.99
Total Long Term Debt	\$24,109,321.96	\$27,853,352.72
Accumulated Operating Provisions (228.3)	\$4,276,820.36	\$2,740,362.11
CURRENT AND ACCRUED LIABILITIES		
Notes Payable (231)	\$1,962,924.18	
Accounts Payable (232)	\$3,170,838.50	\$2,412,639.91
Consumers Deposits (235)	\$709,350.00	\$748,805.00
Taxes Accrued (236)	\$19,584.37	\$10,458.21
Interest Accrued (237)	\$100,981.14	\$94,036.88
Patronage Cap. and Pat. Refunds Payable (238)		
Matured Long-Term Debt (239)		
Matured Interest (240)		
Tax Collections Payable (241)		
Misc. Current and Accrued Liabilities	\$507,914.37	\$367,000.20
Total Current and Accrued Liabilities	\$6,471,592.56	\$3,632,940.20
DEFFERRED CREDITS		
Consumer Adv. for Construction (252)	\$1,295.80	\$11,664.91
Consumers Energy Prepayments (253)		

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Balance Sheet - page 2 (Ref Page: 2)

	Balance First Of Year	Balance End Of Year
Other Deferred Credits (254)		
Total Deferred Credits	\$1,295.80	\$11,664.91
RESERVES		
Pensions and Benefits Reserver (263)		
Miscellaneous Operating Reserves		
Total Reserves		
TOTAL LIABILITIES AND OTHER CREDITS	\$64,290,800.90	\$64,616,889.71

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Analysis of Utility Plant and Accumulated Provisions for Depreciation and Amortization (Ref Page: 3)

	Amount
UTILITY PLANT	
In Service	
Plant In Service (Classified) - from Page 4 (101)	\$63,219,156.83
Plant purchased or Sold (102)	
Completed Construction Not Classified (106)	
Total	\$63,219,156.83
Electric Plant held for Future Use (105)	
Construction Work In Progress (107)	\$643,915.70
Electric Plant Acquisition Adjustment (114)	
Total Utility Plant (fwd. to pg 1 line 2)	\$63,863,072.53
Accum. Prov. for Depr. and Amort. (fwd to pg 1 line 4)	\$29,195,295.18
Net Utility Plant (fwd to pg 1 line 5)	\$34,667,777.35
DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION AND AMORTIZATION	
Plant In Service	
Depreciation (108)	\$29,285,484.20
Retirement Work In Progress (108.8)	\$90,189.02
Amortization (111)	
Total	\$29,195,295.18
Held for future use	
Depreciation (110)	
Amortization (113)	
Total	\$0.00
Amort. of Plant Acquisition Adjustment (115)	
TOTAL ACCUM. PROVISIONS (Save as line 11 above)	\$29,195,295.18

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Electric Plant In Service (Ref Page: 4)

	Depr Rate	Balance Beg of Year	Additions	Retirements	ReClass (Debit-Credit)	Balance End of Year
INTANGIBLE PLANT						
Organization (301)						
Franchises and Consents (302)						
Misc. Intangible Plant (303)						
Total Intangible Plant						
TRANSMISSION PLANT						
Land and Land Rights (350)						
Clearing Land and ROW (351)						
Structures and Improvements (352)						
Station Equipment (353)						
Towers and Fixtures (354)						
Poles and Fixtures (355)						
Ohead Conds and Devices (356)						
Underground Conduit (357)						
Undergrnd Conds and Devices (358)						
Roads and Trails (359)						
Total Trans. Plant						
DISTRIBUTION PLANT						
Land and Land Rights (360)						
Structures and Improvements (361)						
Station and Equipment (362)		\$489,306.13	\$0.00	\$0.00	\$0.00	\$489,306.13
Poles Towers and Fixtures (364)	3.0	\$17,358,534.46	\$1,268,386.30	\$228,394.74	\$0.00	\$18,398,526.02
Ohead Conds and Devices (365)	3.0	\$14,609,909.54	\$694,183.62	\$121,740.88	\$0.00	\$15,182,352.28

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Electric Plant In Service (Ref Page: 4)

	Depr Rate	Balance Beg of Year	Additions	Retirements	ReClass (Debit-Credit)	Balance End of Year
Underground Conduit (366)	3.0	\$818,406.28	\$33,413.00	\$770.91	\$0.00	\$851,048.37
Undergnd Conds and Devices (367)	3.0	\$408,173.45	\$2,528.14	\$401.16	\$0.00	\$410,300.43
Line transformers (368)	3.0	\$6,787,864.09	\$242,460.92	\$44,471.21	\$0.00	\$6,985,853.80
Services (369)	3.0	\$6,160,624.50	\$228,452.43	\$64,352.82	\$0.00	\$6,324,724.11
Meters (370)	3.0	\$3,709,156.00	\$257,252.73	\$148,666.49	\$0.00	\$3,817,742.24
Instal on Cons Premises (371)	3.0	\$3,703,785.61	\$234,154.17	\$109,650.14	\$0.00	\$3,828,289.64
Leased Prop on Cons Prens (372)						
St Ltg and Signal Systems (373)						
Total Distribution Plant		\$54,045,760.06	\$2,960,831.31	\$718,448.35	\$0.00	\$56,288,143.02
GENERAL PLANT						
Land and Land Rights (389)		\$292,419.25	\$0.00	\$0.00	\$0.00	\$292,419.25
Structures and Improvements (390)	2.5	\$3,026,434.01	\$178,715.99	\$0.00	\$0.00	\$3,205,150.00
Office Furniture and Equip (391)	7.0	\$601,657.63	\$18,888.32	\$15,228.00	\$0.00	\$605,317.95
Transportation Equipment (392)	17.0	\$2,280,147.39	\$65,940.03	\$30,522.00	\$0.00	\$2,315,565.42
Stores equipment (393)						
Tools Shop and Garage Equip (394)	6.0	\$88,004.57	\$7,785.15	\$0.00	\$0.00	\$95,789.72
Laboratory Equipment (395)	6.0	\$193,128.12	\$0.00	\$0.00	\$0.00	\$193,128.12
Power Operated Equip (396)	16.0	\$39,197.32	\$0.00	\$0.00	\$0.00	\$39,197.32
Communication Equip (397)	8.0	\$105,263.92	\$0.00	\$0.00	\$0.00	\$105,263.92
Miscellaneous Equip (398)	6.0	\$43,180.81	\$36,001.30	\$0.00	\$0.00	\$79,182.11
Total General Plant		\$6,669,433.02	\$307,330.79	\$45,750.00	\$0.00	\$6,931,013.81
TOTAL ELECTRIC PLANT IN SERVICE		\$60,715,193.08	\$3,268,162.10	\$764,198.35	\$0.00	\$63,219,156.83

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Accumulated Provisions for Depreciation of Electric Plant In Service (Ref Page: 5)

Item	Amount
Balance Beginning of Year	\$27,673,092.19
Depreciation Provisions for Year Charged To:	
Depreciation Expense (403) (403)	\$2,629,279.95
Transportation Expense-Clearing	\$193,210.71
Other Accounts (detail)	
Total Depreciation Provisions for Year	\$2,822,490.66
Credit Adjustments (describe)	
Total Credits for Year	
Net Charges for Plant Retired	
Book Cost of Plant Retired (same as page 4)	\$764,198.35
Cost or Removal	\$466,168.70
Salvage (Credit)	\$56,805.88
Net Charges for Plant Retired:	\$1,173,561.17
Debit Adjustments (describe)	
RWIP change	\$28,540.73
Total Debits for Year	\$98,185.77
Balance End of Year	\$29,195,295.18

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Balance at End of Year According to Functional Classifications (Ref Page: 5)

	Amount
Transmission	
Distribution	\$25,391,924.48
General	\$3,893,559.72
OTHER	(\$90,189.02)
Total (same as line 28)	\$29,195,295.18

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Uncollectible Receivables - Credit (144) (Ref Page: 5)

Desc	Notes Receivable	Consumer Acct. Receivable	Other Accts Receivable	Total
Balance Beginning of Year	\$0.00	\$271,307.91	\$0.00	\$271,307.91
Add:				
Prov for Uncollectibles for year	\$0.00	\$90,000.00	\$0.00	\$90,000.00
Collection of Accounts Written off				
Less:				
Accounts Written Off	\$0.00	\$68,960.97	\$0.00	\$68,960.97
Adjustments:				
(explain) Collection less expenses	\$0.00	\$3,657.85	\$0.00	\$3,657.85
Balance End of Year (same as page 1 line 25)	\$0.00	\$288,689.09	\$0.00	\$288,689.09

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Cash and Investments (Ref Page: 6)

	Acct (opt)	Description	Interest Rate	Investment Type	Amount
Investment in Assoc. Organizations - Patronage (NA)			0.0000		\$0.00
Capital (123.1) (NA)					
123)	123.11	(Forestry	0.0000	Sub	\$2,927.86
123)	123.1	(Pat cap	0.0000	Allocations	\$18,672,802.64
Sub-total acct. #123.1 (NA)					\$18,675,730.50
Investment in Assoc. Organizations-Other (NA)					
Capital (123.22 & 123.23) (NA)					
123)	123.20	(CFC	0.0000	Liquidity Acct	\$1,335,211.15
123)	123.22	(CFC	0.0000	CTC	\$4,449,710.00
123)	123.23	(Other	0.0000	Other	\$2,305.00
Sub-total accts. #123.22 & 123.23 (NA)					\$5,787,226.15
Total Acct 123 (to agree with pg 1 line 10) (NA)					\$24,462,956.65
Other Investments (124) (NA)					
124)	124.00	(Other	0.0000		\$500.00
Sub-total acct. #124 (to agree with pg 1 line 11)					\$500.00
Other Special Funds (128) (NA)					
128)		(

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Cash and Investments (Ref Page: 6)

Acct (opt)	Description	Interest Rate	Investment Type	Amount
Total Acct #128 (to agree with pg 1 line 12) (NA)				
Temporary Cash Investments(136) (NA)				
	(
136)				
Total Acct #136 (to agree with pg 1 line 21) (NA)				

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Extraordinary Property Losses (182) (Ref Page: 6)

Desc. of Prop. Loss or	Total Amt of Loss	Prev. Written Off	Acct	Amount	Balance End of Year
explain					
Total Losses					

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Memberships (200) (Ref Page: 7)

Description	Number	Rate	Amount
Balance Beginning Year			\$225,835.00
Debits:			
Cash			
Accounts Receivable			
Accounts Payable			\$205.00
Donated Capital			
Other Deferred Credits			
Other			
Credits:			
Memberships added During Year:			
Other: Transfer			
Balance End of Year			\$225,630.00

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Patronage Capitol (Ref Page: 7)

	Amount
Balance Beginning Year	\$30,217,678.98
Debits:	
Cash Retirements	
Accounts Receivable	
Deceased Members	\$82,895.99
Gain on Retired Capital Credits	
Other	\$136,669.21
Credits:	
Margins-Acct.#219 (transferred from pg 12)	
Other:	
Balance End of Year	\$29,998,113.78

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Long Term Debt Transactions - REA Current Year (Ref Page: 7)

	Amount
Balance Beginning Year (Acct. #224)	\$19,127,273.60
Additions During Year:	
Cash Receipts or Construction Contracts - REA	\$4,864,000.00
Interest Accrued - Deferred (Acct # 224.5)	
Other	
Reductions During Year:	
Principal Payments	\$769,615.80
Interest Accrued - Deferred (Acct. #224.5)	
Advance Payments Unapplied	
Other:	
Balance End of Year	\$23,221,657.80

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Long Term Debt - REA (Ref Page: 8)

Note No.	Interest Rate	Date	Orig. Bal.	Interest Accrued	Principal Paymnts	Funds Unadvanced	Balance
RUS	4.4500	1/21/2003	\$17,404,000.00	\$0.00	\$11,721,904.44	\$0.00	\$5,682,095.56
FFB	3.6700	1/31/2023	\$27,861,000.00	\$0.00	\$440,437.76	\$9,881,000.00	\$17,539,562.24
Total	0.0000		\$45,265,000.00	\$0.00	\$12,162,342.20	\$9,881,000.00	\$23,221,657.80
Less Advance Payments Unapplied							
Total Obligation to REA	0.0000		\$45,265,000.00	\$0.00	\$12,162,342.20	\$9,881,000.00	\$23,221,657.80

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Long Term Debt CFC and Other (Ref Page: 9)

Note No.	Interest Rate	Date	Orig. Balance	Principal Payments	Funds Unadvanced	Balance
CFC	4.0000	7/28/2008	\$7,639,000.00	\$3,055,470.07	\$0.00	\$4,583,529.93
MACED	0.0000	12/31/2022	\$57,597.36	\$9,432.37	\$0.00	\$48,164.99
Total	0.0000		\$7,696,597.36	\$3,064,902.44	\$0.00	\$4,631,694.92
Less Advance Payments Unapplied						
Total Obligation - CFC and Other	0.0000		\$7,696,597.36	\$3,064,902.44	\$0.00	\$4,631,694.92

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Long Term Debt Transactions - CFC Current Year (Ref Page: 10)

	Amount
Balance Beginning Year (Acct. #224)	\$4,982,048.36
Additions During Year:	
Cash Receipts or Construction Contracts - CFC	
Other	
Reductions During Year:	
Principal Payments	\$350,353.44
Advance Payments Unapplied	
Other:	
Balance End of Year	\$4,631,694.92

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Accounts Payable (232) (Ref Page: 10)

	Description	Amount
Materials and Supplies		\$74,801.53
Power Bills		\$1,716,340.00
Inspection Fees		
Professional Services		\$23,726.27
Right-of Way		\$39,379.80
Memberships		
Other: (itemize-minor items may be grouped by classes)		
	Computer Service	\$22,108.69
	Construction contractor	\$238,582.69
	Property taxes	\$18,542.23
	Vehicles purchased	\$204,712.56
	Other	\$74,446.14
Total		\$2,412,639.91

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Taxes Accrued (236) (Ref Page: 10)

	Bal Beg of Year	Accruals	Payments	Acct	Dr or Cr	Bal End of Year
Property Taxes (236.1)	\$1,188.77	\$407,976.00	\$398,706.56		\$0.00	\$10,458.21
US SS Unempl (236.2)	(\$103.00)	\$2,492.41	\$2,389.41		\$0.00	\$0.00
US SS FICA (236.3)	(\$0.16)	\$260,497.82	\$260,497.66		\$0.00	\$0.00
State SS Unempl (236.4)	\$0.00	\$1,507.92	\$1,507.92		\$0.00	\$0.00
Sales Tax (236.5)	\$18,498.76	\$383,657.66	\$402,156.42		\$0.00	\$0.00
Gross Rev or Rec (236.6)	\$0.00	\$25,965.58	\$25,965.58		\$0.00	\$0.00
Other (236.7)						
TOTAL	\$19,584.37	\$1,082,097.39	\$1,091,223.55		\$0.00	\$10,458.21

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Interest Accrued (237) (Ref Page: 11)

	Acct	Bal. Beg of Year	Accruals	Payments	A/C	Dr. or Cr	Bal End of Year
REA IConstr. Obligation (237.1)	237.1	\$0.00	\$181,752.89	\$178,420.43		\$0.00	\$3,332.46
REA Install. Obligation (237.2)							
Other (237.3)	237.2	\$34,817.77	\$409,742.43	\$408,592.43		\$0.00	\$35,967.77
CFC (237.4)	237.4	\$34,799.06	\$187,424.01	\$198,589.88		\$0.00	\$23,633.19
Other Misc.	Cust Dep	\$31,364.31	\$30,731.26	\$30,992.11		\$0.00	\$31,103.46
Other Misc.	Short Term	\$0.00	\$94,297.06	\$94,297.06		\$0.00	\$0.00
Other Misc.	Other	\$0.00	\$51,130.14	\$51,130.14		\$0.00	\$0.00
Total Other Misc		\$31,364.31	\$176,158.46	\$176,419.31		\$0.00	\$31,103.46
Total		\$100,981.14	\$955,077.79	\$962,022.05		\$0.00	\$94,036.88

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Miscellaneous Current and Accred Liabilities (242) (Ref Page: 11)

	Sub-Account	Description	Amount
	242.2	Accrued payroll	\$99,757.48
	242.3	Accrued vacation	\$130,162.62
	242.31	Accrued sick leave	\$150,141.81
	242.1	Others	(\$13,061.71)
Total			\$367,000.20

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Consumer Advances for Construction (252) (Ref Page: 11)

	Item	Amount
Balance Beginning of Year		\$1,295.80
Additions:		
		\$10,369.11
Refunds:		
Transfers: (Account & Amount)		
Balance - End of Year		\$11,664.91

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Other Margins and Equities (219) (Ref Page: 12)

Description	Amount
OPERATING MARGINS (219.1)	
Balance Beginning of Year	\$118,596.19
Credit Balance Transferred from Operating Income	(561,901.74)
Other Credits	\$134,149.53
Debits	
Amount Transferred to Acct. #201.2	
Other Debits:	\$0.00
Balance End Of Year - Acct #219.1	(309,156.02)
NON-OPERATING MARGINS (219.2)	
Balance Beginning of Year	
Credit Balance Transferred From Non-Operating Income	
Other Credits:	
Debits:	
Amount Transferred to Acct. #201.2	
Other Debits:	
Balance End of Year - Acct #219.2	
OTHER MARGINS (219.3)	
Balance Beginning of Year	
Capital Credits Received From Another RECC	
Other Credits:	
Debits:	
Amount Transferred to Act. #201.2	
Other Debits	
Balance End of Year - Acct #219.3	
OTHER MARGINS AND EQUITIES - PRIOR PERIOD (219.4)	
Balance Beginning of Year	

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Other Margins and Equities (219) (Ref Page: 12)

Description	Amount
Credits	
Debits	
Balance End of Year-Acct #219.4	
TOTAL BALANCE END OF YEAR-ACCOUNT #219	(\$309,156.02)

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Statement of Income for the Year (Ref Page: 13)

	Avg. No. of Consumers	Kilowatt Hrs. Sold	Amount
OPERATING REVENUES			
Residential Sales (440)			
Rural (440)	11,593	145,961,213	\$20,027,245.07
Seasonal (440)			
Towns and Villages (440)			
Total (440)	11,593	145,961,213	\$20,027,245.07
Irrigation Sales (441)			
Commercial and Industrial Sales (442)			
Small (442)	1,042	42,340,970	\$1,413,742.25
Large (442)	1	6,782,462	\$4,230,974.76
Total (442)	1,043	49,123,432	\$5,644,717.01
Public Street and Highway Ltng. (444)			
Sales to Public Bldgs. and Auth. (445)			
Sales for Resale (447)			
Total Sales of Electricity	12,636	195,084,645	\$25,671,962.08
OTHER OPERATING REVENUES			
Forfeited Discounts (450)			\$400,803.62
Miscellaneous Service Revenues (451)			\$51,896.43
Rent From Electric Property (454)			\$398,353.11
Other Electric Revenues (456)			\$39,153.78
Total Other Operating Revenues			\$890,206.94
Total Electric Operating Revenues			\$26,562,169.02
OPERATING EXPENSES			
Total Operation and Maintenance Exp. (from pg. 15 line 38)			\$24,474,384.09
Depreciation Expense (403)			\$2,629,279.95
Amortization Expense (pg. 16 line 5) (405-407)			
Taxes Other Than Income Taxes (pg. 16) (408.1)			\$25,965.58
Total Operating Expenses			\$27,129,629.62
Operating Income			(\$567,460.60)
OTHER DEDUCTIONS			

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Statement of Income for the Year (Ref Page: 13)

	Avg. No. of Consumers	Kilowatt Hrs. Sold	Amount
Taxes Other Than Income Taxes - OTHER (pg 16) (408.2)			\$0.00
Misc Income Deductions (426)			\$14,009.99
Interest on Long Term Debt (427)			\$778,919.33
CFC Non-Cash Dividend - Cr			
Amortization of Debt Discount and Expense (428)			
Other Interest Charges (431)			\$176,158.46
Total Other Deductions			\$969,087.78
Net Income From Electric Operations			(\$1,536,548.38)
OTHER INCOME			
Revs. From Mdse. Jobbing and Ct. Work (415)			
Costs and Expenses of Mdse. Jobbing and Ct. Work (416)			
Income From Non-Utility Operations (417)			
Nonoperating Rental Income (418)			
Interest and Dividend Income (419)			\$297,572.03
Miscellaneous Nonoperating Income (421)			\$141,739.89
G & T Coop Capital Credits (423)			\$412,310.91
Other Capital Credits (4231)			\$123,023.81
Total Other Income	0	0	\$974,646.64
NET INCOME	0	0	(\$561,901.74)

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Operation and Maintenance Expenses (Ref Page: 15)

	Amount
Purchased Power (555)	\$17,827,633.00
TRANSMISSION EXPENSES	
Operation:	
Oper. Supervision and Engineering (560)	
Load Dispatching (561)	
Station Expenses (562)	
Overhead Line Expenses (563)	
Underground Line Expenses (564)	
Trans. of Electricity by Others (565)	
Misc. Transmission Expenses (566)	
Rents (567)	
Total Operation	
Maintenance:	
Maint. Supervision and Engineering (568)	
Maint. of Structures (569)	
Maint. of Station Equipment (570)	
Maint. of Overhead Lines (571)	
Maint. of Underground Lines (572)	
Maint. of Misc. Transmission Plant (573)	
Total Maintenance	
Total Transmission Expenses	
DISTRIBUTION EXPENSES	
Operation:	
Operation Supervision and Engineering (580)	\$232,036.45
Load Dispatching (581)	
Station Expenses (582)	
Overhead Line Expenses (583)	\$100,364.21
Underground Line Expenses (584)	
Street Ltg and Signal System Expense (585)	
Meter Expenses (586)	\$823,045.41
Consumer Installation Expenses (587)	\$7,863.14
Miscellaneous Distribution Expenses (588)	\$208,355.94

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023
Operation and Maintenance Expenses (Ref Page: 15)

	Amount
Rents (589)	
Total Operation	\$1,371,665.15
Maintenance:	
Maint. Supervision and Engineering (590)	\$232,337.80
Maint. of Structures (591)	
Maint. of Station Equipment (592)	
Maint. of Overhead Lines (593)	\$2,110,873.40
Maint. of Underground Lines (594)	
Maint. of Line Transformers (595)	\$42,789.13
Maint. of Street Ltg. and Signal System (596)	
Maint. of Meters (597)	\$154.68
Maint. of Misc. Distribution Plant (598)	\$40,300.92
Total Maintenance	\$2,426,455.93
Total Distribution Expenses	\$3,798,121.08
CUSTOMER ACCOUNTS EXPENSES	
Supervision (901)	
Meter Reading Expenses (902)	\$147,318.05
Consumer Records and Collection Expenses (903)	\$877,481.75
Uncollectible Accounts (904)	\$90,000.00
Misc. Consumer Accounts Expenses (905)	
Total Customer Accounts Expenses	\$1,114,799.80
CUSTOMER SERVICE AND INFORMATIONAL EXPENSES	
Supervision (907)	
Customer Assistance Expenses (908)	\$126,436.44
Informational and Instructional Advertising Expenses (909)	
Miscellaneous Customer Service and Informational Expenses (910)	
Total Customer Service and Informational Expenses	\$126,436.44
SALES EXPENSES	
Supervision (911)	
Demonstrating and Selling Expenses (912)	
Advertising Expenses (913)	\$39.00
Miscellaneous Sales Expenses (916)	

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Operation and Maintenance Expenses (Ref Page: 15)

	Amount
Total Sales Expenses	\$39.00
ADMINISTRATIVE AND GENERAL EXPENSES	
Operation:	
Administrative and General Salaries (920)	\$750,673.21
Office Supplies and Expenses (921)	\$289,678.81
Administrative Expenses Transferred -Cr (922)	
Outside Services Employed (923)	\$62,450.78
Property Insurance (924)	
Injuries and Damages (925)	\$54,729.01
Employee Pensions and Benefits (926)	\$34,895.29
Franchise Requirements (927)	
Regulatory Commission Expenses (928)	(\$4,387.50)
Duplicate Charges - Credit (929)	\$1,428.12
Miscellaneous General Expenses (930)	\$334,057.75
Rents (931)	\$8,517.85
Total Operation	\$1,529,187.08
Maintenance:	
Maintenance of General Plant (932)	\$78,167.69
Total Administrative and General Expenses	\$1,607,354.77
TOTAL OPERATION AND MAINT. EXPENSES (fwd to pg 13 line 27)	\$24,474,384.09

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Analysis of Payroll for Current Year (Ref Page: 15)

	Operation	Maintenance	Total
Transmission			
Distribution	\$446,485.31	\$578,462.90	\$1,024,948.21
Consumer Accounts	\$384,961.97	\$0.00	\$384,961.97
Sales			
Administrative and Genl.	\$771,420.47	\$0.00	\$771,420.47
Total Direct Payroll: Distribution	\$1,602,867.75	\$578,462.90	\$2,181,330.65
Alloc. of Payroll Charged - Clearing Accounts			\$330,471.10
Total Salaries and Wages - Charged to Electric Operations			\$2,511,801.75
Salaries and Wages - Charged to Construction			\$544,097.54
Salaries and Wages - Charged to Plant Removal			\$199,408.49
Salaries and Wages - Charged to Other Accounts			
TOTAL SALARIES AND WAGES FOR THE YEAR			\$3,255,307.78

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Purchased Power (555) (Ref Page: 16)

	Amount
Cost of Energy:	
Demand Charges	\$3,177,232.00
Energy Charges	\$9,706,263.00
Fuel Charges	\$2,151,171.00
Other Charges	\$2,792,967.00
Total (to agree with pg 14 line 2)	\$17,827,633.00

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Purchased Power - From (Ref Page: 16)

	Purchased From	KWH Purchased	Cost Per KWH
Purchased Power	East Kentucky Power Cooperative EKPC	207,211,745	0.0860

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Amortization Expense (Accts. 405-407) (Ref Page: 16)

	Amount
Amortization of other utility plant (405)	
Amortization of utility plant acquisition adj. (406)	
Amortization of property losses (407)	
Total (to agree with pg 13 line 29)	

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Taxes Other Than Income Taxes (408) (Ref Page: 16)

Item	Amount
TAXES RELATING TO OPERATING INCOME AND DEDUCTIONS (408.1)	
Property	\$407,976.00
Public Service Commission Assessment	\$25,965.58
U.S. Unemployment	\$2,492.41
Kentucky Unemployment	\$1,507.92
Other (list)	
U. S. Social Security	\$260,497.82
Allocated to clearing accounts	(\$672,474.15)
Total (To agree with pg 13 line 30)	\$25,965.58
TAXES RELATING TO NON-OPERATING INCOME AND DEDUCTIONS (408.2)	
Total (To agree with pg 13 line 35)	

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Electric Energy Account (Ref Page: 17)

Item	Kilowatt-Hours
Energy Purchased for Resale (555)	207,211,745
Energy Purchased for Use by Company	
Interchanges (Net)	
Other: (explain)	
Total	207,211,745
Sales to Ultimate Consumer	195,084,645
Sales for Resale	
Energy furnished without charge	
Energy used by the Company	24,035
Line Losses and UnAccounted for	12,103,065
Total	207,211,745

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Monthly Peaks and Output (Ref Page: 17)

	Kilowatts	Day Wk	Day Mon	Hour	Type of Reading	Monthly Output (kwh)
January	46,353					22,143,092
February	53,808					18,165,185
March	53,710					18,511,110
April	30,887					14,042,466
May	30,580					13,977,447
June	32,772					14,726,764
July	40,591					18,786,975
August	39,194					17,555,314
September	38,085					14,408,761
October	24,797					13,930,902
November	54,940					18,775,325
December	39,949					22,088,404
Total	485,666					207,211,745

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Number of Consumers at End of a Year (December) (Ref Page: 17)

	Consumers
Residential Consumers (440)	11,595
Irrigation Consumers (441)	
Comercial and Industrial Consumers (442)	1,041
Public Street and Ltng Consumers (444)	
Public Buildings and Other Public Authorities (445)	
Sales for Resale (447)	
Total	12,636

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Personnel Data (Ref Page: 18)

Title	Last Name	First Name	Occupation	Term Expires	Fees and Exp
Chairman	Wallen	Danny	Truck driver	2024	\$0.00
Vice Chairman	Davis	Greg	Contractor	2026	\$0.00
Sec/Treasurer	Vanhoose	James	Sales	2025	\$0.00
Director	Francis	Gary	Retired	2026	\$0.00
Director	May	Velma	Retired	2027	\$0.00
Director	McKenzie	Jimmie	Retired	2024	\$0.00
Director	Holbrook	Jason	Barber	2024	\$0.00

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Principal Employees (Ref Page: 18)

Title	Last Name	First Name
Interim General Manager	Prater	Jeff
VP Financial Services	Shepherd	Sandra
VP Operations	Prater	Jeff

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Total Employees (Ref Page: 18)

	Payroll Pd End	Full Reg Emp	PartT Reg Emp	Spec Const Temp Reg Emp	Spec Const PartT Reg Emp
Total (excluding directors)	12/31/2023	40	0	0	0

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

General Information - as of December (Ref Page: 19)

	Count
Number of minimum bills for month of December	189
Number of miles of pole line in service in December	1,034
Number of miles of wire energized as of December	1,034

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

General Information - Audit (Ref Page: 19)

	Last Name	First Name	Date
By whom were the books of account audited? What was the date of the last audit?	Jones, Nale & Mattingly,		12/31/2023
If unaudited in the past twelve months, when and by whom is the next audit anticipated?			

Explain

State policy for charging overheads to construction

and describe methods used to determine amounts so charged.

Labor based on daily time sheets. Overheads based on direct labor dollars. Stores based on material issued. Transportaion based on miles driven by vehicle.

General Information - unusual increases or decreases (Ref Page: 19)

Explain

Please explain any unusual increases or decreases in operating

revenues or expenses over preceding years operations.

Less kwh sales

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

General Information - Counties (Ref Page: 19)

Breathitt, Floyd, Johnson, Knott, Lawrence, Magoffin, Martin, Morgan

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

General Information - Inventory (Ref Page: 19)

	Date last inventory	Amount of adjustment over	Amount of adjustment short
Inventory	11/30/2023	\$1,591.96	\$0.00

General Information - Inventory (cont.) (Ref Page: 19)

Explain

Method of Pricing materials and supplies is:

Average cost

If inventory adjustment exceeds 1 percent of avg material and supply account
for the year, please explain reason for such excess.

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

CheckList

Item	Value 1	Value 2	Agree	Explain
Balance Sheet (page 1) Line 2 agrees with Utility Plant 101-107.114 (page 3) Line 10	63863072.53	63863072.53	OK	
Balance Sheet (page 1) Line 4 agrees with Depr. and Amort. 108-113,115 (page 3) Line 11	29195295.18	29195295.18	OK	
Balance Sheet (page 1) Line 5 agrees with Net Util Prop 121-122 (page 3) Line 12	34667777.35	34667777.35	OK	
Balance Sheet (page 1) Line 10 agrees with Inv (123) (page 6) Line 17	24462956.65	24462956.65	OK	
Balance Sheet (page 1) Line 11 agrees with Other Inv (124) (page 6) Line 24	500.00	500.00	OK	
Balance Sheet (page 1) Line 12 agrees with Spec Funds (128) (page 6) Line 30	0	0	OK	
Balance Sheet (page 1) Line 21 agrees with Cash Inv (136) (page 6) Line 35	0	0	OK	
Balance Sheet (page 1) Line 25 agrees with Uncoll. Rec. 144 (page 5) Bal End of Year	288689.09	288689.09	OK	
Balance Sheet (page 1) Line 39 agrees with Extraordinary Prop. Loss (page 6) Acct 182	0	0	OK	
Balance Sheet (page 1) Total Assets and Debits agrees with Balance Sheet (page 2) Total Liabilities and Other Credits	64616889.71	64616889.71	OK	
Balance Sheet (page 2) Line 2 agrees with Memberships (page 7) Acct 200	225630.00	225630.00	OK	
Balance Sheet (page 2) Line 3 agrees with Patronage Cap (page 7) Acct 201	29998113.78	29998113.78	OK	
Balance Sheet (page 2) Line 8 agrees with Other Margins (page 12) Acct 219	-309156.02	-309156.02	OK	
Balance Sheet (page 2) Line 14 agrees with Long Term REA Constr. - NET (page 7) Account 224	23221657.80	23221657.80	OK	
Balance Sheet (page 2) Line 15+16 agrees with Total (page 9) Account 224	4631694.92	4631694.92	OK	
Balance Sheet (page 2) Line 15+16 agrees with Total page 10 Total Account 224	4631694.92	4631694.92	OK	

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

CheckList

Item	Value 1	Value 2	Agree	Explain
Balance Sheet (page 2) Line 22 agrees with Accounts Payable (page 10) Account 232	2412639.91	2412639.91	OK	
Balance Sheet (page 2) Line 24 agrees with Taxes Accrued (page 10) Account 236	10458.21	10458.21	OK	
Balance Sheet (page 2) Line 25 agrees with Interest Accrued (page 11) Account 237	94036.88	94036.88	OK	
Balance Sheet (page 2) Line 30 agrees with Misc. and Accr. Liabilities (page 11) Account 242	367000.20	367000.20	OK	
Balance Sheet (page 2) Line 35 agrees with Consumer Adv. for Const. (page 11) Account 252	11664.91	11664.91	OK	
Plant in Service (page 3) Line 3 agrees with Total Elec Plant In Service Bal End of Yr. (page 4)	63219156.83	63219156.83	OK	
Plant in Service (page 3) Line 27 agrees with Accumulated Provisions (page 5) Line 28	29195295.18	29195295.18	OK	
Income Statement (page 13) Line 27 agrees with Op and Maint. Expenses (page 15) Line 38	24474384.09	24474384.09	OK	
Income Statement (page 13) Line 28 agrees with Depreciation Expenses (page 5) Line 3	2629279.95	2629279.95	OK	
Income Statement (page 13) Amort. Exp (405-407) agrees with Accts 405-407 (page 16) Line 5	0	0	OK	
Income Statement (page 13) Taxes Other (408.1) agrees with Taxes 408.1 (page 16) Total 408.1	25965.58	25965.58	OK	
Income Statement (page 13) Taxes Other (408.2) agrees with Taxes 408.2 (page 16) Total 408.2	0.0000	0	OK	
Income Statement (page 13) Interest on Long Term Debt (427) plus Other Interest Charges (431) agrees with Long Term Debt (page 11) Acct 237	955077.79	955077.79	OK	
Op and Maint (page 14) Line 2 agrees with Purchased Power (page 16) Acct 555	17827633.00	17827633.00	OK	
Purchased Power (page 16) Line 9 agrees with KW Purchased (page 17) Acct 555	207211745	207211745	OK	

1000 Big Sandy R.E.C.C. 01/01/2023 - 12/31/2023

Upload supporting documents

Document	Description	Supports
<u>SD_1000_2023_1.pdf</u>	(Describe File)	OTHER
<u>SD_1000_2023_2.pdf</u>	(Describe File)	Audit Report

OATH

Commonwealth of Kentucky)
) ss:
County of Johnson)

Jeff Prater makes oath and says
(Name of Officer)

that he/she is INTERIUM PRESIDENT/GENERAL MANAGER of
(Official title of officer)

Big Sandy R.E.C.C.
(Exact legal title or name of respondent)

that it is his/her duty to have supervision over the books of account of the respondent and to control the manner in which such books are kept; that he/she knows that such books have, during the period covered by the foregoing report, been kept in good faith in accordance with the accounting and other orders of the Public Service Commission of Kentucky, effective during the said period; that he/she has carefully examined the said report and to have the best of his/her knowledge and belief the entries contained in the said report have, so far as they relate to matters of account, been accurately taken from the said books of account and are in exact accordance therewith; that he/she believes that all other statements of fact contained in the said report are true; and that the said report is a correct and complete statement of the business and affairs of the above-named respondent during the period of time from and including

January 1, 2023 , to and including December 31, 2023

Jeff Prater
(Signature of Officer)

subscribed and sworn to before me, a 02/26/2024 , in and for

the State and County named in the above this 26th day of February, 2024

(Apply Seal Here)

My Commission expires 6/19/2026

Judith L. McClure
(Signature of officer authorized to administer oath)

**Big Sandy Rural Electric Cooperative
Corporation Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 17

**807 KAR 5:001 Section 16(4)(k)
Sponsoring Witness: Robin Slone**

Description of Filing Requirements:

The independent auditor's annual opinion report, with written communication from the independent auditor to the utility, if applicable, which indicates the existence of a material weakness in the utility's internal controls.

Response:

Please see attached auditor's report.

**BIG SANDY RURAL ELECTRIC
COOPERATIVE CORPORATION AND SUBSIDIARY
KENTUCKY 58**

CONSOLIDATED FINANCIAL REPORT

December 31, 2023

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Jones, Nale & Mattingly PLC

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Big Sandy Rural Electric Cooperative Corporation and Subsidiary
Paintsville, Kentucky

Opinion

We have audited the accompanying consolidated financial statements of Big Sandy Rural Electric Cooperative Corporation and Subsidiary, which comprise the consolidated balance sheets as of December 31, 2023 and 2022, and the related consolidated statements of revenue and comprehensive income, changes in members' equities, and cash flows for the years then ended, and the related notes to the consolidated financial statements.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Big Sandy Rural Electric Cooperative Corporation and Subsidiary as of December 31, 2023 and 2022, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Big Sandy Rural Electric Cooperative Corporation and Subsidiary and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Big Sandy Rural Electric Cooperative Corporation and Subsidiary's ability to continue as a going concern within one year after the date that the consolidated financial statements are available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the consolidated financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Big Sandy Rural Electric Cooperative Corporation and Subsidiary's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Big Sandy Rural Electric Cooperative Corporation and Subsidiary's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we have identified during the audit.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued a report dated March 22, 2024, on our consideration of Big Sandy Rural Electric Cooperative Corporation and Subsidiary's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Big Sandy Rural Electric Cooperative Corporation and Subsidiary's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Big Sandy Rural Electric Cooperative Corporation and Subsidiary's internal control over financial reporting and compliance.

Jones, Nale & Mattingly PLC

Louisville, Kentucky
March 22, 2024

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION AND SUBSIDIARY

CONSOLIDATED BALANCE SHEETS

December 31, 2023 and 2022

ASSETS	2023	2022
Utility plant, at original cost:		
In service	\$ 63,377,327	\$ 60,715,193
Under construction	643,916	393,495
	<u>64,021,243</u>	<u>61,108,688</u>
Less accumulated depreciation	29,222,884	27,673,092
	<u>34,798,359</u>	<u>33,435,596</u>
Investments in associated organizations	<u>23,125,318</u>	<u>22,636,887</u>
Current Assets:		
Cash and cash equivalents	1,973,365	990,752
Accounts receivable, less allowance for credit losses in 2023 of \$288,689 and 2022 of \$271,308	2,547,916	3,157,802
Other receivables	678,540	2,511,492
Material and supplies, at average cost	621,849	474,246
Other current assets	17,100	118,899
Total current assets	<u>5,838,770</u>	<u>7,253,191</u>
Deferred Debits	<u>785,030</u>	<u>907,530</u>
Total assets	<u>\$ 64,547,477</u>	<u>\$ 64,233,204</u>
MEMBERS' EQUITIES AND LIABILITIES		
Members' Equities:		
Memberships	\$ 225,630	\$ 225,835
Patronage capital	29,714,107	30,358,905
Other equities	847,859	827,891
Accumulated other comprehensive (loss)	(409,026)	(1,980,861)
Total members' equities	<u>30,378,570</u>	<u>29,431,770</u>
Long-Term Liabilities:		
Long-term debt, less current portion	25,966,836	22,920,214
Finance lease obligations, less current portion	106,758	199,913
Accumulated postretirement benefits	2,740,362	4,276,820
Total long-term liabilities	<u>28,813,956</u>	<u>27,396,947</u>
Current Liabilities:		
Current portion of long-term debt	1,838,352	1,131,511
Current portion of finance lease obligations	97,955	100,798
Short-term notes payable	--	1,962,924
Accounts payable	2,200,034	2,881,210
Consumer deposits	748,805	709,350
Accrued expenses	458,140	617,398
Total current liabilities	<u>5,343,286</u>	<u>7,403,191</u>
Consumer Advances for Construction	<u>11,665</u>	<u>1,296</u>
Total members' equities and liabilities	<u>\$ 64,547,477</u>	<u>\$ 64,233,204</u>

The Notes to Consolidated Financial Statements are an integral part of these statements.

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF REVENUE AND COMPREHENSIVE INCOME

Years Ended December 31, 2023 and 2022

	2023	2022
Operating Revenues		
Sales of electric energy	\$ 25,671,962	\$ 28,470,742
Other electric revenues	890,207	836,258
	<u>26,562,169</u>	<u>29,307,000</u>
Operating Expenses		
Cost of power	17,827,633	20,333,030
Distribution - operations	1,371,665	1,254,745
Distribution - maintenance	2,389,221	1,788,522
Consumer accounts	1,114,800	1,149,635
Customer services	126,436	110,293
Administrative and general	1,607,355	1,582,779
Depreciation, excluding \$238,677 in 2023 and \$316,680 in 2022 charged to clearing accounts	2,656,869	2,521,208
Taxes, other than income	25,966	29,260
Interest on long-term debt	924,347	816,201
Other interest charges	30,731	766
Other deductions	14,049	21,812
Total cost of electric service	<u>28,089,072</u>	<u>29,608,251</u>
Operating (Deficit)	<u>(1,526,903)</u>	<u>(301,251)</u>
Nonoperating Margins and Capital Credits		
Interest income	290,854	227,364
Other non-operating margins	138,812	77,285
Generation and transmission capital credits	412,311	323,975
Other capital credits	123,024	96,547
	<u>965,001</u>	<u>725,171</u>
Net Margins (Deficit)	(561,902)	423,920
Other Comprehensive Income		
Postretirement benefits actuarial gain	1,550,307	--
Postretirement benefits amortization of net loss	21,528	132,058
	<u>1,571,835</u>	<u>132,058</u>
Net Margins and Comprehensive Income	<u>\$ 1,009,933</u>	<u>\$ 555,978</u>

The Notes to Consolidated Financial Statements are an integral part of these statements.

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF CHANGES IN MEMBERS' EQUITIES
Years Ended December 31, 2023 and 2022

	Patronage Capital					Other Equities	Accumulated Other Comprehensive Income (Loss)	Total Members' Equities
	Memberships	Assigned	Assignable	Retirements	Total			
Balance - December 31, 2021	\$ 225,765	\$ 32,388,795	\$ 665,660	\$ (3,027,061)	\$ 30,027,394	\$ 801,837	\$ (2,112,919)	\$ 28,942,077
Allocate margins		665,660	(665,660)		--			--
Comprehensive income:								
Net margins			423,920		423,920			423,920
Postretirement benefit obligation								
Amortization of actuarial loss							132,058	132,058
Total comprehensive income								555,978
Net change in memberships	70							70
Refunds to estates				(92,409)	(92,409)			(92,409)
Other equities						26,054		26,054
Balance - December 31, 2022	225,835	33,054,455	423,920	(3,119,470)	30,358,905	827,891	(1,980,861)	29,431,770
Allocate margins		423,920	(423,920)		--			--
Comprehensive income:								
Net deficit			(561,902)		(561,902)			(561,902)
Postretirement benefit obligation								
Amortization of actuarial loss							21,528	
Actuarial gain							1,550,307	1,571,835
Total comprehensive income								1,009,933
Net change in memberships	(205)							(205)
Refunds to estates				(82,896)	(82,896)			(82,896)
Other equities						19,968		19,968
Balance - December 31, 2023	\$ 225,630	\$ 33,478,375	\$ (561,902)	\$ (3,202,366)	\$ 29,714,107	\$ 847,859	\$ (409,026)	\$ 30,378,570

The Notes to Consolidated Financial Statements are an integral part of these statements.

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF CASH FLOWS
Years Ended December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Net margins (deficit)	\$ (561,902)	\$ 423,920
Adjustments to reconcile net margins (deficit) to net cash provided by operating activities:		
Depreciation:		
Charged to expense	2,656,869	2,521,208
Charged to clearing accounts	238,677	316,680
Amortization of finance lease ROU assets	76,346	63,827
Patronage capital credits assigned	(535,335)	(420,522)
Amortization of postretirement actuarial adjustment	21,528	132,058
Postretirement actuarial adjustment	1,550,307	--
Change in assets and liabilities, net of the effects of investing and financing activities:		
Accounts and other receivables, net	2,442,838	(466,725)
Material and supplies	(147,603)	(166,956)
Other current assets	101,799	(90,268)
Deferred debits	122,500	(893,967)
Accounts payable	(681,176)	564,825
Consumer deposits and advances	49,824	16,656
Accrued expenses	(159,258)	62,171
Accumulated postretirement benefits	(1,536,458)	72,783
Net cash provided by operating activities	<u>3,638,956</u>	<u>2,135,690</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Plant additions	(3,942,292)	(3,155,573)
Plant removal costs	(466,169)	(348,461)
Salvage recovered from retired plant	73,806	122,754
Receipts from other investments, net	46,904	756,156
Net cash (used in) investing activities	<u>(4,287,751)</u>	<u>(2,625,124)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Net change in memberships	(205)	70
Refund of patronage capital to members	(82,896)	(92,409)
Increase in other equities	19,968	26,054
Payments on short-term notes payable	(1,962,924)	(787,076)
Principal payments on finance lease obligations	(95,998)	(135,733)
Payments on long-term debt	(1,110,537)	(1,168,153)
Advances of long-term debt	4,864,000	--
Net cash provided by (used in) financing activities	<u>1,631,408</u>	<u>(2,157,247)</u>
Net increase (decrease) in cash and cash equivalents	982,613	(2,646,681)
Cash and cash equivalents, beginning of year	<u>990,752</u>	<u>3,637,433</u>
Cash and cash equivalents, end of year	<u>\$ 1,973,365</u>	<u>\$ 990,752</u>
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION		
Cash payments for interest	\$ 1,149,831	\$ 799,589
SUPPLEMENTAL DISCLOSURES OF NONCASH INVESTING AND FINANCING ACTIVITIES		
Electric plant financed through notes payable	\$ --	\$ 230,983

The Notes to Consolidated Financial Statements are an integral part of these statements.

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Significant Accounting Policies

Description of business

Big Sandy Rural Electric Cooperative Corporation (Big Sandy) provides distribution electric services to residential and commercial consumers concentrated in a five-county area in eastern Kentucky. Big Sandy maintains its records in accordance with the policies permitted by the Kentucky Public Service Commission (PSC) and the United States Department of Agriculture, Rural Utilities Service (RUS), which conform in all material respects with accounting principles generally accepted in the United States of America. The more significant of these policies are as follows:

Principles of consolidation

The consolidated financial statements include the accounts of Big Sandy Rural Electric Cooperative Corporation and its wholly-owned subsidiary, Big Sandy Forestry, LLC (Forestry). All significant intercompany accounts and transactions have been eliminated.

Business activity

Big Sandy provides distribution electric services to residential, business, and commercial consumers in eight counties in eastern Kentucky. Forestry provides utility right-of-way services exclusively for Big Sandy.

Use of estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates used in the preparation of the financial statements.

Utility plant

Utility plant is stated at original cost, which is the cost when first dedicated to public service. Such amount includes applicable supervisory and overhead cost including any construction period interest and taxes. There was no interest required to be capitalized during the years ended December 31, 2023 and 2022.

The cost of maintenance and repairs, including renewals of minor items of property, is charged to operating expense. The cost of replacement of depreciable property units, as distinguished from minor items, is charged to utility plant. The units of property replaced or retired, including cost of removal, net of any salvage value, is charged to accumulated depreciation. Forestry's fixed assets consist primarily of vehicles and tree trimming equipment.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Significant Accounting Policies (Continued)

Utility plant (continued)

Utility plant consists of the following as of December 31, 2023 and 2022:

	2023	2022
Distribution plant	\$ 56,288,142	\$ 54,045,760
General plant	6,931,014	6,669,433
Subtotal electric plant	63,219,156	60,715,193
Vehicles	97,498	--
Equipment	60,673	--
Subtotal subsidiary plant	158,171	--
Utility Plant, at original cost	\$ 63,377,327	\$ 60,715,193

Depreciation

Provision has been made for depreciation on the basis of the estimated lives of assets, using the straight-line method. Depreciation rates range from 2.20% to 6.67%, for distribution plant. General plant rates range from 2.50% to 17.00%.

Forestry's depreciation is computed using the straight-line method over the useful lives of its assets.

Cash and cash equivalents

Big Sandy considers all short-term, highly liquid investments with original maturities of three months or less to be cash equivalents. Big Sandy maintains its cash balances, which may exceed the federally insured limit, with several financial institutions. Management believes that credit risk related to these accounts is minimal.

Accounts receivable and allowance for credit losses

Big Sandy operates in the electric services distribution industry, and its accounts receivable are primarily derived from the sales of electric energy. Accounts receivable are stated at net realizable value and are usually collected within thirty days. Big Sandy uses the allowance method to account for uncollectible accounts receivable. The balance in accounts receivable as of December 31, 2023, 2022, and 2021 was \$2,547,916, \$3,157,802, and \$3,156,924, respectively.

Big Sandy uses the allowance method to account for uncollectible accounts receivable. Management maintains an allowance for potential credit losses based on its assessment of the current status of the customer accounts using a pooled basis approach where similar characteristics exist (See Note 3). The allowance estimate is derived from a review of Big Sandy's historical losses based on the aging of receivables. This estimate is adjusted for management's assessment of current conditions, reasonable and supportable forecasts regarding future events, and any other factors deemed relevant by Big Sandy.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Significant Accounting Policies (Continued)

Accounts receivable and allowance for credit losses (continued)

Big Sandy writes off receivables when there is information that indicates the debtor is facing significant financial difficulty and there is no possibility of recovery. Subsequent recoveries are credited to the allowance for credit losses.

Materials and supplies

Big Sandy values materials and supplies at the lower of average cost or net realizable value.

Deferred debits

Regulatory requirements authorized by the PSC allow the electric supplier to impose a fuel adjustment surcharge upon Big Sandy. In turn, Big Sandy is required to pass on the fuel surcharge to the consumer. Due to regulatory requirements in calculating the surcharge Big Sandy may experience an over or under recovery of the fuel adjustment surcharge.

Similarly, the PSC has an environmental cost recovery mechanism that allows the electric supplier to recover certain costs incurred in complying with the Federal Clean Air Act as amended and those federal, state, and local environmental requirements which apply to coal combustion wastes and byproducts from facilities utilized for the production of energy from coal. In turn, Big Sandy is required to pass on this environmental cost recovery mechanism to the consumer.

Leases

Big Sandy leases vehicles and determines if an arrangement is a lease at inception. Finance leases are included in utility plant, current liabilities, and long-term liabilities on the balance sheets.

Right-of-use assets represent Big Sandy's right to use an underlying asset for the lease term and lease liabilities represent Big Sandy's obligation to make lease payments arising from the lease. When a lease does not provide an implicit rate, Big Sandy uses a risk-free rate based on the information available at commencement date in determining the present value of lease payments. The lease terms may include options to extend or terminate the lease when it is reasonably certain the option will be exercised.

Big Sandy's lease agreements do not contain any material residual value guarantees or material restrictive covenants.

Taxes

Big Sandy is required to collect, on behalf of the Commonwealth of Kentucky, sales taxes based on six percent of gross sales from non-residential consumers, a three percent school tax from certain counties on most gross sales, and franchise fees in certain cities. Big Sandy's policy is to exclude taxes from revenue when collected and expenses when paid and instead, record collection and payment of taxes through a liability account.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Significant Accounting Policies (Continued)

Cost of power

Big Sandy is one of 16 members of East Kentucky Power Cooperative, Inc. (East Kentucky). Under a wholesale power agreement, Big Sandy is committed to purchase its electric power and energy requirements from East Kentucky until 2051. The rates charged by East Kentucky are subject to approval of the PSC. The cost of purchased power is recorded monthly during the period in which the energy is consumed, based upon billings from East Kentucky. There are certain surcharges, clauses, and credits that East Kentucky includes to Salt River that are passed on to consumers using a methodology prescribed by the PSC.

Advertising

Big Sandy expenses advertising costs as incurred. Advertising expenses were \$1,027 and \$1,418 for the years ended December 31, 2023 and 2022, respectively.

Comprehensive income (loss)

Comprehensive income (loss) includes both net margin and other comprehensive income (loss). Other comprehensive income (loss) represents the change in funded status of the accumulated postretirement benefit obligation.

Risk management

Big Sandy and Forestry are exposed to various forms of losses of assets associated with, but not limited to, fire, personal liability, theft, vehicular accidents, errors and omissions, fiduciary responsibility, workers compensation, etc. Each of these areas is covered through the purchase of commercial insurance.

Credit risk

Big Sandy grants credit to residents within its service territory. Concentrations of credit risk with respect to accounts receivables are limited due to its large number of customers.

Environmental contingency

Big Sandy from time to time is required to work with and handle PCBs, herbicides, automotive fluids, lubricants, and other hazardous materials in the normal course of business. As a result, there is the possibility that environmental conditions may arise which would require Big Sandy to incur cleanup costs. The likelihood of such an event, or the amount of such costs, if any, cannot be determined at this time. However, management does not believe such costs, if any, would materially affect Big Sandy's financial position or its future cash flows.

Income taxes

Big Sandy qualifies as a tax-exempt organization under Section 501(c)(12) of the Internal Revenue Code. However, income from certain activities not directly related to Big Sandy's tax-exempt purpose is subject to taxation as unrelated business income. Big Sandy is responsible for reporting unrelated business income associated with its wholly owned subsidiary Forestry.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Significant Accounting Policies (Continued)

Income taxes (continued)

Big Sandy's accounting policy provides that a tax expense/benefit from an uncertain tax position may be recognized when it is more likely than not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on the technical merits. Big Sandy has no uncertain tax positions resulting in an accrual of tax expense or benefit.

Big Sandy recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties in operating expenses. Big Sandy did not recognize any interest or penalties during the years ended December 31, 2023 and 2022.

Big Sandy's Federal Return of Organization Exempt from Income Tax is subject to possible examination by taxing authorities until the expiration of related statutes of limitations on the return, which is generally three years.

Pension accounting

In May 2017, the Financial Accounting Standards Board (FASB) issued ASU 2017-07, *Improving the Presentation of Net periodic Pension Cost and Net Periodic Postretirement Benefit Cost*. The standard specifies how the amount of pension costs and costs for post-retirement benefits other than pensions (PBOP) should be presented on the income statement under accounting principles generally accepted in the United States of America, and what components of those costs are eligible for capitalization in assets. This standard is effective for years beginning after December 15, 2018. The Federal Energy Regulatory Commission (FERC) issued Docket No. A118-1-000 that allowed jurisdictional public utilities to continue to record PBOP costs in their entirety, less amounts capitalized, without change. Pension and PBOP costs are made up of several components: service cost, interest cost, actual return on plan assets, gain or loss, amortization of prior service cost or credit, and amortization of FASB Accounting Standards Codification (ASC) Subtopic 715-30. Though pension and PBOP costs are computed using the aggregate total of these various components, the Commission's longstanding policy is to consider the amount as a singular cost to the employer. This cost is calculated based on ASC 715 and reported as an expense under net margins from continuing operations.

Adoption of accounting pronouncement

In June 2016, the FASB issued guidance (FASB ASC 326) which significantly changed how entities measure credit losses for most financial assets and certain other instruments that are not measured at fair value through net income. The most significant change in this standard is a shift from the incurred loss model to the expected loss model. Under the standard, disclosures are required to provide users of the consolidated financial statements with useful information in analyzing Big Sandy's exposure to credit risk and the measurement of credit losses. Big Sandy's financial assets subject to the guidance include trade accounts receivable.

Big Sandy adopted the standard effective January 1, 2023. The impact of the adoption was not material to the consolidated financial statements and primarily resulted in new and enhanced disclosures only.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Significant Accounting Policies (Continued)

Subsequent events

Management has evaluated subsequent events through March 22, 2024, the date the consolidated financial statements were available to be issued.

Note 2. Revenue Recognition

Revenue from contracts

Big Sandy is engaged in the distribution and sale of electricity to residential and commercial customers in five counties in eastern Kentucky. Revenue from these activities is generated from tariffs approved by the PSC. Big Sandy satisfies their performance obligation upon the delivery of electricity to customers. Revenue is recognized over-time as the customer simultaneously receives and consumes the benefits provided by Big Sandy. The amount of revenue recognized is the billed volume of electricity multiplied by a tariff rate per-unit of energy, plus any applicable fixed or additional regulatory charges. Customers are billed monthly and outstanding amounts are typically due within 20 days of the date of the bill.

Significant judgements

Big Sandy produces customer bills during the first week of each month for service provided in the previous month. Revenue is recorded in the month in which the electric service is delivered based on kilowatt usage. There are no significant judgements for over or under-billed revenues because each month's revenue is based on actual meter readings. This method of revenue recognition presents fairly, Big Sandy's transfer of electricity to customers as the amount recognized is based on actual volumes delivered and the tariff rate per-unit of energy plus any applicable fixed charges as set by the PSC.

Performance obligations

Big Sandy customers generally have no minimum purchase commitments. Big Sandy recognizes revenue as each performance obligation is satisfied. Performance obligations are limited to the service requested and received to date. Accordingly, there are no unsatisfied performance obligations to recognize as of December 31, 2023 and 2022.

Disaggregation of revenue

The following table shows revenues from contracts with customers disaggregated by customer class for the years ended December 31, 2023 and 2022:

	2023	2022
Residential rural	\$ 20,027,245	\$ 22,500,806
Large industrial	4,230,975	4,469,498
Small commercial	1,413,742	1,500,438
Total	<u>\$ 25,671,962</u>	<u>\$ 28,470,742</u>

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 2. Revenue Recognition (Continued)

Contract assets and liabilities

Contract assets include fuel adjustment surcharges and environmental cost recovery mechanisms which are included in deferred debits on the consolidated balance sheets. Contract liabilities include consumer deposits. The balances in contract assets and contract liabilities were as follows as of December 31:

	2023	2022	2021
Contract assets	\$ 384,129	\$ 650,439	\$ - -
Contract liabilities	\$ 748,805	\$ 709,350	\$ 691,662

Note 3. Allowance for Credit Losses

The allowance for credit losses for accounts receivable and the related activity are as follows:

	2023	2022
Beginning balance	\$ 271,308	\$ 144,229
Provision for credit losses	100,811	181,406
Write-offs	(96,071)	(87,391)
Recoveries	12,641	33,064
Ending balance	\$ 288,689	\$ 271,308

Note 4. Investments in Associated Organizations

Investments in associated organizations consist of the following as of December 31, 2023 and 2022:

	2023	2022
East Kentucky, patronage capital	\$ 17,728,177	\$ 17,315,866
CFC member capital securities	4,000,000	4,000,000
CFC CTC's	449,710	449,710
CFC patronage capital	233,876	231,590
Other associated organizations	713,555	639,721
Total	\$ 23,125,318	\$ 22,636,887

Big Sandy records patronage capital assigned by associated organizations in the year in which such assignments are received. The Capital Term Certificates (CTCs) of CFC are recorded at cost. The CTCs were purchased from CFC as a condition of obtaining long-term financing. The CTCs bear interest at 3.00% and 5.00% and are scheduled to mature at varying times from 2025 to 2080. The CFC member capital securities were purchased in April 2020 and bear interest at 5.00%. The member capital securities mature in April 2050 and are callable by CFC, in whole or in part, at any time after ten years from the date of issuance at 100 percent of the principal amount to be redeemed together with accrued and unpaid interest to the redemption date.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 5. Leases

Big Sandy has finance leases for vehicles and equipment. The leases have remaining lease terms of 1 year to 4 years. As of December 31, 2023 and 2022, the net ROU assets included with utility plant on the consolidated balance sheets were \$172,145 and \$232,588, respectively.

The components of lease expense were as follows for the year ended December 31:

	2023	2022
Finance lease cost		
Right-of-use asset amortization	\$ 76,346	\$ 63,827
Interest expense	8,602	6,660
Total lease cost, net	\$ 84,948	\$ 70,487

Other information related to leases was as follows for the year ended December 31:

	2023	2022
Supplemental cash flow information		
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows from finance leases	\$ 8,820	\$ 5,825
Financing cash flows from finance leases	\$ 95,998	\$ 135,733
Right-of-use assets obtained in exchange for lease obligations		
Finance leases	\$ - -	\$ 435,610
Weighted average remaining lease term		
Finance leases	2.56 years	3.21 years
Weighted average discount rate		
Finance leases	3.79%	3.44%

Future undiscounted lease payments for finance leases with initial terms of one year or more as of December 31, 2023, were as follows:

2024	\$ 103,354
2025	54,035
2026	35,099
2027	23,399
	215,887
Less imputed interest	(11,174)
Net lease liabilities	\$ 204,713

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 6. Patronage Capital

Under provisions of the long-term debt agreement, return to patrons of capital contributed by them is limited to amounts which would not allow the total equities and margins to be less than 30.00% of total assets, except that distributions may be made to estates of deceased patrons. The debt agreement provides, however, that should such distributions to estates not exceed 25.00% of the net margins for the next preceding year, Big Sandy may distribute the difference between 25.00% and the payments made to such estates. Members' equity at December 31, 2023 and 2022 was 47.06% and 45.83% of total assets, respectively.

Note 7. Long-Term Debt

All assets, except vehicles, are pledged as collateral on the long-term debt to RUS, Federal Financing Bank (FFB), CoBank, and CFC under a joint mortgage agreement. The long-term debt is due in quarterly and monthly installments of varying amounts through 2057. RUS assesses 12.5 basis points to administer the FFB loans. As of December 31, 2023 and 2022, there was \$9,881,000 and zero of FFB loan funds unadvanced, respectively. These funds will be used for future plant additions.

Long-term debt consists of the following as of December 31, 2023 and 2022:

	2023	2022
RUS:		
3.67% variable rate note	\$ 4,864,000	\$ - -
1.25% to 4.25% fixed rate notes	818,277	932,023
	5,682,277	932,023
FFB, 1.12% to 4.47% fixed rate notes	17,539,381	18,195,251
CFC:		
6.46% fixed rate notes	202,832	225,072
Refinanced RUS loans, 3.75% to 4.30% fixed rate notes	4,380,698	4,699,379
	27,805,188	24,051,725
Less current portion	1,838,352	1,131,511
Long-term portion	\$ 25,966,836	\$ 22,920,214

As of December 31, 2023, the annual principal portion of long-term debt outstanding for the next five years and thereafter are as follows:

2024	\$ 1,838,352
2025	1,586,495
2026	1,464,501
2027	1,395,668
2028	1,351,680
Thereafter	20,168,492
	\$ 27,805,188

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 8. Short-Term Notes Payable

As of December 31, 2023 and 2022, Big Sandy had a short-term line of credit of \$2,500,000 available from CFC with variable interest rates of 7.25% and 5.75% as of December 31, 2023 and 2022, respectively. There were no amounts outstanding on the CFC line of credit as of December 31, 2023 and 2022. The CFC line of credit matures in December 2049. Big Sandy also had a short-term line of credit of \$7,000,000 available from CoBank with variable interest rates of 7.41% and 6.35% as of December 31, 2023 and 2022, respectively. Big Sandy had outstanding balances of zero and \$1,962,924 on the line of credit as of December 31, 2023 and 2022, respectively. The CoBank line of credit matures on July 31, 2024.

Note 9. Pension Plans

All eligible non-union employees of Big Sandy participate in the NRECA Retirement Security Plan (RS Plan), a defined benefit pension plan qualified under section 401 and tax exempt under section 501(a) of the Internal Revenue Code. It is considered a multi-employer plan under the accounting standards. Eligible employees include employees hired prior to August 1, 2002. Non-eligible employees are those hired after August 1, 2002. The Plan sponsor's identification number is 53-0116145 and the Plan Number is 333. A unique characteristic of a multi-employer plan compared to a single employer plan is that all plan assets are available to pay benefits of any plan participant. Separate asset accounts are not maintained for participating employers. This means that assets contributed by one employer may be used to provide benefits to employees of other participating employers.

Big Sandy's contributions to the RS Plan in 2023 and 2022 represent less than 5.00% of the total contributions made to the plan by all participating employers. Big Sandy made contributions to the plan for eligible employees of \$260,342 in 2023 and \$228,144 in 2022. There have been no significant changes that affect the comparability of 2023 and 2022.

In the RS Plan, a zone status determination is not required, and therefore not determined, under the Pension Protection Act (PPA) of 2006. In addition, the accumulated benefit obligations and plan assets are not determined or allocated separately by individual employer. In total, the RS Plan was over 80.00% funded at January 1, 2023 and 2022 based on the PPA funding target and PPA actuarial value of assets on those dates. Because the provisions of the PPA do not apply to the RS Plan, funding improvement plans and surcharges are not applicable. Future contribution requirements are determined each year as part of the actuarial valuation of the plan and may change as a result of plan experience.

Note 10. Savings Plans

Big Sandy participates in the NRECA Savings Plan, a multi-employer, defined contribution master pension plan. Non-eligible employees, as defined above, participate in the Savings Plan with Big Sandy contributing 10.00% of annual base pay. Employer contributions to the plan were \$65,926 for 2023 and \$58,181 for 2022, and vest immediately.

All eligible union employees participate in EmPower's 401(k) Savings Plan. Big Sandy contributes 10.00% of base wages to the plan. Employer contributions to the plan totaled \$126,787 in 2023 and \$134,553 in 2022, and vest immediately. There have been no significant changes that affect the comparability of 2023 and 2022 for either plan.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 11. Postretirement Benefits

Big Sandy sponsors a defined benefit plan that provides medical insurance coverage to retirees and their dependents. Participating retirees and dependents do not contribute to the projected cost of coverage. For measurement purposes, an annual rate of increase of 5.00% in 2023, then decreasing by 0.25% per year until 3.00% per year, in the per capita cost of covered health care benefit was assumed. The discount rate used in determining the accumulated postretirement benefit obligation was 4.50%.

The funded status of the plan as of December 31, 2023 and 2022 was as follows:

	2023	2022
Projected benefit obligation	\$ (2,740,362)	\$ (4,276,820)
Plan assets at fair value	--	--
Funded status	\$ (2,740,362)	\$ (4,276,820)

The components of net periodic postretirement benefit cost for the years ended December 31, 2023 and 2022 are as follows:

	2023	2022
Benefit obligation - beginning of period	\$ 4,276,820	\$ 4,204,037
Net periodic benefit cost:		
Service cost	77,208	59,257
Interest cost	122,692	187,831
Net period cost	199,900	247,088
Actuarial adjustment	(1,550,307)	--
Benefit payments to participants	(186,051)	(174,305)
Benefit obligation - end of period	\$ 2,740,362	\$ 4,276,820

Amounts recognized in the balance sheet consists of:

Accumulated postretirement benefits	\$ 2,740,362	\$ 4,276,820
-------------------------------------	--------------	--------------

Amounts included in other comprehensive income:

Postretirement benefits actuarial gain	\$ 1,550,307	\$ --
Postretirement benefits amortization of net loss	\$ 21,528	\$ 132,058

Effect of 1% increase in the health care trend:

Postemployment benefit obligation	\$ 2,905,000
Net periodic benefit cost	\$ 212,000

Projected retiree benefit payments for the next five years are expected to be as follows: 2024 - \$171,800; 2025 - \$140,800; 2026 - \$123,200; 2027 - \$109,800; 2028 - \$113,900.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 12. Related Party Transactions

Several of the Directors of Big Sandy and its President and General Manager are on the Board of Directors of various associated organizations.

Note 13. Commitments

Big Sandy has various other agreements outstanding with local contractors. Under these agreements, the contractors will perform certain construction and maintenance work at specified hourly rates or unit cost, or on an as needed basis. The duration of these contracts are one to three years.

Note 14. Contingencies

Big Sandy is subject to litigation arising from lawsuits filed by certain employees. While the results of such litigation cannot be predicted with certainty at this time, management, based upon advice of counsel, believes that the final outcome will not have a material adverse effect on the consolidated financial statements.

Note 15. Labor Force

Approximately 40.00% of Big Sandy's labor force is subject to a collective bargaining agreement. A three-year agreement was negotiated and approved for the period starting January 2018 through January 2021 between Big Sandy and the International Brotherhood of Electric Workers (IBEW). A new agreement between Big Sandy and the IBEW was negotiated and approved for the period starting January 2021 through December 2025.



Jones, Nale & Mattingly PLC

INDEPENDENT AUDITOR'S REPORT ON SUPPLEMENTARY INFORMATION

To the Board of Directors
Big Sandy Rural Electric Cooperative Corporation and Subsidiary
Paintsville, Kentucky

We have audited the consolidated financial statements of Big Sandy Rural Electric Cooperative Corporation and Subsidiary as of and for the years ended December 31, 2023 and 2022, and our report thereon dated March 22, 2024, which expressed an unmodified opinion on those consolidated financial statements, appears on pages 1 - 3. Our audits were conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The consolidating supplementary information shown on pages 21 and 22 is presented for purposes of additional analysis and is not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The consolidating information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the consolidated financial statements as a whole.

Jones, Nale & Mattingly P.C.

Louisville, Kentucky
March 22, 2024

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION AND SUBSIDIARY

CONSOLIDATING BALANCE SHEET

December 31, 2023

ASSETS	<u>Big Sandy RECC</u>	<u>Big Sandy Forestry, LLC</u>	<u>Eliminations</u>	<u>Consolidated</u>
Utility plant, at original cost:				
In service	\$ 63,219,156	\$ 158,171	\$ --	\$ 63,377,327
Under construction	643,916	--	--	643,916
	<u>63,863,072</u>	<u>158,171</u>	<u>--</u>	<u>64,021,243</u>
Less accumulated depreciation	29,195,295	27,589	--	29,222,884
	<u>34,667,777</u>	<u>130,582</u>	<u>--</u>	<u>34,798,359</u>
Investments and Other Assets:				
Investments in associated organizations	23,125,318	--	--	23,125,318
Investment in Subsidiary	2,928	--	(2,928)	--
Note receivable, less current portion	262,584	--	(262,584)	--
	<u>23,390,830</u>	<u>--</u>	<u>(265,512)</u>	<u>23,125,318</u>
Current Assets:				
Cash and cash equivalents	1,834,428	138,937	--	1,973,365
Accounts receivable, less allowance for credit losses in 2023 of \$288,689	2,547,916	25,410	(25,410)	2,547,916
Other receivables	678,540	--	--	678,540
Current portion of note receivable	25,254	--	(25,254)	--
Material and supplies, at average cost	621,849	--	--	621,849
Other current assets	17,100	--	--	17,100
Total current assets	<u>5,725,087</u>	<u>164,347</u>	<u>(50,664)</u>	<u>5,838,770</u>
Deferred Debits	785,030	--	--	785,030
Total assets	<u>\$ 64,568,724</u>	<u>\$ 294,929</u>	<u>\$ (316,176)</u>	<u>\$ 64,547,477</u>
MEMBERS' EQUITIES AND LIABILITIES				
Members' Equities:				
Capital investment	\$ --	\$ 2,928	\$ (2,928)	\$ --
Memberships	225,630	--	--	225,630
Patronage capital	29,714,107	--	--	29,714,107
Other equities	847,859	--	--	847,859
Accumulated other comprehensive (loss)	(409,026)	--	--	(409,026)
Total members' equities	<u>30,378,570</u>	<u>2,928</u>	<u>(2,928)</u>	<u>30,378,570</u>
Long-Term Liabilities:				
Long-term debt, less current portion	25,966,836	262,584	(262,584)	25,966,836
Finance lease obligations, less current portion	106,758	--	--	106,758
Accumulated postretirement benefits	2,740,362	--	--	2,740,362
Total long-term liabilities	<u>28,813,956</u>	<u>262,584</u>	<u>(262,584)</u>	<u>28,813,956</u>
Current Liabilities:				
Current portion of long-term debt	1,838,352	25,254	(25,254)	1,838,352
Current portion of finance lease obligations	97,955	--	--	97,955
Accounts payable	2,222,387	3,057	(25,410)	2,200,034
Consumer deposits	748,805	--	--	748,805
Accrued expenses	457,034	1,106	--	458,140
Total current liabilities	<u>5,364,533</u>	<u>29,417</u>	<u>(50,664)</u>	<u>5,343,286</u>
Consumer Advances for Construction	11,665	--	--	11,665
Total members' equities and liabilities	<u>\$ 64,568,724</u>	<u>\$ 294,929</u>	<u>\$ (316,176)</u>	<u>\$ 64,547,477</u>

The Notes to Financial Statements are an integral part of these statements.

BIG SANDY RURAL ELECTRIC COOPERATIVE CORPORATION AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF REVENUE AND COMPREHENSIVE INCOME

Year Ended December 31, 2023

	<u>Big Sandy RECC</u>	<u>Big Sandy Forestry, LLC</u>	<u>Eliminations</u>	<u>Consolidated</u>
Operating Revenues				
Sales of electric energy	\$ 25,671,962	\$ --	\$ --	\$ 25,671,962
Other electric revenues	890,207	--	--	890,207
Contract services	--	185,568	(185,568)	--
	<u>26,562,169</u>	<u>185,568</u>	<u>(185,568)</u>	<u>26,562,169</u>
Operating Expenses				
Cost of power	17,827,633	--	--	17,827,633
Distribution - operations	1,371,665	--	--	1,371,665
Distribution - maintenance	2,426,456	148,333	(185,568)	2,389,221
Consumer accounts	1,114,800	--	--	1,114,800
Customer services	126,436	--	--	126,436
Administrative and general	1,607,355	--	--	1,607,355
Depreciation, excluding \$238,677 in 2023 charged to clearing accounts	2,629,280	27,589	--	2,656,869
Taxes, other than income	25,966	--	--	25,966
Interest on long-term debt	924,347	6,718	(6,718)	924,347
Other interest charges	30,731	--	--	30,731
Other deductions	14,049	--	--	14,049
	<u>28,098,718</u>	<u>182,640</u>	<u>(192,286)</u>	<u>28,089,072</u>
Operating Margins (Deficit)	<u>(1,536,549)</u>	<u>2,928</u>	<u>6,718</u>	<u>(1,526,903)</u>
Nonoperating Margins and Capital Credits				
Interest income	297,572	--	(6,718)	290,854
Investment in subsidiary	2,928	--	(2,928)	--
Other non-operating margins	138,812	--	--	138,812
Generation and transmission capital credits	412,311	--	--	412,311
Other capital credits	123,024	--	--	123,024
	<u>974,647</u>	<u>--</u>	<u>(9,646)</u>	<u>965,001</u>
Net Margins (Deficit)	(561,902)	2,928	(2,928)	(561,902)
Other Comprehensive Income				
Postretirement benefits actuarial gain	1,550,307	--	--	1,550,307
Postretirement benefits amortization of net loss	21,528	--	--	21,528
	<u>1,571,835</u>	<u>--</u>	<u>--</u>	<u>1,571,835</u>
Net Margins and Comprehensive Income	<u>\$ 1,009,933</u>	<u>\$ 2,928</u>	<u>\$ (2,928)</u>	<u>\$ 1,009,933</u>

The Notes to Financial Statements are an integral part of these statements.



Jones, Nale & Mattingly PLC

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Board of Directors
Big Sandy Rural Electric Cooperative Corporation and Subsidiary
Paintsville, Kentucky

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the consolidated financial statements of Big Sandy Rural Electric Cooperative Corporation and Subsidiary (the Cooperative), which comprise the consolidated balance sheet as of December 31, 2023 and the related consolidated statements of revenue and comprehensive income, changes in members' equities, and cash flows for the year then ended, and related notes to the consolidated financial statements, and have issued our report thereon dated March 22, 2024.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the consolidated financial statements, we considered the Cooperative's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the consolidated financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Cooperative's internal control. Accordingly, we do not express an opinion on the effectiveness of the Cooperative's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements, on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's consolidated financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Cooperative's consolidated financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the consolidated financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Jones, Nale & Mattingly PLC

Louisville, Kentucky
March 22, 2024



Jones, Nale & Mattingly PLC

**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH ASPECTS
OF CONTRACTUAL AGREEMENTS AND REGULATORY REQUIREMENTS
FOR ELECTRIC BORROWERS**

To the Board of Directors
Big Sandy Rural Electric Cooperative Corporation and Subsidiary
Paintsville, Kentucky

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the consolidated financial statements of Big Sandy Rural Electric Cooperative Corporation and Subsidiary (the Cooperative), which comprise the consolidated balance sheet as of December 31, 2023, and the related consolidated statements of revenue and comprehensive income, changes in members' equities, and cash flows for the year then ended, and the related notes to the consolidated financial statements, and have issued our report thereon dated March 22, 2024. In accordance with *Government Auditing Standards*, we have also issued our report dated March 22, 2024, on our consideration of the Cooperative's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. No reports other than the reports referred to above and our schedule of findings and recommendations related to our audit have been furnished to management.

In connection with our audit, nothing came to our attention that caused us to believe that the Cooperative failed to comply with the terms, covenants, provisions, or conditions of their loan, grant, and security instruments as set forth in 7 CFR Part 1773, *Policy on Audits of Rural Utilities Service Borrowers and Grantees*, §1773.33, insofar as they relate to accounting matters as enumerated below. However, our audit was not directed primarily toward obtaining knowledge of noncompliance. Accordingly, had we performed additional procedures, other matters may have come to our attention regarding the Cooperative's noncompliance with the above-referenced terms, covenants, provisions, or conditions of the contractual agreements and regulatory requirements, insofar as they relate to accounting matters. In connection with our audit, we noted no matters regarding the Cooperative's accounting and records to indicate that the Cooperative did not:

- Maintain adequate and effective accounting procedures;
- Utilize adequate and fair methods for accumulating and recording labor, material, and overhead costs, and the distribution of these costs to construction, retirement, and maintenance or other expense accounts;
- Reconcile continuing property records to the controlling general ledger plant accounts;
- Clear construction accounts and accrue depreciation on completed construction;
- Record and properly price the retirement of plant;
- Seek approval of the sale, lease, or transfer of capital assets and disposition of proceeds for the sale or lease of plant, material, or scrap;
- Maintain adequate control over material and supplies;

- Prepare accurate and timely Financial and Operating Reports;
- Obtain written RUS approval to enter into any contract for the management, operation, or maintenance of the borrower's system if the contract covers all or substantially all of the electric system;
- Disclose material related party transactions in the financial statements, in accordance with requirements for related parties in generally accepted accounting principles;
- Record depreciation in accordance with RUS requirements ("See RUS Bulletin 183-1, Depreciation Rates and Procedures");
- Comply with the requirements for the detailed schedule of deferred debits and deferred credits, which are listed below; and
- Comply with the requirements for the detailed schedule of investments, of which there were none.

The deferred debits are as follows:

Work plan study	\$ 2,712
PSC rate case expenses	79,319
NISC conversion costs	318,870
Environmental surcharge	258,900
Fuel adjustment surcharge	125,229
	<u>\$ 785,030</u>

The deferred credits are as follows:

Consumer advances for construction	<u>\$ 11,665</u>
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Big Sandy is a 100% owner of a subsidiary, Big Sandy Forestry, LLC, which is engaged in utility right-of-way services exclusively for Big Sandy. In February 2023, Big Sandy loaned \$300,000 to Big Sandy Forestry, LLC. The loan is payable over 10 years at an interest rate of 4.50% per annum. The principal balance outstanding was \$287,838 as of December 31, 2023. The activity of the investment in subsidiary is as follows for the year ended December 31, 2023:

	<u>Investment</u>
Beginning balance	\$ - -
Net gain	2,928
Ending balance	<u>\$ 2,928</u>

The purpose of this report is solely to communicate, in connection with the audit of the financial statements, on compliance with aspects of contractual agreements and the regulatory requirements for electric borrowers based on the requirements of 7 CFR Part 1773, *Policy on Audits of Rural Utilities Service Borrowers and Grantees*. Accordingly, this report is not suitable for any other purpose.

Jones, Nale & Mattingly PLC

Louisville, Kentucky
March 22, 2024

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 18

807 KAR 5:001 Section 16(4)(l)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

*The most recent Federal Energy Regulatory Commission of Federal Communications
Commission audit reports.*

Response:

Big Sandy is not regulated by the Federal Energy Regulatory Commission or Federal
Communications Commission, and therefore has no audit report from these agencies.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 19

807 KAR 5:001 Section 16(4)(m)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

The most recent Federal Energy Regulatory Commission (“FERC”) Financial Report, FERC Form No. 1, FERC Financial Report FERC Form No. 2, or Public Service Commission Form T (telephone).

Response:

Big Sandy is not regulated by the Federal Energy Regulatory Commission, and therefore does not have any the forms or reports listed in this Filing Requirement.

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 20

**807 KAR 5:001 Section 16(4)(n)
Sponsoring Witness: Robin Slone**

Description of Filing Requirement:

A summary of the utility's latest depreciation study with schedules by major plant accounts, except that telecommunications utilities that have adopted the commission's average depreciation rates shall provide a schedule that identifies the current and test period depreciation rates used by major plant accounts. If the required information has been filed in another commission case, a reference to that case's number shall be sufficient.

Response:

Please see the attached depreciation study.

**Big Sandy Rural Electric
Cooperative Corporation
Paintsville, Kentucky**

**Service Life and Salvage Study and
Recommended Depreciation Accrual Rates
as of December 31, 2007**

Prepared by:
Jim Adkins Consulting
Lexington, Kentucky

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Big Sandy Rural Electric Cooperative

Distribution Plant Depreciation Study

As of December 31, 2007

INTRODUCTION

This depreciation study was performed for Big Sandy Rural Electric Cooperative ("Big Sandy") in Paintsville, Kentucky. The purpose of the study was as follows:

1. To recommend appropriate depreciation rates based on estimates of average life mortality characteristics and net salvage that will fully recover the cost of the property, adjusted for net salvage over its estimated life.
2. To determine the adequacy of the book reserve for depreciation at a point in time by comparing it with a theoretical reserve based on the same average lives, mortality characteristics, and net salvage as used to determine the recommended depreciation rates.
3. To determine if necessary some method to adjust the book reserve for past over or under accruals as indicated by comparison with the theoretical reserve requirement.
4. To review in detail the history, status, procedures and policies of Big Sandy's depreciation functions, records, and operating techniques.

Big Sandy has never had a depreciation study performed. Since there are many factors affecting estimates of depreciation rates and accrued depreciation, and these factors are constantly changing, a depreciation study only represents the best judgment at the time the study is performed. Actual results may vary from the forecasts and variations may be material. A review of depreciation should be made at least every five (5) years so that Big Sandy's depreciation practices reflect those changes.

Big Sandy Rural Electric Cooperative

DEPRECIATION

Book depreciation is merely the recognition in financial statements that physical assets are being consumed in the process of providing a service or product. Generally accepted accounting principles require the recording of depreciation provisions to be systematic and rational. In order to be systematic and rational, depreciation should to the extent possible, match either the consumption of the facilities or the revenues generated by the facilities. Accounting theory requires the matching of expenses with either consumption or revenues to ensure that financial statements reflect the results of operations and changes in financial position as accurately as possible. The matching principle is often referred to as the cause and effect principle, thus, both the cause and the effect are required to be recognized for financial statement purposes.

Because price regulation and not the market place controls revenues, for utility accounting purposes consumption is important and is usually assumed to occur at a constant rate. The key to the validity of the utility book depreciation accounting lies in accurately measuring property consumption through determining its mortality characteristics. The term "mortality characteristics" encompasses average service life and dispersion (variation) of retirements around average service life, as well as salvage and cost of removal (net salvage).

DEPRECIATION DEFINITIONS

The Uniform System of Accounts prescribed for electric borrowers of the Rural Utilities Service ("RUS") states that depreciation "as applicable to depreciable electric plant, means the loss in service value not restored by current maintenance, incurred in connection with the consumption for prospective retirement of electric plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and requirements of public authorities".

Big Sandy Rural Electric Cooperative

Service value as defined “means the difference between original cost and net salvage of electric plant”.

Net Salvage value is the salvage value of property retired less cost of removal. Salvage value means the amount received for the property retired, and cost of removal means the cost of demolishing, dismantling, tearing down, or otherwise removing electric plant, including the cost of transportation and handling incidental thereto. Thus, salvage is what will actually be received and cost of removal is what will actually be incurred, both measured at the price level at the time of receipt or incurrence, that is required to be recognized by the company through capital recovery.

Big Sandy Rural Electric Cooperative

SCOPE

The study included construction and retirement activity for distribution plant from 1951 through 2007. Big Sandy has maintained its plant and depreciation records in accordance with the Uniform System of Accounts as issued by RUS. As such, Big Sandy's plant records are maintained on a mass property, average historical cost basis in its continuing property records ("CPR's"). Big Sandy maintained CPR's on the construction unit cost basis until the mid 1980's, at which time they were converted to the record unit basis for CPR's. This conversion process caused moneys to shift from different plant accounts, i.e., from Account 364 to Account 365, etc. As a result, plant additions and retirements were recalculated for the years prior to the conversion using the same ratio as the plant additions and retirements after the CPR conversion.

The study was performed utilizing a computer program which incorporated the "Iowa Type Survivor Curves". These curves are frequently used by utilities for analyzing depreciation of property recorded on a mass basis. The curves analyze the life of mass property accounted for on the vintage basis. Vintage accounting is a system where plant is accounted for by year of installation and its life is tagged as such through retirement. Since vintage accounting is not required by the uniform system of accounts, this type of record was not maintained for the mass items. The study therefore used the technique of creating simulated plant records on a vintage basis.

The computer program used utilized incorporates the Simulated Plant Record ("SPR") method of analyzing data. Studies have shown that mass property kept on a vintage record basis generally fits one of 31 Iowa Type Survivor Curves. Through additional studies it has been shown that if plant is retired but it was not recorded on a vintage basis, it would still follow the pattern of one of these curves. The SPR method of analyzing the data tests the additions, retirements, and plant balances for each year to fit the data to the best curve for analysis.

Big Sandy Rural Electric Cooperative

The result of simulating the plant balances and the depreciation reserve, and allocating the net salvage is to be able to develop the average plant lives and calculate the plant balances, reserve balances, and annual depreciation accruals for distribution assets in service.

The most likely retirement patterns and average service lives were developed based on the SPR analysis. This information was then analyzed for appropriateness and a curve and service life were selected for each account.

The study of depreciation also utilizes the estimates of net salvage for the primary plant accounts. Net salvage is the result of combining salvage received for plant removed from service and the cost of removal. These records were not maintained on a primary account basis since it was not required by the uniform system of accounts. As part of this study, both the cost of removal and salvage were allocated to the primary plant accounts on a percentage basis. The percentages were based on a review of salvage and cost of removal accounts at Big Sandy for a ten (10) year period.

When utilizing the whole life method of accounting for depreciation, it is necessary to determine the adequacy of the depreciation reserve for each account. Big Sandy does not maintain separate accumulated depreciation reserve accounts for each of its distribution plant accounts. The calculation of the net salvage is performed on an average of the original cost of units of property retired on a monthly basis. This method does not give consideration for the net salvage ratio being different that the ratio of original cost each month. Therefore, it is necessary to develop a calculated depreciation reserve for each individual account. This was done by utilizing the average service life developed above, along with the net salvage ratio (as noted above) and applying the rate to the historical additions and the simulated retirements to date to obtain the calculated depreciation reserve.

Big Sandy Rural Electric Cooperative

The depreciation expense and the depreciation reserve were calculated on a composite basis for each account historically used by Big Sandy. For comparative purposes the depreciation expense was calculated for each year based on the proposed rates in this study, and the composite rate was calculated and compared to the current composite rate.

During 2003 through 2006, Big Sandy changed out its existing meters and installed automated meter reading (“AMR”) devices. There was not enough activity, nor any retirements of AMR’s, in Account 370, Meters to generate acceptable simulated plant study results. Therefore, it was estimated that Account 370, Meters would use a useful life of 15 years. This is consistent with other electric cooperatives in Kentucky that have recently installed AMR devices. A review of Account 362, Substation Equipment reveals that all this equipment is for the AMR devices. Since there has not been enough activity to generate acceptable simulated plant study results, and the equipment is used for the AMR devices, it was determined that a useful life of 15 years would be used to remain consistent with the useful life for AMR devices.

The following is a summary of the proposed composite depreciation rates and the RUS recommended maximum and minimum rates. Presently, Big Sandy uses a rate of 3.33% for all distribution plant accounts.

<u>Distribution Account</u>	<u>Proposed</u>	<u>Current</u>	<u>RUS</u>	
	<u>Rate</u>	<u>Rate</u>	<u>Low</u>	<u>High</u>
362 Station Equipment	6.67%	3.33%	3.00%	4.00%
364 Poles, towers & fixtures	4.75%	3.33%	3.00%	4.00%
365 Overhead Conductors & devices	4.54%	3.33%	2.30%	2.80%
366 Underground Conduit	3.91%	3.33%	2.40%	2.90%
367 Underground Conductors & Device	2.78%	3.33%	2.40%	2.90%
368 Line Transformers	2.33%	3.33%	2.60%	3.10%
369 Services	4.97%	3.33%	3.10%	3.60%
370 Meters	6.67%	3.33%	2.90%	3.40%
371 Installations on Consumers’ Prem	6.35%	3.33%	3.90%	4.40%

Big Sandy Rural Electric Cooperative

1. The "Proposed" rates are the rates determined from this depreciation study.
2. The "Current Rates" are those currently in effect. The rate is used for all distribution plant accounts
3. The "RUS Low and High" range are those included in RUS Bulletin 183-1, Depreciation Rates and Procedures. The ranges were developed by RUS in the 1960's as a result of the study of rural electric borrowers. As per the bulletin, rates can be selected from within the range of rates without prior RUS approval. The bulletin further provides for rates higher or lower than those in the range when supported by a depreciation study. However, the Kentucky Public Service Commission does not allow for changing rates without the support of a depreciation study.

The study findings are based upon many factors and assumptions which were discussed with Big Sandy's personnel during my visit. Any changes in the assumptions could significantly impact the results of the study findings. In the future, as plant is added and retired, and methods and technology change, appropriate revisions to the study findings may be necessary. Big Sandy should consider the effects of such changes on an ongoing basis.

Big Sandy also considered the Whole Life Method of calculating the annual depreciation, with the Net Salvage Ratio as ordered by the Kentucky Public Service Commission in Case No. 2000-373, Adjustment of Rates of Jackson Energy Cooperative. This method of recognizing net salvage ratio is in essence the average of the last five (5) years salvage and removal costs that have been recognized in the accumulated depreciation account.

Based on the lives of the assets and the current reserve ratio to total distribution plant, Big Sandy has decided to use these rates as a result of this study.

Big Sandy

Calculated Annual Accrual Rates

Acct Distribution Plant Accounts	Survivor	Curve	Life	Net Salvage Percent	Original Cost	Book Accumulated Depreciation	Future Accruals	Composite Remaining Life	Calculated Annual Accrual Amount	Rate
362 Station Equipment	L5	8		0%	\$353,139	\$37,936	\$239,537	5.43	\$44,142	12.50%
364 Poles, Towers & Fixtures	S6	24		-75%	\$10,895,999	\$2,989,933	\$10,089,131	12.72	\$793,448	7.28%
365 Overhead Conductors & Devices	S6	25		-70%	\$9,754,932	\$2,373,721	\$9,466,812	14.28	\$663,005	6.80%
366 Underground Conduit	S1	29		0%	\$272,466	\$17,673	\$219,556	23.37	\$9,396	3.45%
367 Underground Conductors & Devices	R1.5	36		-60%	\$230,082	\$18,093	\$313,964	30.70	\$10,226	4.44%
368 Line Transformers	S0	43		0%	\$5,435,368	\$456,787	\$4,056,848	32.16	\$126,157	2.32%
369 Services	R2.5	22		-55%	\$3,936,218	\$714,568	\$3,959,272	14.28	\$277,232	7.04%
370 Meters	S6	4		0%	\$3,236,409	\$508,301	\$1,715,159	2.12	\$809,328	25.01%
371 Installations on Customers' Premises	S4	17		-60%	\$1,710,704	\$449,575	\$1,396,060	8.65	\$161,315	9.43%
Total Distribution Plant					<u>\$35,825,317</u>	<u>\$7,566,585</u>	<u>\$31,456,339</u>			

Big Sandy

Existing and Proposed Depreciation Accrual Rates and Amounts

Acct	Distribution Plant Accounts	Original Cost	Existing Estimated Annual Accrual Per Books		Proposed Estimate Calculated Annual Remaining Life Accrual		Increase\ (Decrease) in Accrual	
			Rate	Amount	Rate	Amount	Amount	Percent
362	Station Equipment	\$353,139	3.33%	\$11,760	12.50%	\$44,142	\$32,383	275%
364	Poles, Towers & Fixtures	\$10,895,999	3.33%	\$362,837	7.28%	\$793,448	\$430,611	119%
365	Overhead Conductors & Devices	\$9,754,932	3.33%	\$324,839	6.80%	\$663,005	\$338,166	104%
366	Underground Conduit	\$272,466	3.33%	\$9,073	4.44%	\$12,110	\$3,037	33%
367	Underground Conductors & Devices	\$230,082	3.33%	\$7,662	4.44%	\$10,226	\$2,564	33%
368	Line Transformers	\$5,435,368	3.33%	\$180,998	2.32%	\$126,157	-\$54,841	-30%
369	Service (Pole-to-House)	\$3,936,218	3.33%	\$131,076	7.04%	\$277,232	\$146,156	112%
370	Meters	\$3,236,409	3.33%	\$107,772	25.01%	\$809,328	\$701,556	651%
371	Installations on Customers' Premises	\$1,710,704	3.33%	\$56,966	9.43%	\$161,315	\$104,348	183%
Total Distribution Plant		<u>\$35,825,317</u>		<u>\$1,192,983</u>		<u>\$2,896,964</u>	<u>\$1,703,981</u>	143%

Big Sandy

Accrued Depreciation - Calculated

Acct Distribution Plant Accounts	Survivor Curve	Life	Net Salvage Percent	Original Cost	Calculated		Book Accumulated Depreciation	
					Accrued Depreciation Amount	Percent	Amount	Percent
362 Station Equipment	L5	8	0%	\$353,139	\$113,602	0.50%	\$37,936	0.50%
364 Poles, Towers & Fixtures	S6	24	-75%	\$10,895,999	\$8,953,624	39.51%	\$2,989,933	39.51%
365 Overhead Conductors & Devices	S6	25	-70%	\$9,754,932	\$7,108,322	31.37%	\$2,373,721	31.37%
366 Underground Conduit	S1	29	0%	\$272,466	\$52,922	0.23%	\$17,673	0.23%
367 Underground Conductors & Devices	R1.5	36	-60%	\$230,082	\$54,180	0.24%	\$18,093	0.24%
368 Line Transformers	S0	43	0%	\$5,435,368	\$1,367,889	6.04%	\$456,787	6.04%
369 Service (Pole-to-House)	R2.5	22	-55%	\$3,936,218	\$2,139,838	9.44%	\$714,568	9.44%
370 Meters	S6	4	0%	\$3,236,409	\$1,522,153	6.72%	\$508,301	6.72%
371 Installations on Customers' Premises	S4	17	-60%	\$1,710,704	\$1,346,292	5.94%	\$449,575	5.94%
				\$35,825,317	\$22,658,823	100.00%	\$7,566,585	100.00%

Big Sandy

Service Life Statistics

Account: 362 Station Equipment

Historical Life Curve: L5

Historical Life: 8

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$353,139	0.5	0.060	1.000000	\$10,240	0.50	7.499	7.499
2006	\$342,899	1.5	0.190	1.000000	\$170	1.50	6.499	6.499
2005	\$342,729	2.5	0.310	1.000000	\$296,394	2.50	5.499	5.499
2004	\$46,335	3.5	0.440	1.000000	\$46,335	3.50	4.499	4.499
2003	\$0	4.5	0.560	0.998775	\$0	4.50	3.500	3.504
				<u>7.999192</u>	<u>\$353,139</u>			

Big Sandy

Service Life Statistics

Account: 364 Poles, Towers & Fixtures

Historical Life Curve: S6

Historical Life: 24

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$10,895,999	0.5	0.020	1.000000	\$542,193	0.50	23.500	23.500
2006	\$10,539,522	1.5	0.060	1.000000	\$554,771	1.50	22.500	22.500
2005	\$10,153,897	2.5	0.100	1.000000	\$468,423	2.50	21.500	21.500
2004	\$9,835,676	3.5	0.150	1.000000	\$430,698	3.50	20.500	20.500
2003	\$9,548,537	4.5	0.190	1.000000	\$388,276	4.50	19.500	19.500
2002	\$9,282,305	5.5	0.230	1.000000	\$382,156	5.50	18.500	18.500
2001	\$9,041,817	6.5	0.270	1.000000	\$399,031	6.50	17.500	17.500
2000	\$8,772,766	7.5	0.310	1.000000	\$525,414	7.50	16.600	16.500
1999	\$8,437,895	8.5	0.350	1.000000	\$458,091	8.50	15.500	15.500
1998	\$8,141,545	9.5	0.400	1.000000	\$607,497	9.50	14.500	14.500
1997	\$7,719,145	10.5	0.440	1.000000	\$605,338	10.50	13.500	13.500
1996	\$7,266,697	11.5	0.480	1.000000	\$522,205	11.50	12.500	12.500
1995	\$6,880,769	12.5	0.520	1.000000	\$649,750	12.50	11.500	11.500
1994	\$6,396,057	13.5	0.560	1.000000	\$459,069	13.50	10.500	10.500
1993	\$6,052,882	14.5	0.600	1.000000	\$491,540	14.50	9.500	9.500
1992	\$5,682,492	15.5	0.650	1.000000	\$341,065	15.50	8.500	8.500
1991	\$5,450,868	16.5	0.690	0.999992	\$375,825	16.50	7.500	7.500
1990	\$5,202,081	17.5	0.730	0.999892	\$447,252	17.50	6.500	6.501
1989	\$4,893,138	18.5	0.770	0.999079	\$451,847	18.50	5.501	5.506
1988	\$4,598,469	19.5	0.810	0.994600	\$329,794	19.50	4.504	4.528
1987	\$4,368,938	20.5	0.850	0.977126	\$426,360	20.48	3.518	3.600
1986	\$4,072,379	21.5	0.900	0.907091	\$432,701	21.42	2.576	2.840
1985	\$3,745,184	22.5	0.940	0.785586	\$221,262	22.27	1.729	2.201
1984	\$3,518,757	23.5	0.980	0.603840	\$155,873	22.97	1.035	1.714
1983	\$3,344,881	24.5	1.020	0.396160	\$110,504	23.47	0.535	1.350
1982	\$3,138,603	25.5	1.060	0.214414	\$72,009	23.77	0.229	1.070
1981	\$2,879,366	26.5	1.100	0.092909	\$24,821	23.92	0.076	0.815
1980	\$2,685,772	27.5	1.150	0.022874	\$6,058	23.98	0.018	0.781
1979	\$2,480,025	28.5	1.190	0.005400	\$1,498	24.00	0.004	0.692
1978	\$2,257,024	29.5	1.230	0.000921	\$232	24.00	0.001	0.627
1977	\$2,057,729	30.5	1.270	0.000108	\$21	24.00	0.000	0.580
1976	\$1,902,106	31.5	1.310	0.000008	\$2	24.00	0.000	0.547
1975	\$1,753,328	32.5	1.350	0.000000	\$0	24.00	0.000	0.509
1974	\$1,607,078	33.5	1.400	0.000000	\$0	24.00	0.000	0.509
1973	\$1,508,946	34.5	1.440	0.000000	\$0	24.00	0.000	0.503
1972	\$1,430,890	35.5	1.480	0.000000	\$0	24.00	0.000	0.501
1971	\$1,300,045	36.5	1.520	0.000000	\$0	24.00	0.000	0.500
1970	\$1,248,122	37.5	1.560	0.000000	\$0	24.00	0.000	0.500
1969	\$1,196,024	38.5	1.600	0.000000	\$0	24.00	0.000	0.500
1968	\$1,031,082	39.5	1.650	0.000000	\$0	24.00	0.000	0.500

Big Sandy

Service Life Statistics

Account: 364 Poles, Towers & Fixtures

Historical Life Curve: S6

Historical Life: 24

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
1967	\$970,697	40.5	1.690	0.000000	\$0	24.00	0.000	0.500
1966	\$942,533	41.5	1.730	0.000000	\$0	24.00	0.000	0.000
1965	\$890,535	42.5	1.770	0.000000	\$0	24.00	0.000	0.000
1964	\$825,407	43.5	1.810	0.000000	\$0	24.00	0.000	0.000
1963	\$791,122	44.5	1.850	0.000000	\$0	24.00	0.000	0.000
1962	\$766,620	45.5	1.900	0.000000	\$0	24.00	0.000	0.000
1961	\$739,299	46.5	1.940	0.000000	\$0	24.00	0.000	0.000
1960	\$701,252	47.5	1.980	0.000000	\$0	24.00	0.000	0.000
1959	\$669,413	48.5	2.020	0.000000	\$0	24.00	0.000	0.000
1958	\$642,516	49.5	2.060	0.000000	\$0	24.00	0.000	0.000
1957	\$621,794	50.5	2.100	0.000000	\$0	24.00	0.000	0.000
1956	\$585,970	51.5	2.150	0.000000	\$0	24.00	0.000	0.000
1955	\$533,083	52.5	2.190	0.000000	\$0	24.00	0.000	0.000
1954	\$493,972	53.5	2.230	0.000000	\$0	24.00	0.000	0.000
1953	\$444,208	54.5	2.270	0.000000	\$0	24.00	0.000	0.000
1952	\$417,191	55.5	2.310	0.000000	\$0	24.00	0.000	0.000
1951	\$384,626	56.5	2.350	0.000000	\$0	24.00	0.000	0.000
1950	\$362,081	57.5	2.400	0.000000	\$0	24.00	0.000	0.000
1949	\$220,185	58.5	2.440	0.000000	\$0	24.00	0.000	0.000
1948	\$124,815	59.5	2.480	0.000000	\$0	24.00	0.000	0.000
1947	\$100,492	60.5	2.520	0.000000	\$0	24.00	0.000	0.000
1946	\$88,490	61.5	2.560	0.000000	\$0	24.00	0.000	0.000
1945	\$91,184	62.5	2.600	0.000000	\$0	24.00	0.000	0.000
1944	\$82,367	63.5	2.650	0.000000	\$0	24.00	0.000	0.000
1943	\$59,103	64.5	2.690	0.000000	\$0	24.00	0.000	0.000
1942	\$36,045	65.5	2.730	0.000000	\$0	24.00	0.000	0.000
1941	\$16,487	66.5	2.770	0.000000	\$0	24.00	0.000	0.000
1940	\$0	67.5	2.810	0.000000	\$0	24.00	0.000	0.000
				<u>24.000000</u>	<u>\$10,881,574</u>			

Big Sandy

Service Life Statistics

Account: 365 Overhead Conductors & Devices

Historical Life Curve: S6

Historical Life: 25

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$9,754,932	0.5	0.020	1.000000	\$571,361	0.50	24.500	24.500
2006	\$9,375,118	1.5	0.060	1.000000	\$603,833	1.50	23.500	23.500
2005	\$8,994,357	2.5	0.100	1.000000	\$449,682	2.50	22.500	22.500
2004	\$8,666,835	3.5	0.140	1.000000	\$358,013	3.50	21.500	21.500
2003	\$8,388,425	4.5	0.180	1.000000	\$339,817	4.50	20.500	20.500
2002	\$8,119,010	5.5	0.220	1.000000	\$420,241	5.50	19.500	19.500
2001	\$7,810,977	6.5	0.260	1.000000	\$429,368	6.50	18.500	18.500
2000	\$7,456,900	7.5	0.300	1.000000	\$749,059	7.50	17.500	17.500
1999	\$6,803,686	8.5	0.340	1.000000	\$373,653	8.50	16.500	16.500
1998	\$6,519,617	9.5	0.380	1.000000	\$465,118	9.50	15.500	15.500
1997	\$6,186,516	10.5	0.420	1.000000	\$418,783	10.50	14.500	14.500
1996	\$5,826,270	11.5	0.460	1.000000	\$543,600	11.50	13.500	13.500
1995	\$5,358,154	12.5	0.500	1.000000	\$557,843	12.50	12.500	12.500
1994	\$4,899,929	13.5	0.540	1.000000	\$298,720	13.50	11.500	11.500
1993	\$4,674,063	14.5	0.580	1.000000	\$392,146	14.50	10.500	10.500
1992	\$4,351,589	15.5	0.620	1.000000	\$179,665	15.50	9.500	9.500
1991	\$4,268,005	16.5	0.660	0.999999	\$304,292	16.50	8.500	8.500
1990	\$4,040,634	17.5	0.700	0.999984	\$426,263	17.50	7.500	7.500
1989	\$3,717,304	18.5	0.740	0.999808	\$531,056	18.50	6.500	6.501
1988	\$3,314,882	19.5	0.780	0.998519	\$357,466	19.50	5.501	5.509
1987	\$3,047,414	20.5	0.820	0.992025	\$200,397	20.49	4.506	4.542
1986	\$2,909,208	21.5	0.860	0.968674	\$193,440	21.47	3.525	3.639
1985	\$2,773,867	22.5	0.900	0.907091	\$111,966	22.41	2.587	2.852
1984	\$2,674,317	23.5	0.940	0.785586	\$190,789	23.26	1.741	2.216
1983	\$2,479,307	24.5	0.980	0.603840	\$140,454	23.95	1.046	1.733
1982	\$2,283,151	25.5	1.020	0.396160	\$86,492	24.45	0.546	1.379
1981	\$2,107,167	26.5	1.060	0.214414	\$36,355	24.76	0.241	1.124
1980	\$1,974,396	27.5	1.100	0.092909	\$12,815	24.91	0.087	0.941
1979	\$1,872,801	28.5	1.140	0.031326	\$5,890	24.97	0.025	0.809
1978	\$1,715,363	29.5	1.180	0.007975	\$1,297	24.99	0.006	0.712
1977	\$1,581,126	30.5	1.220	0.001481	\$184	25.00	0.001	0.641
1976	\$1,478,860	31.5	1.260	0.000192	\$20	25.00	0.000	0.590
1975	\$1,394,508	32.5	1.300	0.000016	\$2	25.00	0.000	0.554
1974	\$1,303,947	33.5	1.340	0.000001	\$0	25.00	0.000	0.530
1973	\$1,230,013	34.5	1.380	0.000000	\$0	25.00	0.000	0.514
1972	\$1,233,139	35.5	1.420	0.000000	\$0	25.00	0.000	0.506
1971	\$1,163,564	36.5	1.460	0.000000	\$0	25.00	0.000	0.502
1970	\$1,129,784	37.5	1.500	0.000000	\$0	25.00	0.000	0.500
1969	\$1,099,153	38.5	1.540	0.000000	\$0	25.00	0.000	0.500
1968	\$1,062,301	39.5	1.580	0.000000	\$0	25.00	0.000	0.500

Big Sandy

Service Life Statistics

Account: 365 Overhead Conductors & Devices

Historical Life Curve: S6

Historical Life: 25

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
1967	\$1,027,019	40.5	1.620	0.000000	\$0	25.00	0.000	0.500
1966	\$980,641	41.5	1.660	0.000000	\$0	25.00	0.000	0.500
1965	\$927,485	42.5	1.700	0.000000	\$0	25.00	0.000	0.000
1964	\$863,869	43.5	1.740	0.000000	\$0	25.00	0.000	0.000
1963	\$826,774	44.5	1.780	0.000000	\$0	25.00	0.000	0.000
1962	\$812,994	45.5	1.820	0.000000	\$0	25.00	0.000	0.000
1961	\$791,387	46.5	1.860	0.000000	\$0	25.00	0.000	0.000
1960	\$748,376	47.5	1.900	0.000000	\$0	25.00	0.000	0.000
1959	\$722,684	48.5	1.940	0.000000	\$0	25.00	0.000	0.000
1958	\$699,413	49.5	1.980	0.000000	\$0	25.00	0.000	0.000
1957	\$676,446	50.5	2.020	0.000000	\$0	25.00	0.000	0.000
1956	\$648,422	51.5	2.060	0.000000	\$0	25.00	0.000	0.000
1955	\$568,209	52.5	2.100	0.000000	\$0	25.00	0.000	0.000
1954	\$518,493	53.5	2.140	0.000000	\$0	25.00	0.000	0.000
1953	\$457,262	54.5	2.180	0.000000	\$0	25.00	0.000	0.000
1952	\$441,534	55.5	2.220	0.000000	\$0	25.00	0.000	0.000
1951	\$403,724	56.5	2.260	0.000000	\$0	25.00	0.000	0.000
1950	\$384,064	57.5	2.300	0.000000	\$0	25.00	0.000	0.000
1949	\$213,479	58.5	2.340	0.000000	\$0	25.00	0.000	0.000
1948	\$119,537	59.5	2.380	0.000000	\$0	25.00	0.000	0.000
1947	\$103,681	60.5	2.420	0.000000	\$0	25.00	0.000	0.000
1946	\$92,816	61.5	2.460	0.000000	\$0	25.00	0.000	0.000
1945	\$78,976	62.5	2.500	0.000000	\$0	25.00	0.000	0.000
1944	\$47,246	63.5	2.540	0.000000	\$0	25.00	0.000	0.000
1943	\$33,387	64.5	2.580	0.000000	\$0	25.00	0.000	0.000
1942	\$21,038	65.5	2.620	0.000000	\$0	25.00	0.000	0.000
1941	\$9,597	66.5	2.660	0.000000	\$0	25.00	0.000	0.000
1940	\$0	67.5	2.700	0.000000	\$0	25.00	0.000	0.000
				<u>25.000000</u>	<u>\$9,750,079</u>			

Big Sandy

Service Life Statistics

Account: 366 Underground Conduit

Historical Life Curve: S1

Historical Life: 29

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$272,466	0.5	0.020	0.999982	\$42,958	0.50	28.500	28.501
2006	\$229,507	1.5	0.050	0.999770	\$27,469	1.50	27.500	27.506
2005	\$202,322	2.5	0.090	0.998819	\$38,235	2.50	26.501	26.532
2004	\$164,880	3.5	0.120	0.997390	\$33,428	3.50	25.503	25.569
2003	\$131,752	4.5	0.160	0.994277	\$29,710	4.49	24.507	24.648
2002	\$101,871	5.5	0.190	0.990894	\$10,613	5.49	23.514	23.730
2001	\$91,160	6.5	0.220	0.986512	\$12,502	6.47	22.526	22.834
2000	\$78,487	7.5	0.260	0.978993	\$70	7.46	21.543	22.005
1999	\$78,415	8.5	0.290	0.972024	\$0	8.43	20.567	21.159
1998	\$78,415	9.5	0.330	0.960883	\$11,992	9.40	19.601	20.399
1997	\$65,935	10.5	0.360	0.951105	\$7,453	10.36	18.645	19.603
1996	\$58,099	11.5	0.400	0.936146	\$8,382	11.30	17.701	18.909
1995	\$51,973	12.5	0.430	0.923482	\$729	12.23	16.771	18.161
1994	\$51,184	13.5	0.470	0.904686	\$0	13.14	15.857	17.528
1993	\$51,184	14.5	0.500	0.889181	\$8,091	14.04	14.960	16.825
1992	\$42,085	15.5	0.530	0.872500	\$2,794	14.92	14.080	16.137
1991	\$45,955	16.5	0.570	0.848489	\$5,748	15.78	13.219	15.580
1990	\$44,445	17.5	0.600	0.829210	\$14,343	16.62	12.380	14.930
1989	\$29,123	18.5	0.640	0.801906	\$0	17.44	11.565	14.422
1988	\$29,123	19.5	0.670	0.780301	\$0	18.23	10.774	13.807
1987	\$29,123	20.5	0.710	0.750114	\$593	18.99	10.008	13.343
1986	\$28,332	21.5	0.740	0.726524	\$0	19.73	9.270	12.759
1985	\$28,332	22.5	0.780	0.693944	\$0	20.44	8.560	12.335
1984	\$28,332	23.5	0.810	0.668763	\$0	21.12	7.878	11.781
1983	\$28,332	24.5	0.840	0.643032	\$16,598	21.78	7.223	11.232
1982	\$2,520	25.5	0.880	0.608010	\$0	22.40	6.597	10.850
1981	\$2,520	26.5	0.910	0.581320	\$0	23.00	6.002	10.325
1980	\$2,520	27.5	0.950	0.545332	\$0	23.56	5.439	9.974
1979	\$2,520	28.5	0.980	0.518156	\$0	24.09	4.907	9.471
1978	\$2,520	29.5	1.020	0.481844	\$0	24.59	4.407	9.147
1977	\$2,520	30.5	1.050	0.454668	\$0	25.06	3.939	8.664
1976	\$2,520	31.5	1.090	0.418680	\$0	25.50	3.502	8.365
1975	\$2,520	32.5	1.120	0.391990	\$0	25.90	3.097	7.901
1974	\$2,520	33.5	1.160	0.356968	\$0	26.28	2.723	7.627
1973	\$2,520	34.5	1.190	0.331237	\$0	26.62	2.378	7.181
1972	\$2,520	35.5	1.220	0.306056	\$771	26.94	2.060	6.730
1971	\$0	36.5	1.260	0.273476	\$0	27.23	1.770	6.472
				29.000000	\$272,478			

Big Sandy

Service Life Statistics

Account: 367 Underground Conductors & Devices

Historical Life Curve: R1.5

Historical Life: 36

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$230,082	0.5	0.010	0.998235	\$50,353	0.50	35.482	35.544
2006	\$180,840	1.5	0.040	0.992733	\$7,182	1.49	34.486	34.739
2005	\$173,605	2.5	0.070	0.986907	\$4,155	2.48	33.496	33.941
2004	\$169,395	3.5	0.100	0.980745	\$14,424	3.47	32.512	33.151
2003	\$154,688	4.5	0.130	0.974236	\$2,370	4.45	31.535	32.369
2002	\$152,255	5.5	0.150	0.969696	\$44,619	5.42	30.563	31.518
2001	\$106,242	6.5	0.180	0.962577	\$48,641	6.38	29.597	30.748
2000	\$57,112	7.5	0.210	0.955073	\$6,129	7.34	28.638	29.985
1999	\$53,637	8.5	0.240	0.947171	\$0	8.29	27.687	29.231
1998	\$53,637	9.5	0.260	0.941674	\$783	9.24	26.742	28.399
1997	\$52,806	10.5	0.290	0.933074	\$5,331	10.18	25.805	27.656
1996	\$47,613	11.5	0.320	0.924034	\$3,093	11.10	24.877	26.922
1995	\$44,266	12.5	0.350	0.914529	\$5,034	12.02	23.957	26.196
1994	\$38,762	13.5	0.380	0.904532	\$6,089	12.93	23.048	25.480
1993	\$32,030	14.5	0.400	0.897579	\$6,998	13.83	22.147	24.674
1992	\$24,234	15.5	0.430	0.886691	\$0	14.73	21.255	23.971
1991	\$24,234	16.5	0.460	0.875221	\$5,952	15.61	20.374	23.278
1990	\$20,605	17.5	0.490	0.863133	\$3,044	16.48	19.504	22.597
1989	\$17,078	18.5	0.510	0.854713	\$0	17.34	18.645	21.815
1988	\$17,078	19.5	0.540	0.841512	\$3,312	18.18	17.797	21.149
1987	\$13,142	20.5	0.570	0.827594	\$8,526	19.02	16.963	20.497
1986	\$2,840	21.5	0.600	0.812921	\$984	19.84	16.143	19.857
1985	\$3,853	22.5	0.630	0.797460	\$3,073	20.64	15.337	19.233
1984	\$0	23.5	0.650	0.786697	\$0	21.44	14.545	18.489
				<u>35.980689</u>	<u>\$230,090</u>			

Big Sandy

Service Life Statistics

Account: 368 Line Transformers

Historical Life Curve: S0

Historical Life: 43

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$5,435,368	0.5	0.010	0.999791	\$397,857	0.50	42.500	42.509
2006	\$5,090,707	1.5	0.030	0.998562	\$194,023	1.50	41.501	41.561
2005	\$4,947,297	2.5	0.060	0.995195	\$192,630	2.50	40.504	40.700
2004	\$4,791,383	3.5	0.080	0.992090	\$147,726	3.49	39.510	39.825
2003	\$4,658,863	4.5	0.100	0.988370	\$165,878	4.48	38.520	38.973
2002	\$4,509,763	5.5	0.130	0.981735	\$168,761	5.46	37.535	38.234
2001	\$4,369,645	6.5	0.150	0.976658	\$236,356	6.44	36.556	37.430
2000	\$4,144,999	7.5	0.170	0.971092	\$249,883	7.42	35.582	36.641
1999	\$3,930,075	8.5	0.200	0.961881	\$179,324	8.38	34.616	35.987
1998	\$3,750,154	9.5	0.220	0.955198	\$196,211	9.34	33.657	35.236
1997	\$3,623,393	10.5	0.240	0.948103	\$230,217	10.29	32.705	34.496
1996	\$3,432,987	11.5	0.270	0.936730	\$213,209	11.24	31.763	33.908
1995	\$3,230,812	12.5	0.290	0.928684	\$168,717	12.17	30.830	33.198
1994	\$3,076,956	13.5	0.310	0.920285	\$199,563	13.09	29.906	32.496
1993	\$2,909,865	14.5	0.340	0.907058	\$145,874	14.01	28.992	31.963
1992	\$2,773,541	15.5	0.360	0.897840	\$160,223	14.91	28.090	31.286
1991	\$2,638,847	16.5	0.380	0.888318	\$114,184	15.80	27.197	30.616
1990	\$2,542,721	17.5	0.410	0.873492	\$98,317	16.68	26.316	30.127
1989	\$2,475,546	18.5	0.430	0.863264	\$124,099	17.55	25.447	29.478
1988	\$2,357,983	19.5	0.450	0.852774	\$133,293	18.41	24.589	28.835
1987	\$2,233,221	20.5	0.480	0.836572	\$166,935	19.26	23.745	28.383
1986	\$2,083,723	21.5	0.500	0.825475	\$133,520	20.09	22.914	27.758
1985	\$1,978,408	22.5	0.520	0.814154	\$164,396	20.91	22.094	27.137
1984	\$1,800,701	23.5	0.550	0.796777	\$108,206	21.71	21.288	26.718
1983	\$1,603,255	24.5	0.570	0.784942	\$105,365	22.50	20.497	26.113
1982	\$1,504,773	25.5	0.590	0.772918	\$92,453	23.28	19.719	25.512
1981	\$1,407,660	26.5	0.620	0.754550	\$95,098	24.05	18.955	25.121
1980	\$1,357,814	27.5	0.640	0.742098	\$102,271	24.79	18.206	24.534
1979	\$1,277,509	28.5	0.660	0.729490	\$112,534	25.53	17.471	23.949
1978	\$1,146,800	29.5	0.690	0.710307	\$67,501	26.25	16.751	23.582
1977	\$1,073,055	30.5	0.710	0.697351	\$87,145	26.95	16.047	23.011
1976	\$961,455	31.5	0.730	0.684271	\$47,116	27.64	15.356	22.442
1975	\$912,232	32.5	0.760	0.664440	\$60,818	28.32	14.682	22.096
1974	\$824,366	33.5	0.780	0.651091	\$41,234	28.98	14.024	21.539
1973	\$769,848	34.5	0.800	0.637649	\$13,928	29.62	13.380	20.983
1972	\$748,005	35.5	0.830	0.617331	\$32,349	30.25	12.752	20.657
1971	\$701,770	36.5	0.850	0.603694	\$36,946	30.86	12.142	20.112
1970	\$646,791	37.5	0.870	0.589995	\$12,575	31.46	11.545	19.568
1969	\$625,681	38.5	0.900	0.569347	\$8,825	32.03	10.965	19.259
1968	\$620,785	39.5	0.920	0.555527	\$10,519	32.60	10.403	18.726

Big Sandy

Service Life Statistics

Account: 368 Line Transformers

Historical Life Curve: S0

Historical Life: 43

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
1967	\$610,737	40.5	0.940	0.541675	\$9,420	33.15	9.854	18.192
1966	\$595,393	41.5	0.970	0.520851	\$8,670	33.68	9.323	17.899
1965	\$578,748	42.5	0.990	0.506952	\$8,363	34.19	8.809	17.376
1964	\$566,246	43.5	1.010	0.493048	\$9,295	34.69	8.309	16.852
1963	\$550,817	44.5	1.030	0.479149	\$11,105	35.18	7.823	16.327
1962	\$529,909	45.5	1.060	0.458325	\$9,331	35.65	7.354	16.046
1961	\$510,928	46.5	1.080	0.444473	\$12,963	36.10	6.903	15.530
1960	\$497,424	47.5	1.100	0.430653	\$13,198	36.53	6.465	15.012
1959	\$467,181	48.5	1.130	0.410051	\$6,314	36.96	6.045	14.742
1958	\$453,924	49.5	1.150	0.396306	\$7,170	37.36	5.642	14.236
1957	\$437,141	50.5	1.170	0.382670	\$5,596	37.75	5.252	13.725
1956	\$422,948	51.5	1.200	0.362351	\$8,791	38.12	4.880	13.467
1955	\$400,160	52.5	1.220	0.348909	\$26,305	38.48	4.524	12.966
1954	\$326,994	53.5	1.240	0.335560	\$13,605	38.82	4.182	12.462
1953	\$286,680	54.5	1.270	0.315729	\$12,895	39.14	3.856	12.213
1952	\$247,438	55.5	1.290	0.302649	\$4,454	39.45	3.547	11.720
1951	\$232,868	56.5	1.310	0.289693	\$2,769	39.75	3.251	11.221
1950	\$223,604	57.5	1.340	0.270510	\$8,476	40.03	2.971	10.982
1949	\$193,092	58.5	1.360	0.257902	\$15,181	40.29	2.706	10.494
1948	\$134,568	59.5	1.380	0.245450	\$6,543	40.55	2.455	10.001
1947	\$107,911	60.5	1.410	0.227082	\$6,506	40.78	2.219	9.770
1946	\$80,237	61.5	1.430	0.215058	\$3,707	41.00	1.997	9.288
1945	\$63,000	62.5	1.450	0.203223	\$2,760	41.21	1.788	8.800
1944	\$49,417	63.5	1.480	0.185846	\$3,138	41.41	1.594	8.576
1943	\$32,530	64.5	1.500	0.174525	\$1,574	41.59	1.414	8.100
1942	\$23,509	65.5	1.520	0.163428	\$1,076	41.76	1.245	7.616
1941	\$16,928	66.5	1.550	0.147226	\$2,492	41.91	1.089	7.399
1940	\$0	67.5	1.570	0.136736	\$0	42.05	0.947	6.928
				43.000046	\$5,435,779			

Big Sandy

Service Life Statistics

Account: 369 Services

Historical Life Curve: R2.5

Historical Life: 22

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$3,936,218	0.5	0.020	0.998874	\$300,946	0.50	21.501	21.525
2006	\$3,715,690	1.5	0.070	0.995620	\$234,662	1.50	20.504	20.594
2005	\$3,546,866	2.5	0.110	0.992497	\$263,454	2.49	19.510	19.657
2004	\$3,359,128	3.5	0.160	0.987823	\$256,535	3.48	18.520	18.748
2003	\$3,165,329	4.5	0.200	0.983363	\$237,656	4.47	17.534	17.831
2002	\$2,986,708	5.5	0.250	0.976729	\$218,848	5.45	16.554	16.948
2001	\$2,819,560	6.5	0.300	0.968721	\$218,618	6.42	15.581	16.084
2000	\$2,647,273	7.5	0.340	0.961170	\$281,336	7.38	14.616	15.207
1999	\$2,447,891	8.5	0.390	0.950088	\$231,632	8.34	13.661	14.378
1998	\$2,267,102	9.5	0.430	0.939737	\$171,994	9.28	12.716	13.531
1997	\$2,148,207	10.5	0.480	0.924697	\$189,708	10.22	11.784	12.743
1996	\$2,000,619	11.5	0.520	0.910789	\$176,042	11.13	10.866	11.930
1995	\$1,857,246	12.5	0.570	0.890778	\$147,181	12.04	9.965	11.187
1994	\$1,733,388	13.5	0.610	0.872443	\$139,344	12.92	9.083	10.411
1993	\$1,607,132	14.5	0.660	0.846292	\$107,752	13.78	8.224	9.718
1992	\$1,515,447	15.5	0.700	0.822521	\$97,259	14.61	7.390	8.984
1991	\$1,436,791	16.5	0.750	0.788871	\$88,697	15.42	6.584	8.346
1990	\$1,362,522	17.5	0.800	0.750427	\$79,456	16.19	5.814	7.748
1989	\$1,288,641	18.5	0.840	0.715950	\$82,715	16.92	5.081	7.097
1988	\$1,211,832	19.5	0.890	0.667972	\$80,242	17.61	4.389	6.571
1987	\$1,121,699	20.5	0.930	0.625661	\$53,710	18.26	3.742	5.981
1986	\$1,070,422	21.5	0.980	0.568135	\$45,093	18.86	3.145	5.536
1985	\$1,026,155	22.5	1.020	0.518909	\$44,355	19.40	2.602	5.014
1984	\$965,474	23.5	1.070	0.454515	\$38,422	19.89	2.115	4.654
1983	\$905,216	24.5	1.110	0.401893	\$36,547	20.31	1.687	4.198
1982	\$840,296	25.5	1.160	0.336667	\$24,633	20.68	1.318	3.914
1981	\$783,919	26.5	1.200	0.286458	\$26,176	20.99	1.006	3.512
1980	\$713,059	27.5	1.250	0.228078	\$20,692	21.25	0.749	3.284
1979	\$635,783	28.5	1.300	0.176215	\$13,930	21.45	0.547	3.103
1978	\$571,287	29.5	1.340	0.140137	\$9,297	21.61	0.389	2.773
1977	\$515,566	30.5	1.390	0.102068	\$7,173	21.73	0.267	2.621
1976	\$455,716	31.5	1.430	0.077075	\$4,735	21.82	0.178	2.308
1975	\$404,661	32.5	1.480	0.052149	\$2,831	21.89	0.113	2.172
1974	\$359,349	33.5	1.520	0.036776	\$1,473	21.93	0.069	1.871
1973	\$326,351	34.5	1.570	0.022531	\$877	21.96	0.039	1.739
1972	\$297,650	35.5	1.610	0.014486	\$595	21.98	0.021	1.426
1971	\$267,884	36.5	1.660	0.007672	\$165	21.99	0.010	1.249
1970	\$250,952	37.5	1.700	0.004112	\$94	22.00	0.004	0.898
1969	\$235,777	38.5	1.750	0.001402	\$28	22.00	0.001	0.667
1968	\$225,383	39.5	1.800	0.000228	\$5	22.00	0.000	0.528

Big Sandy

Service Life Statistics

Account: 369 Services

Historical Life Curve: R2.5

Historical Life: 22

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
1967	\$206,619	40.5	1.840	0.000006	\$0	22.00	0.000	0.500
1966	\$199,843	41.5	1.890	0.000000	\$0	22.00	0.000	0.000
1965	\$188,660	42.5	1.930	0.000000	\$0	22.00	0.000	0.000
1964	\$180,653	43.5	1.980	0.000000	\$0	22.00	0.000	0.000
1963	\$174,310	44.5	2.020	0.000000	\$0	22.00	0.000	0.000
1962	\$169,369	45.5	2.070	0.000000	\$0	22.00	0.000	0.000
1961	\$176,353	46.5	2.110	0.000000	\$0	22.00	0.000	0.000
1960	\$169,707	47.5	2.160	0.000000	\$0	22.00	0.000	0.000
1959	\$151,295	48.5	2.200	0.000000	\$0	22.00	0.000	0.000
1958	\$140,123	49.5	2.250	0.000000	\$0	22.00	0.000	0.000
1957	\$132,345	50.5	2.300	0.000000	\$0	22.00	0.000	0.000
1956	\$124,054	51.5	2.340	0.000000	\$0	22.00	0.000	0.000
1955	\$116,110	52.5	2.390	0.000000	\$0	22.00	0.000	0.000
1954	\$109,836	53.5	2.430	0.000000	\$0	22.00	0.000	0.000
1953	\$99,600	54.5	2.480	0.000000	\$0	22.00	0.000	0.000
1952	\$92,458	55.5	2.520	0.000000	\$0	22.00	0.000	0.000
1951	\$83,688	56.5	2.570	0.000000	\$0	22.00	0.000	0.000
1950	\$76,984	57.5	2.610	0.000000	\$0	22.00	0.000	0.000
1949	\$53,776	58.5	2.660	0.000000	\$0	22.00	0.000	0.000
1948	\$30,082	59.5	2.700	0.000000	\$0	22.00	0.000	0.000
1947	\$22,539	60.5	2.750	0.000000	\$0	22.00	0.000	0.000
1946	\$18,453	61.5	2.800	0.000000	\$0	22.00	0.000	0.000
1945	\$16,522	62.5	2.840	0.000000	\$0	22.00	0.000	0.000
1944	\$14,522	63.5	2.890	0.000000	\$0	22.00	0.000	0.000
1943	\$9,312	64.5	2.930	0.000000	\$0	22.00	0.000	0.000
1942	\$5,757	65.5	2.980	0.000000	\$0	22.00	0.000	0.000
1941	\$2,653	66.5	3.020	0.000000	\$0	22.00	0.000	0.000
1940	\$0	67.5	3.070	0.000000	\$0	22.00	0.000	0.000
				22.000536	\$3,934,910			

Big Sandy

Service Life Statistics

Account: 370 Meters

Historical Life Curve: S6

Historical Life: 4

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$3,236,409	0.5	0.130	1.000000	\$584,741	0.50	3.486	3.486
2006	\$2,964,854	1.5	0.380	1.000000	\$1,353,839	1.50	2.486	2.486
2005	\$2,193,883	2.5	0.630	1.000000	\$794,854	2.50	1.486	1.486
2004	\$1,665,518	3.5	0.880	0.944262	\$500,760	3.47	0.514	0.545
2003	\$1,180,358	4.5	1.130	0.042155	\$3,118	3.97	0.021	0.500
2002	\$1,127,292	5.5	1.380	0.000000	\$0	3.99	0.000	0.500
2001	\$1,106,871	6.5	1.630	0.000000	\$0	3.99	0.000	0.500
2000	\$1,074,557	7.5	1.880	0.000000	\$0	3.99	0.000	0.000
1999	\$1,070,160	8.5	2.130	0.000000	\$0	3.99	0.000	0.000
1998	\$1,031,161	9.5	2.380	0.000000	\$0	3.99	0.000	0.000
1997	\$1,033,348	10.5	2.630	0.000000	\$0	3.99	0.000	0.000
1996	\$982,497	11.5	2.880	0.000000	\$0	3.99	0.000	0.000
1995	\$948,044	12.5	3.130	0.000000	\$0	3.99	0.000	0.000
1994	\$898,563	13.5	3.380	0.000000	\$0	3.99	0.000	0.000
1993	\$869,895	14.5	3.630	0.000000	\$0	3.99	0.000	0.000
1992	\$857,383	15.5	3.880	0.000000	\$0	3.99	0.000	0.000
1991	\$839,709	16.5	4.130	0.000000	\$0	3.99	0.000	0.000
1990	\$801,898	17.5	4.380	0.000000	\$0	3.99	0.000	0.000
1989	\$774,292	18.5	4.630	0.000000	\$0	3.99	0.000	0.000
1988	\$747,562	19.5	4.880	0.000000	\$0	3.99	0.000	0.000
1987	\$722,762	20.5	5.130	0.000000	\$0	3.99	0.000	0.000
1986	\$680,445	21.5	5.380	0.000000	\$0	3.99	0.000	0.000
1985	\$652,813	22.5	5.630	0.000000	\$0	3.99	0.000	0.000
1984	\$521,838	23.5	5.880	0.000000	\$0	3.99	0.000	0.000
1983	\$492,510	24.5	6.130	0.000000	\$0	3.99	0.000	0.000
1982	\$446,322	25.5	6.380	0.000000	\$0	3.99	0.000	0.000
1981	\$434,685	26.5	6.630	0.000000	\$0	3.99	0.000	0.000
1980	\$399,647	27.5	6.880	0.000000	\$0	3.99	0.000	0.000
1979	\$373,272	28.5	7.130	0.000000	\$0	3.99	0.000	0.000
1978	\$351,088	29.5	7.380	0.000000	\$0	3.99	0.000	0.000
1977	\$317,438	30.5	7.630	0.000000	\$0	3.99	0.000	0.000
1976	\$289,766	31.5	7.880	0.000000	\$0	3.99	0.000	0.000
1975	\$262,407	32.5	8.130	0.000000	\$0	3.99	0.000	0.000
1974	\$241,926	33.5	8.380	0.000000	\$0	3.99	0.000	0.000
1973	\$219,243	34.5	8.630	0.000000	\$0	3.99	0.000	0.000
1972	\$205,088	35.5	8.880	0.000000	\$0	3.99	0.000	0.000
1971	\$190,991	36.5	9.130	0.000000	\$0	3.99	0.000	0.000
1970	\$176,415	37.5	9.380	0.000000	\$0	3.99	0.000	0.000
1969	\$165,280	38.5	9.630	0.000000	\$0	3.99	0.000	0.000
1968	\$157,701	39.5	9.880	0.000000	\$0	3.99	0.000	0.000

Big Sandy

Service Life Statistics

Account: 370 Meters

Historical Life Curve: S8

Historical Life: 4

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
1967	\$147,769	40.5	10.130	0.000000	\$0	3.99	0.000	0.000
1966	\$145,451	41.5	10.380	0.000000	\$0	3.99	0.000	0.000
1965	\$140,947	42.5	10.630	0.000000	\$0	3.99	0.000	0.000
1964	\$138,697	43.5	10.880	0.000000	\$0	3.99	0.000	0.000
1963	\$133,801	44.5	11.130	0.000000	\$0	3.99	0.000	0.000
1962	\$133,416	45.5	11.380	0.000000	\$0	3.99	0.000	0.000
1961	\$126,181	46.5	11.630	0.000000	\$0	3.99	0.000	0.000
1960	\$124,274	47.5	11.880	0.000000	\$0	3.99	0.000	0.000
1959	\$122,535	48.5	12.130	0.000000	\$0	3.99	0.000	0.000
1958	\$120,623	49.5	12.380	0.000000	\$0	3.99	0.000	0.000
1957	\$118,428	50.5	12.630	0.000000	\$0	3.99	0.000	0.000
1956	\$115,452	51.5	12.880	0.000000	\$0	3.99	0.000	0.000
1955	\$110,325	52.5	13.130	0.000000	\$0	3.99	0.000	0.000
1954	\$95,683	53.5	13.380	0.000000	\$0	3.99	0.000	0.000
1953	\$81,135	54.5	13.630	0.000000	\$0	3.99	0.000	0.000
1952	\$72,296	55.5	13.880	0.000000	\$0	3.99	0.000	0.000
1951	\$64,172	56.5	14.130	0.000000	\$0	3.99	0.000	0.000
1950	\$56,723	57.5	14.380	0.000000	\$0	3.99	0.000	0.000
1949	\$52,084	58.5	14.630	0.000000	\$0	3.99	0.000	0.000
1948	\$43,167	59.5	14.880	0.000000	\$0	3.99	0.000	0.000
1947	\$34,012	60.5	15.130	0.000000	\$0	3.99	0.000	0.000
1946	\$22,604	61.5	15.380	0.000000	\$0	3.99	0.000	0.000
1945	\$22,280	62.5	15.630	0.000000	\$0	3.99	0.000	0.000
1944	\$18,011	63.5	15.880	0.000000	\$0	3.99	0.000	0.000
1943	\$11,500	64.5	16.130	0.000000	\$0	3.99	0.000	0.000
1942	\$6,720	65.5	16.380	0.000000	\$0	3.99	0.000	0.000
1941	\$3,216	66.5	16.630	0.000000	\$0	3.99	0.000	0.000
1940	\$0	67.5	16.880	0.000000	\$0	3.99	0.000	0.000
				3.986417	\$3,237,313			

Big Sandy

Service Life Statistics

Account: 371 Installations on Customers' Premises

Historical Life Curve: S4

Historical Life: 17

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
2007	\$1,710,704	0.5	0.030	1.000000	\$76,936	0.50	16.500	16.500
2006	\$1,698,151	1.5	0.090	1.000000	\$65,520	1.50	15.500	15.500
2005	\$1,683,887	2.5	0.150	1.000000	\$92,596	2.50	14.500	14.500
2004	\$1,638,234	3.5	0.210	1.000000	\$87,240	3.50	13.500	13.500
2003	\$1,603,251	4.5	0.260	1.000000	\$96,824	4.50	12.500	12.500
2002	\$1,543,742	5.5	0.320	0.999998	\$89,621	5.50	11.500	11.500
2001	\$1,482,149	6.5	0.380	0.999974	\$95,032	6.50	10.500	10.500
2000	\$1,417,357	7.5	0.440	0.999790	\$136,336	7.50	9.500	9.502
1999	\$1,332,656	8.5	0.500	0.998901	\$146,147	8.50	8.501	8.510
1998	\$1,229,255	9.5	0.560	0.995778	\$151,158	9.50	7.503	7.535
1997	\$1,118,459	10.5	0.620	0.987221	\$141,717	10.49	6.512	6.596
1996	\$1,009,043	11.5	0.680	0.968017	\$121,855	11.47	5.534	5.717
1995	\$905,748	12.5	0.740	0.931544	\$98,467	12.42	4.585	4.921
1994	\$823,309	13.5	0.790	0.883389	\$84,963	13.32	3.677	4.162
1993	\$747,317	14.5	0.850	0.801117	\$69,489	14.17	2.835	3.539
1992	\$679,928	15.5	0.910	0.693247	\$55,608	14.91	2.088	3.011
1991	\$617,850	16.5	0.970	0.566701	\$39,909	15.54	1.458	2.572
1990	\$569,306	17.5	1.030	0.433299	\$25,503	16.04	0.958	2.210
1989	\$527,198	18.5	1.090	0.306753	\$22,083	16.41	0.588	1.918
1988	\$473,554	19.5	1.150	0.198883	\$10,049	16.67	0.335	1.684
1987	\$436,473	20.5	1.210	0.116611	\$3,945	16.82	0.177	1.519
1986	\$416,443	21.5	1.260	0.068456	\$1,788	16.92	0.085	1.235
1985	\$401,733	22.5	1.320	0.031983	\$837	16.97	0.034	1.073
1984	\$385,127	23.5	1.380	0.012779	\$236	16.99	0.012	0.935
1983	\$378,108	24.5	1.440	0.004222	\$87	17.00	0.003	0.816
1982	\$368,138	25.5	1.500	0.001099	\$22	17.00	0.001	0.715
1981	\$357,678	26.5	1.560	0.000210	\$4	17.00	0.000	0.626
1980	\$351,839	27.5	1.620	0.000026	\$1	17.00	0.000	0.508
1979	\$342,013	28.5	1.680	0.000000	\$0	17.00	0.000	0.744
1978	\$334,936	29.5	1.740	0.000000	\$0	17.00	0.000	0.511
1977	\$326,614	30.5	1.790	0.000000	\$0	17.00	0.000	0.500
1976	\$318,109	31.5	1.850	0.000000	\$0	17.00	0.000	0.500
1975	\$276,911	32.5	1.910	0.000000	\$0	17.00	0.000	0.000
1974	\$236,821	33.5	1.970	0.000000	\$0	17.00	0.000	0.000
1973	\$193,542	34.5	2.030	0.000000	\$0	17.00	0.000	0.000
1972	\$166,487	35.5	2.090	0.000000	\$0	17.00	0.000	0.000
1971	\$133,075	36.5	2.150	0.000000	\$0	17.00	0.000	0.000
1970	\$119,729	37.5	2.210	0.000000	\$0	17.00	0.000	0.000
1969	\$103,139	38.5	2.260	0.000000	\$0	17.00	0.000	0.000
1968	\$92,518	39.5	2.320	0.000000	\$0	17.00	0.000	0.000

Big Sandy

Service Life Statistics

Account: 371 Installations on Customers' Premises

Historical Life Curve: S4

Historical Life: 17

	B Acct Data	C Beg Age	D C / "HL"	E Lookup	F Add x %Srvg	G "RL" Area	H "FL" Area	I "FL" / E
Year	Ending Balance	Age	Age/Life	Historical Percent Surviving	Simulated Plant Survivors	Realized Life (RL)	Future Unrealized Life	Remaining Life Years
1967	\$127,866	40.5	2.380	0.000000	\$0	17.00	0.000	0.000
1966	\$118,160	41.5	2.440	0.000000	\$0	17.00	0.000	0.000
1965	\$102,097	42.5	2.500	0.000000	\$0	17.00	0.000	0.000
1964	\$94,083	43.5	2.560	0.000000	\$0	17.00	0.000	0.000
1963	\$88,436	44.5	2.620	0.000000	\$0	17.00	0.000	0.000
1962	\$88,235	45.5	2.680	0.000000	\$0	17.00	0.000	0.000
1961	\$65,158	46.5	2.740	0.000000	\$0	17.00	0.000	0.000
1960	\$43,182	47.5	2.790	0.000000	\$0	17.00	0.000	0.000
1959	\$41,807	48.5	2.850	0.000000	\$0	17.00	0.000	0.000
1958	\$35,379	49.5	2.910	0.000000	\$0	17.00	0.000	0.000
1957	\$30,125	50.5	2.970	0.000000	\$0	17.00	0.000	0.000
1956	\$24,350	51.5	3.030	0.000000	\$0	17.00	0.000	0.000
1955	\$15,334	52.5	3.090	0.000000	\$0	17.00	0.000	0.000
1954	\$9,556	53.5	3.150	0.000000	\$0	17.00	0.000	0.000
1953	\$3,943	54.5	3.210	0.000000	\$0	17.00	0.000	0.000
1952	\$0	55.5	3.260	0.000000	\$0	17.00	0.000	0.000
				<u>16.999998</u>	<u>\$1,713,970</u>			

Big Sandy

Calculation of Composite Remaining Life

Account: 362 Station Equipment

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$10,240	8.00	12.50%	\$1,280.00	7.50	93.74%	\$9,599
2006	\$170	8.00	12.50%	\$21.25	6.50	81.24%	\$138
2005	\$296,394	8.00	12.50%	\$37,049.25	5.50	68.74%	\$203,741
2004	\$46,335	8.00	12.50%	\$5,791.87	4.50	56.24%	\$26,059
2003	\$0	8.00	12.50%	\$0.00	3.50	43.80%	\$0
				\$44,142			\$239,537
	Net Salvage Adjustment	0%		\$0			\$0
				\$44,142			\$239,537

Composite Remaining Life in Years 5.43

Big Sandy

Calculation of Composite Remaining Life

Account: 365 Overhead Conductors & Devices

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$571,361	25.00	4.00%	\$22,854.44	24.50	98.00%	\$559,934
2006	\$603,833	25.00	4.00%	\$24,153.32	23.50	94.00%	\$567,603
2005	\$449,682	25.00	4.00%	\$17,987.28	22.50	90.00%	\$404,714
2004	\$358,013	25.00	4.00%	\$14,320.52	21.50	86.00%	\$307,891
2003	\$339,817	25.00	4.00%	\$13,592.68	20.50	82.00%	\$278,650
2002	\$420,241	25.00	4.00%	\$16,809.64	19.50	78.00%	\$327,788
2001	\$429,368	25.00	4.00%	\$17,174.72	18.50	74.00%	\$317,732
2000	\$749,059	25.00	4.00%	\$29,962.36	17.50	70.00%	\$524,341
1999	\$373,653	25.00	4.00%	\$14,946.12	16.50	66.00%	\$246,611
1998	\$465,118	25.00	4.00%	\$18,604.72	15.50	62.00%	\$288,373
1997	\$418,783	25.00	4.00%	\$16,751.32	14.50	58.00%	\$242,894
1996	\$543,600	25.00	4.00%	\$21,744.00	13.50	54.00%	\$293,544
1995	\$557,843	25.00	4.00%	\$22,313.72	12.50	50.00%	\$278,922
1994	\$298,720	25.00	4.00%	\$11,948.80	11.50	46.00%	\$137,411
1993	\$392,146	25.00	4.00%	\$15,685.84	10.50	42.00%	\$164,701
1992	\$179,665	25.00	4.00%	\$7,186.60	9.50	38.00%	\$68,273
1991	\$304,292	25.00	4.00%	\$12,171.67	8.50	34.00%	\$103,459
1990	\$426,263	25.00	4.00%	\$17,050.52	7.50	30.00%	\$127,881
1989	\$531,056	25.00	4.00%	\$21,242.24	6.50	26.01%	\$138,103
1988	\$357,466	25.00	4.00%	\$14,298.64	5.51	22.04%	\$78,773
1987	\$200,397	25.00	4.00%	\$8,015.88	4.54	18.17%	\$36,407
1986	\$193,440	25.00	4.00%	\$7,737.61	3.64	14.56%	\$28,160
1985	\$111,966	25.00	4.00%	\$4,478.63	2.85	11.41%	\$12,775
1984	\$190,789	25.00	4.00%	\$7,631.56	2.22	8.87%	\$16,914
1983	\$140,454	25.00	4.00%	\$5,618.15	1.73	6.93%	\$9,736
1982	\$86,492	25.00	4.00%	\$3,459.66	1.38	5.52%	\$4,772
1981	\$36,355	25.00	4.00%	\$1,454.19	1.12	4.50%	\$1,635
1980	\$12,815	25.00	4.00%	\$512.59	0.94	3.76%	\$482
1979	\$5,890	25.00	4.00%	\$235.59	0.81	3.23%	\$190
1978	\$1,297	25.00	4.00%	\$51.87	0.71	2.85%	\$37
1977	\$184	25.00	4.00%	\$7.35	0.64	2.57%	\$5
1976	\$20	25.00	4.00%	\$0.82	0.59	2.36%	\$0
1975	\$2	25.00	4.00%	\$0.08	0.55	2.22%	\$0
1974	\$0	25.00	4.00%	\$0.00	0.53	2.12%	\$0
				\$390,003			\$5,568,713
				Net Salvage Adjustment 70%	\$273,002		\$3,898,099
					\$663,005		\$9,466,812

Composite Remaining Life in Years 14.28

Big Sandy

Calculation of Composite Remaining Life

Account: 367 Underground Conductors & Devices

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$50,353	36.00	2.78%	\$1,398.69	35.54	98.73%	\$49,716
2006	\$7,182	36.00	2.78%	\$199.51	34.74	96.50%	\$6,931
2005	\$4,155	36.00	2.78%	\$115.41	33.94	94.28%	\$3,917
2004	\$14,424	36.00	2.78%	\$400.66	33.15	92.09%	\$13,282
2003	\$2,370	36.00	2.78%	\$65.84	32.37	89.91%	\$2,131
2002	\$44,619	36.00	2.78%	\$1,239.41	31.52	87.55%	\$39,064
2001	\$48,641	36.00	2.78%	\$1,351.14	30.75	85.41%	\$41,544
2000	\$6,129	36.00	2.78%	\$170.24	29.99	83.29%	\$5,105
1999	\$0	36.00	2.78%	\$0.00	29.23	81.20%	\$0
1998	\$783	36.00	2.78%	\$21.74	28.40	78.89%	\$617
1997	\$5,331	36.00	2.78%	\$148.07	27.66	76.82%	\$4,095
1996	\$3,093	36.00	2.78%	\$85.91	26.92	74.78%	\$2,313
1995	\$5,034	36.00	2.78%	\$139.82	26.20	72.77%	\$3,663
1994	\$6,089	36.00	2.78%	\$169.15	25.48	70.78%	\$4,310
1993	\$6,998	36.00	2.78%	\$194.38	24.67	68.54%	\$4,796
1992	\$0	36.00	2.78%	\$0.00	23.97	66.59%	\$0
1991	\$5,952	36.00	2.78%	\$165.32	23.28	64.66%	\$3,848
1990	\$3,044	36.00	2.78%	\$84.56	22.60	62.77%	\$1,911
1989	\$0	36.00	2.78%	\$0.00	21.81	60.60%	\$0
1988	\$3,312	36.00	2.78%	\$92.01	21.15	58.75%	\$1,946
1987	\$8,526	36.00	2.78%	\$236.83	20.50	56.93%	\$4,854
1986	\$984	36.00	2.78%	\$27.35	19.86	55.16%	\$543
1985	\$3,073	36.00	2.78%	\$85.35	19.23	53.42%	\$1,642
1984	\$0	36.00	2.78%	\$0.00	18.49	51.36%	\$0
				\$6,391			\$196,227
				\$3,835			\$117,736
				\$10,226			\$313,964

Composite Remaining Life in Years 30.70

Big Sandy

Calculation of Composite Remaining Life

Account: 368 Line Transformers

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$397,857	43.00	2.33%	\$9,252.48	42.51	98.86%	\$393,314
2006	\$194,023	43.00	2.33%	\$4,512.15	41.56	96.65%	\$187,528
2005	\$192,630	43.00	2.33%	\$4,479.76	40.70	94.65%	\$182,325
2004	\$147,726	43.00	2.33%	\$3,435.49	39.83	92.62%	\$136,820
2003	\$165,878	43.00	2.33%	\$3,857.63	38.97	90.64%	\$150,345
2002	\$168,761	43.00	2.33%	\$3,924.68	38.23	88.92%	\$150,054
2001	\$236,356	43.00	2.33%	\$5,496.65	37.43	87.05%	\$205,738
2000	\$249,883	43.00	2.33%	\$5,811.24	36.64	85.21%	\$212,932
1999	\$179,324	43.00	2.33%	\$4,170.31	35.99	83.69%	\$150,079
1998	\$196,211	43.00	2.33%	\$4,563.05	35.24	81.94%	\$160,782
1997	\$230,217	43.00	2.33%	\$5,353.89	34.50	80.22%	\$184,686
1996	\$213,209	43.00	2.33%	\$4,958.35	33.91	78.86%	\$168,130
1995	\$168,717	43.00	2.33%	\$3,923.65	33.20	77.20%	\$130,257
1994	\$199,563	43.00	2.33%	\$4,641.00	32.50	75.57%	\$150,815
1993	\$145,874	43.00	2.33%	\$3,392.42	31.96	74.33%	\$108,431
1992	\$160,223	43.00	2.33%	\$3,726.12	31.29	72.76%	\$116,575
1991	\$114,184	43.00	2.33%	\$2,655.43	30.62	71.20%	\$81,298
1990	\$98,317	43.00	2.33%	\$2,286.44	30.13	70.06%	\$68,884
1989	\$124,099	43.00	2.33%	\$2,886.01	29.48	68.55%	\$85,074
1988	\$133,293	43.00	2.33%	\$3,099.83	28.83	67.06%	\$89,382
1987	\$166,935	43.00	2.33%	\$3,882.22	28.38	66.01%	\$110,190
1986	\$133,520	43.00	2.33%	\$3,105.11	27.76	64.55%	\$86,192
1985	\$164,396	43.00	2.33%	\$3,823.16	27.14	63.11%	\$103,749
1984	\$106,206	43.00	2.33%	\$2,469.92	26.72	62.14%	\$65,991
1983	\$105,365	43.00	2.33%	\$2,450.35	26.11	60.73%	\$63,987
1982	\$92,453	43.00	2.33%	\$2,150.08	25.51	59.33%	\$54,852
1981	\$95,098	43.00	2.33%	\$2,211.59	25.12	58.42%	\$55,557
1980	\$102,271	43.00	2.33%	\$2,378.41	24.53	57.06%	\$58,351
1979	\$112,534	43.00	2.33%	\$2,617.07	23.95	55.70%	\$62,677
1978	\$67,501	43.00	2.33%	\$1,569.79	23.58	54.84%	\$37,020
1977	\$87,145	43.00	2.33%	\$2,026.63	23.01	53.51%	\$46,635
1976	\$47,116	43.00	2.33%	\$1,095.73	22.44	52.19%	\$24,590
1975	\$60,818	43.00	2.33%	\$1,414.38	22.10	51.39%	\$31,253
1974	\$41,234	43.00	2.33%	\$958.94	21.54	50.09%	\$20,655
1973	\$13,928	43.00	2.33%	\$323.91	20.98	48.80%	\$6,797
1972	\$32,349	43.00	2.33%	\$752.31	20.66	48.04%	\$15,540
1971	\$36,946	43.00	2.33%	\$859.21	20.11	46.77%	\$17,281
1970	\$12,575	43.00	2.33%	\$292.43	19.57	45.51%	\$5,722
1969	\$8,825	43.00	2.33%	\$205.23	19.26	44.79%	\$3,953
1968	\$10,519	43.00	2.33%	\$244.63	18.73	43.55%	\$4,581
1967	\$9,420	43.00	2.33%	\$219.08	18.19	42.31%	\$3,985
1966	\$8,670	43.00	2.33%	\$201.62	17.90	41.63%	\$3,609

Big Sandy

Calculation of Composite Remaining Life

Account: 368 Line Transformers

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
1965	\$8,363	43.00	2.33%	\$194.49	17.38	40.41%	\$3,380
1964	\$9,295	43.00	2.33%	\$216.16	16.85	39.19%	\$3,643
1963	\$11,105	43.00	2.33%	\$258.26	16.33	37.97%	\$4,217
1962	\$9,331	43.00	2.33%	\$217.00	16.05	37.32%	\$3,482
1961	\$12,963	43.00	2.33%	\$301.47	15.53	36.12%	\$4,682
1960	\$13,198	43.00	2.33%	\$306.94	15.01	34.91%	\$4,608
1959	\$6,314	43.00	2.33%	\$146.85	14.74	34.28%	\$2,165
1958	\$7,170	43.00	2.33%	\$166.74	14.24	33.11%	\$2,374
1957	\$5,596	43.00	2.33%	\$130.14	13.72	31.92%	\$1,786
1956	\$8,791	43.00	2.33%	\$204.43	13.47	31.32%	\$2,753
1955	\$26,305	43.00	2.33%	\$611.74	12.97	30.15%	\$7,932
1954	\$13,605	43.00	2.33%	\$316.39	12.46	28.98%	\$3,943
1953	\$12,895	43.00	2.33%	\$299.89	12.21	28.40%	\$3,663
1952	\$4,454	43.00	2.33%	\$103.58	11.72	27.25%	\$1,214
1951	\$2,769	43.00	2.33%	\$64.39	11.22	26.10%	\$722
1950	\$8,476	43.00	2.33%	\$197.13	10.98	25.54%	\$2,165
1949	\$15,181	43.00	2.33%	\$353.05	10.49	24.40%	\$3,705
1948	\$6,543	43.00	2.33%	\$152.16	10.00	23.26%	\$1,522
1947	\$6,506	43.00	2.33%	\$151.31	9.77	22.72%	\$1,478
1946	\$3,707	43.00	2.33%	\$86.21	9.29	21.60%	\$801
1945	\$2,760	43.00	2.33%	\$64.19	8.80	20.46%	\$565
1944	\$3,138	43.00	2.33%	\$72.99	8.58	19.94%	\$626
1943	\$1,574	43.00	2.33%	\$36.61	8.10	18.84%	\$297
1942	\$1,076	43.00	2.33%	\$25.01	7.62	17.71%	\$190
1941	\$2,492	43.00	2.33%	\$57.96	7.40	17.21%	\$429
1940	\$0	43.00	2.33%	\$0.00	6.93	16.11%	\$0
				\$126,157			\$4,056,848
	Net Salvage Adjustment	0%		\$0			\$0
				\$126,157			\$4,056,848

Composite Remaining Life in Years 32.16

Big Sandy

Calculation of Composite Remaining Life

Account: 369 Services

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$300,946	22.00	4.55%	\$13,679.35	21.53	97.84%	\$294,453
2006	\$234,662	22.00	4.55%	\$10,666.44	20.59	93.61%	\$219,665
2005	\$263,454	22.00	4.55%	\$11,975.20	19.66	89.35%	\$235,400
2004	\$256,535	22.00	4.55%	\$11,660.67	18.75	85.22%	\$218,613
2003	\$237,656	22.00	4.55%	\$10,802.56	17.83	81.05%	\$192,617
2002	\$218,848	22.00	4.55%	\$9,947.62	16.95	77.04%	\$168,596
2001	\$218,618	22.00	4.55%	\$9,937.18	16.08	73.11%	\$159,833
2000	\$281,336	22.00	4.55%	\$12,788.02	15.21	69.12%	\$194,465
1999	\$231,632	22.00	4.55%	\$10,528.75	14.38	65.36%	\$151,386
1998	\$171,994	22.00	4.55%	\$7,817.89	13.53	61.51%	\$105,785
1997	\$189,708	22.00	4.55%	\$8,623.10	12.74	57.92%	\$109,885
1996	\$176,042	22.00	4.55%	\$8,001.90	11.93	54.23%	\$95,464
1995	\$147,181	22.00	4.55%	\$6,690.06	11.19	50.85%	\$74,841
1994	\$139,344	22.00	4.55%	\$6,333.82	10.41	47.32%	\$65,944
1993	\$107,752	22.00	4.55%	\$4,897.80	9.72	44.17%	\$47,596
1992	\$97,259	22.00	4.55%	\$4,420.86	8.98	40.84%	\$39,718
1991	\$88,697	22.00	4.55%	\$4,031.67	8.35	37.94%	\$33,649
1990	\$79,456	22.00	4.55%	\$3,611.64	7.75	35.22%	\$27,983
1989	\$82,715	22.00	4.55%	\$3,759.78	7.10	32.26%	\$26,683
1988	\$80,242	22.00	4.55%	\$3,647.37	6.57	29.87%	\$23,966
1987	\$53,710	22.00	4.55%	\$2,441.36	5.98	27.19%	\$14,603
1986	\$45,093	22.00	4.55%	\$2,049.68	5.54	25.17%	\$11,348
1985	\$44,355	22.00	4.55%	\$2,016.15	5.01	22.79%	\$10,109
1984	\$38,422	22.00	4.55%	\$1,746.47	4.65	21.15%	\$8,128
1983	\$36,547	22.00	4.55%	\$1,661.23	4.20	19.08%	\$6,973
1982	\$24,633	22.00	4.55%	\$1,119.69	3.91	17.79%	\$4,383
1981	\$26,176	22.00	4.55%	\$1,189.80	3.51	15.97%	\$4,179
1980	\$20,692	22.00	4.55%	\$940.54	3.28	14.93%	\$3,088
1979	\$13,930	22.00	4.55%	\$633.17	3.10	14.10%	\$1,965
1978	\$9,297	22.00	4.55%	\$422.60	2.77	12.60%	\$1,172
1977	\$7,173	22.00	4.55%	\$326.07	2.62	11.91%	\$854
1976	\$4,735	22.00	4.55%	\$215.24	2.31	10.49%	\$497
1975	\$2,831	22.00	4.55%	\$128.66	2.17	9.87%	\$280
1974	\$1,473	22.00	4.55%	\$66.95	1.87	8.51%	\$125
1973	\$877	22.00	4.55%	\$39.84	1.74	7.90%	\$69
1972	\$595	22.00	4.55%	\$27.07	1.43	6.48%	\$39
1971	\$165	22.00	4.55%	\$7.52	1.25	5.68%	\$9
1970	\$94	22.00	4.55%	\$4.29	0.90	4.08%	\$4

Big Sandy

Calculation of Composite Remaining Life

Account: 369 Services

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
1969	\$28	22.00	4.55%	\$1.30	0.67	3.03%	\$1
1968	\$5	22.00	4.55%	\$0.24	0.53	2.40%	\$0
1967	\$0	22.00	4.55%	\$0.00	0.50	2.27%	\$0
				<u>\$178,860</u>			<u>\$2,554,369</u>
	Net Salvage Adjustment		55%	<u>\$98,373</u>			<u>\$1,404,903</u>
				<u>\$277,232</u>			<u>\$3,959,272</u>

Composite Remaining Life in Years 14.28

Big Sandy

Calculation of Composite Remaining Life

Account: 370 Meters

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$584,741	4.00	25.00%	\$146,185.25	3.49	87.16%	\$509,663
2006	\$1,353,839	4.00	25.00%	\$338,459.75	2.49	62.16%	\$841,552
2005	\$794,854	4.00	25.00%	\$198,713.49	1.49	37.16%	\$295,371
2004	\$500,760	4.00	25.00%	\$125,190.02	0.54	13.62%	\$68,184
2003	\$3,118	4.00	25.00%	\$779.62	0.50	12.50%	\$390
2002	\$0	4.00	25.00%	\$0.00	0.50	12.50%	\$0
				<u>\$809,328</u>			<u>\$1,715,159</u>
	Net Salvage Adjustment	0%		<u>\$0</u>			<u>\$0</u>
				<u>\$809,328</u>			<u>\$1,715,159</u>

Composite Remaining Life in Years 2.12

Big Sandy

Calculation of Composite Remaining Life

Account: 371 Installations on Customers' Premises

Year	Simulated Plant Survivors	Historical Life (HL)	Rate	Accrual Amount	Remaining Life	Remaining Life Percent	Future Accrual
2007	\$76,936	17.00	5.88%	\$4,525.65	16.50	97.06%	\$74,673
2006	\$65,520	17.00	5.88%	\$3,854.12	15.50	91.18%	\$59,739
2005	\$92,596	17.00	5.88%	\$5,446.82	14.50	85.29%	\$78,979
2004	\$87,240	17.00	5.88%	\$5,131.76	13.50	79.41%	\$69,279
2003	\$96,824	17.00	5.88%	\$5,695.53	12.50	73.53%	\$71,194
2002	\$89,621	17.00	5.88%	\$5,271.81	11.50	67.65%	\$60,626
2001	\$95,032	17.00	5.88%	\$5,590.09	10.50	61.77%	\$58,698
2000	\$136,336	17.00	5.88%	\$8,019.79	9.50	55.89%	\$76,205
1999	\$146,147	17.00	5.88%	\$8,596.89	8.51	50.06%	\$73,161
1998	\$151,158	17.00	5.88%	\$8,891.65	7.54	44.33%	\$67,001
1997	\$141,717	17.00	5.88%	\$8,336.27	6.60	38.80%	\$54,988
1996	\$121,855	17.00	5.88%	\$7,167.94	5.72	33.63%	\$40,980
1995	\$98,467	17.00	5.88%	\$5,792.18	4.92	28.95%	\$28,506
1994	\$84,963	17.00	5.88%	\$4,997.80	4.16	24.49%	\$20,803
1993	\$69,489	17.00	5.88%	\$4,087.58	3.54	20.82%	\$14,464
1992	\$55,608	17.00	5.88%	\$3,271.07	3.01	17.71%	\$9,850
1991	\$39,909	17.00	5.88%	\$2,347.58	2.57	15.13%	\$6,038
1990	\$25,503	17.00	5.88%	\$1,500.16	2.21	13.00%	\$3,316
1989	\$22,083	17.00	5.88%	\$1,299.03	1.92	11.27%	\$2,489
1988	\$10,049	17.00	5.88%	\$591.13	1.68	9.90%	\$995
1987	\$3,945	17.00	5.88%	\$232.03	1.52	8.93%	\$352
1986	\$1,788	17.00	5.88%	\$105.16	1.24	7.27%	\$130
1985	\$837	17.00	5.88%	\$49.24	1.07	6.31%	\$53
1984	\$236	17.00	5.88%	\$13.86	0.93	5.50%	\$13
1983	\$87	17.00	5.88%	\$5.11	0.82	4.80%	\$4
1982	\$22	17.00	5.88%	\$1.28	0.72	4.21%	\$1
1981	\$4	17.00	5.88%	\$0.23	0.63	3.68%	\$0
1980	\$1	17.00	5.88%	\$0.03	0.51	2.99%	\$0
1979	\$0	17.00	5.88%	\$0.00	0.74	4.38%	\$0
				\$100,822			\$872,538
				Net Salvage Adjustment 60%	\$60,493		\$523,523
				\$161,315			\$1,396,060

Composite Remaining Life in Years 8.65

Big Sandy

Calculated Accrued Depreciation

Account: 362 Station Equipment

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$10,240	8.00	7.50	6.26%	\$641
2006	\$170	8.00	6.50	18.76%	\$32
2005	\$296,394	8.00	5.50	31.26%	\$92,653
2004	\$46,335	8.00	4.50	43.76%	\$20,276
2003	\$0	8.00	3.50	56.20%	\$0
	<u>\$353,139</u>				<u>\$113,602</u>
	Net Salvage Adjustment		0%		\$0
					<u>\$113,602</u>

Big Sandy

Calculated Accrued Depreciation

Account: 364 Poles, Towers & Fixtures

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$542,193	24.00	23.50	2.08%	\$11,296
2006	\$554,771	24.00	22.50	6.25%	\$34,673
2005	\$468,423	24.00	21.50	10.42%	\$48,794
2004	\$430,698	24.00	20.50	14.58%	\$62,810
2003	\$388,276	24.00	19.50	18.75%	\$72,802
2002	\$382,156	24.00	18.50	22.92%	\$87,577
2001	\$399,031	24.00	17.50	27.08%	\$108,071
2000	\$525,414	24.00	16.50	31.25%	\$164,192
1999	\$458,091	24.00	15.50	35.42%	\$162,241
1998	\$607,497	24.00	14.50	39.58%	\$240,468
1997	\$605,338	24.00	13.50	43.75%	\$264,835
1996	\$522,205	24.00	12.50	47.92%	\$250,223
1995	\$649,750	24.00	11.50	52.08%	\$338,411
1994	\$459,069	24.00	10.50	56.25%	\$258,226
1993	\$491,540	24.00	9.50	60.42%	\$296,972
1992	\$341,065	24.00	8.50	64.58%	\$220,271
1991	\$375,825	24.00	7.50	68.75%	\$258,379
1990	\$447,252	24.00	6.50	72.91%	\$326,107
1989	\$451,847	24.00	5.51	77.06%	\$348,192
1988	\$329,794	24.00	4.53	81.13%	\$267,571
1987	\$426,360	24.00	3.60	85.00%	\$362,402
1986	\$432,701	24.00	2.84	88.17%	\$381,505
1985	\$221,262	24.00	2.20	90.83%	\$200,966
1984	\$155,873	24.00	1.71	92.86%	\$144,744
1983	\$110,504	24.00	1.35	94.38%	\$104,289
1982	\$72,009	24.00	1.07	95.54%	\$68,799
1981	\$24,821	24.00	0.82	96.60%	\$23,977
1980	\$6,058	24.00	0.78	96.74%	\$5,861
1979	\$1,498	24.00	0.69	97.12%	\$1,455
1978	\$232	24.00	0.63	97.39%	\$226
1977	\$21	24.00	0.58	97.58%	\$20
1976	\$2	24.00	0.55	97.72%	\$1
1975	\$0	24.00	0.51	97.88%	\$0
	<u>\$10,881,574</u>				<u>\$5,116,356</u>
			Net Salvage Adjustment	75%	<u>\$3,837,267</u>
					<u>\$8,953,624</u>

Big Sandy

Calculated Accrued Depreciation

Account: 365 Overhead Conductors & Devices

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$571,361	25.00	24.50	2.00%	\$11,427
2006	\$603,833	25.00	23.50	6.00%	\$36,230
2005	\$449,682	25.00	22.50	10.00%	\$44,968
2004	\$358,013	25.00	21.50	14.00%	\$50,122
2003	\$339,817	25.00	20.50	18.00%	\$61,167
2002	\$420,241	25.00	19.50	22.00%	\$92,453
2001	\$429,368	25.00	18.50	26.00%	\$111,636
2000	\$749,059	25.00	17.50	30.00%	\$224,718
1999	\$373,653	25.00	16.50	34.00%	\$127,042
1998	\$465,118	25.00	15.50	38.00%	\$176,745
1997	\$418,783	25.00	14.50	42.00%	\$175,889
1996	\$543,600	25.00	13.50	46.00%	\$250,056
1995	\$557,843	25.00	12.50	50.00%	\$278,921
1994	\$298,720	25.00	11.50	54.00%	\$161,309
1993	\$392,146	25.00	10.50	58.00%	\$227,445
1992	\$179,665	25.00	9.50	62.00%	\$111,392
1991	\$304,292	25.00	8.50	66.00%	\$200,832
1990	\$426,263	25.00	7.50	70.00%	\$298,382
1989	\$531,056	25.00	6.50	73.99%	\$392,952
1988	\$357,466	25.00	5.51	77.96%	\$278,693
1987	\$200,397	25.00	4.54	81.83%	\$163,990
1986	\$193,440	25.00	3.64	85.44%	\$165,281
1985	\$111,966	25.00	2.85	88.59%	\$99,191
1984	\$190,789	25.00	2.22	91.13%	\$173,875
1983	\$140,454	25.00	1.73	93.07%	\$130,718
1982	\$86,492	25.00	1.38	94.48%	\$81,720
1981	\$36,355	25.00	1.12	95.50%	\$34,720
1980	\$12,815	25.00	0.94	96.24%	\$12,332
1979	\$5,890	25.00	0.81	96.77%	\$5,699
1978	\$1,297	25.00	0.71	97.15%	\$1,260
1977	\$184	25.00	0.64	97.43%	\$179
1976	\$20	25.00	0.59	97.64%	\$20
1975	\$2	25.00	0.55	97.78%	\$2
1974	\$0	25.00	0.53	97.88%	\$0
	<u>\$9,750,079</u>				<u>\$4,181,366</u>
	Net Salvage Adjustment		70%		<u>\$2,926,956</u>
					<u>\$7,108,322</u>

Big Sandy

Calculated Accrued Depreciation

Account: 366 Underground Conduit

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$42,958	29.00	28.50	1.72%	\$740
2006	\$27,469	29.00	27.51	5.15%	\$1,415
2005	\$38,235	29.00	26.53	8.51%	\$3,254
2004	\$33,428	29.00	25.57	11.83%	\$3,954
2003	\$29,710	29.00	24.65	15.01%	\$4,459
2002	\$10,613	29.00	23.73	18.17%	\$1,929
2001	\$12,502	29.00	22.83	21.26%	\$2,658
2000	\$70	29.00	22.01	24.12%	\$17
1999	\$0	29.00	21.16	27.04%	\$0
1998	\$11,992	29.00	20.40	29.66%	\$3,557
1997	\$7,453	29.00	19.60	32.40%	\$2,415
1996	\$8,382	29.00	18.91	34.80%	\$2,917
1995	\$729	29.00	18.16	37.38%	\$272
1994	\$0	29.00	17.53	39.56%	\$0
1993	\$8,091	29.00	16.82	41.98%	\$3,397
1992	\$2,794	29.00	16.14	44.35%	\$1,239
1991	\$5,748	29.00	15.58	46.28%	\$2,660
1990	\$14,343	29.00	14.93	48.52%	\$6,959
1989	\$0	29.00	14.42	50.27%	\$0
1988	\$0	29.00	13.81	52.39%	\$0
1987	\$593	29.00	13.34	53.99%	\$320
1986	\$0	29.00	12.76	56.00%	\$0
1985	\$0	29.00	12.34	57.47%	\$0
1984	\$0	29.00	11.78	59.38%	\$0
1983	\$16,598	29.00	11.23	61.27%	\$10,169
1982	\$0	29.00	10.85	62.59%	\$0
1981	\$0	29.00	10.33	64.39%	\$0
1980	\$0	29.00	9.97	65.61%	\$0
1979	\$0	29.00	9.47	67.34%	\$0
1978	\$0	29.00	9.15	68.46%	\$0
1977	\$0	29.00	8.66	70.13%	\$0
1976	\$0	29.00	8.37	71.15%	\$0
1975	\$0	29.00	7.90	72.76%	\$0
1974	\$0	29.00	7.63	73.70%	\$0
1973	\$0	29.00	7.18	75.24%	\$0
1972	\$771	29.00	6.73	76.79%	\$592
1971	\$0	29.00	6.47	77.68%	\$0
	<u>\$272,478</u>				<u>\$52,922</u>
	Net Salvage Adjustment		0%		<u>\$0</u>
					<u>\$52,922</u>

Big Sandy

Calculated Accrued Depreciation

Account: 367 Underground Conductors & Devices

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$50,353	36.00	35.54	1.27%	\$637
2006	\$7,182	36.00	34.74	3.50%	\$252
2005	\$4,155	36.00	33.94	5.72%	\$238
2004	\$14,424	36.00	33.15	7.91%	\$1,142
2003	\$2,370	36.00	32.37	10.09%	\$239
2002	\$44,619	36.00	31.52	12.45%	\$5,555
2001	\$48,641	36.00	30.75	14.59%	\$7,097
2000	\$6,129	36.00	29.99	16.71%	\$1,024
1999	\$0	36.00	29.23	18.80%	\$0
1998	\$783	36.00	28.40	21.11%	\$165
1997	\$5,331	36.00	27.66	23.18%	\$1,236
1996	\$3,093	36.00	26.92	25.22%	\$780
1995	\$5,034	36.00	26.20	27.23%	\$1,371
1994	\$6,089	36.00	25.48	29.22%	\$1,779
1993	\$6,998	36.00	24.67	31.46%	\$2,202
1992	\$0	36.00	23.97	33.41%	\$0
1991	\$5,952	36.00	23.28	35.34%	\$2,103
1990	\$3,044	36.00	22.60	37.23%	\$1,133
1989	\$0	36.00	21.81	39.40%	\$0
1988	\$3,312	36.00	21.15	41.25%	\$1,366
1987	\$8,526	36.00	20.50	43.07%	\$3,672
1986	\$984	36.00	19.86	44.84%	\$441
1985	\$3,073	36.00	19.23	46.58%	\$1,431
1984	\$0	36.00	18.49	48.64%	\$0
	<u>\$230,090</u>				<u>\$33,863</u>
	Net Salvage Adjustment		60%		<u>\$20,318</u>
					<u>\$54,180</u>

Big Sandy

Calculated Accrued Depreciation

Account: 368 Line Transformers

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$397,857	43.00	42.51	1.14%	\$4,543
2006	\$194,023	43.00	41.56	3.35%	\$6,494
2005	\$192,630	43.00	40.70	5.35%	\$10,305
2004	\$147,726	43.00	39.83	7.38%	\$10,906
2003	\$165,878	43.00	38.97	9.36%	\$15,533
2002	\$168,761	43.00	38.23	11.08%	\$18,707
2001	\$236,356	43.00	37.43	12.95%	\$30,618
2000	\$249,883	43.00	36.64	14.79%	\$36,952
1999	\$179,324	43.00	35.99	16.31%	\$29,245
1998	\$196,211	43.00	35.24	18.06%	\$35,429
1997	\$230,217	43.00	34.50	19.78%	\$45,531
1996	\$213,209	43.00	33.91	21.14%	\$45,079
1995	\$168,717	43.00	33.20	22.80%	\$38,460
1994	\$199,563	43.00	32.50	24.43%	\$48,748
1993	\$145,874	43.00	31.96	25.67%	\$37,443
1992	\$160,223	43.00	31.29	27.24%	\$43,648
1991	\$114,184	43.00	30.62	28.80%	\$32,885
1990	\$98,317	43.00	30.13	29.94%	\$29,433
1989	\$124,099	43.00	29.48	31.45%	\$39,025
1988	\$133,293	43.00	28.83	32.94%	\$43,911
1987	\$166,935	43.00	28.38	33.99%	\$56,745
1986	\$133,520	43.00	27.76	35.45%	\$47,328
1985	\$164,396	43.00	27.14	36.89%	\$60,646
1984	\$106,206	43.00	26.72	37.86%	\$40,215
1983	\$105,365	43.00	26.11	39.27%	\$41,378
1982	\$92,453	43.00	25.51	40.67%	\$37,601
1981	\$95,098	43.00	25.12	41.58%	\$39,542
1980	\$102,271	43.00	24.53	42.94%	\$43,920
1979	\$112,534	43.00	23.95	44.30%	\$49,857
1978	\$67,501	43.00	23.58	45.16%	\$30,482
1977	\$87,145	43.00	23.01	46.49%	\$40,510
1976	\$47,116	43.00	22.44	47.81%	\$22,526
1975	\$60,818	43.00	22.10	48.61%	\$29,565
1974	\$41,234	43.00	21.54	49.91%	\$20,579
1973	\$13,928	43.00	20.98	51.20%	\$7,132
1972	\$32,349	43.00	20.66	51.96%	\$16,809
1971	\$36,946	43.00	20.11	53.23%	\$19,665
1970	\$12,575	43.00	19.57	54.49%	\$6,852
1969	\$8,825	43.00	19.26	55.21%	\$4,872
1968	\$10,519	43.00	18.73	56.45%	\$5,938
1967	\$9,420	43.00	18.19	57.69%	\$5,435
1966	\$8,670	43.00	17.90	58.37%	\$5,061

Big Sandy

Calculated Accrued Depreciation

Account: 368 Line Transformers

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
1965	\$8,363	43.00	17.38	59.59%	\$4,984
1964	\$9,295	43.00	16.85	60.81%	\$5,652
1963	\$11,105	43.00	16.33	62.03%	\$6,889
1962	\$9,331	43.00	16.05	62.68%	\$5,849
1961	\$12,963	43.00	15.53	63.88%	\$8,281
1960	\$13,198	43.00	15.01	65.09%	\$8,590
1959	\$6,314	43.00	14.74	65.72%	\$4,150
1958	\$7,170	43.00	14.24	66.89%	\$4,796
1957	\$5,596	43.00	13.72	68.08%	\$3,810
1956	\$8,791	43.00	13.47	68.68%	\$6,038
1955	\$26,305	43.00	12.97	69.85%	\$18,373
1954	\$13,605	43.00	12.46	71.02%	\$9,662
1953	\$12,895	43.00	12.21	71.60%	\$9,233
1952	\$4,454	43.00	11.72	72.75%	\$3,240
1951	\$2,769	43.00	11.22	73.90%	\$2,046
1950	\$8,476	43.00	10.98	74.46%	\$6,312
1949	\$15,181	43.00	10.49	75.60%	\$11,476
1948	\$6,543	43.00	10.00	76.74%	\$5,021
1947	\$6,506	43.00	9.77	77.28%	\$5,028
1946	\$3,707	43.00	9.29	78.40%	\$2,906
1945	\$2,760	43.00	8.80	79.54%	\$2,195
1944	\$3,138	43.00	8.58	80.06%	\$2,512
1943	\$1,574	43.00	8.10	81.16%	\$1,278
1942	\$1,076	43.00	7.62	82.29%	\$885
1941	\$2,492	43.00	7.40	82.79%	\$2,063
1940	\$0	43.00	6.93	83.89%	\$0
	<u>\$5,424,738</u>				<u>\$1,367,889</u>
		Net Salvage Adjustment	0%		<u>\$0</u>
					<u><u>\$1,367,889</u></u>

Big Sandy

Calculated Accrued Depreciation

Account: 369 Services

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$300,946	22.00	21.53	2.16%	\$6,493
2006	\$234,662	22.00	20.59	6.39%	\$14,996
2005	\$263,454	22.00	19.66	10.65%	\$28,055
2004	\$256,535	22.00	18.75	14.78%	\$37,921
2003	\$237,656	22.00	17.83	18.95%	\$45,039
2002	\$218,848	22.00	16.95	22.96%	\$50,251
2001	\$218,618	22.00	16.08	26.89%	\$58,785
2000	\$281,336	22.00	15.21	30.88%	\$86,871
1999	\$231,632	22.00	14.38	34.64%	\$80,246
1998	\$171,994	22.00	13.53	38.49%	\$66,208
1997	\$189,708	22.00	12.74	42.08%	\$79,823
1996	\$176,042	22.00	11.93	45.77%	\$80,578
1995	\$147,181	22.00	11.19	49.15%	\$72,340
1994	\$139,344	22.00	10.41	52.68%	\$73,400
1993	\$107,752	22.00	9.72	55.83%	\$60,156
1992	\$97,259	22.00	8.98	59.16%	\$57,541
1991	\$88,697	22.00	8.35	62.06%	\$55,048
1990	\$79,456	22.00	7.75	64.78%	\$51,473
1989	\$82,715	22.00	7.10	67.74%	\$56,032
1988	\$80,242	22.00	6.57	70.13%	\$56,276
1987	\$53,710	22.00	5.98	72.81%	\$39,107
1986	\$45,093	22.00	5.54	74.83%	\$33,745
1985	\$44,355	22.00	5.01	77.21%	\$34,246
1984	\$38,422	22.00	4.65	78.85%	\$30,295
1983	\$36,547	22.00	4.20	80.92%	\$29,574
1982	\$24,633	22.00	3.91	82.21%	\$20,251
1981	\$26,176	22.00	3.51	84.03%	\$21,997
1980	\$20,692	22.00	3.28	85.07%	\$17,604
1979	\$13,930	22.00	3.10	85.90%	\$11,965
1978	\$9,297	22.00	2.77	87.40%	\$8,125
1977	\$7,173	22.00	2.62	88.09%	\$6,319
1976	\$4,735	22.00	2.31	89.51%	\$4,238
1975	\$2,831	22.00	2.17	90.13%	\$2,551
1974	\$1,473	22.00	1.87	91.49%	\$1,348
1973	\$877	22.00	1.74	92.10%	\$807
1972	\$595	22.00	1.43	93.52%	\$557
1971	\$165	22.00	1.25	94.32%	\$156
1970	\$94	22.00	0.90	95.92%	\$91

Big Sandy

Calculated Accrued Depreciation

Account: 369 Services

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
1969	\$28	22.00	0.67	96.97%	\$28
1968	\$5	22.00	0.53	97.60%	\$5
1967	\$0	22.00	0.50	97.73%	\$0
	<u>\$3,934,910</u>				<u>\$1,380,541</u>
			Net Salvage Adjustment 55%		<u>\$759,297</u>
					<u>\$2,139,838</u>

Big Sandy

Calculated Accrued Depreciation

Account: 370 Meters

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$584,741	4.00	3.49	12.84%	\$75,078
2006	\$1,353,839	4.00	2.49	37.84%	\$512,287
2005	\$794,854	4.00	1.49	62.84%	\$499,483
2004	\$500,760	4.00	0.54	86.38%	\$432,576
2003	\$3,118	4.00	0.50	87.50%	\$2,729
2002	\$0	4.00	0.50	87.50%	\$0
	<u>\$3,237,313</u>				<u>\$1,522,153</u>
	Net Salvage Adjustment		0%		\$0
					<u>\$1,522,153</u>

Big Sandy

Calculated Accrued Depreciation

Account: 371 Installations on Customers' Premises

Year	Simulated Plant Survivors	Historical Life (HL)	Remaining Life	Factor	Future Accrual
2007	\$76,936	17.00	16.50	2.94%	\$2,263
2006	\$65,520	17.00	15.50	8.82%	\$5,781
2005	\$92,596	17.00	14.50	14.71%	\$13,617
2004	\$87,240	17.00	13.50	20.59%	\$17,961
2003	\$96,824	17.00	12.50	26.47%	\$25,630
2002	\$89,621	17.00	11.50	32.35%	\$28,995
2001	\$95,032	17.00	10.50	38.23%	\$36,334
2000	\$136,336	17.00	9.50	44.11%	\$60,131
1999	\$146,147	17.00	8.51	49.94%	\$72,986
1998	\$151,158	17.00	7.54	55.67%	\$84,157
1997	\$141,717	17.00	6.60	61.20%	\$86,728
1996	\$121,855	17.00	5.72	66.37%	\$80,875
1995	\$98,467	17.00	4.92	71.05%	\$69,961
1994	\$84,963	17.00	4.16	75.51%	\$64,159
1993	\$69,489	17.00	3.54	79.18%	\$55,025
1992	\$55,608	17.00	3.01	82.29%	\$45,758
1991	\$39,909	17.00	2.57	84.87%	\$33,870
1990	\$25,503	17.00	2.21	87.00%	\$22,187
1989	\$22,083	17.00	1.92	88.73%	\$19,595
1988	\$10,049	17.00	1.68	90.10%	\$9,054
1987	\$3,945	17.00	1.52	91.07%	\$3,592
1986	\$1,788	17.00	1.24	92.73%	\$1,658
1985	\$837	17.00	1.07	93.69%	\$784
1984	\$236	17.00	0.93	94.50%	\$223
1983	\$87	17.00	0.82	95.20%	\$83
1982	\$22	17.00	0.72	95.79%	\$21
1981	\$4	17.00	0.63	96.32%	\$4
1980	\$1	17.00	0.51	97.01%	\$1
1979	\$0	17.00	0.74	95.62%	\$0
	<u>\$1,713,970</u>				<u>\$841,433</u>
	Net Salvage Adjustment		60%		<u>\$504,860</u>
					<u><u>\$1,346,292</u></u>

Big Sandy
Rural Electric Cooperative

Net Salvage Analysis

Year	Original Cost	Cost of Removal		Salvage		Net Salvage	
		Amount	Percent	Amount	Percent	Amount	Percent
1988	225,669		0%		0%	-	0%
1989	181,172		0%		0%	-	0%
1990	188,570		0%		0%	-	0%
1991	125,127		0%		0%	-	0%
1992	148,843		0%		0%	-	0%
1993	344,285		0%		0%	-	0%
1994	328,849		0%		0%	-	0%
1995	288,018		0%		0%	-	0%
1996	377,490	230,264	61%	81,100	21%	(149,164)	-40%
1997	346,639	242,229	70%	119,521	34%	(122,708)	-35%
1998	511,745	263,475	51%	132,068	26%	(131,407)	-26%
1999	378,309	558,452	148%	402,971	107%	(155,481)	-41%
2000	496,233	1,077,910	217%	163,449	33%	(914,461)	-184%
2001	319,824	984,555	308%	127,543	40%	(857,012)	-268%
2002	393,277	228,454	58%	113,044	29%	(115,410)	-29%
2003	332,458	246,561	74%	107,836	32%	(138,725)	-42%
2004	403,060	243,294	60%	109,120	27%	(134,174)	-33%
2005	700,948	293,197	42%	172,499	25%	(120,698)	-17%
2006	1,144,104	285,710	25%	139,725	12%	(145,985)	-13%
2007	890,068	353,327	40%	185,095	21%	(168,232)	-19%
Total	8,124,688	5,007,428	62%	1,853,971	23%	-3,153,457	-39%

Three Year Moving Averages

98 - 00	462,096	633,279	137%	232,829	50%	-400,450	-87%
99 - 01	398,122	873,639	219%	231,321	58%	-642,318	-161%
00 - 02	403,111	763,640	189%	134,679	33%	-628,961	-156%
01 - 03	348,520	486,523	140%	116,141	33%	-370,382	-106%
02 - 04	376,265	239,436	64%	110,000	29%	-129,436	-34%
03 - 05	478,822	261,017	55%	129,818	27%	-131,199	-27%
04 - 06	749,371	274,067	37%	140,448	19%	-133,619	-18%
05 - 07	911,707	310,745	34%	165,773	18%	-144,972	-16%

Five Year Average

2003 - 2007	694,128	284,418	41%	142,855	21%	-141,563	-20%
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Ten Year Average

98 - 2007	557,003	453,494	81%	165,335	30%	-288,159	-52%
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Big Sandy Rural Electric Cooperative
 Calculation of Net Salvage Percent
 as of December 31, 2007

<u>Account Number</u>	<u>Description</u>	<u>Balance Dec 31, 2006</u>	<u>Net Salvage Ratio</u>	<u>Net Salvage Amount</u>	<u>Ratio to Total</u>	<u>Net Salvage Allocation</u>	<u>Net Salvage Percentage</u>
362	Station Equipment	353,139	0%	0	0.00%	0	0.00%
364	Poles, Towers & Fixtures	10,895,983	75%	8,171,987	44.58%	63,113	0.58%
365	Overhead Conductors & Devices	9,754,932	70%	6,828,452	37.25%	52,737	0.54%
366	Underground Conduit	272,466	0%	0	0.00%	0	0.00%
367	Underground Conductors & Devices	230,082	60%	138,049	0.75%	1,066	0.46%
368	Line Transformers	5,435,368	0%	0	0.00%	0	0.00%
369	Services	3,936,218	55%	2,164,920	11.81%	16,720	0.42%
370	Meters	3,236,409	0%	0	0.00%	0	0.00%
371	Installations on Customers' Premises	1,710,704	60%	1,026,422	5.60%	7,927	0.46%
Total		<u>35,825,301</u>		<u>18,329,831</u>		<u>141,563</u>	
Five year average net salvage amount						<u>141,563</u>	

Big Sandy Rural Electric Cooperative
Adjust Rates with Net Salvage
as of December 31, 2007

Account Number	Description	Balance Dec 31, 2006	Average Service Life	No Net Salvage		Net Salvage Percent	With Net Salvage		Existing	
				Accrual	Rate		Rate	Accrual	Rate	Accrual
362	Station Equipment	353,139	15	23,543	6.67%	0.00%	6.67%	23,543	3.30%	11,654
364	Poles, Towers & Fixtures	10,895,983	24	453,999	4.17%	0.58%	4.75%	517,112	3.30%	359,567
365	Overhead Conductors & Devices	9,754,932	25	390,197	4.00%	0.54%	4.54%	442,934	3.30%	321,913
366	Underground Conduit	272,466	29	9,395	3.45%	0.46%	3.91%	10,658	3.30%	8,991
367	Underground Conductors & Devices	230,082	36	6,391	2.78%	0.00%	2.78%	6,391	3.30%	7,593
368	Line Transformers	5,435,368	43	126,404	2.33%	0.00%	2.33%	126,404	3.30%	179,367
369	Services	3,936,218	22	178,919	4.55%	0.42%	4.97%	195,639	3.30%	129,895
370	Meters	3,236,409	15	215,761	6.67%	0.00%	6.67%	215,761	3.30%	106,801
371	Installations on Customers' Premises	1,710,704	17	100,630	5.88%	0.46%	6.35%	108,557	3.30%	56,453
Total		35,825,301		1,481,696				1,623,455		1,170,581
								Compoiste rate	4.53%	3.27%

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 21

807 KAR 5:001 Section 16(4)(0)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

A list of all commercially available or in-house developed computer software, programs, and models used in the development of the schedules and work papers associated with the filing of the utility's application.

Response:

Please see the attached list of software programs used by Big Sandy for all financial information. Microsoft Word and Excel were used in preparation for the development of schedules associated with this application.

Listing of Computer Software, Programs, and Models Used in the Preparation of the Application				
Supplier	Software/Program/Model	Description & Use in Application	Hardware Specifications	Operating System Specifications
Microsoft	Microsoft 356 Excel, Word & Outlook 365	Prepare various analyses, schedules, testimony, and other narratives.	Intel Core i5-1335u @1.30Ghs, 16GB Ram, 512gb disk, Intel Core i5-3470 @3.2 Ghz 16GB Ram 900gb disk	Windows 11 Pro
Adobe Systems	Acrobat DC	Portable document formatting for Excel and Word Files; document creation and display.	Intel Core i7-9700 @3.00Ghs, 16GB Ram, 500gb disk,	Windows 10 Pro 64-bit
NISC	IVUE	Store and inquire on accounting and member billing and meter reading data.	Cloud Base.	Cloud base servers
Meridian	Meter Data Management	Meter data management system used to store and inquire on meter reading data.	Cloud Base	Cloud base servers

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 22

807 KAR 5:001 Section 16(4)(q)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

The annual report to shareholders or members and statistical supplements covering the two (2) most recent years from the utility's application filing date.

Response:

Please see attached annual report to members and related information.

Official Notice

2023

Big Sandy RECC Annual Meeting

THURSDAY, MAY 18

Registration: May 15-17
(online or in person)

Business Meeting: Thursday,
May 18, 10 a.m., virtual

Big Sandy RECC Headquarters
504 11th Street, Paintsville

Mountain Arts Center
50 Hal Rogers Drive, Prestonsburg

- Drive-thru bucket and bulb pick up at either the main office, Paintsville, or at the Mountain Arts Center, Prestonsburg



Bucket and bulbs

Come by and receive a bucket and bulbs. When you register you will be entered into our door prize drawing.



Big Sandy RECC

A Touchstone Energy Cooperative 



2022 Big Sandy RECC Cooperative YEAR IN REVIEW

ACTIVE ACCOUNTS

As of December 31, 2022

Floyd.....	5,662
Johnson.....	5,380
Martin.....	793
Knott.....	466
Lawrence.....	306
Breathitt.....	17
Morgan.....	12
Total.....	12,636

ACCOUNTS BILLED

2022.....12,636

AVERAGE KWH USAGE

(residential per month)

2022.....1,177

MILES OF LINE

2022.....1,030.8

CONSUMERS PER MILE

2022.....12.26

FOR INFORMATION AND INQUIRIES

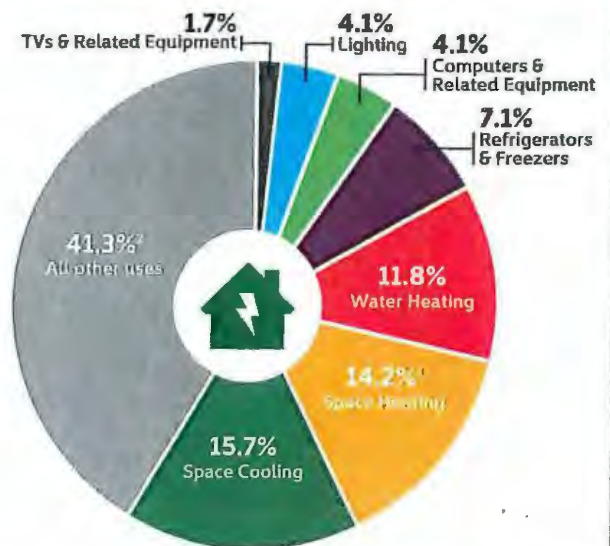
504 11th Street
Paintsville, KY 41240
(606) 789-4095
www.bigsandyrecc.com

SERVICE AREA



How Americans Use Electricity

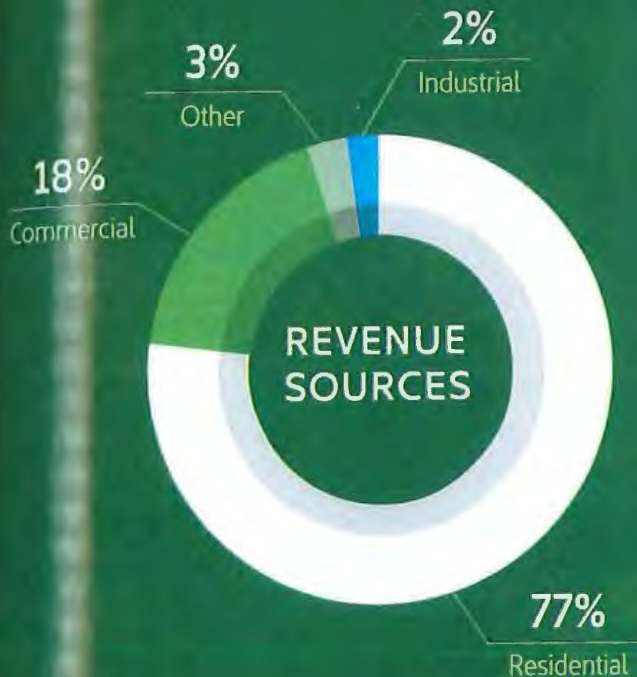
The latest data from the U.S. Energy Information Administration shows the combined use of clothes washers and dryers, dishwashers, small appliances and other electrical equipment (noted as "all other uses" below) accounts for the largest percentage of electricity consumption in American homes.



Source: Energy Information Administration 2021

¹Includes consumption for heat and operating furnace fans and boiler pumps.
²Includes miscellaneous appliances, clothes washers and dryers, stoves, dishwashers, heating elements, and motors.

FINANCIALS



STATEMENT OF OPERATIONS

As of December 31, 2022

Operating Revenue..... \$29,305,332

OPERATING EXPENSE

Purchased Power	\$20,333,030
Operating System.....	5,886,159
Depreciation.....	2,521,208
Taxes.....	29,260
Interest on Loans	672,533
Other Deductions	166,061
Total Cost of Electric Service	\$29,608,251
Operating Margins	\$(302,919)
Non-Operating Margins.....	304,649
G & T Capital Credits	323,975
Other Capital Credits	96,547
Patronage Capital and Margins	\$422,251

BALANCE SHEET

As of December 31, 2022

ASSETS

Total Utility Plant.....	\$61,108,688
Less Depreciation	27,673,092
Net Utility Plant	\$33,435,596
Investments in Associate Organization.....	\$22,636,887
Cash	990,752
Accounts and Notes Receivable	5,684,884
Inventory.....	474,246
Prepaid Expenses.....	22,480
Deferred Debits and Other Assets	1,040,740
Total Assets	\$64,285,586

LIABILITIES

Consumer Deposits.....	\$706,100
Membership and Other Equities	29,436,140
Long-Term Debt.....	24,109,321
Notes and Accounts Payable.....	5,133,763
Other Current Liabilities.....	4,900,262
Total Liabilities	\$64,285,586

AGENDA

Annual Meeting of Members of Big Sandy Rural Electric Cooperative

**Big Sandy RECC Headquarters and
Mountain Arts Center**

Registration: May 15-17

Business Meeting: Thursday, May 18,
10 a.m., virtual

The annual membership meeting of this co-op organizes to take action on the following matters:

1. Report on the number of members registered in order to determine the existence of a quorum.
2. Reading of the notice of the meeting and proof of the due publication or mailing thereof, or the waiver or waivers of notice of the meeting, as the case may be.
3. Reading of approved 2022 meeting of the members minutes and the taking of necessary action thereon.
4. Presentation and consideration of reports of officers, trustees and committees.
5. Report on the election of board members.
6. Unfinished business.
7. New business (or other business if properly raised).
8. Adjournment.



Bruce Aaron Davis
President & General
Manager



Danny Wallen
Chairman



Greg Davis
Vice Chairman



James Vanhose
Secretary-Treasurer



Jim McKenzie
Director



Velma May
Director



Gary Francis
Director



Jason Holbrook
Director



Michael Schmitt
Attorney

and lodging

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of Tourism

Official Notice

2022

BIG SANDY RECC ANNUAL MEETING

THURSDAY, MAY 19 • 10 A.M.

BIG SANDY RECC HEADQUARTERS AND MOUNTAIN ARTS CENTER

Registration: May 16–18 (online or in person)

- Drive-thru bucket and bulb pick up at either the main office at 504 11th St., Paintsville, or at the Mountain Arts Center, 50 Hal Rogers Drive, Prestonsburg

Business Meeting: May 19, 10 a.m.
Where: Streamed via Facebook Live



Come by and receive a bucket and bulbs. When you register you will be entered into our door prize drawing.



Big Sandy RECC


A Touchstone Energy Cooperative 



Photo: JREC

JREC

2021

BIG SANDY REY

ACTIVE ACCOUNTS

As of December 31, 2021

Floyd.....	5,711
Johnson.....	5,413
Martin.....	821
Lawrence.....	487
Knott.....	311
Morgan.....	17
Breathitt.....	12
TOTAL.....	12,772

ACCOUNTS BILLED

2021.....	12,772
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AVERAGE KWH USAGE

(residential per month)

2021.....	1,134.22
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MILES OF LINE

2021.....	1,034
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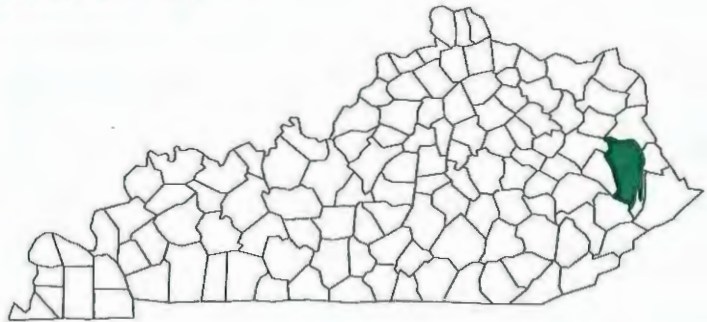
CONSUMERS PER MILE

2021.....	12.35
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FOR INFORMATION AND INQUIRIES

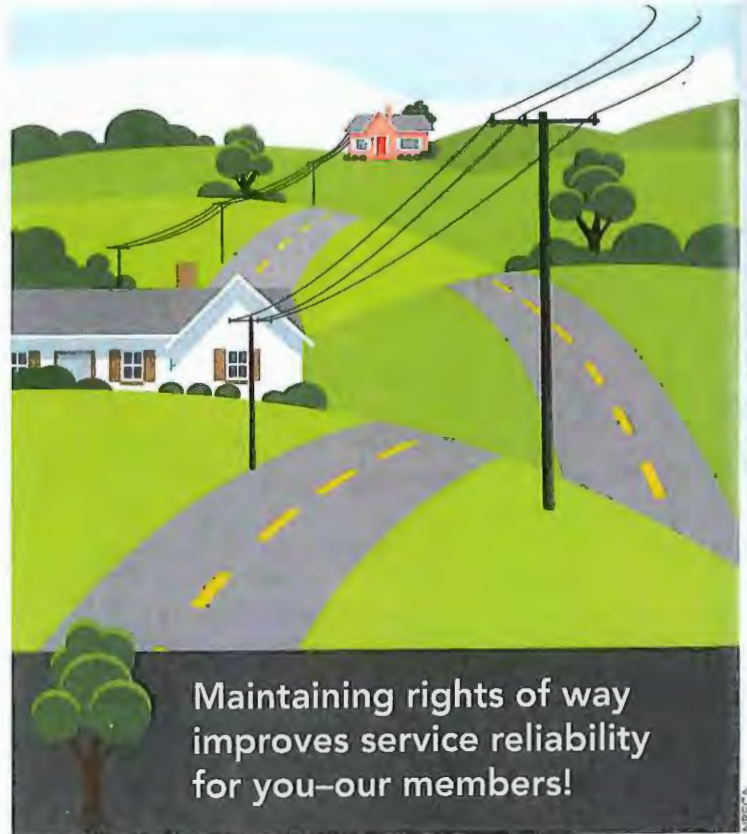
504 Eleventh Street
 Paintsville KY 41240
 606-789-4095
www.bigsandyrecc.com

SERVICE AREA



We clear certain areas in our service territory, known as rights of way, to:

- Keep power lines clear of tree limbs
- Restore power outages more quickly
- Reduce unexpected costs for repairs



Maintaining rights of way improves service reliability for you—our members!

INRECA

REYEAR IN REVIEW

STATEMENT OF OPERATIONS

As of December 31, 2021

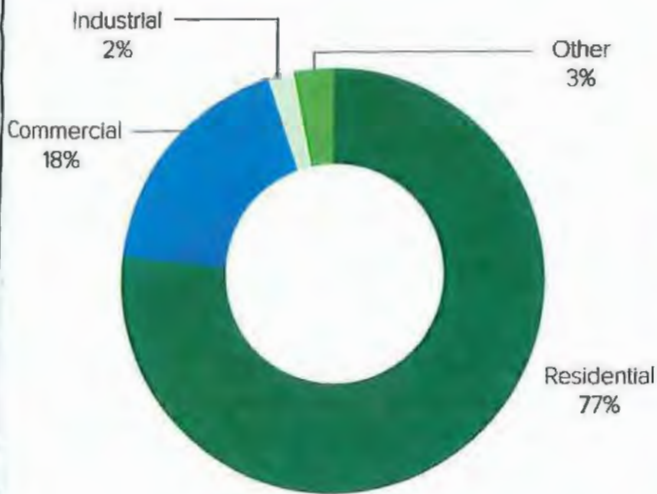
Operating Revenue\$24,765,423.68

OPERATING EXPENSE

Purchased Power\$16,128,723
 Operating System.....21,611,004.53
 Depreciation2,545,140.61
 Taxes.....32,349.24
 Interest on Loans669,184.06
 Other Deductions.....94,579.85
Total Cost of Electric Service \$24,965,855.59

Operating Margins(\$200,431.91)
 Non-Operating Margins210,360.06
 G & T Capital Credits209,736.88
 Other Capital Credits59,354.28
Total Operating Margins \$279,019.31

REVENUE SOURCES



BALANCE SHEET

As of December 31, 2021

ASSETS

Total Utility Plant.....\$59,297,745.67
 Less Depreciation26,566,189.37
 Net Utility Plant32,731,556.30
 Investments in Associate Organization\$22,972,521.31
 Cash.....3,637,433.45
 Accounts and Notes Receivable.....5,233,668.15
 Inventory.....307,289.89
 Prepaid Expenses26,631.55
 Deferred Debits and Other Assets50,493.98
Total Assets \$64,959,594.63

LIABILITIES

Consumer Deposits\$691,661.50
 Membership and Other Equities28,951,569.73
 Long-Term Debt25,285,909.87
 Notes and Accounts Payable9,462,585.74
 Other Current Liabilities567,867.79
Total Liabilities..... \$64,959,594.63

COMMUNITY-FOCUSED

Electric cooperatives are different than other types of energy providers.

- We are led by consumer-members just like you.
- We were built by the community we serve.
- We still belong to the community.



ice
to:



■ Big Sandy RECC board members, back row from left, President & General Manager Bruce Aaron Davis; Chairman Danny Wallen; Jason Holbrook; Gary Francis; Attorney Tyler Green. Front left, Secretary-Treasurer James Vanhoose; Jim McKenzie; Vice Chairman Greg Davis; and Velma May. Photo: Nathan Frisby

ANNUAL MEETING OF MEMBERS OF BIG SANDY RURAL ELECTRIC COOPERATIVE

Big Sandy RECC Headquarters and Mountain Arts Center

Registration: May 16–18 (online or in person)

Business Meeting: Thursday, May 19, 10 a.m., streamed via Facebook Live

The annual membership meeting of this co-op organizes to take action on the following matters:

1. Call to order
2. Invocation
3. Establish chairman for meeting
4. Welcome
5. Recognition of board of directors
6. Determine quorum present
7. Reading of the notice of meeting and proof of mailing
8. Approval of membership meeting held June 10, 2021
9. Comments and reports from Bruce A. Davis, Big Sandy RECC's president and GM
10. Unfinished business
11. New business
12. Adjournment

AGENDA

**Big Sandy Rural Electric Cooperative
Corporation Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 23

**807 KAR 5:001 Section 16(4)(r)
Sponsoring Witness: Robin Slone**

Description of Filing Requirements:

The monthly managerial reports providing financial results of operations for the twelve (12) months in the test period.

Response:

Please see attached monthly managerial reports.

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR DEC 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	29,306,999.90	26,562,169.02	28,928,379.58	2,667,831.13	3,120,999.46
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	20,333,030.00	17,827,633.00	20,338,762.02	1,680,340.00	2,417,355.27
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	1,254,744.94	1,371,665.15	1,208,037.36	246,868.87	100,669.78
7. Distribution Expense - Maintenance	1,788,521.86	2,426,455.93	2,043,569.04	-181,097.43	170,297.42
8. Customer Accounts Expense	1,149,634.89	1,114,799.80	961,903.92	111,164.28	80,158.66
9. Customer Service and Informational Expense	110,293.05	126,436.44	113,179.92	13,512.17	9,431.66
10. Sales Expense	184.97	39.00	1,200.12	0.00	100.01
11. Administrative and General Expense	1,582,779.45	1,607,354.77	1,136,593.68	121,990.99	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	26,219,189.16	24,474,384.09	25,803,246.06	1,992,778.88	2,872,728.94
13. Depreciation & Amortization Expense	2,521,208.41	2,629,279.95	2,481,107.04	229,824.79	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	29,260.24	25,965.58	30,879.00	2,076.74	2,573.25
16. Interest on Long-Term Debt	672,532.58	778,919.33	682,663.08	61,531.87	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	144,434.29	176,158.46	134,826.96	8,132.90	11,235.58
19. Other Deductions	21,626.70	14,009.99	27,000.00	396.79	2,250.00
20. Total Cost of Electric Service (12 thru 19)	29,608,251.38	28,098,717.40	29,159,722.14	2,294,741.97	3,152,435.28
21. Patronage Capital & Operating Margins (1 minus 20)	-301,251.48	-1,536,548.38	-231,342.56	373,089.16	-31,435.82
22. Non Operating Margins - Interest	227,364.41	297,572.03	219,999.96	26,637.25	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	77,284.54	141,739.89	0.00	2,927.86	0.00
26. Generation and Transmission Capital Credits	323,974.57	412,310.91	0.00	400,000.00	0.00
27. Other Capital Credits and Patronage Dividends	96,547.46	123,023.81	80,000.04	15,366.66	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	423,919.50	-561,901.74	68,657.44	818,020.93	-6,435.82
Operating - Margin	423,919.50	-564,829.60	68,657.44	815,093.07	-6,435.82
Non Operating - Margin	0.00	2,927.86	0.00	2,927.86	0.00
Times Interest Earned Ratio - Operating	0.55	-0.97			
Times Interest Earned Ratio - Net	1.63	0.28			
Times Interest Earned Ratio - Modified	1.01	-0.41			

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR DEC 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	60,715,193.08	63,219,156.83	2,503,963.75
2. Construction Work in Progress	393,494.87	643,915.70	250,420.83
3. Total Utility Plant (1 + 2)	61,108,687.95	63,863,072.53	2,754,384.58
4. Accum. Provision for Depreciation and Amort.	27,673,092.19	29,195,295.18	1,522,202.99
5. Net Utility Plant (3 - 4)	33,435,595.76	34,667,777.35	1,232,181.59
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	2,927.86	2,927.86
8. Invest. in Assoc. Org. - Patronage Capital	18,184,371.86	18,672,802.64	488,430.78
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	5,784,921.15	1,335,211.15
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,636,886.86	24,463,456.65	1,826,569.79
15. Cash - General Funds	987,439.85	495,914.95	-491,524.90
16. Cash - Construction Funds - Trustee	368.52	3,181.84	2,813.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,823.47	0.00	-2,823.47
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	3,169,634.95	2,557,248.72	-612,386.23
21. Accounts Receivable - Other (Net)	2,520,464.00	949,990.98	-1,570,473.02
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	472,234.76	621,849.08	149,614.32
24. Prepayments	22,480.14	14,705.62	-7,774.52
25. Other Current and Accrued Assets	36,792.74	55,219.67	18,426.93
26. Total Current and Accrued Assets (15 thru 25)	7,212,358.43	4,698,230.86	-2,514,127.57
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	1,003,948.62	787,424.85	-216,523.77
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	64,288,789.67	64,616,889.71	328,100.04

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General Ledger

Financial And Operating Report Electric Distribution

BALANCE SHEET FOR DEC 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	225,835.00	225,630.00	-205.00
31. Patronage Capital	29,757,035.20	29,998,113.78	241,078.58
32. Operating Margins - Prior Years	-59,354.28	364,565.22	423,919.50
33. Operating Margins - Current Year	423,919.50	-564,829.60	-988,749.10
34. Non-Operating Margins	118,708.56	-83,741.96	-202,450.52
35. Other Margins and Equities	-1,034,373.76	438,832.33	1,473,206.09
36. Total Margins & Equities (30 thru 35)	29,431,770.22	30,378,569.77	946,799.55
37. Long-Term Debt - RUS (Net)	932,022.67	5,682,276.65	4,750,253.98
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,177,299.29	22,171,076.07	-1,006,223.22
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,109,321.96	27,853,352.72	3,744,030.76
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,276,820.36	2,740,362.11	-1,536,458.25
46. Total Other Noncurrent Liabilities (44 + 45)	4,276,820.36	2,740,362.11	-1,536,458.25
47. Notes Payable	1,962,924.18	0.00	-1,962,924.18
48. Accounts Payable	3,170,838.50	2,412,639.91	-758,198.59
49. Consumers Deposits	709,350.00	748,805.00	39,455.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	628,479.88	471,495.29	-156,984.59
54. Total Current & Accrued Liabilities (47 thru 53)	6,471,592.56	3,632,940.20	-2,838,652.36
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	1,295.80	11,664.91	10,369.11
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	64,290,800.90	64,616,889.71	326,088.81
Current Assets To Current Liabilities	1.11 to 1	1.29 to 1	
Margins and Equities To Total Assets	45.78 %	47.01 %	
Long-Term Debt To Total Utility Plant	39.45 %	43.61 %	

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Dec-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.29 to 1
	44. Margins & equities as % of Assets.....	47.00%
	45. Long Term Debt as a % of Plant.....	43.61%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,595	16,579,269	\$ 2,126,302.78	284	11,593	145,961,213	\$ 20,081,723.48
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	871	805,216	\$ 124,024.14	74	873	8,713,749	\$ 1,411,877.76
5. Rate 51 (25 - 750 KVA)	161	1,912,283	\$ 208,255.28	5	160	23,101,429	\$ 2,532,134.08
6. Rate 61 (750 KVA & over)	7	715,292	\$ 68,099.13		8	9,339,796	\$ 945,641.23
7. Rate 61 Demand - 1000	1	228,498	\$ 20,795.25	0	1	1,185,996	\$ 119,009.41
8. Rate 71 1000 kw + 425k kwh	-	-	\$ -	0	0	-	\$ -
9. Rate 81	1	509,336	\$ 40,189.34	0	1	6,782,462	\$ 581,576.12
10. Total Sales of Electric Energy	12,636	20,749,892	2,587,665.92	363	12,636	195,084,645	\$ 25,671,962.08
11. Other Electric Revenue			79,885.21				\$ 889,846.94
12. Total (10 + 11)			2,667,551.13				\$ 26,561,809.02

PART E. KWH AND KW STATISTICS					
ITEM	THIS MONTH		ITEM	THIS MONTH	
	MONTH	YTD		MONTH	YTD
1. Net kwh Generated			6. Office Use	-	-
2. KWH Purchased	22,088,404	207,211,745	7. Total Unacct. For	1,338,512	12,127,100
3. Interchange KWH		-	8. % System Loss	6.1%	5.9%
4. Total KWH (1 thru 3)	22,088,404	207,211,745	9. Max Demand KW	39,949	54,940
			10. Month - Max Demand		11
5. TOTAL KWH SALES	20,749,892	195,084,645			

REVENUE SUMMARY WORKSHEET

Dec-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 434,484.65	\$ 19,788.56	\$ 16,956.01	3,400,876	77,636	1,895	3,731	153	(457.70)
Rate 12	\$ 23,270.48	\$ 2,098.98	\$ 1,005.10	197,894	8,127	183	130	3	(3.36)
Rate 13	\$ 726,827.65	\$ 19,337.20	\$ 31,187.34	6,318,441	74,457	1,846	3,748	50	(947.80)
Rate 14	\$ 92,135.17	\$ 3,743.24	\$ 3,757.23	755,051	14,972	357	656	20	(96.42)
Rate 16	\$ 649,274.89	\$ 18,779.04	\$ 27,903.46	5,651,226	68,596	1,828	3,299	58	(859.98)
Rate 17	\$ 268.83	\$ 2,179.94	\$ 58.40	-	11,993	195	31	-	0.00
Total - 440.10	\$ 1,926,261.67	\$ 65,926.96	\$ 80,867.54	16,323,488	255,781	6,304	11,595	284	(2,365.26)
Rate 21	\$ 113,483.95	\$ 3,498.89	\$ 3,927.57	788,083	17,133	270	871	74	(411.27)
Total - 442.10	\$ 113,483.95	\$ 3,498.89	\$ 3,927.57	788,083	17,133	270	871	74	(411.27)
Rate 51	\$ 185,022.43	\$ 5,457.67	\$ 9,306.00	1,886,680	25,603	390	161	5	(395.11)
Rate 61	\$ 83,963.03	\$ 344.81	\$ 4,586.54	942,116	1,672	25	8	-	(161.39)
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 37,651.94	\$ 52.35	\$ 2,485.05	509,100	236	4	1	-	-
Total - 442.20	\$ 306,637.40	\$ 5,854.83	\$ 16,377.59	3,337,896	27,511	419	170	5	(556.50)
GRAND TOTALS	\$ 2,346,383.02	\$ 75,280.68	\$ 101,172.70	20,449,467	300,425	6,993	12,636	363	(3,333.03)

TOTAL REVENUE \$ 2,522,836.40

Less: Enviro Watts \$ 49.50
Less: Enviromental Surcharge \$ 270,859.71

TOTAL REVENUE TO EKP \$ 2,251,927.19

Record Sales
 FJ # 19

DR 142.10	2,522,836.40
CR 440.10	2,073,056.17
CR 442.10	120,910.41
CR 442.20	328,869.82

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR NOV 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	25,998,514.14	23,894,337.89	25,807,380.12	2,394,966.57	2,478,074.96
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	17,916,356.00	16,147,293.00	17,921,406.75	1,657,183.00	1,780,728.86
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	1,139,836.00	1,124,796.28	1,107,367.58	127,022.39	100,669.78
7. Distribution Expense - Maintenance	1,591,742.64	2,607,553.36	1,873,271.62	178,264.55	170,297.42
8. Customer Accounts Expense	1,012,691.33	1,003,635.52	881,745.26	80,460.47	80,158.66
9. Customer Service and Informational Expense	102,692.40	112,924.27	103,748.26	11,654.07	9,431.66
10. Sales Expense	119.00	39.00	1,100.11	0.00	100.01
11. Administrative and General Expense	1,433,074.36	1,485,363.78	1,041,877.54	116,023.36	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	23,196,511.73	22,481,605.21	22,930,517.12	2,170,607.84	2,236,102.53
13. Depreciation & Amortization Expense	2,299,802.63	2,399,455.16	2,274,348.12	229,093.08	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	26,974.56	23,888.84	28,305.75	2,076.74	2,573.25
16. Interest on Long-Term Debt	616,452.50	717,387.46	625,774.49	63,126.20	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	129,713.59	168,025.56	123,591.38	16,569.00	11,235.58
19. Other Deductions	21,626.70	13,613.20	24,750.00	900.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	26,291,081.71	25,803,975.43	26,007,286.86	2,482,372.86	2,515,808.87
21. Patronage Capital & Operating Margins (1 minus 20)	-292,567.57	-1,909,637.54	-199,906.74	-87,406.29	-37,733.91
22. Non Operating Margins - Interest	208,710.94	270,934.78	201,666.63	39,821.77	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	138,812.03	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	96,547.46	107,657.15	73,333.37	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-377,572.29	-1,379,922.67	75,093.26	-47,584.52	-12,733.91
Operating - Margin	-377,572.29	-1,379,922.67	75,093.26	-47,584.52	-12,733.91
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	0.53	-1.66			
Times Interest Earned Ratio - Net	0.39	-0.92			
Times Interest Earned Ratio - Modified	0.86	-1.09			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	255	83	16. Miles Transmission		
2. Services Retired	158	59	16. Miles Distribution-overhead	1,030.74	1,033.93
3. Total Services in Place	16,680	16,540	17. Miles Distribution-underground		
4. Idle Services	-	3,178	18. Total Miles Energized(6+7)	1,030.74	1,033.93

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR NOV 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	60,479,635.47	62,960,289.96	2,480,654.49
2. Construction Work in Progress	346,885.88	592,740.28	245,854.40
3. Total Utility Plant (1 + 2)	60,826,521.35	63,553,030.24	2,726,508.89
4. Accum. Provision for Depreciation and Amort.	27,648,513.09	29,038,299.25	1,389,786.16
5. Net Utility Plant (3 - 4)	33,178,008.26	34,514,730.99	1,336,722.73
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	17,470,134.17	18,257,435.98	787,301.81
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	6,276,817.11	1,827,107.11
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	21,922,649.17	24,537,058.09	2,614,408.92
15. Cash - General Funds	1,406,877.17	460,641.64	-946,235.53
16. Cash - Construction Funds - Trustee	368.52	3,181.84	2,813.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,820.60	0.00	-2,820.60
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	3,012,034.56	2,323,779.36	-688,255.20
21. Accounts Receivable - Other (Net)	2,574,276.17	765,280.87	-1,808,995.30
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	463,344.96	596,522.78	133,177.82
24. Prepayments	38,644.98	34,014.14	-4,630.84
25. Other Current and Accrued Assets	18,367.55	36,793.90	18,426.35
26. Total Current and Accrued Assets (15 thru 25)	7,516,854.51	4,220,334.53	-3,296,519.98
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	165,326.68	647,898.25	482,571.57
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	62,782,838.62	63,920,021.86	1,137,183.24

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General Ledger
Financial And Operating Report Electric Distribution
BALANCE SHEET FOR NOV 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	225,200.00	226,665.00	1,465.00
31. Patronage Capital	29,761,016.88	30,002,728.89	241,712.01
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-377,572.29	-1,379,922.67	-1,002,350.38
34. Non-Operating Margins	59,354.28	-86,669.82	-146,024.10
35. Other Margins and Equities	-1,046,112.36	436,940.94	1,483,053.30
36. Total Margins & Equities (30 thru 35)	28,621,886.51	29,564,307.56	942,421.05
37. Long-Term Debt - RUS (Net)	940,693.16	5,691,172.22	4,750,479.06
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,334,464.21	22,333,998.21	-1,000,466.00
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,275,157.37	28,025,170.43	3,750,013.06
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,270,404.74	2,737,023.16	-1,533,381.58
46. Total Other Noncurrent Liabilities (44 + 45)	4,270,404.74	2,737,023.16	-1,533,381.58
47. Notes Payable	1,962,924.18	153,658.18	-1,809,266.00
48. Accounts Payable	2,364,949.34	2,269,036.66	-95,912.68
49. Consumers Deposits	702,950.00	747,720.00	44,770.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	583,270.68	411,440.96	-171,829.72
54. Total Current & Accrued Liabilities (47 thru 53)	5,614,094.20	3,581,855.80	-2,032,238.40
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	1,295.80	11,664.91	10,369.11
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	62,782,838.62	63,920,021.86	1,137,183.24
Current Assets To Current Liabilities	1.34 to 1	1.18 to 1	
Margins and Equities To Total Assets	45.59 %	46.25 %	
Long-Term Debt To Total Utility Plant	39.91 %	44.10 %	

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Nov-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.18 to 1
	44. Margins & equities as % of Assets.....	46.23%
	45. Long Term Debt as a % of Plant.....	44.10%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,584	14,092,067	\$ 1,886,492.49	291	11,593	129,381,944	\$ 17,957,540.91
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	872	724,422	\$ 112,417.13	80	874	7,908,533	\$ 1,267,543.42
5. Rate 51 (25 - 750 KVA)	161	1,899,203	\$ 188,147.58	5	160	21,189,146	\$ 2,322,148.79
6. Rate 61 (750 KVA & over)	7	681,332	\$ 70,794.68		8	8,624,504	\$ 877,542.10
7. Rate 61 Demand - 1000	1	207,016	\$ 20,952.32	0	1	957,500	\$ 98,214.16
8. Rate 71 1000 kw + 425k kwh	-	-	\$ -	0	0	-	\$ -
9. Rate 81	1	552,236	\$ 47,939.92	0	1	6,273,126	\$ 541,386.78
10. Total Sales of Electric Energy	12,626	18,156,276	2,326,744.12	376	12,637	174,334,753	\$ 23,084,376.16
11. Other Electric Revenue			68,222.43				\$ 809,961.73
12. Total (10 + 11)			2,394,966.55				\$ 23,894,337.89

PART E. KWH AND KW STATISTICS									
ITEM	THIS MONTH		YTD		ITEM	THIS MONTH		YTD	
1. Net kwh Generated					6. Office Use	-		-	
2. KWH Purchased	18,775,325			185,123,341	7. Total Unacct. For	619,049		10,788,588	
3. Interchange KWH				-	8. % System Loss	3.3%		5.8%	
4. Total KWH (1 thru 3)	18,775,325			185,123,341	9. Max Demand KW	54,940		54,940	
5. TOTAL KWH SALES	18,156,276			174,334,753	10. Month - Max Demand				11

REVENUE SUMMARY WORKSHEET

Nov-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 388,234.40	\$ 19,789.12	\$ 38,519.53	2,923,980	77,977	1,895	3,734	146	(368.80)
Rate 12	\$ 18,070.77	\$ 2,087.26	\$ 1,974.88	145,715	8,153	181	129	4	(2.71)
Rate 13	\$ 623,790.71	\$ 19,307.47	\$ 68,508.61	5,261,594	74,409	1,836	3,733	61	(754.67)
Rate 14	\$ 83,428.69	\$ 3,768.58	\$ 8,715.68	663,684	15,083	356	657	22	(76.54)
Rate 16	\$ 570,554.08	\$ 18,810.69	\$ 63,029.59	4,840,822	68,657	1,824	3,300	58	(684.65)
Rate 17	\$ 271.19	\$ 2,179.94	\$ 154.04	-	11,993	195	31	-	0.00
Total - 440.10	\$ 1,684,349.84	\$ 65,943.06	\$ 180,902.33	13,835,795	256,272	6,287	11,584	291	(1,887.37)
Rate 21	\$ 108,175.82	\$ 3,516.78	\$ 9,297.69	707,220	17,202	270	872	80	(333.26)
Total - 442.10	\$ 108,175.82	\$ 3,516.78	\$ 9,297.69	707,220	17,202	270	872	80	(333.26)
Rate 51	\$ 189,308.37	\$ 5,455.79	\$ 24,316.74	1,873,608	25,595	390	161	5	(319.34)
Rate 61	\$ 80,035.56	\$ 344.81	\$ 11,366.63	886,676	1,672	25	8	-	(130.21)
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 40,799.06	\$ 52.35	\$ 7,088.51	552,000	236	4	1	-	-
Total - 442.20	\$ 310,142.99	\$ 5,852.95	\$ 42,771.88	3,312,284	27,503	419	170	5	(449.55)
GRAND TOTALS	\$ 2,102,668.65	\$ 75,312.79	\$ 232,971.90	17,855,299	300,977	6,976	12,626	376	(2,670.18)

TOTAL REVENUE \$ 2,410,953.34

Less: Enviro Watts \$ 49.50
 Less: Environmental Surcharge \$ 251,233.31

TOTAL REVENUE TO EKP \$ 2,159,670.53

Record Sales
 FJ # 19

DR 142.10	2,410,953.34
CR 440.10	1,931,195.23
CR 442.10	120,990.29
CR 442.20	358,767.82

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR OCT 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	23,474,933.68	21,499,371.32	23,329,305.16	1,767,558.04	2,166,491.30
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	16,136,129.00	14,490,110.00	16,140,677.89	1,140,067.00	1,504,326.96
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
Regional Market Expense	0.00	0.00	0.00	0.00	0.00
Distribution Expense - Operation	1,058,676.80	997,773.89	1,006,697.80	126,176.05	100,669.78
7. Distribution Expense - Maintenance	1,327,724.52	2,429,288.81	1,702,974.20	177,795.52	170,297.42
8. Customer Accounts Expense	936,761.25	923,175.05	801,586.60	77,643.22	80,158.66
9. Customer Service and Informational Expense	92,093.00	101,270.20	94,316.60	9,526.19	9,431.66
10. Sales Expense	119.00	39.00	1,000.10	0.00	100.01
11. Administrative and General Expense	1,292,103.13	1,369,340.42	947,161.40	177,902.27	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	20,843,606.70	20,310,997.37	20,694,414.59	1,709,110.25	1,959,700.63
13. Depreciation & Amortization Expense	2,079,354.82	2,170,362.08	2,067,589.20	225,068.06	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	24,688.88	21,812.10	25,732.50	2,076.74	2,573.25
16. Interest on Long-Term Debt	562,182.75	654,261.26	568,885.90	67,676.71	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	113,705.98	151,456.56	112,355.80	7,771.79	11,235.58
19. Other Deductions	20,926.70	12,713.20	22,500.00	1,350.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	23,644,465.83	23,321,602.57	23,491,477.99	2,013,053.55	2,239,406.97
Patronage Capital & Operating Margins (1 minus 20)	-169,532.15	-1,822,231.25	-162,172.83	-245,495.51	-72,915.67
22. Non Operating Margins - Interest	190,009.06	231,113.01	183,333.30	27,559.47	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	138,812.03	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	95,483.46	107,657.15	66,666.70	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-274,302.75	-1,332,338.15	87,827.17	-217,936.04	-47,915.67
Operating - Margin	-274,302.75	-1,332,338.15	87,827.17	-217,936.04	-47,915.67
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	0.70	-1.79			
Times Interest Earned Ratio - Net	0.51	-1.04			
Times Interest Earned Ratio - Modified	1.04	-1.22			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	205	65	5. Miles Transmission		
2. Services Retired	139	54	6. Miles Distribution-overhead	1,020.00	1,033.56
3. Total Services in Place	16,679	19,927	7. Miles Distribution-underground		
4. Idle Services	2,550	3,164	8. Total Miles Energized(S+6+7)	1,030.00	1,033.56

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR OCT 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	60,328,138.63	62,735,576.17	2,407,437.54
2. Construction Work in Progress	307,831.94	517,228.62	209,396.68
3. Total Utility Plant (1 + 2)	60,635,970.57	63,252,804.79	2,616,834.22
4. Accum. Provision for Depreciation and Amort.	27,518,448.62	28,844,073.28	1,325,624.66
5. Net Utility Plant (3 - 4)	33,117,521.95	34,408,731.51	1,291,209.56
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,180,498.21	18,257,435.98	76,937.77
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	6,755,502.01	2,305,792.01
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,633,013.21	25,015,742.99	2,382,729.78
15. Cash - General Funds	1,644,873.40	353,687.11	-1,291,186.29
16. Cash - Construction Funds - Trustee	368.52	3,181.84	2,813.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,818.49	0.00	-2,818.49
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	2,656,529.52	1,712,831.05	-943,698.47
21. Accounts Receivable - Other (Net)	2,452,077.09	903,203.11	-1,548,873.98
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	411,326.23	599,228.65	187,902.42
24. Prepayments	54,864.85	52,971.06	-1,893.79
25. Other Current and Accrued Assets	-57.64	18,368.13	18,425.77
26. Total Current and Accrued Assets (15 thru 25)	7,222,920.46	3,643,590.95	-3,579,329.51
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	124,133.08	736,868.59	612,735.51
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	63,097,588.70	63,804,934.04	707,345.34

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General Ledger

Financial And Operating Report Electric Distribution

BALANCE SHEET FOR OCT 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,265.00	226,560.00	2,295.00
31. Patronage Capital	29,765,227.69	30,005,357.49	240,129.80
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-274,302.75	-1,332,338.15	-1,058,035.40
4. Non-Operating Margins	0.00	-86,669.82	-86,669.82
35. Other Margins and Equities	-1,058,127.96	435,091.32	1,493,219.28
36. Total Margins & Equities (30 thru 35)	28,716,416.26	29,612,566.06	896,149.80
37. Long-Term Debt - RUS (Net)	949,372.29	5,700,106.41	4,750,734.12
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,420,354.97	22,420,816.51	-999,538.46
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,369,727.26	28,120,922.92	3,751,195.66
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,265,980.69	2,737,230.78	-1,528,749.91
46. Total Other Noncurrent Liabilities (44 + 45)	4,265,980.69	2,737,230.78	-1,528,749.91
47. Notes Payable	2,449,365.00	153,658.18	-2,295,706.82
48. Accounts Payable	1,989,417.83	1,831,722.55	-157,695.28
9. Consumers Deposits	693,725.00	742,370.00	48,645.00
J. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	611,660.86	594,798.64	-16,862.22
54. Total Current & Accrued Liabilities (47 thru 53)	5,744,168.69	3,322,549.37	-2,421,619.32
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	1,295.80	11,664.91	10,369.11
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	63,097,588.70	63,804,934.04	707,345.34
Current Assets To Current Liabilities	1.26 to 1	1.10 to 1	
Margins and Equities To Total Assets	45.51 %	46.41 %	
Long-Term Debt To Total Utility Plant	40.19 %	44.46 %	

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	MONTH ENDING: Oct-23
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PART C. BALANCE SHEET

	43. Current Assets to Current Liability Ratio.....	1.10 to 1
	44. Margins & equities as % of Assets.....	46.41%
	45. Long Term Debt as a % of Plant.....	44.46%

PART D. CONSUMER SALES AND REVENUE DATA

CLASS OF SERVICE	THIS MONTH				YEAR-TO-DATE		
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,561	8,806,086	\$ 1,263,750.82	295	11,594	115,289,877	\$ 16,071,048.42
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	873	611,387	\$ 103,941.86	71	874	7,184,111	\$ 1,175,126.29
5. Rate 51 (25 - 750 KVA)	161	1,793,990	\$ 199,766.02	3	160	19,289,943	\$ 2,134,001.21
6. Rate 61 (750 KVA & over)	7	640,612	\$ 65,755.46		8	7,943,172	\$ 806,747.42
7. Rate 61 Demand - 1000	1	197,836	\$ 20,141.49	0	1	750,484	\$ 77,261.84
8. Rate 71 1000 kw + 425k kwh	-	-	\$ -	0	0	-	\$ -
9. Rate 81	1	572,936	\$ 49,033.27	0	1	5,720,890	\$ 493,446.86
10. Total Sales of Electric Energy	12,604	12,622,847	1,702,388.92	369	12,638	156,178,477	\$ 20,757,632.04
11. Other Electric Revenue			65,169.12				\$ 741,739.30
12. Total (10 + 11)			1,767,558.04				\$ 21,499,371.34

PART E. KWH AND KW STATISTICS

ITEM	THIS MONTH		YTD	ITEM	THIS MONTH		YTD
1. Net kwh Generated				6. Office Use			
2. KWH Purchased	13,930,902		166,348,016	7. Total Unacct. For	1,308,055		10,169,539
3. Interchange KWH			-	8. % System Loss	9.4%		6.1%
4. Total KWH (1 thru 3)	13,930,902		166,348,016	9. Max Demand KW	24,797		53,808
5. TOTAL KWH SALES	12,622,847		156,178,477	10. Month - Max Demand			2

REVENUE SUMMARY WORKSHEET

Oct-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 289,415.16	\$ 19,763.17	\$ 28,589.06	2,000,465	78,382	1,923	3,737	152	(202.54)
Rate 12	\$ 10,995.06	\$ 2,077.13	\$ 1,175.87	77,328	8,132	180	129	5	0.00
Rate 13	\$ 407,078.03	\$ 19,150.10	\$ 45,078.67	3,201,852	74,424	1,881	3,708	58	(372.73)
Rate 14	\$ 59,758.12	\$ 3,711.57	\$ 6,257.00	439,850	14,876	372	659	18	(43.63)
Rate 16	\$ 360,870.98	\$ 18,855.83	\$ 39,888.35	2,829,847	68,937	1,902	3,297	62	(287.66)
Rate 17	\$ 234.49	\$ 2,179.94	\$ 164.91	-	11,993	195	31	-	0.00
Total - 440.10	\$ 1,128,351.84	\$ 65,737.74	\$ 121,153.86	8,549,342	256,744	6,453	11,561	295	(906.56)
Rate 21	\$ 95,786.44	\$ 3,481.37	\$ 8,410.62	594,297	17,090	271	873	71	(13.89)
Total - 442.10	\$ 95,786.44	\$ 3,481.37	\$ 8,410.62	594,297	17,090	271	873	71	(13.89)
Rate 51	\$ 178,473.68	\$ 5,407.25	\$ 24,619.17	1,768,533	25,457	388	161	3	-
Rate 61	\$ 74,042.35	\$ 344.81	\$ 11,509.79	836,776	1,672	25	8	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 41,097.31	\$ 52.35	\$ 7,883.61	572,700	236	4	1	-	-
Total - 442.20	\$ 293,613.34	\$ 5,804.41	\$ 44,012.57	3,178,009	27,365	417	170	3	0.00
GRAND TOTALS	\$ 1,517,751.62	\$ 75,023.52	\$ 173,577.05	12,321,648	301,199	7,141	12,604	369	(920.45)

TOTAL REVENUE \$ 1,766,352.19

Less: Enviro Watts \$ 49.50
 Less: Enviromental Surcharge \$ 161,394.60

TOTAL REVENUE TO EKP \$ 1,604,908.09

Record Sales
 FJ # 19

DR 142.10	1,766,352.19
CR 440.10	1,315,243.44
CR 442.10	107,678.43
CR 442.20	343,430.32

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR SEP 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	21,260,652.59	19,731,813.28	21,162,813.86	1,895,039.07	1,916,797.44
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	14,632,226.00	13,350,043.00	14,636,350.93	1,286,014.00	1,387,107.92
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	942,356.94	871,597.84	906,028.02	66,005.66	100,669.78
7. Distribution Expense - Maintenance	1,181,202.64	2,231,493.29	1,532,676.78	269,188.33	170,297.42
8. Customer Accounts Expense	843,412.26	845,531.83	721,427.94	89,515.47	80,158.66
9. Customer Service and Informational Expense	80,894.81	91,744.01	84,884.94	10,933.62	9,431.66
10. Sales Expense	119.00	39.00	900.09	0.00	100.01
11. Administrative and General Expense	1,165,560.13	1,191,438.15	852,445.26	112,720.21	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	18,845,771.78	18,601,887.12	18,734,713.96	1,834,377.29	1,842,481.59
13. Depreciation & Amortization Expense	1,859,315.25	1,945,294.02	1,860,830.28	220,693.47	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	22,403.20	19,735.36	23,159.25	2,076.74	2,573.25
16. Interest on Long-Term Debt	501,327.05	586,584.55	511,997.31	62,292.91	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	99,198.76	143,684.77	101,120.22	8,189.97	11,235.58
19. Other Deductions	20,576.70	11,363.20	20,250.00	300.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	21,348,592.74	21,308,549.02	21,252,071.02	2,127,930.38	2,122,187.93
21. Patronage Capital & Operating Margins (1 minus 20)	-87,940.15	-1,576,735.74	-89,257.16	-232,891.31	-205,390.49
22. Non Operating Margins - Interest	171,415.91	203,553.54	164,999.97	36,919.74	18,533.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	158,812.03	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	95,483.46	107,637.15	60,000.03	73,184.43	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-211,303.90	-1,114,402.11	135,742.84	-122,787.14	-180,390.49
Operating - Margin	-211,303.90	-1,114,402.11	135,742.84	-122,787.14	-180,390.49
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	0.82	-1.69			
Times Interest Earned Ratio - Net	0.58	-0.90			
Times Interest Earned Ratio - Modified	1.17	-1.10			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	213	67	15. Miles Transmission		
2. Services Retired	140	56	16. Miles Distribution-overhead	1,030.43	1,031.98
3. Total Services in Place	16,668	16,922	17. Miles Distribution-underground		
4. Idle Services	2,884	3,188	18. Total Miles Emergence(5-6+7)	1,030.43	1,031.98

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR SEP 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	60,196,512.79	61,798,180.84	1,601,668.05
2. Construction Work in Progress	299,150.37	1,192,816.09	893,665.72
3. Total Utility Plant (1 + 2)	60,495,663.16	62,990,996.93	2,495,333.77
4. Accum. Provision for Depreciation and Amort.	27,354,473.19	28,871,864.88	1,517,391.69
5. Net Utility Plant (3 - 4)	33,141,189.97	34,119,132.05	977,942.08
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,180,498.21	18,257,435.98	76,937.77
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	6,746,448.23	2,296,738.23
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,633,013.21	25,006,689.21	2,373,676.00
15. Cash - General Funds	1,188,481.69	626,032.80	-562,448.89
16. Cash - Construction Funds - Trustee	368.52	3,181.84	2,813.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,816.67	0.00	-2,816.67
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	2,487,609.92	1,862,673.91	-624,936.01
21. Accounts Receivable - Other (Net)	2,926,481.34	862,486.67	-2,063,994.67
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	397,673.50	728,989.60	331,316.10
24. Prepayments	42,025.83	43,046.72	1,020.89
25. Other Current and Accrued Assets	-18,415.58	-57.64	18,357.94
26. Total Current and Accrued Assets (15 thru 25)	7,027,161.89	4,126,473.90	-2,900,687.99
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	104,738.66	811,425.02	706,686.36
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	62,906,103.73	64,063,720.18	1,157,616.45

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General Ledger Financial And Operating Report Electric Distribution

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BALANCE SHEET FOR SEP 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,535.00	226,615.00	2,080.00
31. Patronage Capital	29,781,396.31	30,011,440.47	230,044.16
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-211,303.90	-1,114,402.11	-903,098.21
34. Non-Operating Margins	0.00	-86,669.82	-86,669.82
35. Other Margins and Equities	-1,073,348.82	432,744.37	1,506,093.19
36. Total Margins & Equities (30 thru 35)	28,780,632.87	29,834,293.13	1,053,660.26
37. Long-Term Debt - RUS (Net)	958,335.57	5,708,962.72	4,750,627.15
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,421,104.55	22,420,775.29	-1,000,329.26
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,379,440.12	28,129,738.01	3,750,297.89
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,260,520.71	2,736,404.95	-1,524,115.76
46. Total Other Noncurrent Liabilities (44 + 45)	4,260,520.71	2,736,404.95	-1,524,115.76
47. Notes Payable	2,449,365.00	153,658.18	-2,295,706.82
48. Accounts Payable	1,718,122.82	1,942,934.67	224,811.85
49. Consumers Deposits	684,650.00	738,220.00	53,570.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	632,076.41	516,806.33	-115,270.08
54. Total Current & Accrued Liabilities (47 thru 53)	5,484,214.23	3,351,619.18	-2,132,595.05
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	1,295.80	11,664.91	10,369.11
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	62,906,103.73	64,063,720.18	1,157,616.45
Current Assets To Current Liabilities	1.28 to 1	1.23 to 1	
Margins and Equities To Total Assets	45.75 %	46.57 %	
Long-Term Debt To Total Utility Plant	40.30 %	44.66 %	

FINANCIAL AND STATISTICAL REPORT

KENTUCKY 58 FLOYD
MONTH ENDING:

Sep-23

PART C. BALANCE SHEET

43. Current Assets to Current Liability Ratio.....	1.23 to 1
44. Margins & equities as % of Assets.....	46.57%
45. Long Term Debt as a % of Plant.....	44.66%

PART D. CONSUMER SALES AND REVENUE DATA

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,686	9,523,490	\$ 1,375,772.58	295	11,587	106,483,791	\$ 14,807,297.60
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	877	672,428	\$ 109,120.62	71	874	6,572,724	\$ 1,071,184.43
5. Rate 51 (25 - 750 KVA)	161	1,946,531	\$ 213,977.93	3	160	17,495,953	\$ 1,934,235.19
6. Rate 61 (750 KVA & over)	8	826,940	\$ 83,476.46		8	7,302,560	\$ 740,991.96
7. Rate 61 Demand - 1000	-		\$ -	0	1	552,648	\$ 57,120.35
8. Rate 71 1000 kw + 425k kwh	-		\$ -	0	0	-	\$ -
9. Rate 81	1	531,536	\$ 37,838.98	0	1	5,147,954	\$ 444,413.59
10. Total Sales of Electric Energy	12,733	13,500,925	1,820,186.57	369	12,631	143,555,630	\$ 19,055,243.12
11. Other Electric Revenue			74,852.51				\$ 676,570.18
12. Total (10 + 11)			1,895,039.08				\$ 19,731,813.30

PART E. KWH AND KW STATISTICS

ITEM	THIS MONTH	YTD	ITEM	THIS MONTH	YTD
1. Net kwh Generated			6. Office Use	-	-
2. KWH Purchased	14,408,761	152,417,114	7. Total Unacct. For	907,836	8,861,484
3. Interchange KWH		-	8. % System Loss	6.3%	5.8%
4. Total KWH (1 thru 3)	14,408,761	152,417,114	9. Max Demand KW	38,085	53,808
5. TOTAL KWH SALES	13,500,925	143,555,630	10. Month - Max Demand		2

REVENUE SUMMARY WORKSHEET

Sep-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 320,919.49	\$ 19,724.23	\$ 29,191.90	2,300,978	78,069	1,892	3,774	152	(138.03)
Rate 12	\$ 11,933.01	\$ 2,077.13	\$ 1,161.70	86,525	8,028	180	130	5	0.00
Rate 13	\$ 443,683.01	\$ 18,947.49	\$ 44,459.44	3,546,769	73,524	1,818	3,744	58	(303.61)
Rate 14	\$ 62,496.33	\$ 3,723.94	\$ 5,901.90	465,431	14,946	355	661	18	(34.90)
Rate 16	\$ 366,814.01	\$ 18,891.34	\$ 36,065.87	2,868,427	68,857	1,823	3,345	62	(306.47)
Rate 17	\$ 236.65	\$ 2,184.69	\$ 146.75	-	11,936	195	32	-	(0.90)
Total - 440.10	\$ 1,206,082.50	\$ 65,548.82	\$ 116,927.56	9,268,130	255,360	6,263	11,686	295	(783.91)
Rate 21	\$ 98,292.32	\$ 3,583.17	\$ 8,259.29	655,127	17,301	272	877	71	(15.97)
Total - 442.10	\$ 98,292.32	\$ 3,583.17	\$ 8,259.29	655,127	17,301	272	877	71	(15.97)
Rate 51	\$ 187,912.95	\$ 5,317.22	\$ 23,863.94	1,921,682	24,849	381	161	3	-
Rate 61	\$ 73,001.34	\$ 344.81	\$ 10,130.31	825,296	1,644	24	8	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 31,256.17	\$ 52.35	\$ 6,530.46	531,300	236	4	1	-	-
Total - 442.20	\$ 292,170.46	\$ 5,714.38	\$ 40,524.71	3,278,278	26,729	409	170	3	0.00
GRAND TOTALS	\$ 1,596,545.28	\$ 74,846.37	\$ 165,711.56	13,201,535	299,390	6,944	12,733	369	(799.88)

TOTAL REVENUE \$ 1,837,103.21

Less: Enviro Watts \$ 49.50
Less: Enviromental Surcharge \$ 169,530.09

TOTAL REVENUE TO EKP \$ 1,667,523.62

Record Sales
FJ # 19

DR 142.10	1,837,103.21
CR 440.10	1,388,558.88
CR 442.10	110,134.78
CR 442.20	338,409.55

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR AUG 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	19,289,600.80	17,836,774.21	19,246,016.42	2,295,172.22	2,564,543.81
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	13,245,509.00	12,064,029.00	13,249,243.01	1,579,472.00	1,698,334.64
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	856,169.22	805,592.18	805,358.24	100,723.32	100,669.78
7. Distribution Expense - Maintenance	1,764,588.90	1,982,304.96	1,362,379.36	301,827.03	170,297.42
8. Customer Accounts Expense	749,850.80	756,016.36	641,269.28	91,261.65	80,158.66
9. Customer Service and Informational Expense	75,377.96	80,810.39	75,453.28	9,874.27	9,431.66
10. Sales Expense	119.00	39.00	800.08	0.00	100.01
11. Administrative and General Expense	1,023,729.81	1,078,717.94	757,729.12	139,385.35	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	17,715,344.69	16,767,509.83	16,892,232.37	2,222,543.62	2,153,708.31
13. Depreciation & Amortization Expense	1,639,695.24	1,724,600.55	1,654,071.36	223,649.08	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	20,117.52	17,658.62	20,586.00	2,076.74	2,573.25
16. Interest on Long-Term Debt	440,442.22	524,291.64	455,108.72	66,668.24	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	85,246.23	135,494.80	89,884.64	19,123.19	11,235.58
19. Other Deductions	19,076.70	11,063.20	18,000.00	500.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	19,919,922.60	19,180,618.64	19,129,883.09	2,534,560.87	2,433,414.65
21. Patronage Capital & Operating Margins (1 minus 20)	-630,321.80	-1,343,844.43	116,133.33	-239,388.65	131,129.16
22. Non Operating Margins - Interest	152,777.65	166,633.80	146,666.64	30,509.14	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	138,812.03	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	77,258.74	34,472.72	53,333.36	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-790,548.53	-991,614.97	316,133.33	-208,879.51	156,129.16
Operating - Margin	-790,548.53	-991,614.97	316,133.33	-208,879.51	156,129.16
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	-0.43	-1.56			
Times Interest Earned Ratio - Net	-0.79	-0.89			
Times Interest Earned Ratio - Modified	-0.08	-0.98			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	205	52	15. Miles Transmission		
2. Services Retired	130	53	16. Miles Distribution-overhead	1,030.46	1,032.00
3. Total Services in Place	16,675	16,615	17. Miles Distribution-underground		
4. Idle Services	2,850	3,140	18. Total Miles Energized(5-9+7)	1,030.46	1,032.00

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR AUG 2023

	<u>Last Year</u>	<u>This Year</u>	<u>Variance</u>
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	60,060,923.33	61,544,961.99	1,484,038.66
2. Construction Work in Progress	249,890.26	1,189,057.04	939,166.78
3. Total Utility Plant (1 + 2)	60,310,813.59	62,734,019.03	2,423,205.44
4. Accum. Provision for Depreciation and Amort.	27,209,549.26	28,671,446.86	1,461,897.60
5. Net Utility Plant (3 - 4)	33,101,264.33	34,062,572.17	961,307.84
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,177,402.13	18,211,146.64	33,744.51
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	7,321,448.23	2,871,738.23
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,629,917.13	25,535,399.87	2,905,482.74
15. Cash - General Funds	1,567,716.35	323,903.71	-1,243,812.64
16. Cash - Construction Funds - Trustee	368.52	3,181.84	2,813.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,815.71	0.00	-2,815.71
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	3,176,663.45	2,188,114.28	-988,549.17
21. Accounts Receivable - Other (Net)	2,132,923.69	848,795.07	-1,284,128.62
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	409,552.30	672,518.06	262,965.76
24. Prepayments	59,344.74	39,435.97	-19,908.77
25. Other Current and Accrued Assets	73,719.96	73,652.73	-67.23
26. Total Current and Accrued Assets (15 thru 25)	7,423,224.72	4,149,721.66	-3,273,503.06
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	78,701.57	833,102.79	754,401.22
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	63,233,107.75	64,580,796.49	1,347,688.74

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR AUG 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,490.00	226,515.00	2,025.00
31. Patronage Capital	29,789,995.03	30,015,690.24	225,695.21
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-790,548.53	-991,614.97	-201,066.44
34. Non-Operating Margins	0.00	-86,669.82	-86,669.82
35. Other Margins and Equities	-1,086,625.39	430,843.91	1,517,469.30
36. Total Margins & Equities (30 thru 35)	28,196,665.39	29,959,329.58	1,762,664.19
37. Long-Term Debt - RUS (Net)	967,156.24	5,725,960.93	4,758,804.69
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,581,334.11	22,582,730.19	-998,603.92
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,548,490.35	28,308,691.12	3,760,200.77
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,253,836.76	2,735,320.04	-1,518,516.72
46. Total Other Noncurrent Liabilities (44 + 45)	4,253,836.76	2,735,320.04	-1,518,516.72
47. Notes Payable	2,449,365.00	153,658.18	-2,295,706.82
48. Accounts Payable	2,170,869.04	2,135,525.39	-35,343.65
49. Consumers Deposits	806,650.00	729,520.00	-77,130.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	805,935.41	547,087.27	-258,848.14
54. Total Current & Accrued Liabilities (47 thru 53)	6,232,819.45	3,565,790.84	-2,667,028.61
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	1,295.80	11,664.91	10,369.11
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	63,233,107.75	64,580,796.49	1,347,688.74
Current Assets To Current Liabilities	1.19	1.16	
	to 1	to 1	
Margins and Equities To Total Assets	44.59	46.39	
	%	%	
Long-Term Debt To Total Utility Plant	40.70	45.12	
	%	%	

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Aug-23

PART C. BALANCE SHEET

43. Current Assets to Current Liability Ratio.....	1.16 to 1
44. Margins & equities as % of Assets.....	46.39%
45. Long Term Debt as a % of Plant.....	45.12%

PART D. CONSUMER SALES AND REVENUE DATA

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,564	12,111,596	\$ 1,712,899.83	295	11,587	96,960,301	\$ 13,431,525.02
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	872	770,488	\$ 124,272.10	71	874	5,900,296	\$ 962,063.81
5. Rate 51 (25 - 750 KVA)	161	2,237,764	\$ 255,083.80	3	160	15,549,422	\$ 1,720,257.26
6. Rate 61 (750 KVA & over)	8	889,220	\$ 83,951.00		8	6,475,620	\$ 657,515.50
7. Rate 61 Demand - 1000	-			0	1	552,648	\$ 57,120.35
8. Rate 71 1000 kw + 425k kwh	-			0	0	-	\$ -
9. Rate 81	1	613,436	\$ 50,130.72	0	1	4,616,418	\$ 406,574.61
10. Total Sales of Electric Energy	12,606	16,622,504	2,226,337.45	369	12,631	130,054,705	\$ 17,235,056.55
11. Other Electric Revenue			68,834.77				\$ 601,717.67
12. Total (10 + 11)			2,295,172.22				\$ 17,836,774.22

PART E. KWH AND KW STATISTICS

ITEM	THIS MONTH		YTD		ITEM	THIS MONTH		YTD	
1. Net kwh Generated					6. Office Use	-		-	
2. KWH Purchased	17,555,314			138,008,353	7. Total Unacct. For	932,810		7,953,648	
3. Interchange KWH				-	8. % System Loss	5.3%		5.8%	
4. Total KWH (1 thru 3)	17,555,314			138,008,353	9. Max Demand KW	39,194		53,808	
5. TOTAL KWH SALES	16,622,504			130,054,705	10. Month - Max Demand				2

REVENUE SUMMARY WORKSHEET

Aug-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 399,495.44	\$ 19,712.26	\$ 19,671.70	3,005,007	78,327	1,922	3,750	152	(125.71)
Rate 12	\$ 15,230.69	\$ 2,075.39	\$ 793.56	116,237	8,097	180	130	5	0.00
Rate 13	\$ 550,346.07	\$ 18,873.41	\$ 29,244.77	4,508,876	73,951	1,855	3,687	58	(258.14)
Rate 14	\$ 76,715.69	\$ 3,740.39	\$ 3,867.04	590,989	15,031	372	660	18	(23.16)
Rate 16	\$ 452,006.33	\$ 18,834.71	\$ 23,640.72	3,634,295	68,807	1,911	3,305	62	(244.74)
Rate 17	\$ 290.77	\$ 2,189.44	\$ 76.71	-	11,979	189	32	-	0.00
Total - 440.10	\$ 1,494,084.99	\$ 65,425.60	\$ 77,294.50	11,855,404	256,192	6,429	11,564	295	(651.75)
Rate 21	\$ 109,235.52	\$ 3,587.76	\$ 4,914.99	753,151	17,337	286	872	71	(11.16)
Total - 442.10	\$ 109,235.52	\$ 3,587.76	\$ 4,914.99	753,151	17,337	286	872	71	(11.16)
Rate 51	\$ 212,837.54	\$ 5,201.66	\$ 14,254.45	2,213,239	24,525	365	161	3	-
Rate 61	\$ 77,948.83	\$ 344.81	\$ 5,657.36	887,576	1,644	23	8	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 46,163.42	\$ 52.35	\$ 3,914.95	613,200	236	4	1	-	-
Total - 442.20	\$ 336,949.79	\$ 5,598.82	\$ 23,826.76	3,714,015	26,405	392	170	3	0.00
GRAND TOTALS	\$ 1,940,270.30	\$ 74,612.18	\$ 106,036.25	16,322,570	299,934	7,107	12,606	369	(662.91)

TOTAL REVENUE \$ 2,120,918.73

Less: Enviro Watts \$ 49.50
 Less: Enviromental Surcharge \$ 241,497.90

TOTAL REVENUE TO EKP \$ 1,879,371.33

Record Sales
 FJ # 19

DR 142.10	2,120,918.73
CR 440.10	1,636,805.09
CR 442.10	117,738.27
CR 442.20	366,375.37

General Ledger
Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR JUL 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	16,685,405.47	15,541,601.99	16,681,472.61	2,336,525.38	2,776,519.80
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	11,547,653.00	10,484,557.00	11,550,908.37	1,580,955.00	1,835,583.32
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	731,758.92	704,868.86	704,688.46	99,379.21	100,669.78
7. Distribution Expense - Maintenance	1,570,450.48	1,680,477.93	1,192,081.94	263,894.39	170,297.42
8. Customer Accounts Expense	630,984.59	664,754.71	561,110.62	107,521.62	80,158.66
9. Customer Service and Informational Expense	66,601.18	70,936.12	66,021.62	8,190.81	9,431.66
10. Sales Expense	119.00	39.00	700.07	0.00	100.01
11. Administrative and General Expense	893,376.98	939,332.59	663,012.98	132,941.61	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	15,440,944.15	14,544,966.21	14,738,524.06	2,192,882.64	2,290,956.99
13. Depreciation & Amortization Expense	1,420,624.38	1,500,951.47	1,447,312.44	220,626.78	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	17,831.84	15,581.88	18,012.75	2,076.74	2,573.25
16. Interest on Long-Term Debt	376,213.75	457,623.40	398,220.13	65,314.66	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	72,015.73	116,371.61	78,649.06	18,561.32	11,235.58
19. Other Deductions	15,713.37	10,563.20	15,750.00	1,044.41	2,250.00
20. Total Cost of Electric Service (12 thru 19)	17,343,343.22	16,646,057.77	16,696,468.44	2,500,506.55	2,570,663.33
21. Patronage Capital & Operating Margins (1 minus 20)	-657,937.75	-1,104,455.78	-14,995.83	-163,981.17	205,856.47
22. Non Operating Margins - Interest	133,988.09	136,124.66	128,333.31	22,658.49	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	138,812.03	0.00	17,000.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	60,172.74	34,472.72	46,666.69	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-854,040.04	-782,735.46	160,004.17	-124,322.68	230,856.47
Operating - Margin	-854,040.04	-782,735.46	160,004.17	-124,322.68	230,856.47
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	-0.75	-1.41			
Times Interest Earned Ratio - Net	-1.27	-0.71			
Times Interest Earned Ratio - Modified	-0.39	-0.81			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	193	43	5. Miles Transmission		
2. Services Retired	135	42	8. Miles Distribution-overhead	1,030.17	1,031.36
3. Total Services in Place	16,571	16,918	7. Miles Distribution-underground		
4. Idle Services	2,633	3,148	16. Total Miles Energized(5+8+7)	1,030.17	1,031.36

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR JUL 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	59,871,016.46	61,487,336.26	1,616,319.80
2. Construction Work in Progress	231,645.05	1,091,490.74	859,845.69
3. Total Utility Plant (1 + 2)	60,102,661.51	62,578,827.00	2,476,165.49
4. Accum. Provision for Depreciation and Amort.	27,086,923.62	28,582,963.81	1,496,040.19
5. Net Utility Plant (3 - 4)	33,015,737.89	33,995,863.19	980,125.30
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,163,733.13	18,211,146.64	47,413.51
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	7,309,495.40	2,859,785.40
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,616,248.13	25,523,447.04	2,907,198.91
15. Cash - General Funds	2,022,529.87	2,885,518.35	862,988.48
16. Cash - Construction Funds - Trustee	368.52	3,181.84	2,813.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,815.35	0.00	-2,815.35
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	2,928,109.66	2,173,181.58	-754,928.08
21. Accounts Receivable - Other (Net)	2,092,880.53	824,716.74	-1,268,163.79
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	394,138.36	686,596.68	292,458.32
24. Prepayments	36,594.19	58,418.32	21,824.13
25. Other Current and Accrued Assets	55,304.38	55,237.15	-67.23
26. Total Current and Accrued Assets (15 thru 25)	7,532,860.86	6,686,970.66	-845,890.20
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	21,819.08	732,445.21	710,626.13
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	63,186,665.96	66,938,726.10	3,752,060.14

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR JUL 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,475.00	226,015.00	1,540.00
31. Patronage Capital	29,805,809.98	30,026,470.40	220,660.42
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-854,040.04	-782,735.46	71,304.58
34. Non-Operating Margins	0.00	-86,669.82	-86,669.82
35. Other Margins and Equities	-1,101,246.58	427,078.22	1,528,324.80
36. Total Margins & Equities (30 thru 35)	28,134,352.64	30,174,723.56	2,040,370.92
37. Long-Term Debt - RUS (Net)	976,022.04	5,734,659.26	4,758,637.22
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,667,019.50	22,670,693.54	-996,325.96
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,643,041.54	28,405,352.80	3,762,311.26
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,247,152.81	2,734,235.13	-1,512,917.68
46. Total Other Noncurrent Liabilities (44 + 45)	4,247,152.81	2,734,235.13	-1,512,917.68
47. Notes Payable	2,449,365.00	1,962,924.18	-486,440.82
48. Accounts Payable	2,198,088.46	2,189,472.93	-8,615.53
49. Consumers Deposits	729,195.73	721,670.00	-7,525.73
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	784,173.98	738,682.59	-45,491.39
54. Total Current & Accrued Liabilities (47 thru 53)	6,160,823.17	5,612,749.70	-548,073.47
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	1,295.80	11,664.91	10,369.11
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	63,186,665.96	66,938,726.10	3,752,060.14
Current Assets To Current Liabilities	1.22	1.19	to 1
Margins and Equities To Total Assets	44.53	45.08	%
Long-Term Debt To Total Utility Plant	41.00	45.39	%

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	MONTH ENDING: Jul-23
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PART C. BALANCE SHEET

43. Current Assets to Current Liability Ratio.....	1.19 to 1
44. Margins & equities as % of Assets.....	45.08%
45. Long Term Debt as a % of Plant.....	45.39%

PART D. CONSUMER SALES AND REVENUE DATA

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,556	13,325,710	\$ 1,787,870.40	295	11,590	84,848,705	\$ 11,718,625.19
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	872	796,982	\$ 119,964.51	71	874	5,129,808	\$ 837,791.71
5. Rate 51 (25 - 750 KVA)	161	2,270,636	\$ 231,858.57	3	160	13,311,658	\$ 1,465,173.46
6. Rate 61 (750 KVA & over)	7	638,384	\$ 57,228.47		8	5,586,400	\$ 573,564.50
7. Rate 61 Demand - 1000	1	174,616	\$ 18,521.87	0	1	552,648	\$ 57,120.35
8. Rate 71 1000 kw + 425k kwh		-		0	0	-	\$ -
9. Rate 81	1	635,636	\$ 50,296.17	0	1	4,002,982	\$ 356,443.89
10. Total Sales of Electric Energy	12,598	17,841,964	2,265,739.99	369	12,634	113,432,201	\$ 15,008,719.10
11. Other Electric Revenue			70,785.39				\$ 532,882.90
12. Total (10 + 11)			2,336,525.38				\$ 15,541,602.00

PART E. KWH AND KW STATISTICS

ITEM	THIS MONTH		YTD		ITEM	THIS MONTH		YTD	
1. Net kwh Generated					6. Office Use				
2. KWH Purchased	18,786,975			120,453,039	7. Total Unacct. For	945,011			7,020,838
3. Interchange KWH				-	8. % System Loss	5.0%			5.8%
4. Total KWH (1 thru 3)	18,786,975			120,453,039	9. Max Demand KW	40,591			53,808
5. TOTAL KWH SALES	17,841,964			113,432,201	10. Month - Max Demand				2

REVENUE SUMMARY WORKSHEET

Jul-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 430,963.97	\$ 19,664.94	\$ 13,212.89	3,311,241	78,347	1,920	3,754	152	(356.94)
Rate 12	\$ 17,596.73	\$ 2,072.22	\$ 574.50	139,448	8,090	179	130	5	(2.71)
Rate 13	\$ 595,402.38	\$ 18,864.11	\$ 19,594.81	4,958,072	74,419	1,858	3,685	58	(712.90)
Rate 14	\$ 81,875.17	\$ 3,731.84	\$ 2,562.29	642,668	15,037	372	660	18	(74.80)
Rate 16	\$ 491,073.81	\$ 18,838.58	\$ 15,930.96	4,017,505	68,904	1,898	3,295	62	(661.44)
Rate 17	\$ 295.60	\$ 2,189.44	\$ 46.40	-	11,979	196	32	-	(0.90)
Total - 440.10	\$ 1,617,207.66	\$ 65,361.13	\$ 51,921.85	13,068,934	256,776	6,423	11,556	295	(1,809.69)
Rate 21	\$ 111,984.24	\$ 3,600.03	\$ 3,094.05	779,524	17,458	277	872	71	(336.27)
Total - 442.10	\$ 111,984.24	\$ 3,600.03	\$ 3,094.05	779,524	17,458	277	872	71	(336.27)
Rate 51	\$ 215,195.62	\$ 5,115.40	\$ 8,829.76	2,246,365	24,271	376	161	3	(296.63)
Rate 61	\$ 72,297.66	\$ 344.81	\$ 3,107.87	811,356	1,644	25	8	-	(130.21)
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 47,767.38	\$ 52.35	\$ 2,476.44	635,400	236	4	1	-	-
Total - 442.20	\$ 335,260.66	\$ 5,512.56	\$ 14,414.07	3,693,121	26,151	405	170	3	(426.84)
GRAND TOTALS	\$ 2,064,452.56	\$ 74,473.72	\$ 69,429.97	17,541,579	300,385	7,105	12,598	369	(2,572.80)

TOTAL REVENUE \$ 2,208,356.25

Less: Enviro Watts \$ 49.50
Less: Enviromental Surcharge \$ 258,217.70

TOTAL REVENUE TO EKP \$ 1,950,089.05

Record Sales
FJ # 19

DR 142.10	2,208,356.25
CR 440.10	1,734,490.64
CR 442.10	118,678.32
CR 442.20	355,187.29

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR JUN 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	13,875,182.27	13,205,076.61	13,904,952.81	1,903,806.25	1,528,656.97
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	9,712,587.00	8,903,602.00	9,715,325.05	1,240,755.00	1,522,634.12
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	626,843.17	605,489.65	604,018.68	100,329.84	100,669.78
7. Distribution Expense - Maintenance	1,244,683.43	1,416,583.54	1,021,784.52	201,761.84	170,297.42
8. Customer Accounts Expense	549,679.91	557,233.09	480,951.96	99,426.39	80,158.66
9. Customer Service and Informational Expense	56,566.92	62,745.31	56,589.96	7,724.81	9,431.66
10. Sales Expense	119.00	39.00	600.06	0.00	100.01
11. Administrative and General Expense	800,184.11	806,390.98	568,296.84	113,586.44	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	12,990,663.54	12,352,083.57	12,447,567.07	1,763,584.32	1,978,007.79
13. Depreciation & Amortization Expense	1,201,860.00	1,280,324.69	1,240,553.52	220,102.38	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	13,128.30	13,505.14	15,439.50	2,076.74	2,573.25
16. Interest on Long-Term Debt	317,587.74	392,308.74	341,331.54	65,922.66	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	60,334.94	97,810.29	67,413.48	18,891.06	11,235.58
19. Other Deductions	12,863.37	9,518.79	13,500.00	918.79	2,250.00
20. Total Cost of Electric Service (12 thru 19)	14,596,437.89	14,145,551.22	14,125,805.11	2,071,495.95	2,257,714.13
21. Patronage Capital & Operating Margins (1 minus 20)	-721,255.62	-940,474.61	-220,852.30	-167,689.70	-729,057.16
22. Non Operating Margins - Interest	115,262.89	113,466.17	109,999.98	18,813.99	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	-7,904.45	121,812.03	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	60,172.74	34,472.72	40,000.02	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-943,987.56	-658,412.78	-70,852.30	-148,875.71	-704,057.16
Operating - Margin	-943,987.56	-658,412.78	-70,852.30	-148,875.71	-704,057.16
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	-1.27	-1.40			
Times Interest Earned Ratio - Net	-1.97	-0.68			
Times Interest Earned Ratio - Modified	-0.93	-0.80			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	34	38	5. Miles Transmission		
2. Services Retired	48	36	6. Miles Distribution-overhead	1,033.62	1,031.36
3. Total Services in Place	16,653	16,919	7. Miles Distribution-underground		
4. Idle Services	2,830	3,157	8. Total Miles Energized(5+6+7)	1,033.62	1,031.36

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR JUN 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	59,777,468.14	61,444,771.79	1,667,303.65
2. Construction Work in Progress	133,307.31	988,140.66	854,833.35
3. Total Utility Plant (1 + 2)	59,910,775.45	62,432,912.45	2,522,137.00
4. Accum. Provision for Depreciation and Amort.	26,891,326.95	28,431,191.50	1,539,864.55
5. Net Utility Plant (3 - 4)	33,019,448.50	34,001,720.95	982,272.45
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,163,733.13	18,211,146.64	47,413.51
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	8,105,377.00	3,655,667.00
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,616,248.13	26,319,328.64	3,703,080.51
15. Cash - General Funds	2,430,694.79	172,681.40	-2,258,013.39
16. Cash - Construction Funds - Trustee	368.52	3,196.84	2,828.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,815.10	0.00	-2,815.10
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	2,133,984.59	2,151,290.19	17,305.60
21. Accounts Receivable - Other (Net)	2,080,439.54	2,638,090.03	557,650.49
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	422,385.84	644,424.00	222,038.16
24. Prepayments	52,975.61	49,232.00	-3,743.61
25. Other Current and Accrued Assets	36,888.80	36,821.57	-67.23
26. Total Current and Accrued Assets (15 thru 25)	7,160,672.79	5,695,856.03	-1,464,816.76
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	19,067.43	679,822.63	660,755.20
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	62,815,436.85	66,696,728.25	3,881,291.40

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR JUN 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,600.00	225,700.00	1,100.00
31. Patronage Capital	29,805,809.98	30,028,285.55	222,475.57
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-943,987.56	-658,412.78	285,574.78
34. Non-Operating Margins	0.00	-86,669.82	-86,669.82
35. Other Margins and Equities	-1,112,251.41	425,718.68	1,537,970.09
36. Total Margins & Equities (30 thru 35)	28,033,525.29	30,299,186.85	2,265,661.56
37. Long-Term Debt - RUS (Net)	984,749.15	5,743,456.35	4,758,707.20
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,667,776.75	22,671,474.35	-996,302.40
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,652,525.90	28,414,930.70	3,762,404.80
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,241,692.83	2,734,237.56	-1,507,455.27
46. Total Other Noncurrent Liabilities (44 + 45)	4,241,692.83	2,734,237.56	-1,507,455.27
47. Notes Payable	2,449,365.00	1,962,924.18	-486,440.82
48. Accounts Payable	2,043,734.32	1,905,800.28	-137,934.04
49. Consumers Deposits	729,529.27	727,320.00	-2,209.27
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	662,946.73	640,365.21	-22,581.52
54. Total Current & Accrued Liabilities (47 thru 53)	5,885,575.32	5,236,409.67	-649,165.65
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	2,117.51	11,963.47	9,845.96
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	62,815,436.85	66,696,728.25	3,881,291.40
Current Assets To Current Liabilities	1.22	1.09	to 1
Margins and Equities To Total Assets	44.63	45.43	%
Long-Term Debt To Total Utility Plant	41.15	45.51	%

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Jun-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.09 TO 1
	44. Margins & equities as % of Assets.....	45.43%
	45. Long Term Debt as a % of Plant.....	45.51%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH				YEAR-TO-DATE		
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,547	10,225,194	\$ 1,402,411.51	295	11,596	71,522,995	\$ 9,930,754.79
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	870	704,089	\$ 107,728.70	71	874	4,332,826	\$ 717,827.20
5. Rate 51 (25 - 750 KVA)	159	2,024,734	\$ 190,902.27	3	160	11,041,022	\$ 1,233,314.89
6. Rate 61 (750 KVA & over)	8	610,724	\$ 62,799.66		9	4,948,016	\$ 516,336.03
7. Rate 61 Demand - 1000	1	196,216	\$ 19,513.02	0	1	378,032	\$ 38,598.48
8. Rate 71 1000 kw + 425k kwh	-	-	\$ -	0	0	-	\$ -
9. Rate 81	1	545,036	\$ 49,163.06	0	1	3,367,346	\$ 306,147.72
10. Total Sales of Electric Energy	12,586	14,305,993	1,832,518.22	369	12,641	95,590,237	\$ 12,742,979.11
11. Other Electric Revenue			71,288.03				\$ 462,097.51
12. Total (10 + 11)			1,903,806.25				\$ 13,205,076.62

PART E. KWH AND KW STATISTICS							
ITEM	THIS MONTH		YTD		ITEM		
	THIS MONTH	YTD	THIS MONTH	YTD			
1. Net kwh Generated					6. Office Use	-	-
2. KWH Purchased	14,726,764		101,666,064		7. Total Unacct. For	420,771	6,075,827
3. Interchange KWH			-		8. % System Loss	2.9%	6.0%
4. Total KWH (1 thru 3)	14,726,764		101,666,064		9. Max Demand KW	32,772	53,808
5. TOTAL KWH SALES	14,305,993		95,590,237		10. Month - Max Demand		2

REVENUE SUMMARY WORKSHEET

Jun-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 346,130.01	\$ 19,662.87	\$ 30,236.32	2,453,406	78,823	1,917	3,751	152	(353.76)
Rate 12	\$ 12,362.23	\$ 2,072.22	\$ 1,135.48	87,012	8,090	179	130	5	(2.71)
Rate 13	\$ 480,919.69	\$ 18,855.09	\$ 46,201.67	3,795,050	74,632	1,855	3,678	58	(703.24)
Rate 14	\$ 67,323.64	\$ 3,732.79	\$ 8,090.11	494,924	15,124	371	661	18	(75.46)
Rate 16	\$ 404,417.28	\$ 18,883.74	\$ 38,288.85	3,136,644	69,490	1,903	3,294	62	(663.30)
Rate 17	\$ 303.14	\$ 2,198.94	\$ 143.59	-	11,999	197	33	-	(0.90)
Total - 440.10	\$ 1,311,455.99	\$ 65,405.55	\$ 122,096.02	9,967,036	258,158	6,422	11,547	295	(1,799.37)
Rate 21	\$ 104,815.71	\$ 3,600.23	\$ 8,405.62	686,611	17,478	278	870	71	(336.51)
Total - 442.10	\$ 104,815.71	\$ 3,600.23	\$ 8,405.62	686,611	17,478	278	870	71	(336.51)
Rate 51	\$ 195,815.80	\$ 5,034.39	\$ 24,123.56	2,000,707	24,027	368	159	3	(295.47)
Rate 61	\$ 72,366.76	\$ 344.81	\$ 9,601.11	805,296	1,644	25	9	-	(173.61)
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 42,603.52	\$ 52.35	\$ 6,507.19	544,800	236	4	1	-	-
Total - 442.20	\$ 310,786.08	\$ 5,431.55	\$ 40,231.86	3,350,803	25,907	397	169	3	(469.08)
GRAND TOTALS	\$ 1,727,057.78	\$ 74,437.43	\$ 170,733.50	14,004,450	301,543	7,097	12,586	369	(2,604.96)

TOTAL REVENUE	\$ 1,972,228.71
Less: Enviro Watts	\$ 49.50
Less: Enviromental Surcharge	\$ 226,272.48
TOTAL REVENUE TO EKP	\$ 1,745,906.73

Record Sales
FJ # 19

DR 142.10	1,972,228.71
CR 440.10	1,495,957.68
CR 442.10	118,821.56
CR 442.20	356,449.49

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR MAY 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	12,260,087.28	11,301,270.36	12,376,295.84	1,865,155.18	1,909,926.02
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	8,190,382.00	7,662,847.00	8,192,690.93	1,214,446.00	1,254,234.48
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	536,374.59	505,159.81	503,348.90	86,234.31	100,669.78
7. Distribution Expense - Maintenance	873,661.26	1,214,821.70	851,487.10	254,244.29	170,297.42
8. Customer Accounts Expense	464,468.05	457,806.70	400,793.30	97,649.89	80,158.66
9. Customer Service and Informational Expense	46,184.78	55,020.50	47,158.30	12,580.01	9,431.66
10. Sales Expense	119.00	39.00	500.05	0.00	100.01
11. Administrative and General Expense	631,987.47	692,804.54	473,580.70	145,353.21	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	10,743,177.15	10,588,499.25	10,469,559.28	1,810,507.71	1,709,608.15
13. Depreciation & Amortization Expense	983,458.26	1,060,222.31	1,033,794.60	172,167.42	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	13,128.30	11,428.40	12,866.25	2,285.68	2,573.25
16. Interest on Long-Term Debt	259,007.62	326,386.08	284,442.95	65,494.49	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	49,382.23	78,919.23	56,177.90	18,208.25	11,235.58
19. Other Deductions	3,663.37	8,600.00	11,250.00	3,100.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	12,051,816.93	12,074,055.27	11,868,090.98	2,071,763.55	1,989,314.49
Patronage Capital & Operating Margins (1 minus 20)	208,270.35	-772,784.91	508,204.86	-206,608.37	-79,388.47
22. Non Operating Margins - Interest	96,270.55	94,652.18	91,666.65	19,067.07	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	121,812.03	0.00	121,812.03	0.00
26. Generation and Transmission Capital Credits	-390,263.12	12,310.91	0.00	12,310.91	0.00
27. Other Capital Credits and Patronage Dividends	60,172.74	34,472.72	33,333.35	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	-25,549.48	-509,537.07	633,204.86	-53,418.36	-54,388.47
Operating - Margin	-25,549.48	-509,537.07	633,204.86	-53,418.36	-54,388.47
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	1.80	-1.37			
Times Interest Earned Ratio - Net	0.90	-0.56			
Times Interest Earned Ratio - Modified	2.18	-0.70			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	44	32	5. Miles Transmission		
2. Services Retired	57	32	6. Miles Distribution-Overhead	1,033.43	1,031.38
3. Total Services in Place	16,864	16,917	7. Miles Distribution-underground		
4. Idle Services	2,608	3,147	8. Total Miles Energized(5+6+7)	1,033.43	1,031.38

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR MAY 2023

	<u>Last Year</u>	<u>This Year</u>	<u>Variance</u>
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	59,471,954.40	61,308,345.92	1,836,391.52
2. Construction Work in Progress	119,911.56	942,428.04	822,516.48
3. Total Utility Plant (1 + 2)	59,591,865.96	62,250,773.96	2,658,908.00
4. Accum. Provision for Depreciation and Amort.	26,648,328.01	28,274,687.67	1,626,359.66
5. Net Utility Plant (3 - 4)	32,943,537.95	33,976,086.29	1,032,548.34
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,163,733.13	18,211,146.64	47,413.51
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	4,449,710.00	0.00
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,616,248.13	22,663,661.64	47,413.51
15. Cash - General Funds	2,864,282.33	4,363,393.65	1,499,111.32
16. Cash - Construction Funds - Trustee	368.52	3,196.84	2,828.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,614.86	0.00	-2,614.86
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	2,617,249.82	1,973,137.04	-644,112.78
21. Accounts Receivable - Other (Net)	2,046,439.56	2,610,592.61	564,153.05
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	361,994.79	557,540.73	195,545.94
24. Prepayments	71,332.04	69,247.72	-2,084.32
25. Other Current and Accrued Assets	18,473.22	18,405.99	-67.23
26. Total Current and Accrued Assets (15 thru 25)	7,982,875.14	9,595,634.58	1,612,759.44
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	15,619.02	824,294.24	808,675.22
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	<u>63,558,280.24</u>	<u>67,059,676.75</u>	<u>3,501,396.51</u>

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General Ledger
Financial And Operating Report Electric Distribution
BALANCE SHEET FOR MAY 2023

	<u>Last Year</u>	<u>This Year</u>	<u>Variance</u>
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,530.00	226,115.00	1,585.00
31. Patronage Capital	29,868,483.87	30,512,758.97	644,275.10
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-25,549.48	-509,537.07	-483,987.59
34. Non-Operating Margins	0.00	0.00	0.00
35. Other Margins and Equities	-1,123,897.60	218,759.37	1,342,656.97
36. Total Margins & Equities (30 thru 35)	28,943,566.79	30,448,096.27	1,504,529.48
37. Long-Term Debt - RUS (Net)	993,522.15	5,752,294.86	4,758,772.71
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,828,145.27	22,835,715.38	-992,429.89
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,821,667.42	28,588,010.24	3,766,342.82
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,235,008.88	2,733,152.65	-1,501,856.23
46. Total Other Noncurrent Liabilities (44 + 45)	4,235,008.88	2,733,152.65	-1,501,856.23
47. Notes Payable	2,449,365.00	1,962,924.18	-486,440.82
48. Accounts Payable	1,719,050.15	1,939,829.48	220,779.33
49. Consumers Deposits	727,825.00	727,270.00	-555.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	659,679.49	648,220.13	-11,459.36
54. Total Current & Accrued Liabilities (47 thru 53)	5,555,919.64	5,278,243.79	-277,675.85
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	2,117.51	12,173.80	10,056.29
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	63,558,280.24	67,059,676.75	3,501,396.51
Current Assets To Current Liabilities	1.44	1.82	to 1
Margins and Equities To Total Assets	45.54	45.40	%
Long-Term Debt To Total Utility Plant	41.65	45.92	%

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	May-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.44 TO 1
	44. Margins & equities as % of Assets.....	45.54%
	45. Long Term Debt as a % of Plant.....	41.65%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH				YEAR-TO-DATE		
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,664	9,101,053	\$ 1,446,477.16	295	11,606	61,297,801	\$ 8,528,343.28
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	878	648,438	\$ (54,464.62)	71	875	3,628,737	\$ 610,098.50
5. Rate 51 (25 - 750 KVA)	160	1,946,240	\$ 266,959.48	3	160	9,016,288	\$ 1,042,412.62
6. Rate 61 (750 KVA & over)	8	652,044	\$ 69,254.24		9	4,337,292	\$ 453,536.37
7. Rate 61 Demand - 1000	1	181,816	\$ 19,085.46	0	1	181,816	\$ 19,085.46
8. Rate 71 1000 kw + 425k kwh	-	-	\$ -	0	0	-	\$ -
9. Rate 81	1	659,202	\$ 57,815.66	0	1	2,822,310	\$ 256,984.66
10. Total Sales of Electric Energy	12,712	13,188,793	1,805,127.38	369	12,652	81,284,244	\$ 10,910,460.89
11. Other Electric Revenue			60,027.81				\$ 390,809.48
12. Total (10 + 11)			1,865,155.19				\$ 11,301,270.37

PART E. KWH AND KW STATISTICS					
ITEM	THIS MONTH		ITEM	THIS MONTH	
	MONTH	YTD		MONTH	YTD
1. Net kwh Generated			6. Office Use	-	-
2. KWH Purchased	13,977,447		7. Total Unacct. For	788,654	5,655,056
3. Interchange KWH			8. % System Loss	5.6%	6.5%
4. Total KWH (1 thru 3)	13,977,447	86,939,300	9. Max Demand KW	30,580	53,808
			10. Month - Max Demand		2
5. TOTAL KWH SALES	13,188,793	81,284,244			

REVENUE SUMMARY WORKSHEET

May-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 305,363.70	\$ 19,658.38	\$ 29,241.64	2,112,602	78,974	1,920	3,781	152	(27.86)
Rate 12	\$ 10,865.70	\$ 2,072.22	\$ 1,104.42	74,690	8,090	179	130	5	0.00
Rate 13	\$ 428,072.57	\$ 18,849.48	\$ 45,817.20	3,358,982	74,959	1,854	3,720	58	(69.62)
Rate 14	\$ 61,116.13	\$ 3,735.96	\$ 6,148.63	445,572	15,236	372	664	18	(7.94)
Rate 16	\$ 367,918.96	\$ 18,883.71	\$ 38,963.00	2,850,175	69,774	1,906	3,336	62	(61.76)
Rate 17	\$ 257.34	\$ 2,198.94	\$ 159.77	-	11,999	197	33	-	0.00
Total - 440.10	\$ 1,173,594.40	\$ 65,398.69	\$ 121,434.66	8,842,021	259,032	6,428	11,664	295	(167.18)
Rate 21	\$ 99,943.09	\$ 3,612.14	\$ 8,649.88	630,863	17,575	280	878	71	(1.23)
Total - 442.10	\$ 99,943.09	\$ 3,612.14	\$ 8,649.88	630,863	17,575	280	878	71	(1.23)
Rate 51	\$ 190,179.93	\$ 5,044.73	\$ 25,912.19	1,921,989	24,251	368	160	3	(0.15)
Rate 61	\$ 76,894.34	\$ 344.81	\$ 11,100.55	832,216	1,644	25	9	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 48,967.59	\$ 52.35	\$ 8,795.72	658,800	402	4	1	-	-
Total - 442.20	\$ 316,041.86	\$ 5,441.89	\$ 45,808.46	3,413,005	26,297	397	170	3	(0.15)
GRAND TOTALS	\$ 1,589,579.35	\$ 74,452.72	\$ 175,893.00	12,885,889	302,904	7,105	12,712	369	(168.56)

TOTAL REVENUE \$ 1,839,925.07

Record Sales
FJ # 19

Less: Enviro Watts \$ 49.50
Less: Enviromental Surcharge \$ 181,301.53

DR 142.10 1,839,925.07
CR 440.10 1,360,427.75
CR 442.10 112,205.11
CR 442.20 367,292.21

TOTAL REVENUE TO EKP \$ 1,658,574.04

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General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR APR 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	10,273,743.95	9,436,115.18	10,466,369.82	1,851,422.17	1,934,289.78
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	6,936,501.00	6,448,401.00	6,938,456.45	1,183,037.00	1,208,953.72
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	428,748.34	418,925.50	402,679.12	98,289.51	100,669.78
7. Distribution Expense - Maintenance	702,509.79	960,577.41	681,189.68	343,502.37	170,297.42
8. Customer Accounts Expense	376,556.26	360,156.81	320,634.64	90,976.77	80,158.66
9. Customer Service and Informational Expense	36,245.19	42,440.49	37,726.64	11,259.24	9,431.66
10. Sales Expense	119.00	39.00	400.04	0.00	100.01
11. Administrative and General Expense	505,557.46	547,451.33	378,864.56	150,446.32	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	8,986,237.04	8,777,991.54	8,759,951.13	1,877,511.21	1,664,327.39
13. Depreciation & Amortization Expense	769,164.33	888,054.89	827,035.68	222,652.77	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	10,502.64	9,142.72	10,293.00	2,285.68	2,573.25
16. Interest on Long-Term Debt	210,189.64	260,891.59	227,554.36	63,366.08	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	39,379.26	60,710.98	44,942.32	15,830.77	11,235.58
19. Other Deductions	2,663.37	5,500.00	9,000.00	5,500.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	10,018,136.28	10,002,291.72	9,878,776.49	2,187,146.51	1,944,033.73
21. Patronage Capital & Operating Margins (1 minus 20)	255,607.67	-566,176.54	587,593.33	-335,724.34	-9,743.95
22. Non Operating Margins - Interest	77,440.62	75,585.11	73,333.32	18,970.41	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	0.00	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	0.00	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	60,172.74	34,472.72	26,666.68	0.00	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	2,957.91	-456,118.71	687,593.33	-316,753.93	15,256.05
Operating - Margin	2,957.91	-456,118.71	687,593.33	-316,753.93	15,256.05
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	2.22	-1.17			
Times Interest Earned Ratio - Net	1.01	-0.75			
Times Interest Earned Ratio - Modified	2.58	-0.88			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Contracted	34	29	5. Miles Transmission		
2. Services Rerouted	40	24	6. Miles Distribution-overhead	1,033.58	1,031.29
3. Total Services in Place	16,893	16,810	7. Miles Distribution-underground		
4. New Services	2,608	3,104	8. Total Miles Energized(5+6+7)	1,033.58	1,031.29

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR APR 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	59,281,817.21	61,058,049.97	1,776,232.76
2. Construction Work in Progress	153,821.34	814,214.24	660,392.90
3. Total Utility Plant (1 + 2)	59,435,638.55	61,872,264.21	2,436,625.66
4. Accum. Provision for Depreciation and Amort.	26,526,937.64	28,184,511.27	1,657,573.63
5. Net Utility Plant (3 - 4)	32,908,700.91	33,687,752.94	779,052.03
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,163,733.13	18,198,835.73	35,102.60
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	4,449,710.00	0.00
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,616,248.13	22,651,350.73	35,102.60
15. Cash - General Funds	2,861,590.41	4,584,208.05	1,722,617.64
16. Cash - Construction Funds - Trustee	368.52	3,196.84	2,828.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,614.62	0.00	-2,614.62
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	2,711,121.69	2,053,779.87	-657,341.82
21. Accounts Receivable - Other (Net)	1,977,903.95	2,582,683.39	604,779.44
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	350,722.72	535,095.25	184,372.53
24. Prepayments	89,688.45	84,018.42	-5,670.03
25. Other Current and Accrued Assets	57.64	-9.59	-67.23
26. Total Current and Accrued Assets (15 thru 25)	7,994,188.00	9,843,092.23	1,848,904.23
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	14,807.80	863,853.08	849,045.28
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	63,533,944.84	67,046,048.98	3,512,104.14

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR APR 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,720.00	225,600.00	880.00
31. Patronage Capital	29,875,734.35	30,207,671.62	331,937.27
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	2,957.91	-456,118.71	-459,076.62
34. Non-Operating Margins	0.00	0.00	0.00
35. Other Margins and Equities	-1,136,761.97	537,502.90	1,674,264.87
36. Total Margins & Equities (30 thru 35)	28,966,650.29	30,514,655.81	1,548,005.52
37. Long-Term Debt - RUS (Net)	1,002,341.98	5,760,806.28	4,758,464.30
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,913,493.31	22,921,677.22	-991,816.09
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,915,835.29	28,682,483.50	3,766,648.21
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,228,324.93	2,732,067.74	-1,496,257.19
46. Total Other Noncurrent Liabilities (44 + 45)	4,228,324.93	2,732,067.74	-1,496,257.19
47. Notes Payable	2,449,365.00	1,962,924.18	-486,440.82
48. Accounts Payable	1,596,631.32	1,732,264.88	135,633.56
49. Consumers Deposits	725,475.00	721,470.00	-4,005.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	649,335.17	688,009.07	38,673.90
54. Total Current & Accrued Liabilities (47 thru 53)	5,420,806.49	5,104,668.13	-316,138.36
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	2,327.84	12,173.80	9,845.96
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	63,533,944.84	67,046,048.98	3,512,104.14
Current Assets To Current Liabilities	1.47	to 1	1.93
Margins and Equities To Total Assets	45.59	%	45.51
Long-Term Debt To Total Utility Plant	41.92	%	46.36

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Apr-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.93 to 1
	44. Margins & equities as % of Assets.....	45.51%
	45. Long Term Debt as a % of Plant.....	46.36%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,654	9,179,941	\$ 1,198,363.22	295	11,592	52,196,748	\$ 7,081,866.12
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	874	637,348	\$ 283,684.09	71	874	2,980,299	\$ 664,563.12
5. Rate 51 (25 - 750 KVA)	159	1,736,194	\$ 170,186.44	3	160	7,070,048	\$ 775,453.14
6. Rate 61 (750 KVA & over)	9	767,416	\$ 79,981.59	0	9	3,685,248	\$ 384,282.13
7. Rate 61 Demand - 1000				0	-	-	\$ -
8. Rate 71 1000 kw + 425k kwh				0	0	-	\$ -
9. Rate 81	1	439,902	\$ 39,648.48	0	1	2,163,108	\$ 199,169.00
10. Total Sales of Electric Energy	12,697	12,760,801	1,771,863.82	369	12,636	68,095,451	\$ 9,105,333.51
11. Other Electric Revenue			79,558.35				\$ 330,781.67
12. Total (10 + 11)			1,851,422.17				\$ 9,436,115.18

PART E. KWH AND KW STATISTICS							
ITEM	THIS MONTH		YTD	ITEM	THIS MONTH		YTD
1. Net kwh Generated				6. Office Use			
2. KWH Purchased	14,042,466		72,961,853	7. Total Unacct. For	1,281,665		4,866,402
3. Interchange KWH			-	8. % System Loss	9.1%		6.7%
4. Total KWH (1 thru 3)	14,042,466		72,961,853	9. Max Demand KW	30,887		53,808
5. TOTAL KWH SALES	12,760,801		68,095,451	10. Month - Max Demand			2

REVENUE SUMMARY WORKSHEET

Apr-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 298,889.06	\$ 19,615.61	\$ 18,765.57	2,046,121	79,202	1,916	3,784	152	(3.86)
Rate 12	\$ 12,157.04	\$ 2,072.22	\$ 843.98	87,544	8,090	179	130	5	0.00
Rate 13	\$ 427,175.90	\$ 18,858.96	\$ 30,330.12	3,352,792	75,407	1,856	3,704	58	(7.63)
Rate 14	\$ 61,970.11	\$ 3,739.76	\$ 4,137.93	453,690	15,250	372	666	18	(0.95)
Rate 16	\$ 381,072.89	\$ 18,908.31	\$ 26,922.18	2,979,770	70,146	1,907	3,338	62	(10.55)
Rate 17	\$ 259.56	\$ 2,189.44	\$ 105.61	-	11,929	196	32	-	0.00
Total - 440.10	\$ 1,181,524.56	\$ 65,384.30	\$ 81,105.39	8,919,917	260,024	6,426	11,654	295	(22.99)
Rate 21	\$ 104,352.08	\$ 3,611.03	\$ 5,622.79	619,747	17,601	280	874	71	-
Total - 442.10	\$ 104,352.08	\$ 3,611.03	\$ 5,622.79	619,747	17,601	280	874	71	0.00
Rate 51	\$ 182,602.78	\$ 5,044.10	\$ 15,282.32	1,711,899	24,295	368	159	3	-
Rate 61	\$ 72,876.72	\$ 344.81	\$ 6,760.06	765,772	1,644	25	9	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 35,714.87	\$ 52.35	\$ 3,881.26	439,500	402	4	1	-	-
Total - 442.20	\$ 291,194.37	\$ 5,441.26	\$ 25,923.64	2,917,171	26,341	397	169	3	0.00
GRAND TOTALS	\$ 1,577,071.01	\$ 74,436.59	\$ 112,651.82	12,456,835	303,966	7,103	12,697	369	(22.99)

TOTAL REVENUE	\$ 1,764,159.42
Less: Enviro Watts	\$ 49.50
Less: Environmental Surcharge	\$ 179,529.24
TOTAL REVENUE TO EKP	\$ 1,584,580.68

Record Sales
FJ # 19

DR 142.10	1,764,159.42
CR 440.10	1,328,014.25
CR 442.10	113,585.90
CR 442.20	322,559.27

General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR MAR 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	8,302,219.97	7,584,693.01	8,532,080.04	2,321,786.55	2,219,540.72
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	5,727,888.00	5,265,364.00	5,729,502.73	1,578,426.00	1,584,930.68
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	344,050.30	320,635.99	302,009.34	89,067.59	100,669.78
7. Distribution Expense - Maintenance	555,528.88	617,075.04	510,892.26	315,706.43	170,297.42
8. Customer Accounts Expense	282,749.87	269,180.04	240,475.98	86,087.00	80,158.66
9. Customer Service and Informational Expense	27,760.62	31,181.25	28,294.98	8,882.64	9,431.66
10. Sales Expense	39.00	39.00	300.03	39.00	100.01
11. Administrative and General Expense	391,845.60	397,005.01	284,148.42	134,354.57	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	<u>7,329,862.27</u>	<u>6,900,480.33</u>	<u>7,095,623.74</u>	<u>2,212,563.23</u>	<u>2,040,304.35</u>
13. Depreciation & Amortization Expense	576,152.32	665,402.12	620,276.76	221,944.59	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	7,876.98	6,857.04	7,719.75	2,285.68	2,573.25
16. Interest on Long-Term Debt	161,578.17	197,525.51	170,665.77	71,515.22	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	29,136.09	44,880.21	33,706.74	14,459.83	11,235.58
19. Other Deductions	2,063.37	0.00	6,750.00	0.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	<u>8,106,669.20</u>	<u>7,815,145.21</u>	<u>7,934,742.76</u>	<u>2,522,768.55</u>	<u>2,320,010.69</u>
21. Patronage Capital & Operating Margins (1 minus 20)	195,550.77	-230,452.20	597,337.28	-200,982.00	-100,469.97
22. Non Operating Margins - Interest	58,160.92	56,614.70	54,999.99	19,200.24	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	0.00	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	0.00	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	60,172.74	34,472.72	20,000.01	33,749.10	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	<u>-76,378.69</u>	<u>-139,364.78</u>	<u>672,337.28</u>	<u>-148,032.66</u>	<u>-75,469.97</u>
Operating - Margin	-76,378.69	-139,364.78	672,337.28	-148,032.66	-75,469.97
Non Operating - Margin	0.00	0.00			
Times Interest Earned Ratio - Operating	2.21	-0.17			
Times Interest Earned Ratio - Net	0.53	0.29			
Times Interest Earned Ratio - Modified	2.57	0.12			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	20	18	5. Miles Transmission		
2. Services Retired	42	12	6. Miles Distribution-overhead	1,033.70	1,031.28
3. Total Services in Place	16,655	16,921	7. Miles Distribution-underground		
4. Idle Services	2,599	3,061	8. Total Miles Energized(5+6+7)	1,033.70	1,031.28

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR MAR 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	59,153,102.99	60,902,939.71	1,749,836.72
2. Construction Work in Progress	120,946.09	792,792.34	671,846.25
3. Total Utility Plant (1 + 2)	59,274,049.08	61,695,732.05	2,421,682.97
Accum. Provision for Depreciation and Amort.	26,456,861.11	28,025,707.03	1,568,845.92
5. Net Utility Plant (3 - 4)	32,817,187.97	33,670,025.02	852,837.05
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,163,733.13	18,198,835.73	35,102.60
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	4,449,710.00	0.00
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,616,248.13	22,651,350.73	35,102.60
15. Cash - General Funds	2,697,976.72	4,575,087.81	1,877,111.09
16. Cash - Construction Funds - Trustee	368.52	3,196.84	2,828.32
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,614.38	0.00	-2,614.38
19. Notes Receivable (Net)	0.00	0.00	0.00
Accounts Receivable - Sales of Energy (Net)	3,144,757.59	2,745,164.35	-399,593.24
21. Accounts Receivable - Other (Net)	1,959,367.34	2,566,869.13	607,501.79
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	380,761.28	546,418.29	165,657.01
24. Prepayments	76,536.86	104,034.09	27,497.23
25. Other Current and Accrued Assets	81,153.11	81,574.83	421.72
26. Total Current and Accrued Assets (15 thru 25)	8,343,655.80	10,622,465.34	2,278,809.54
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	14,193.22	861,029.99	846,836.77
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	63,791,285.12	67,804,871.08	4,013,585.96

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR MAR 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,790.00	225,945.00	1,155.00
31. Patronage Capital	29,881,689.58	30,207,671.62	325,982.04
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-76,378.69	-139,364.78	-62,986.09
34. Non-Operating Margins	0.00	0.00	0.00
35. Other Margins and Equities	-1,150,622.21	536,546.25	1,687,168.46
36. Total Margins & Equities (30 thru 35)	28,879,478.68	30,830,798.09	1,951,319.41
37. Long-Term Debt - RUS (Net)	1,011,083.40	5,769,667.05	4,758,583.65
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	23,914,496.98	22,922,455.45	-992,041.53
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	24,925,580.38	28,692,122.50	3,766,542.12
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,214,944.31	2,731,816.46	-1,483,127.85
46. Total Other Noncurrent Liabilities (44 + 45)	4,214,944.31	2,731,816.46	-1,483,127.85
47. Notes Payable	2,449,365.00	1,962,924.18	-486,440.82
48. Accounts Payable	2,078,039.99	2,266,083.62	188,043.63
49. Consumers Deposits	681,355.00	719,480.00	38,125.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	560,193.92	589,472.43	29,278.51
54. Total Current & Accrued Liabilities (47 thru 53)	5,768,953.91	5,537,960.23	-230,993.68
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	2,327.84	12,173.80	9,845.96
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	63,791,285.12	67,804,871.08	4,013,585.96
Current Assets To Current Liabilities	1.45	to 1	1.92 to 1
Margins and Equities To Total Assets	45.27	%	45.47 %
Long-Term Debt To Total Utility Plant	42.05	%	46.51 %

REVENUE SUMMARY WORKSHEET

Mar-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 371,578.47	\$ 19,708.68	\$ 52,728.59	2,862,808	79,706	1,921	3,772	152	(3.09)
Rate 12	\$ 18,854.62	\$ 2,072.22	\$ 3,002.60	159,474	8,090	179	130	5	0.00
Rate 13	\$ 585,898.38	\$ 18,777.71	\$ 92,517.76	5,084,888	75,075	1,855	3,664	58	(7.02)
Rate 14	\$ 79,089.60	\$ 3,735.64	\$ 11,801.90	643,398	15,242	372	666	18	(0.75)
Rate 16	\$ 531,393.00	\$ 18,992.95	\$ 83,854.86	4,608,162	70,727	1,912	3,308	62	(6.15)
Rate 17	\$ 200.66	\$ 2,189.76	\$ 213.62	-	11,930	196	32	-	0.00
Total - 440.10	\$ 1,587,014.73	\$ 65,476.96	\$ 244,119.33	13,358,730	260,770	6,435	11,572	295	(17.01)
Rate 21	\$ 106,079.15	\$ 3,644.94	\$ 12,445.26	685,020	17,738	282	872	71	(0.12)
Total - 442.10	\$ 106,079.15	\$ 3,644.94	\$ 12,445.26	685,020	17,738	282	872	71	(0.12)
Rate 51	\$ 190,894.75	\$ 5,044.73	\$ 35,274.54	1,948,525	24,321	366	159	3	-
Rate 61	\$ 86,746.96	\$ 344.81	\$ 17,480.65	977,128	1,644	25	9	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 44,163.55	\$ 52.35	\$ 10,849.38	605,100	402	4	1	-	-
Total - 442.20	\$ 321,805.26	\$ 5,441.89	\$ 63,604.57	3,530,753	26,367	397	169	3	0.00
GRAND TOTALS	\$ 2,014,899.14	\$ 74,563.79	\$ 320,169.16	17,574,503	304,875	7,114	12,613	369	(17.13)

TOTAL REVENUE \$ 2,409,632.09

Less: Enviro Watts \$ 49.50
 Less: Enviromental Surcharge \$ 186,035.47

TOTAL REVENUE TO EKP \$ 2,223,547.12

Record Sales
 FJ # 19

DR 142.10	2,409,632.09
CR 440.10	1,896,611.02
CR 442.10	122,189.35
CR 442.20	390,851.72

REVENUE SUMMARY WORKSHEET

Mar-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 371,578.47	\$ 19,708.68	\$ 52,728.59	2,862,808	79,706	1,921	3,772	152	(3.09)
Rate 12	\$ 18,854.62	\$ 2,072.22	\$ 3,002.60	159,474	8,090	179	130	5	0.00
Rate 13	\$ 585,898.38	\$ 18,777.71	\$ 92,517.76	5,084,888	75,075	1,855	3,664	58	(7.02)
Rate 14	\$ 79,089.60	\$ 3,735.64	\$ 11,801.90	643,398	15,242	372	666	18	(0.75)
Rate 16	\$ 531,393.00	\$ 18,992.95	\$ 83,854.86	4,608,162	70,727	1,912	3,308	62	(6.15)
Rate 17	\$ 200.66	\$ 2,189.76	\$ 213.62	-	11,930	196	32	-	0.00
Total - 440.10	\$ 1,587,014.73	\$ 65,476.96	\$ 244,119.33	13,358,730	260,770	6,435	11,572	295	(17.01)
Rate 21	\$ 106,079.15	\$ 3,644.94	\$ 12,445.26	685,020	17,738	282	872	71	(0.12)
Total - 442.10	\$ 106,079.15	\$ 3,644.94	\$ 12,445.26	685,020	17,738	282	872	71	(0.12)
Rate 51	\$ 190,894.75	\$ 5,044.73	\$ 35,274.54	1,948,525	24,321	368	159	3	-
Rate 61	\$ 86,746.96	\$ 344.81	\$ 17,480.65	977,128	1,644	25	9	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 44,163.55	\$ 52.35	\$ 10,849.38	605,100	402	4	1	-	-
Total - 442.20	\$ 321,805.26	\$ 5,441.89	\$ 63,604.57	3,530,753	26,367	397	169	3	0.00
GRAND TOTALS	\$ 2,014,899.14	\$ 74,563.79	\$ 320,169.16	17,574,503	304,875	7,114	12,613	369	(17.13)

TOTAL REVENUE	\$ 2,409,632.09
Less: Enviro Watts	\$ 49.50
Less: Enviromental Surcharge	\$ 186,035.47
TOTAL REVENUE TO EKP	\$ 2,223,547.12

Record Sales	
FJ # 19	
DR 142.10	2,409,632.09
CR 440.10	1,896,611.02
CR 442.10	122,169.35
CR 442.20	390,851.72

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General Ledger Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR FEB 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	6,044,400.60	5,262,906.46	6,312,539.32	2,279,531.46	2,442,568.87
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	4,143,404.00	3,686,938.00	4,144,572.05	1,566,609.00	1,833,841.83
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	215,982.57	231,568.40	201,339.56	129,122.06	100,669.78
7. Distribution Expense - Maintenance	373,533.19	301,368.61	340,594.84	182,523.23	170,297.42
8. Customer Accounts Expense	182,696.20	183,093.04	160,317.32	95,273.78	80,158.66
9. Customer Service and Informational Expense	16,961.35	22,298.61	18,863.32	11,002.12	9,431.66
10. Sales Expense	39.00	0.00	200.02	0.00	100.01
11. Administrative and General Expense	261,102.00	262,650.44	189,432.28	118,864.91	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	<u>5,193,718.31</u>	<u>4,687,917.10</u>	<u>5,055,319.39</u>	<u>2,103,395.10</u>	<u>2,289,215.50</u>
13. Depreciation & Amortization Expense	383,577.57	443,457.53	413,517.84	221,765.99	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	5,251.32	4,571.36	5,146.50	2,285.68	2,573.25
16. Interest on Long-Term Debt	112,074.12	126,010.29	113,777.18	69,943.30	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	19,716.28	30,420.38	22,471.16	15,354.05	11,235.58
19. Other Deductions	<u>1,463.37</u>	<u>0.00</u>	<u>4,500.00</u>	<u>0.00</u>	<u>2,250.00</u>
20. Total Cost of Electric Service (12 thru 19)	5,715,800.97	5,292,376.66	5,614,732.07	2,412,744.12	2,568,921.84
21. Patronage Capital & Operating Margins (1 minus 20)	328,599.63	-29,470.20	697,807.25	-133,212.66	-126,352.97
22. Non Operating Margins - Interest	38,794.54	37,414.46	36,666.66	18,808.89	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	0.00	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	-390,263.12	0.00	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	0.00	723.62	13,333.34	0.00	6,666.67
28. Extraordinary Items	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
29. Patronage Capital or Margins (21 thru 28)	<u>-22,868.95</u>	<u>8,667.88</u>	<u>747,807.25</u>	<u>-114,403.77</u>	<u>-101,352.97</u>
Operating - Margin	-22,868.95	8,667.88	747,807.25	-114,403.77	-101,352.97
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	3.93	0.77			
Times Interest Earned Ratio - Net	0.80	1.07			
Times Interest Earned Ratio - Modified	4.28	1.06			

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	4	5	5. Miles Transmission		
2. Services Retired	7	10	6. Miles Distribution-overhead	1,033.83	1,030.97
3. Total Services in Place	16,657	16,812	7. Miles Distribution-underground		
4. Idle Services	2,538	3,044	8. Total Miles Energized(5+6+7)	1,033.83	1,030.97

General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR FEB 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	59,067,086.51	60,720,339.27	1,653,252.76
2. Construction Work in Progress	120,881.10	638,453.89	517,572.79
3. Total Utility Plant (1 + 2)	59,187,967.61	61,358,793.16	2,170,825.55
Accum. Provision for Depreciation and Amort.	26,415,459.93	27,891,525.33	1,476,065.40
Net Utility Plant (3 - 4)	32,772,507.68	33,467,267.83	694,760.15
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,129,743.19	18,180,846.03	51,102.84
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	4,449,710.00	0.00
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,582,258.19	22,633,361.03	51,102.84
15. Cash - General Funds	3,156,084.17	4,913,973.87	1,757,889.70
16. Cash - Construction Funds - Trustee	368.52	303,195.88	302,827.36
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,614.14	0.95	-2,613.19
19. Notes Receivable (Net)	0.00	0.00	0.00
Accounts Receivable - Sales of Energy (Net)	3,533,828.92	2,808,506.13	-725,322.79
21. Accounts Receivable - Other (Net)	2,067,683.47	2,242,809.43	175,125.96
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	358,071.36	536,054.35	177,982.99
24. Prepayments	94,893.26	91,442.78	-3,450.48
25. Other Current and Accrued Assets	72,742.04	73,643.12	901.08
26. Total Current and Accrued Assets (15 thru 25)	9,286,405.88	10,969,746.51	1,683,340.63
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	14,483.60	1,027,923.92	1,013,440.32
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	64,655,655.35	68,098,299.29	3,442,643.94

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR FEB 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	224,555.00	225,840.00	1,285.00
31. Patronage Capital	29,910,793.13	30,214,427.08	303,633.95
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	-22,868.95	8,667.88	31,536.83
34. Non-Operating Margins	0.00	0.00	0.00
35. Other Margins and Equities	-1,175,842.15	534,047.19	1,709,889.34
36. Total Margins & Equities (30 thru 35)	28,936,637.03	30,982,982.15	2,046,345.12
37. Long-Term Debt - RUS (Net)	1,019,745.20	5,778,447.05	4,758,701.85
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	24,147,805.88	23,089,995.52	-1,057,810.36
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	25,167,551.08	28,868,442.57	3,700,891.49
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,216,181.00	2,731,957.53	-1,484,223.47
46. Total Other Noncurrent Liabilities (44 + 45)	4,216,181.00	2,731,957.53	-1,484,223.47
47. Notes Payable	2,750,000.00	1,962,924.18	-787,075.82
48. Accounts Payable	2,270,124.98	2,131,876.73	-138,248.25
49. Consumers Deposits	678,055.00	714,780.00	36,725.00
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	634,778.42	704,040.33	69,261.91
54. Total Current & Accrued Liabilities (47 thru 53)	6,332,958.40	5,513,621.24	-819,337.16
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	2,327.84	1,295.80	-1,032.04
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	64,655,655.35	68,098,299.29	3,442,643.94
Current Assets To Current Liabilities	1.47	to 1	1.99 to 1
Margins and Equities To Total Assets	44.75	%	45.50 %
Long-Term Debt To Total Utility Plant	42.52	%	47.05 %

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Feb-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.47 TO 1
	44. Margins & equities as % of Assets.....	44.75%
	45. Long Term Debt as a % of Plant.....	42.52%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH			YEAR-TO-DATE			
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,556	13,553,300	\$ 1,779,346.79	320	11,570	29,397,307	\$ 4,133,163.59
2. Res. Sales - Season		-				-	\$ -
3. Irrigation Sales						-	\$ -
4. Rate 21 up to 24 KVA	875	822,146	\$ 127,755.30	62	875	1,640,193	\$ 270,699.58
5. Rate 51 (25 - 750 KVA)	160	1,350,142	\$ 131,683.84	9	160	3,361,008	\$ 385,303.31
6. Rate 61 (750 KVA & over)	9	892,752	\$ 99,013.73	0		1,939,060	\$ 199,728.12
7. Rate 61 Demand - 1000				0	-	-	\$ -
8. Rate 71 1000 kw + 425k kwh		-	\$ -	0	0	-	\$ -
9. Rate 81	1	536,502	\$ 54,133.40	0	1	1,117,704	\$ 104,455.24
10. Total Sales of Electric Energy	12,601	17,154,842	2,191,933.06	391	12,606	37,455,272	\$ 5,093,349.84
11. Other Electric Revenue			87,598.41				\$ 169,556.63
12. Total (10 + 11)			2,279,531.47				\$ 5,262,906.47

PART E. KWH AND KW STATISTICS							
ITEM	THIS MONTH		YTD	ITEM	THIS MONTH		YTD
1. Net kwh Generated				6. Office Use	-		-
2. KWH Purchased	18,165,185		40,308,277	7. Total Unacct. For	1,010,343		2,853,005
3. Interchange KWH			-	8. % System Loss	5.6%		7.1%
4. Total KWH (1 thru 3)	18,165,185		40,308,277	9. Max Demand KW	53,808		53,808
5. TOTAL KWH SALES	17,154,842		37,455,272	10. Month - Max Demand			2

REVENUE SUMMARY WORKSHEET

Feb-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 358,324.30	\$ 19,692.81	\$ 75,074.64	2,799,630	79,903	1,919	3,771	164	(1.61)
Rate 12	\$ 19,354.10	\$ 2,071.28	\$ 4,578.57	168,361	8,087	179	130	5	0.00
Rate 13	\$ 572,419.03	\$ 18,635.57	\$ 134,024.01	5,069,385	74,796	1,842	3,640	62	(1.99)
Rate 14	\$ 74,798.67	\$ 3,736.60	\$ 16,429.50	614,470	15,295	370	660	19	(0.54)
Rate 16	\$ 525,388.58	\$ 19,035.39	\$ 122,778.30	4,640,384	71,060	1,920	3,323	70	(3.42)
Rate 17	\$ 160.09	\$ 2,189.44	\$ 311.61	-	11,929	196	32	-	0.00
Total - 440.10	\$ 1,550,444.77	\$ 65,361.09	\$ 353,196.63	13,292,230	261,070	6,426	11,556	320	(7.56)
Rate 21	\$ 111,805.94	\$ 3,543.04	\$ 20,931.30	804,777	17,369	282	875	62	-
Total - 442.10	\$ 111,805.94	\$ 3,543.04	\$ 20,931.30	804,777	17,369	282	875	62	0.00
Rate 51	\$ 136,735.06	\$ 5,046.06	\$ 41,329.79	1,325,775	24,367	368	160	9	-
Rate 61	\$ 75,481.60	\$ 344.81	\$ 23,187.32	891,108	1,644	25	9	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 40,086.38	\$ 52.35	\$ 13,994.67	536,100	402	4	1	-	-
Total - 442.20	\$ 252,303.04	\$ 5,443.22	\$ 78,511.78	2,752,983	26,413	397	170	9	0.00
GRAND TOTALS	\$ 1,914,553.75	\$ 74,347.35	\$ 452,639.71	16,849,990	304,852	7,105	12,601	391	(7.56)

TOTAL REVENUE	\$ 2,441,540.81
Less: Enviro Watts	\$ 49.50
Less: Enviromental Surcharge	\$ 145,946.97
TOTAL REVENUE TO EKP	\$ 2,295,544.34

Record Sales
FJ # 19

DR 142.10	2,441,540.81
CR 440.10	1,969,002.49
CR 442.10	136,280.28
CR 442.20	336,258.04

General Ledger

Financial And Operating Report Electric Distribution

INCOME STATEMENT FOR JAN 2023

Item	Year - To - Date			Period - To - Date	
	Last Year	This Year	Budget	Current	Budget
1. Operating Revenue and Patronage Capital	3,603,087.38	2,983,375.00	3,869,970.45	2,983,375.00	3,869,970.45
2. Power Production Expense	0.00	0.00	0.00	0.00	0.00
3. Cost of Purchased Power	2,310,079.00	2,120,329.00	2,310,730.22	2,120,329.00	2,310,730.22
4. Transmission Expense	0.00	0.00	0.00	0.00	0.00
5. Regional Market Expense	0.00	0.00	0.00	0.00	0.00
6. Distribution Expense - Operation	117,589.94	102,446.34	100,669.78	102,446.34	100,669.78
7. Distribution Expense - Maintenance	187,496.89	118,845.38	170,297.42	118,845.38	170,297.42
8. Customer Accounts Expense	89,741.16	87,819.26	80,158.66	87,819.26	80,158.66
9. Customer Service and Informational Expense	9,741.20	11,296.49	9,431.66	11,296.49	9,431.66
10. Sales Expense	0.00	0.00	100.01	0.00	100.01
11. Administrative and General Expense	144,217.64	143,785.53	94,716.14	143,785.53	94,716.14
12. Total Operation & Maintenance Expense (2 thru 11)	2,858,865.83	2,584,522.00	2,766,103.89	2,584,522.00	2,766,103.89
13. Depreciation & Amortization Expense	191,597.95	221,691.54	206,758.92	221,691.54	206,758.92
14. Tax Expense - Property & Gross Receipts	0.00	0.00	0.00	0.00	0.00
15. Tax Expense - Other	2,625.66	2,285.68	2,573.25	2,285.68	2,573.25
16. Interest on Long-Term Debt	56,830.37	56,066.99	56,888.59	56,066.99	56,888.59
17. Interest Charged to Construction - Credit	0.00	0.00	0.00	0.00	0.00
18. Interest Expense - Other	9,811.91	15,066.33	11,235.58	15,066.33	11,235.58
19. Other Deductions	1,000.00	0.00	2,250.00	0.00	2,250.00
20. Total Cost of Electric Service (12 thru 19)	3,120,731.72	2,879,632.54	3,045,810.23	2,879,632.54	3,045,810.23
21. Patronage Capital & Operating Margins (1 minus 20)	482,355.66	103,742.46	824,160.22	103,742.46	824,160.22
22. Non Operating Margins - Interest	19,415.35	18,605.57	18,333.33	18,605.57	18,333.33
23. Allowance for Funds Used During Construction	0.00	0.00	0.00	0.00	0.00
24. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00	0.00
25. Non Operating Margins - Other	0.00	0.00	0.00	0.00	0.00
26. Generation and Transmission Capital Credits	0.00	0.00	0.00	0.00	0.00
27. Other Capital Credits and Patronage Dividends	-200,000.00	723.62	6,666.67	723.62	6,666.67
28. Extraordinary Items	0.00	0.00	0.00	0.00	0.00
29. Patronage Capital or Margins (21 thru 28)	301,771.01	123,071.65	849,160.22	123,071.65	849,160.22
Operating - Margin	301,771.01	123,071.65	849,160.22	123,071.65	849,160.22
Non Operating - Margin	0.00	0.00	0.00	0.00	0.00
Times Interest Earned Ratio - Operating	9.49	2.85		9.49	2.85
Times Interest Earned Ratio - Net	6.31	3.20		6.31	3.20
Times Interest Earned Ratio - Modified	9.83	3.18		9.83	3.18

DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR TO DATE		ITEM	YEAR TO DATE	
	LAST YEAR	THIS YEAR		LAST YEAR	THIS YEAR
1. New Services Connected	7		4. 10 Miles Transmission		
2. Service Routes	24		5. Miles Distribution Overhead	1,033.01	1,033.01
3. Total Services in Phase	19,040		6. Miles Distribution Underground		
4. Idle Services	2,538		8. Total Miles Overhead(5+6+7)	1,033.01	1,033.01

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR JAN 2023

	Last Year	This Year	Variance
ASSETS AND OTHER DEBITS			
1. Total Utility Plant in Service	58,967,937.47	60,934,060.83	1,966,123.36
2. Construction Work in Progress	110,324.62	502,846.28	392,521.66
3. Total Utility Plant (1 + 2)	59,078,262.09	61,436,907.11	2,358,645.02
4. Accum. Provision for Depreciation and Amort.	26,343,002.85	27,783,213.84	1,440,210.99
5. Net Utility Plant (3 - 4)	32,735,259.24	33,653,693.27	918,434.03
6. Non-Utility Property (Net)	0.00	0.00	0.00
7. Invest. in Subsidiary Companies	0.00	0.00	0.00
8. Invest. in Assoc. Org. - Patronage Capital	18,320,006.31	18,180,846.03	-139,160.28
9. Invest. in Assoc. Org. - Other - General Funds	2,305.00	2,305.00	0.00
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	4,449,710.00	4,449,710.00	0.00
11. Invest. in Economic Development Projects	0.00	0.00	0.00
12. Other Investments	500.00	500.00	0.00
13. Special Funds	0.00	0.00	0.00
14. Total Other Property & Investments (6 thru 13)	22,772,521.31	22,633,361.03	-139,160.28
15. Cash - General Funds	3,188,761.79	830,402.74	-2,358,359.05
16. Cash - Construction Funds - Trustee	368.52	4,864,368.52	4,864,000.00
17. Special Deposits	120.00	120.00	0.00
18. Temporary Investments	2,613.91	2,827.24	213.33
19. Notes Receivable (Net)	0.00	0.00	0.00
20. Accounts Receivable - Sales of Energy (Net)	4,281,961.43	2,946,879.32	-1,335,082.11
21. Accounts Receivable - Other (Net)	2,050,515.21	2,212,523.02	162,007.81
22. Renewable Energy Credits	0.00	0.00	0.00
23. Material and Supplies - Electric & Other	300,903.90	512,243.15	211,339.25
24. Prepayments	72,569.06	72,194.64	-374.42
25. Other Current and Accrued Assets	53,837.49	55,217.93	1,380.44
26. Total Current and Accrued Assets (15 thru 25)	9,951,651.31	11,496,776.56	1,545,125.25
27. Regulatory Assets	0.00	0.00	0.00
28. Other Deferred Debits	14,654.34	1,176,595.30	1,161,940.96
29. Total Assets and Other Debits (5 + 14 + 26 thru 28)	65,474,086.20	68,960,426.16	3,486,339.96

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General Ledger Financial And Operating Report Electric Distribution

BALANCE SHEET FOR JAN 2023

	Last Year	This Year	Variance
LIABILITIES AND OTHER CREDITS			
30. Memberships	225,055.00	225,840.00	785.00
31. Patronage Capital	29,928,218.57	30,222,450.60	294,232.03
32. Operating Margins - Prior Years	0.00	0.00	0.00
33. Operating Margins - Current Year	301,771.01	123,071.65	-178,699.36
34. Non-Operating Margins	0.00	0.00	0.00
35. Other Margins and Equities	-1,191,409.01	-1,018,763.74	172,645.27
36. Total Margins & Equities (30 thru 35)	29,263,635.57	29,552,598.51	288,962.94
37. Long-Term Debt - RUS (Net)	1,028,583.80	5,787,339.54	4,758,755.74
38. Long-Term Debt - FFB - RUS Guaranteed	0.00	0.00	0.00
39. Long-Term Debt - Other - RUS Guaranteed	0.00	0.00	0.00
40. Long-Term Debt - Other (Net)	24,240,680.84	23,175,540.01	-1,065,140.83
41. Long-Term Debt - RUS Econ. Devel. (Net)	0.00	0.00	0.00
42. Payments - Unapplied	0.00	0.00	0.00
43. Total Long-Term Debt (37 thru 41 - 42)	25,269,264.64	28,962,879.55	3,693,614.91
44. Obligations Under Capital Leases - Noncurrent	0.00	0.00	0.00
45. Accumulated Operating Provisions	4,209,249.53	4,281,689.68	72,440.15
46. Total Other Noncurrent Liabilities (44 + 45)	4,209,249.53	4,281,689.68	72,440.15
47. Notes Payable	2,750,000.00	1,962,924.18	-787,075.82
48. Accounts Payable	2,740,120.01	2,953,948.69	213,828.68
49. Consumers Deposits	677,661.50	705,230.00	27,568.50
50. Current Maturities Long-Term Debt	0.00	0.00	0.00
51. Current Maturities Long-Term Debt - Econ. Devel.	0.00	0.00	0.00
52. Current Maturities Capital Leases	0.00	0.00	0.00
53. Other Current and Accrued Liabilities	561,827.11	539,859.75	-21,967.36
54. Total Current & Accrued Liabilities (47 thru 53)	6,729,608.62	6,161,962.62	-567,646.00
55. Regulatory Liabilities	0.00	0.00	0.00
56. Other Deferred Credits	2,327.84	1,295.80	-1,032.04
57. Total Liab. & Other Credits (36+43+46+54 thru 56)	65,474,086.20	68,960,426.16	3,486,339.96
Current Assets To Current Liabilities	1.48	1.87	
	to 1	to 1	
Margins and Equities To Total Assets	44.69	42.85	%
	%	%	
Long-Term Debt To Total Utility Plant	42.77	47.14	%
	%	%	

FINANCIAL AND STATISTICAL REPORT	KENTUCKY 58 FLOYD	
	MONTH ENDING:	Jan-23
PART C. BALANCE SHEET		
	43. Current Assets to Current Liability Ratio.....	1.48 to 1
	44. Margins & equities as % of Assets.....	44.69%
	45. Long Term Debt as a % of Plant.....	42.77%
PART D. CONSUMER SALES AND REVENUE DATA		

CLASS OF SERVICE	THIS MONTH				YEAR-TO-DATE		
	# Rec. Service	kwh sold	Amount	# Min. Bills	Avg. # Rec. Svc.	kwh sold	Cumul. Amount
1. Residential Sales	11,584	15,844,007	\$ 2,353,816.80	251	11,584	15,844,007	\$ 2,353,816.80
2. Res. Sales - Season		-				-	
3. Irrigation Sales							
4. Rate 21 up to 24 KVA	875	818,047	\$ 142,944.28	63	875	818,047	\$ 142,944.28
5. Rate 51 (25 - 750 KVA)	160	2,010,866	\$ 253,619.47	10	160	2,010,866	\$ 253,619.47
6. Rate 61 (750 KVA & over)	9	1,046,308	\$ 100,714.39	0	9	1,046,308	\$ 100,714.39
7. Rate 61 Demand - 1000				0	-		
8. Rate 71 1000 kw + 425k kwh	-	-	\$ -	0	0	-	\$ -
9. Rate 81	1	581,202	\$ 50,321.84	0	1	581,202	\$ 50,321.84
10. Total Sales of Electric Energy	12,629	20,300,430	2,901,416.78	324	12,629	20,300,430	\$ 2,901,416.78
11. Other Electric Revenue			81,958.22				\$ 81,958.22
12. Total (10 + 11)			2,983,375.00				\$ 2,983,375.00

PART E. KWH AND KW STATISTICS									
ITEM	THIS MONTH		YTD		ITEM	THIS MONTH		YTD	
1. Net kwh Generated					6. Office Use	-		-	
2. KWH Purchased	22,143,092			22,143,092	7. Total Unacct. For	1,842,662		1,842,662	
3. Interchange KWH				-	8. % System Loss	8.3%		8.3%	
4. Total KWH (1 thru 3)	22,143,092			22,143,092	9. Max Demand KW	46,353		46,353	
5. TOTAL KWH SALES	20,300,430			20,300,430	10. Month - Max Demand				1

REVENUE SUMMARY WORKSHEET

Jan-23

	<u>Electric Chg.</u>	<u>YL Chg.</u>	<u>Fuel Chg.</u>	<u>Elec. KWH</u>	<u>YL KWH</u>	<u># YL</u>	<u>BILLS</u>	<u>MIN.BILLS</u>	<u>INTEREST</u>
Rate 11	\$ 414,303.27	\$ 19,737.10	\$ 42,581.10	3,247,013	80,212	1,925	3,782	149	(3.39)
Rate 12	\$ 23,417.40	\$ 2,058.13	\$ 2,707.33	203,505	8,038	178	129	2	0.00
Rate 13	\$ 675,826.79	\$ 18,769.49	\$ 76,880.89	5,930,664	75,184	1,841	3,639	36	(6.65)
Rate 14	\$ 88,466.51	\$ 3,737.24	\$ 9,513.99	728,181	15,280	372	665	14	(0.27)
Rate 16	\$ 623,648.83	\$ 19,121.79	\$ 70,968.12	5,472,625	71,324	1,925	3,337	50	(5.04)
Rate 17	\$ 231.52	\$ 2,201.82	\$ 153.80	-	11,981	196	32	-	0.00
Total - 440.10	\$ 1,825,894.32	\$ 65,625.57	\$ 202,805.23	15,581,988	262,019	6,437	11,584	251	(15.35)
Rate 21	\$ 117,651.43	\$ 3,580.23	\$ 10,426.37	800,353	17,694	275	875	63	-
Total - 442.10	\$ 117,651.43	\$ 3,580.23	\$ 10,426.37	800,353	17,694	275	875	63	0.00
Rate 51	\$ 178,318.23	\$ 5,050.26	\$ 29,540.75	1,986,415	24,451	368	160	10	(0.66)
Rate 61	\$ 86,981.38	\$ 344.81	\$ 13,388.20	1,044,664	1,644	25	9	-	-
Rate 71	\$ -	\$ -	\$ -	-	-	-	-	-	-
Rate 81	\$ 42,832.42	\$ 52.35	\$ 7,437.07	580,800	402	4	1	-	-
Total - 442.20	\$ 308,132.03	\$ 5,447.42	\$ 50,366.02	3,611,879	26,497	397	170	10	(0.66)
GRAND TOTALS	\$ 2,251,677.78	\$ 74,653.22	\$ 263,597.62	19,994,220	306,210	7,109	12,629	324	(16.01)

TOTAL REVENUE \$ 2,589,928.62

Less: Enviro Watts \$ 52.25
 Less: Enviromental Surcharge \$ 236,217.18

TOTAL REVENUE TO EKP \$ 2,353,859.19

Record Sales
 FJ # 19

DR 142.10	2,589,928.62
CR 440.10	2,094,325.12
CR 442.10	131,658.03
CR 442.20	363,945.47

Big Sandy Rural Electric Cooperative Corporation
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Filing Requirements/Exhibit List

Exhibit 24

807 KAR 5:001 Section 16(4)(t)
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

If the utility had amounts charged or allocated to it by an affiliate or general or home office or paid monies to an affiliate or general or home office during the test period or during the previous three (3) calendar years, the utility shall file:

- 1. A detailed description of the method and amounts allocated or charged to the utility by the affiliate or general or home office for each charge allocation or payment;*
- 2. An explanation of how the allocator for the test period was determined; and*
- 3. All facts relied upon, including other regulatory approval, to demonstrate that each amount charged, allocated, or paid during the test period was reasonable.*

Response:

Big Sandy had no amounts charged or allocated to it by an affiliate or general or home office, and Big Sandy did not pay monies to an affiliate or general or home office during the test period or during the previous three (3) calendar years.

Big Sandy Rural Electric Cooperative Corporation
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Exhibit 25

807 KAR 5:001 Section 16(4)(u)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

If the utility provides gas, electric, water or sewage utility service and has annual gross revenues greater than \$5,000,000, a cost of service study based on a methodology generally accepted within the industry and based on current and reliable data from a single time period.

Response:

Please see the Direct Testimony of John Wolfram provided at Exhibit 10 and, in particular, Exhibits JW-3 through JW-8.

Big Sandy Rural Electric Cooperative Corporation
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General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 26

807 KAR 5:001 Section 16(5)(a)
Sponsoring Witnesses: Robin Slone and John Wolfram

Description of Filing Requirement:

A detailed income statement and balance sheet reflecting the impact of all proposed adjustments.

Response:

Please see the Direct Testimony of John Wolfram provided at Exhibit 10. Specifically, the detailed income statement reflecting the impact of all proposed adjustments can be found in Exhibit JW-2, page 3. The balance sheet reflecting the impact of all proposed adjustments can be found in Exhibit JW-2, page 2.

Big Sandy Rural Electric Cooperative Corporation
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Exhibit 27

807 KAR 5:001 Section 16(5)(b)
Sponsoring Witnesses: John Wolfram

Description of Filing Requirement:

The most recent capital construction budget containing at least the period of time as proposed for any pro forma adjustment for plant additions.

Response: Big Sandy does not propose any pro forma adjustment for or reflecting plant additions.

**Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List**

Exhibit 28

**807 KAR 5:001 Section 16(5)(c)
Sponsoring Witnesses: John Wolfram**

Description of Filing Requirement:

For each proposed pro forma adjustment reflecting plant additions, the following information ... [refer to items 1. – 8.]

Response:

Big Sandy does not propose any pro forma adjustments for plant additions. Please see Exhibit 10 of the Application, the Direct Testimony of John Wolfram.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
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Filing Requirements/Exhibit List

Exhibit 29

807 KAR 5:001 Section 16(5)(d)
Sponsoring Witnesses: Robin Slone and John Wolfram

Description of Filing Requirement:

The operating budget for each month of the period encompassing the pro forma adjustments.

Response:

Please see the operating budget in Excel Spreadsheet, uploaded separately in the electronic filing system.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 30

807 KAR 5:001 Section 16(5)(e)
Sponsoring Witness: John Wolfram

Description of Filing Requirement:

The number of customers to be added to the test period end level of customers and the related revenue requirements impact for all pro forma adjustments with complete details and supporting work papers.

Response:

Please see the testimony of John Wolfram provided at Exhibit 10 and, in particular, Exhibit JW-2, Reference Schedule 1.06.

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 31

Case No. 2008-00408
Order entered July 24, 2012
Sponsoring Witness: Robin Slone

Description of Filing Requirement:

“Each electric utility shall integrate energy efficiency resources into its plans and shall adopt policies establishing cost-effective energy efficiency resources with equal priority as other resource options. In each integrated resource plan, certificate case, and rate case, the subject electric utility shall fully explain its consideration of cost-effective energy efficiency resources as defined in the Commission’s IRP regulation (8097 KAR 5:058).”

Response:

In coordination with East Kentucky Power Cooperative, Inc. ("EKPC"), Big Sandy RECC offers the following DSM programs: Direct Load Control -Commercial; Direct Load Control - Residential; Electric Thermal Storage Incentive Program); Button-Up Weatherization; Heat- Pump Retrofit; Touchstone Energy Home; ENERGY ST AR® Manufactured Home; and Community Assistance Resources for Energy Savings; Kentucky Energy Retrofit Rider Program; Community Solar Program; Enviro Watts Program. Big Sandy offered these Demand-Side Management/Energy Efficiency programs to its members during the test year with the assistance of EKPC. In the test year, Big Sandy paid out \$10,708 to its members for these programs, but was reimbursed in full by EKPC, and, there was no impact to the test year expenses.

Case No. 2024-00287
Application-Exhibit 31
No Attachment

Big Sandy Rural Electric Cooperative Corporation
Case No. 2024-00287
General Adjustment of Rates
Filing Requirements/Exhibit List

Exhibit 32

Case No. 2012-00428
Order entered July 24, 2012
Sponsoring Witness:

Description of Filing Requirement:

A discussion of Smart Grid Investments.

Response:

Please see the Direct Testimony of Jeff Prater, provided at Exhibit 8.

Case No. 2024-00287
Application-Exhibit 32
No Attachment