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December 9, 2016

Skill. Integrity. Efficiency.

VIA FEDERAL EXPRESS

Dr. Talina R. Mathews  
Executive Director  
Public Service Commission  
211 Sower Boulevard, P.O. Box 615  
Frankfort, Kentucky 40602-0615

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PUBLIC SERVICE  
COMMISSION

Re: *In the Matter of: an Examination by the Public Service Commission of the Environmental Surcharge Mechanism of Big Rivers Electric Corporation for the Six-Month Billing Period Ending July 31, 2016 and the Pass Through Mechanism of its Three Member Distribution Cooperatives,*  
PSC Case No. 2016-00368

Dear Dr. Mathews:

Enclosed for filing in the above-referenced matter are an original and ten (10) copies of Big Rivers Electric Corporation's responses to the Public Service Commission Staff's first request for information; an original and ten (10) copies of the Direct Testimony of Nicholas R. Castlen on behalf of Big Rivers Electric Corporation, Jackson Purchase Energy Corporation, Kenergy Corp., and Meade County Rural Electric Cooperative Corporation; and an original and ten (10) copies of a petition for confidential treatment relating to certain information contained in the attachments to the response to Item 5 of the information requests. Please note that certain personal information has been redacted from both the confidential and redacted versions of the attachments to the response to Item 5 pursuant to 807 KAR 5:001 Section 4(10), which relates to privacy protection for filings. The redacted personal information consists of business names and/or account numbers for individual retail or wholesale customers. I certify that on this date, a copy of this letter and all attachments were served on all parties of record by first-class mail.

Sincerely,

Tyson Kamuf

TAK/abg  
Enclosures

cc: DeAnna Speed  
Jeff Hohn  
Dennis L. Cannon  
Marty Littrel

# ORIGINAL

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

AN EXAMINATION )  
BY THE PUBLIC SERVICE COMMISSION )  
OF THE ENVIRONMENTAL SURCHARGE )  
MECHANISM OF BIG RIVERS ELECTRIC )  
CORPORATION FOR THE )  
SIX-MONTH BILLING PERIOD ENDING )  
JULY 31, 2016 )  
AND THE PASS THROUGH MECHANISM )  
OF ITS THREE MEMBER DISTRIBUTION )  
COOPERATIVES )

Case No.  
2016-00368

DIRECT TESTIMONY

OF

NICHOLAS R. (NICK) CASTLEN

ON BEHALF OF

BIG RIVERS ELECTRIC CORPORATION,  
JACKSON PURCHASE ENERGY CORPORATION,  
KENERGY CORP., AND  
MEADE COUNTY RURAL ELECTRIC COOPERATIVE CORPORATION

FILED: December 12, 2016

Case No. 2016-00368  
Witness: Nicholas R. Castlen  
Page 1 of 17

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2  
3  
4

**DIRECT TESTIMONY  
OF  
NICHOLAS R. CASTLEN**

5 **Q. Please state your name, business address, and position.**

6 A. My name is Nicholas R. Castlen, and my business address is Big Rivers  
7 Electric Corporation ("Big Rivers"), 201 Third Street, Henderson, Kentucky,  
8 42420. I am the Manager of Finance at Big Rivers.

9 **Q. Please summarize your education and professional experience.**

10 A. I received a Bachelor of Science in Accounting from the University of  
11 Kentucky in 2006, graduating Magna Cum Laude with Departmental Honors  
12 in Accounting, and a Master of Science in Accounting from the University of  
13 Kentucky in 2007. I became a Certified Public Accountant (CPA) in the state  
14 of Kentucky in 2007.

15 Before assuming my current position as Manager of Finance in July  
16 2013, I was a Staff Accountant at Big Rivers primarily responsible for the  
17 accounting and administration of the Company's long- and short-term debt  
18 obligations and various rate mechanisms. Prior to joining Big Rivers, I was  
19 a Revenue Accounting Analyst at LG&E and KU Energy LLC from December  
20 2009 to April 2012, where I was responsible for various financial accounting,  
21 reporting, and analysis roles for retail and wholesale, electric and gas utility  
22 revenues. From January 2006 to December 2009, I was employed by  
23 PricewaterhouseCoopers LLP as an Audit and Assurance Associate.

1 **Q. Please summarize your duties at Big Rivers.**

2 A. As the Manager of Finance, my primary responsibilities involve providing  
3 direction and oversight to corporate accounting and finance activities related  
4 to the Company's financial reporting requirements, debt administration,  
5 financial forecasting, cash management, taxes (income, property, sales, and  
6 use), and fixed assets. Additionally, I am responsible for Big Rivers' Fuel  
7 Adjustment Clause (FAC) and Environmental Surcharge (ES) rate  
8 mechanisms and the related filings with the Kentucky Public Service  
9 Commission (the "Commission").

10 **Q. Have you previously testified before the Commission?**

11 A. Yes. I have provided testimony and responses to data requests in Case Nos.  
12 2012-00534, 2013-00139, 2013-00347, 2014-00097, 2014-00323, 2015-00124,  
13 2015-00320, and 2016-00124 (reviews of Big Rivers' ES mechanism). I have  
14 also served as a witness, providing testimony and/or responses to data  
15 requests, in Case Nos. 2012-00555, 2013-00266, 2013-00449, 2014-00230,  
16 2014-00455, 2015-00237, 2016-00006, and 2016-00235 (reviews of Big Rivers'  
17 FAC mechanism).

18 **Q. On whose behalf are you filing this testimony?**

19 A. I am filing this testimony on behalf of Big Rivers and its three member  
20 distribution cooperatives, which are Jackson Purchase Energy Corporation  
21 ("JPEC"), Kenergy Corp. ("Kenergy"), and Meade County Rural Electric  
22 Cooperative Corporation ("Meade County") (collectively, the "Members").

1 **Q. What is the purpose of your testimony in this proceeding?**

2 A. The purpose of my testimony is to describe the application of Big Rivers' ES  
3 mechanism as billed from February 1, 2016, through July 31, 2016, (which  
4 corresponds to Big Rivers' expense months of December 2015 through May  
5 2016). Additionally, I have coordinated with Big Rivers' Members in the  
6 preparation of this testimony and prepared responses to the Commission  
7 Staff's First Request for Information in this case, dated November 15, 2016,  
8 ("Staff's First Requests") which accompany this testimony.

9 This testimony also includes information the Members have provided  
10 me in support of their pass-through mechanisms which are also under review  
11 in this proceeding, and that the Members use to pass through, to their retail  
12 members, the costs Big Rivers charges to them under Big Rivers' ES  
13 mechanism. The review periods for the Members' pass-through mechanisms,  
14 which correspond to the February 1, 2016, through July 31, 2016, billing  
15 periods for Big Rivers' ES mechanism, are the billing months of March 2016  
16 through August 2016 for non-dedicated delivery point customers (*i.e.*, there  
17 is a one-month lag for non-dedicated delivery point customers) and February  
18 2016 through July 2016 for dedicated delivery point customers (*i.e.*, there is  
19 no billing lag for dedicated delivery point customers).

20 My testimony also addresses the following three questions raised by  
21 the Commission in its November 15, 2016, Order in this case: (a) whether Big  
22 Rivers has considered billing its environmental costs as a direct amount

1 based on the monthly wholesale sales to each Member Cooperative or,  
2 otherwise, why it has not been considered; (b) whether the direct billing of its  
3 monthly environmental costs would eliminate the current over-/under-  
4 recovery amounts that occur from billing environmental costs based on a  
5 factor to its Member Cooperatives; and (c) whether billing a direct amount  
6 for its environmental costs would result in more timely recovery of Big Rivers'  
7 environmental costs.

8           Additionally, my testimony includes responses to the following three  
9 questions included in the Commission's November 15, 2016, Order, which  
10 were addressed to Big Rivers' three Member Cooperatives: (a) whether the  
11 Members have considered being billed a direct amount for environmental  
12 costs based on their monthly purchased power costs or, otherwise, why it has  
13 not been considered; (b) whether a direct charge for environmental costs  
14 would lessen or eliminate the over-/under-recovery amounts that occur from  
15 being billed amounts calculated from an environmental surcharge factor; and  
16 (c) whether being billed a direct amount for environmental costs would cause  
17 the environmental surcharge billings to its retail customers to be less volatile  
18 and result in more timely recovery of environmental costs. My responses to  
19 these additional questions addressed to the Member Cooperatives were  
20 prepared based on discussions with individuals from the Member  
21 Cooperatives responsible for the Members' pass-through mechanisms.

22 **Q. Please provide a brief overview of Big Rivers' ES mechanism.**

1 A. Big Rivers' ES mechanism was approved by Order of the Commission dated  
2 June 25, 2008, in Case No. 2007-00460, which was part of the transaction  
3 that unwound Big Rivers' 1998 lease with E.ON U.S. LLC and its affiliates  
4 (the "Unwind Transaction") that was approved by Order of the Commission  
5 dated March 6, 2009, in Case No. 2007-00455. Big Rivers' ES went into effect  
6 immediately following the July 16, 2009, closing of the Unwind Transaction  
7 for service commencing July 17, 2009.

8 Big Rivers' environmental compliance plan, approved by the  
9 Commission in Case No. 2007-00460 (the "2007 Plan"), consists of programs  
10 and the related costs for controlling sulfur dioxide ("SO<sub>2</sub>"), nitrogen oxide  
11 ("NO<sub>x</sub>"), and sulfur trioxide ("SO<sub>3</sub>"). The environmental compliance costs,  
12 which Big Rivers may recover under KRS 278.183 and its 2007 Plan, include  
13 the costs of reagents, sludge and ash disposal, and emission allowances.

14 For the SO<sub>2</sub> program, Big Rivers recovers through its ES mechanism  
15 the costs of reagents, the costs for the disposal of coal combustion byproducts  
16 (fly ash, bottom ash, and scrubber sludge), and the costs of purchasing SO<sub>2</sub>  
17 emission allowances. For the NO<sub>x</sub> program, Big Rivers recovers the costs of  
18 reagents and the costs of purchasing additional NO<sub>x</sub> emission allowances as  
19 needed. For the SO<sub>3</sub> program, Big Rivers recovers reagent costs. Due to  
20 generating unit design differences and Big Rivers' compliance plan, each of  
21 Big Rivers' generating units utilizes a different combination of reagents.  
22 Depending on the unit facilities, various reagents are used to treat the flue

1 gas, thereby removing the three targeted emissions. The SO<sub>2</sub> reagents are  
2 comprised of emulsified sulfur, lime, fixation lime, limestone, dibasic acid,  
3 and sodium bisulfite. The NO<sub>x</sub> reagents are comprised of anhydrous  
4 ammonia and emulsified sulfur. The reagent used for SO<sub>3</sub> is hydrated lime.  
5 Note that the 2007 Plan included only variable operations and maintenance  
6 (“O&M”) costs.

7 In its Order dated October 1, 2012, in Case No. 2012-00063, the  
8 Commission approved certain additions to Big Rivers’ 2007 Plan relating to  
9 the Mercury and Air Toxics Standards (MATS) rule. The additions (the “2012  
10 Plan”) included installing activated carbon injection and dry sorbent injection  
11 systems and emission control monitors at Big Rivers’ Coleman, Wilson, and  
12 Green generating stations; and installing emission control monitors at  
13 Henderson Municipal Power & Light’s Station Two generation station, which  
14 Big Rivers operates and has contractual rights to a portion of the station’s  
15 generation capacity. The 2012 Plan includes both capital and O&M costs  
16 associated with the projects, as well as recovery of Big Rivers’ actual costs  
17 incurred in Case No. 2012-00063 (amortized over three years).

18 Due to the terminations of retail power contracts with two aluminum  
19 smelters, Big Rivers idled its Coleman generation station in May 2014. As a  
20 result, Big Rivers does not plan to proceed with the MATS projects at the  
21 Coleman station at this time. However, if Big Rivers decides to return the  
22 Coleman station to service, it will be required to complete the MATS projects



1 before doing so.

2 Big Rivers' ES mechanism allows Big Rivers to recover costs related to  
3 its 2007 Plan (which includes only variable O&M costs) and its 2012 Plan  
4 (which includes both O&M and capital costs, as well as a rate of return on  
5 the unrecovered portion of its capital costs), less proceeds from by-product  
6 and emission allowance sales, plus or minus an ongoing cumulative under-  
7 or over-recovery adjustment.

8 **Q. Please provide a brief overview of the Members' pass-through**  
9 **mechanisms.**

10 A. The Members' pass-through mechanisms allow each Member to bill its retail  
11 customers for the portion of Big Rivers' environmental surcharge that it was  
12 billed. JPEC's pass-through mechanism was approved by the Commission in  
13 Case No. 2008-00010; Kenergy's pass-through mechanism was approved by  
14 the Commission in Case No. 2008-00009; and Meade County's pass-through  
15 mechanism was approved by the Commission in Case No. 2007-00470.

16 **Q. Have there been any changes to Big Rivers' ES mechanism since the**  
17 **prior review?**

18 A. No. However, a correction was made in the application of Big Rivers' ES  
19 mechanism, beginning with the October 2016 expense month. As described  
20 in Big Rivers' letter to the Commission dated November 18, 2016, submitted  
21 with Big Rivers' ES filing for the October 2016 expense month, Big Rivers  
22 identified an issue with its previous calculation of Off-System Sales revenues

1 included on Form 3.00 of its monthly ES filing for purposes of calculating the  
2 monthly Member System Allocation Ratio. The issue related specifically to  
3 back-to-back sales (i.e. when Big Rivers sells excess energy to MISO,  
4 purchases that excess energy back from MISO, and then resells that energy  
5 to a counterparty). For expense months prior to October 2016, Big Rivers  
6 double-counted the revenues associated with back-to-back sales (during  
7 months when such sales occurred) by including both the revenues from the  
8 initial sale to MISO and the revenues from the subsequent sale to the  
9 counterparty, while not accounting for the costs associated with purchasing  
10 that energy back from MISO. This caused the Member System Allocation  
11 Ratio to be understated during the months which these sales occurred.

12 Big Rivers corrected this issue beginning with the October 2016  
13 expense month by starting to calculate off-system sales revenues associated  
14 with back-to-back sales (for purposes of calculating the Member System  
15 Allocation Ratio in its monthly ES filing) as: revenues from the initial sale to  
16 MISO *plus* revenues from the subsequent sale to the counterparty *less* the  
17 costs of purchasing the related energy back from MISO.

18 **Q. Has Big Rivers' ES mechanism been accurately compiled, and is it**  
19 **operating as intended?**

20 **A.** Yes, with the correction of the issue described above regarding Big Rivers'  
21 previous calculation of off-system sales revenues for back-to-back sales,  
22 which was corrected beginning with the October 2016 expense month, Big

1 Rivers' ES mechanism has been accurately compiled and is operating  
2 effectively.

3 **Q. Did Big Rivers sell any SO<sub>2</sub> or NO<sub>x</sub> allowances during the expense**  
4 **months corresponding to the billing periods under review in this**  
5 **case?**

6 A. No, Big Rivers did not sell any SO<sub>2</sub> or NO<sub>x</sub> allowances during the expense  
7 months corresponding to the billing periods under review. However, Big  
8 Rivers did receive \$62.15 from the U.S. Environmental Protection Agency  
9 (EPA) in April 2016 for its allocated share of proceeds from the EPA's 2016  
10 allowance auctions held March 29, 2016. Big Rivers included \$91.00 in its  
11 ES filing for the April 2016 expense month as proceeds from "Allowance  
12 Sales" on ES Form 2.00, which consisted of the \$62.15 received from the EPA  
13 in April 2016 for the 2016 allowance auctions plus a prior period adjustment  
14 of \$29.00.

15 **Q. Did Big Rivers recover any capital costs through its ES mechanism**  
16 **during the period under review?**

17 A. Yes. Pursuant to the Commission's October 1, 2012 Order, in Case No. 2012-  
18 00063, Big Rivers recovered capital costs through the monthly depreciation  
19 of its 2012 Plan projects included in the calculation of Total E(m) in its  
20 monthly ES filings during the period under review.

21 **Q. Did Big Rivers earn a rate of return on any capital expenditures**  
22 **through its ES mechanism during the period under review?**

1 A. Yes. Pursuant to the Commission's October 1, 2012 Order, in Case No. 2012-  
2 00063, Big Rivers' earned a rate of return on its Environmental Compliance  
3 Rate Base (calculated on Form 2.00 of its monthly ES filing) equal to its  
4 monthly weighted average cost of debt plus the application of a Times  
5 Interest Earned Ratio (TIER) of 1.24. Detailed calculations of Big Rivers'  
6 monthly Rates of Return on Environmental Compliance Rate Base, for the  
7 expense months during the period under review, are provided in Big Rivers'  
8 response to Staff's First Request, Item 4.

9 **Q. What Base Environmental Surcharge Factor (BESF) cost did Big**  
10 **Rivers use during the review period?**

11 A. Big Rivers had no environmental surcharge related costs included in its base  
12 rates during the review period (i.e. Big Rivers BESF during the review period  
13 was 0.000000%).

14 **Q. Have the Members' pass-through mechanisms been accurately**  
15 **compiled, and are they operating as intended?**

16 A. The Members believe their pass-through mechanisms have been accurately  
17 compiled and are operating as intended.

18 **Q. Were the amounts charged under Big Rivers' ES mechanism during**  
19 **the review period just and reasonable?**

20 A. Yes.

21 **Q. Were the amounts charged under the Members' pass-through**  
22 **mechanisms during the review period just and reasonable?**

1 A. The Members believe the amounts charged under their pass-through  
2 mechanisms are just and reasonable.

3 **Q. Do Big Rivers and its Members have additional over- or under-**  
4 **recovery amounts they believe need to be recognized?**

5 A. No. Big Rivers and its Members are not requesting any additional over- or  
6 under-recovery amounts. The normal over-/under-recovery carry-forward  
7 element of Big Rivers' ES mechanism is operating as intended.

8 **Additional Testimony in Response to the Commission's Questions Directed**  
9 **to Big Rivers Regarding Possible Direct Billing of its ES**

10 In its November 15, 2016, Order, the Commission instructed Big Rivers to  
11 file prepared testimony explaining: (a) whether it has considered billing its  
12 environmental costs as a direct amount based on the monthly wholesale sales to  
13 each Member Cooperative or, otherwise, why it has not been considered; (b)  
14 whether the direct billing of its monthly environmental costs would eliminate the  
15 current over-/under-recovery amounts that occur from billing environmental costs  
16 based on a factor to its Member Cooperatives; and (c) whether billing a direct  
17 amount for its environmental costs would result in more timely recovery of Big  
18 Rivers' environmental costs.

19 **Q. Regarding Item (a), has Big Rivers considered billing its**  
20 **environmental costs as a direct amount based on the monthly**  
21 **wholesale sales to each Member Cooperative?**

22 A. To my knowledge, Big Rivers has not considered billing its environmental

1 costs as a direct amount based on monthly wholesale sales to each Member  
2 Cooperative.

3 **Q. Why has Big Rivers not considered billing its environmental costs as**  
4 **a direct amount based on the monthly wholesale sales to each**  
5 **Member Cooperative?**

6 A. KRS 278.183 states that the recovery of environmental costs “not already  
7 included in existing rates shall be by environmental surcharge to existing  
8 rates imposed as a positive or negative adjustment to customer bills in the  
9 second month following the month in which costs are incurred.” Based on my  
10 interpretation of KRS 278.183, the direct billing of monthly environmental  
11 costs based on the wholesale sales to each Member Cooperative during that  
12 same month would not satisfy this requirement.

13 **Q. Regarding Item (b), would direct billing of Big Rivers’**  
14 **environmental costs eliminate the current over-/under-recovery**  
15 **amounts that occur from billing environmental costs based on a**  
16 **factor to its Member Cooperatives?**

17 A. Yes. Direct billing would eliminate the over-/under-recovery amounts that  
18 result from billing environmental costs based on a factor. The over-/under-  
19 recovery amount currently included in the calculation of Big Rivers’ monthly  
20 ES factor result from differences between the 12-month average Member  
21 revenues used to calculate the ES factor and the actual Member revenues  
22 earned during the service month which the ES factor is applied to. Assuming

1 direct billing would be done by allocating Big Rivers' total jurisdictional  
2 environmental costs each month between the three Member Cooperatives  
3 proportionately based on each Member Cooperatives' total revenue (or sales  
4 volume) for that same month, such a difference would not exist, and there  
5 would be no over-/under-recovery.

6 **Q. Regarding Item (c), would billing a direct amount for Big Rivers**  
7 **environmental costs result in more timely recovery of Big Rivers'**  
8 **environmental costs?**

9 A. No. Because Big Rivers calculates its monthly ES factor based on the  
10 expense month (e.g. January 2016) and applies that ES factor to service  
11 delivered during the following month (e.g. February 2016), it is able to  
12 prepare invoices and bill the Member Cooperatives for service delivered each  
13 month within the first five (5) business days of the following month (e.g. bill  
14 for February 2016 service by March 7, 2016). However, using the same  
15 months for comparison, if Big Rivers changed to a direct billing approach, it  
16 would not be able to bill the Member Cooperatives for service delivered  
17 during February 2016 until all the environmental expenses and other  
18 accounting data for February 2016 had been compiled and finalized, which  
19 would be approximately March 15, 2016. Additionally, pursuant to KRS  
20 278.183, Big Rivers is required to file the ES amounts to be billed to the  
21 Member Cooperatives within ten (10) days before it is scheduled to go into  
22 effect. As a result, Big Rivers would not be able to bill the Member

1 Cooperatives for February 2016 service until approximately March 25, 2016  
2 (compared with March 7, 2016, under Big Rivers' current ES rate  
3 mechanism).

4 **Additional Testimony in Response to the Commission's Questions Directed**  
5 **to Big Rivers' Member Cooperatives Regarding Direct Billing of**  
6 **Environmental Costs by Big Rivers**

7 In its November 15, 2016, Order, the Commission also instructed each of  
8 Big Rivers' three Member Cooperatives to file prepared testimony explaining: (a)  
9 whether they have considered being billed a direct amount for environmental  
10 costs based on its monthly purchased power costs or, otherwise, why it has not  
11 been considered; (b) whether a direct charge for environmental costs would lessen  
12 or eliminate the over-/under-recovery amounts that occur from being billed  
13 amounts calculated from an environmental surcharge factor; and (c) whether  
14 being billed a direct amount for environmental costs would cause the  
15 environmental surcharge billings to its retail customers to be less volatile and  
16 result in more timely recovery of environmental costs.

17 **Q. Regarding Item (a), have the Members considered being billed a**  
18 **direct amount for environmental costs based on their respective**  
19 **monthly purchased power costs?**

20 **A.** Based on discussions with each of Big Rivers' Members, the Members have  
21 not considered being billed a direct amount for environmental costs based  
22 on their respective monthly purchased power costs.



1 **Q. Why have the Members not considered being billed a direct amount**  
2 **for environmental costs based on their respective monthly**  
3 **purchased power costs?**

4 A. The Members believe that the current ES mechanism works effectively and  
5 does not adversely impact their cash flows or financial position.  
6 Additionally, the Members are not aware of any jurisdictional utility that  
7 currently uses a direct billing approach, and, based on their interpretation  
8 of how the direct billing approach would work, they do not believe it would  
9 satisfy the requirement of KRS 278.183 for environmental costs not  
10 included in existing base rates to be billed by environmental surcharge as a  
11 positive or negative adjustment to customer bills in the second month  
12 following the month in which the costs are incurred.

13 **Q. Regarding Item (b), would a direct charge for environmental costs**  
14 **lessen or eliminate the over-/under-recovery amounts that occur**  
15 **from being billed amounts calculated from an environmental**  
16 **surcharge factor?**

17 A. The Members believe that billing a direct charge would lessen or eliminate  
18 the over-/under-recovery amounts that occur from being billed amounts  
19 calculated from an environmental surcharge factor for the same reasons as  
20 those described on pages 13-14 of my testimony.

1 **Q. Regarding Item (c), would being billed a direct charge for environmental costs**  
2 **cause billings to its retail members to be less volatile and result in a more timely**  
3 **recovery.**

4 A. The Members do not believe that being billed a direct charge for  
5 environmental costs would cause billings to its retail members to be less  
6 volatile. Also, for the same reasons as those stated on pages 14-15 of my  
7 testimony, the Members do not believe that being billed a direct charge for  
8 environmental costs would yield a more timely recovery.

9 **Q. Does this conclude your testimony?**

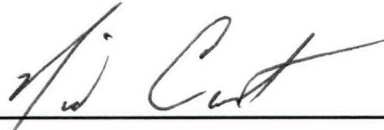
10 A. Yes, it does.

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION  
BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF BIG RIVERS  
ELECTRIC CORPORATION FOR THE  
SIX-MONTH BILLING PERIOD ENDING  
JULY 31, 2016 AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**VERIFICATION**

I, Nicholas R. (Nick) Castlen, verify, state, and affirm that I prepared or supervised the preparation of the Direct Testimony filed with this Verification, and that Direct Testimony is true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



\_\_\_\_\_  
Nicholas R. (Nick) Castlen

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Nicholas R. (Nick) Castlen on this the 7 day of December, 2016.



\_\_\_\_\_  
Notary Public, Kentucky State at Large

My Commission Expires 10/31/2020



**ORIGINAL**



Your Touchstone Energy® Cooperative 

**COMMONWEALTH OF KENTUCKY**

**BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY**

**In the Matter of:**

**AN EXAMINATION )  
BY THE PUBLIC SERVICE COMMISSION )  
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MECHANISM OF BIG RIVERS ELECTRIC )  
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OF ITS THREE MEMBER DISTRIBUTION )  
COOPERATIVES )**

**Case No.  
2016-00368**

**Responses to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**FILED: December 12, 2016**

**ORIGINAL**

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION  
BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF BIG RIVERS  
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JULY 31, 2016 AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**VERIFICATION**

I, Donna M. Windhaus, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

*Donna M. Windhaus*

\_\_\_\_\_  
Donna M. Windhaus

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Donna M. Windhaus on this  
the 7 day of December, 2016.

*Kathleen Ridley*

\_\_\_\_\_  
Notary Public, Kentucky State at Large

My Commission Expires

10/31/2020

**BIG RIVERS ELECTRIC CORPORATION**  
**AN EXAMINATION**  
**BY THE PUBLIC SERVICE COMMISSION**  
**OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF BIG RIVERS**  
**ELECTRIC CORPORATION FOR THE**  
**SIX-MONTH BILLING PERIOD ENDING**  
**JULY 31, 2016 AND THE PASS THROUGH MECHANISM**  
**OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES**  
**CASE NO. 2016-00368**

**VERIFICATION**

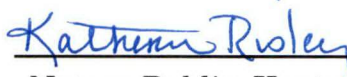
I, Nicholas R. (Nick) Castlen, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



\_\_\_\_\_  
Nicholas R. (Nick) Castlen

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Nicholas R. (Nick) Castlen on this the 7 day of December, 2016.



\_\_\_\_\_  
Notary Public, Kentucky State at Large

My Commission Expires

10/31/2020

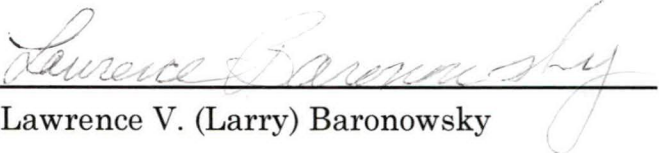


**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION  
BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF BIG RIVERS  
ELECTRIC CORPORATION FOR THE  
SIX-MONTH BILLING PERIOD ENDING  
JULY 31, 2016 AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**


**VERIFICATION**

I, Lawrence V. (Larry) Baronowsky, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.

  
Lawrence V. (Larry) Baronowsky

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Lawrence V. (Larry) Baronowsky on this the 7 day of December, 2016.

  
Notary Public, Kentucky State at Large  
My Commission Expires 10/31/2020



**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

1 **Item 1)** *Prepare a summary schedule showing the calculation of  $E(m)$*   
2 *and the surcharge factor for the expense months covered by the billing*  
3 *period under review. Form 1.1 can be used as a model for this summary.*  
4 *Include the two expense months subsequent to the billing period in order to*  
5 *show the over- and under-recovery adjustments for the months included for*  
6 *the billing period. Include a calculation of any additional over- or under-*  
7 *recovery amount Big Rivers believes needs to be recognized for the billing*  
8 *period under review. Provide all supporting calculations and*  
9 *documentation in Excel spreadsheet format with formulas intact and*  
10 *unprotected and all rows and columns fully accessible.*

11

12 **Response)** Please see the attachment to this response for a summary schedule  
13 showing the calculation of  $E(m)$  and the surcharge factor for the expense months of  
14 December 2015 through July 2016 (*i.e.*, the expense months covered by the billing  
15 period under review, plus the two expense months subsequent to the billing period  
16 under review).

17 All supporting calculations and documentation are provided in Excel  
18 format, with formulas intact and unprotected and all rows and columns fully  
19 accessible, on the CD accompanying these responses. No additional over- or under-  
20 recovery is being requested by Big Rivers for the billing period under review.

21



**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

1 **Witness)** Nicholas R. Castlen

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Calculation of Total E(m) and Jurisdictional Surcharge Billing Factor**  
**For the Expense Months: December 2015 to July 2016**

	Dec-2015	Jan-2016	Feb-2016	Mar-2016	Apr-2016	May-2016	Jun-2016	Jul-2016
<b>Calculation of Total E(m)</b>								
E(m) = OE - BAS + RORB, where								
OE = Pollution Control Operating Expenses								
BAS = Total Proceeds from By-Product and Allowance Sales								
RORB = [ (RB/12) x (RORORB) ]								
OE	= \$ 1,872,922	\$ 1,849,337	\$ 2,249,027	\$ 2,307,761	\$ 2,551,737	\$ 2,392,474	\$ 2,469,374	\$ 2,989,315
BAS	= \$ -	\$ -	\$ -	\$ -	\$ 91	\$ -	\$ -	\$ -
RORB	= \$ 133,327	\$ 136,469	\$ 140,988	\$ 145,515	\$ 150,733	\$ 151,647	\$ 152,733	\$ 153,253
E(m)	= \$ 2,006,249	\$ 1,985,806	\$ 2,390,015	\$ 2,453,276	\$ 2,702,379	\$ 2,544,121	\$ 2,622,107	\$ 3,142,568
<b>Calculation of Jurisdictional Environmental Surcharge Billing Factor</b>								
Jurisdictional Allocation Ratio for the Month	= 56.541927%	55.996848%	51.800691%	52.377123%	48.671082%	47.519361%	62.839495%	50.995850%
Jurisdictional E(m) = E(m) x Jurisdictional Allocation Ratio	= \$ 1,134,372	\$ 1,111,989	\$ 1,238,044	\$ 1,284,955	\$ 1,315,277	\$ 1,208,950	\$ 1,647,719	\$ 1,602,579
Adjustment for (Over)/Under Recovery	= \$ 81,322	\$ 27,742	\$ (263,421)	\$ (76,323)	\$ 86,801	\$ 187,590	\$ 138,891	\$ (170,306)
Prior Period Adjustment (if necessary)	= \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Jurisdictional E(m) = Jurisdictional E(m) plus (Over)/Under plus Prior Period Adjustment	= \$ 1,215,694	\$ 1,139,731	\$ 974,623	\$ 1,208,632	\$ 1,402,078	\$ 1,396,540	\$ 1,786,610	\$ 1,432,273
R(m) = Average Monthly Member System Revenue for 12 Months Ending with Current Expense Month	= \$ 17,246,273	\$ 17,268,784	\$ 17,090,025	\$ 16,866,302	\$ 16,953,598	\$ 16,963,212	\$ 17,109,244	\$ 17,191,379
Jurisdictional Environmental Surcharge Billing Factor: CESF: E(m) / R(m); as a % of Revenue	= 7.049024%	6.599949%	5.702876%	7.165957%	8.270091%	8.232757%	10.442367%	8.331344%

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

1 **Item 2)** *For each of the three Member Cooperatives, prepare a summary*  
2 *schedule showing the Member Cooperative's pass-through revenue*  
3 *requirement for the months corresponding with the billing period under*  
4 *review. Include the two months subsequent to the billing period included*  
5 *in the review period. Include a calculation of any additional over- or*  
6 *under-recovery amount the Member Cooperative believes needs to be*  
7 *recognized for the billing period under review. Provide all supporting*  
8 *calculations and documentation in Excel spreadsheet format with*  
9 *formulas intact and unprotected and all rows and columns fully accessible.*

10

11 **Response)** The attached two sets of schedules (Attachment 1 for non-dedicated  
12 delivery points and Attachment 2 for dedicated delivery points) reflect Big Rivers'  
13 Members' Environmental Surcharge (ES) pass-through revenue requirement for  
14 the months corresponding to Big Rivers' expense months of December 2015 through  
15 July 2016, applied to Members' invoices for service delivered during the months of  
16 January 2016 through August 2016, which Big Rivers billed to its Members during  
17 the months of February 2016 through September 2016 (*i.e.*, the billing period under  
18 review, plus the two months subsequent to the billing period under review).

19 The information provided in the attached schedules was obtained from  
20 Big Rivers' Members' monthly Environmental Surcharge Schedules. Other than  
21 the on-going cumulative over/under recovery mechanism, no additional over/under  
22 recovery amount is requested.

**BIG RIVERS ELECTRIC CORPORATION**  
**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION**  
**OF THE ENVIRONMENTAL SURCHARGE MECHANISM**  
**OF BIG RIVERS ELECTRIC CORPORATION**  
**FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016**  
**AND THE PASS THROUGH MECHANISM**  
**OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES**  
**CASE NO. 2016-00368**

**Response to Commission Staff's**  
**First Request for Information**  
**dated November 15, 2016**

**December 12, 2016**

1           Please note that in an attempt to better illustrate the relationship  
2 between Big Rivers' ES mechanism and the Member Cooperatives' pass-through  
3 mechanism, including how Big Rivers' expense months, service months, and billing  
4 months correspond to the months in which the related amounts are billed to retail  
5 customers by the Member Cooperatives', the following four columns have been  
6 added to the attached schedules, which were not included in the previous schedules  
7 provided by Big Rivers in prior ES review cases:

- 8                   1. Column (a) "Big Rivers' Expense Month"
- 9                   2. Column (b) "Big Rivers' ES Factor Based on Expense Month"
- 10                  3. Column (d) "Month Billed by Big Rivers"
- 11                  4. Column (f) "Month Billed by [Member Cooperative's name]"

12           All supporting calculations and documentation are provided in Excel  
13 spreadsheet format, with formulas intact and unprotected and all rows and columns  
14 fully accessible, on the CD accompanying these responses.

15  
16  
17 **Witness)**   Nicholas R. Castlen

**Big Rivers Electric Corporation  
Case No. 2016-00368**

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
NON-DEDICATED DELIVERY POINT CUSTOMERS

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	Big Rivers' Expense Month	Big Rivers' ES Factor Based on Expense Month	Big Rivers' Service Month	Month Billed by Big Rivers	Big Rivers' Invoice ES Amount for the Service Month	Month Billed by JPEC	ES Amount Billed to JPEC's Customers (Line 11 per Filing)	JPEC's (Over)/Under Recovery [from (j)]	JPEC's Total Recoverable [(e) + (h)]	JPEC's (Over)/Under Recovery [(i) for 3rd preceding month less (g) for current month]
8	Dec-15	7.049024%	Jan-16	Feb-16	\$ 313,020.82	Mar-16	\$ 219,834.32	\$ (24,583.25)	\$ 288,437.57	\$ (24,583.25)
9	Jan-16	6.599949%	Feb-16	Mar-16	\$ 253,821.12	Apr-16	\$ 245,088.32	\$ (62,068.66)	\$ 191,752.46	\$ (62,068.66)
10	Feb-16	5.702876%	Mar-16	Apr-16	\$ 173,511.73	May-16	\$ 304,780.38	\$ (45,158.89)	\$ 128,352.84	\$ (45,158.89)
11	Mar-16	7.165957%	Apr-16	May-16	\$ 205,494.40	Jun-16	\$ 225,393.42	\$ 63,044.15	\$ 268,538.55	\$ 63,044.15
12	Apr-16	8.270091%	May-16	Jun-16	\$ 264,612.27	Jul-16	\$ 147,147.38	\$ 44,605.08	\$ 309,217.35	\$ 44,605.08
13	May-16	8.232757%	Jun-16	Jul-16	\$ 363,164.24	Aug-16	\$ 115,931.92	\$ 12,420.92	\$ 375,585.16	\$ 12,420.92
14	Jun-16	10.442367%	Jul-16	Aug-16	\$ 487,297.93	Sep-16	\$ 336,615.14	\$ (68,076.59)	\$ 419,221.34	\$ (68,076.59)
15	Jul-16	8.331344%	Aug-16	Sep-16	\$ 373,881.68	Oct-16	\$ 452,973.38	\$ (143,756.03)	\$ 230,125.65	\$ (143,756.03)

**Big Rivers Electric Corporation  
Case No. 2016-00368**

KENERGY CORP.										
NON-DEDICATED DELIVERY POINT CUSTOMERS										
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Big Rivers' Expense Month	Big Rivers' ES Factor Based on Expense Month	Big Rivers' Service Month	Month Billed by Big Rivers	Big Rivers' Invoice ES Amount for the Service Month	Month Billed by Kenergy	ES Amount Billed to Kenergy's Customers (Line 11 per Filing)	Kenergy's (Over)/Under Recovery [from (j)]	Kenergy's Total Recoverable [(e) + (h)]	Kenergy's (Over)/Under Recovery [(i) for 2nd preceding month less (g) for current month]	
8	Dec-15	7.049024%	Jan-16	Feb-16	\$ 576,129.63	Mar-16	\$ 317,951.57	\$ (23,818.45)	\$ 552,311.18	\$ (23,818.45)
9	Jan-16	6.599949%	Feb-16	Mar-16	\$ 467,310.47	Apr-16	\$ 436,864.88	\$ (54,349.27)	\$ 412,961.20	\$ (54,349.27)
10	Feb-16	5.702876%	Mar-16	Apr-16	\$ 322,169.29	May-16	\$ 492,415.85	\$ 59,895.33	\$ 382,064.62	\$ 59,895.33
11	Mar-16	7.165957%	Apr-16	May-16	\$ 360,999.50	Jun-16	\$ 354,698.14	\$ 58,263.06	\$ 419,262.56	\$ 58,263.06
12	Apr-16	8.270091%	May-16	Jun-16	\$ 470,408.12	Jul-16	\$ 362,483.92	\$ 19,580.70	\$ 489,988.82	\$ 19,580.70
13	May-16	8.232757%	Jun-16	Jul-16	\$ 623,690.37	Aug-16	\$ 434,672.44	\$ (15,409.88)	\$ 608,280.49	\$ (15,409.88)
14	Jun-16	10.442367%	Jul-16	Aug-16	\$ 834,216.13	Sep-16	\$ 614,552.45	\$ (124,563.63)	\$ 709,652.50	\$ (124,563.63)
15	Jul-16	8.331344%	Aug-16	Sep-16	\$ 678,631.33	Oct-16	\$ 612,032.85	\$ (3,752.36)	\$ 674,878.97	\$ (3,752.36)

**Big Rivers Electric Corporation  
Case No. 2016-00368**

MEADE COUNTY RURAL ELECTRIC COOPERATIVE CORPORATION (MCRECC)  
NON-DEDICATED DELIVERY POINT CUSTOMERS

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Big Rivers' Expense Month	Big Rivers' ES Factor Based on Expense Month	Big Rivers' Service Month	Month Billed by Big Rivers	Big Rivers' Invoice ES Amount for the Service Month	Month Billed by MCRECC	ES Amount Billed to MCRECC's Customers (Line 11 per Filing)	MCRECC's (Over)/Under Recovery [from (j)]	MCRECC's Total Recoverable [(e) + (h)]	MCRECC's (Over)/Under Recovery [(i) for 1st preceding month less (g) for current month]
Dec-15	7.049024%	Jan-16	Feb-16	\$ 261,390.79	Mar-16	\$ 210,644.46	\$ (52,455.10)	\$ 208,935.69	\$ (52,455.10)
Jan-16	6.599949%	Feb-16	Mar-16	\$ 199,292.59	Apr-16	\$ 181,653.02	\$ 27,282.67	\$ 226,575.26	\$ 27,282.67
Feb-16	5.702876%	Mar-16	Apr-16	\$ 131,376.82	May-16	\$ 171,165.59	\$ 55,409.67	\$ 186,786.49	\$ 55,409.67
Mar-16	7.165957%	Apr-16	May-16	\$ 137,205.23	Jun-16	\$ 168,227.27	\$ 18,559.22	\$ 155,764.45	\$ 18,559.22
Apr-16	8.270091%	May-16	Jun-16	\$ 171,691.28	Jul-16	\$ 152,841.83	\$ 2,922.62	\$ 174,613.90	\$ 2,922.62
May-16	8.232757%	Jun-16	Jul-16	\$ 221,938.05	Aug-16	\$ 225,207.28	\$ (50,593.38)	\$ 171,344.67	\$ (50,593.38)
Jun-16	10.442367%	Jul-16	Aug-16	\$ 299,202.24	Sep-16	\$ 183,552.54	\$ (12,207.87)	\$ 286,994.37	\$ (12,207.87)
Jul-16	8.331344%	Aug-16	Sep-16	\$ 242,802.51	Oct-16	\$ 287,498.51	\$ (504.14)	\$ 242,298.37	\$ (504.14)

**Big Rivers Electric Corporation  
Case No. 2016-00368**

JACKSON PURCHASE ENERGY CORPORATION (JPEC) DEDICATED DELIVERY POINT CUSTOMERS								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Big Rivers' Expense Month	Big Rivers' ES Factor Based on Expense Month	Big Rivers' Service Month	Month Billed by Big Rivers	Big Rivers' Invoice ES Amount for the Service Month	Month Billed by JPEC	ES Amount Billed to JPEC's Customers	JPEC's Monthly (Over)/Under Recovery [column (e) less column (g)]	
Dec-15	7.049024%	Jan-16	Feb-16	\$ 2,207.11	Feb-16	\$ 2,207.11	\$ -	
Jan-16	6.599949%	Feb-16	Mar-16	\$ 2,271.71	Mar-16	\$ 2,271.71	\$ -	
Feb-16	5.702876%	Mar-16	Apr-16	\$ 1,873.70	Apr-16	\$ 1,873.70	\$ -	
Mar-16	7.165957%	Apr-16	May-16	\$ 2,638.34	May-16	\$ 2,638.34	\$ -	
Apr-16	8.270091%	May-16	Jun-16	\$ 5,104.43	Jun-16	\$ 5,104.43	\$ -	
May-16	8.232757%	Jun-16	Jul-16	\$ 3,383.89	Jul-16	\$ 3,383.89	\$ -	
Jun-16	10.442367%	Jul-16	Aug-16	\$ 6,822.16	Aug-16	\$ 6,822.16	\$ -	
Jul-16	8.331344%	Aug-16	Sep-16	\$ 5,436.70	Sep-16	\$ 5,436.70	\$ -	

KENERGY CORP. DEDICATED DELIVERY POINT CUSTOMERS								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Big Rivers' Expense Month	Big Rivers' ES Factor Based on Expense Month	Big Rivers' Service Month	Month Billed by Big Rivers	Big Rivers' Invoice ES Amount for the Service Month	Month Billed by Kenergy	ES Amount Billed to Kenergy's Customers	Kenergy's Monthly (Over)/Under Recovery [column (e) less column (g)]	
Dec-15	7.049024%	Jan-16	Feb-16	\$ 326,366.40	Feb-16	\$ 326,366.40	\$ -	
Jan-16	6.599949%	Feb-16	Mar-16	\$ 293,358.47	Mar-16	\$ 293,358.47	\$ -	
Feb-16	5.702876%	Mar-16	Apr-16	\$ 258,890.38	Apr-16	\$ 258,890.38	\$ -	
Mar-16	7.165957%	Apr-16	May-16	\$ 314,704.05	May-16	\$ 314,704.05	\$ -	
Apr-16	8.270091%	May-16	Jun-16	\$ 351,371.11	Jun-16	\$ 351,371.11	\$ -	
May-16	8.232757%	Jun-16	Jul-16	\$ 354,669.33	Jul-16	\$ 354,669.33	\$ -	
Jun-16	10.442367%	Jul-16	Aug-16	\$ 463,673.76	Aug-16	\$ 463,673.76	\$ -	
Jul-16	8.331344%	Aug-16	Sep-16	\$ 375,745.12	Sep-16	\$ 375,745.12	\$ -	

31 Note: Meade County Rural Electric Cooperative Corporation (MCRECC) has no dedicated delivery point customers.



**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

1 **Item 3)** *Refer to Form 2.5, Operating and Maintenance Expenses, for*  
2 *each of the expense months covered by each billing period under review. For*  
3 *each of the expense line items listed on this schedule, explain the reason(s)*  
4 *for any change in the expense levels from month to month if that change is*  
5 *greater than plus or minus 10 percent.*

6

7 **Response)** Please see the attached schedule of Operating and Maintenance  
8 ("O&M") expenses, including the requested variance explanations, for the six  
9 expense months covered by the billing period under review.

10

11

12 **Witnesses)** Nicholas R. Castlen (*Schedules of O&M Expenses*) and  
13 Lawrence V. Baronowsky (*Reason(s) for Changes in Expense Levels*)

Case No. 2016-00368

Response to Staff Item 3

**Witnesses: Nicholas R. Castlen (*Schedule of O&M Expenses*) and  
Lawrence V. Baronowsky (*Reason(s) for Changes in Expense Levels*)**

Page 1 of 1

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Form 2.50 - Operating and Maintenance Expense Analysis**

**NOx Plan:**

Expense Month	Nov-15	Dec-15	Dec-15 vs. Nov-15 % Change	Jan-16	Jan-16 vs. Dec-15 % Change	Feb-16	Feb-16 vs. Jan-16 % Change	Mar-16	Mar-16 vs. Feb-16 % Change	Apr-16	Apr-16 vs. Mar-16 % Change	May-16	May-16 vs. Apr-16 % Change
<b>NOx Plan</b>													
Anhydrous Ammonia	\$ 126,502	\$ 125,534	-1%	\$ 73,291	-42%	\$ 63,659	-13%	\$ 99,451	56%	\$ 89,585	-10%	\$ 108,949	22%
Emulsified Sulphur for NOx	-	-	Note 1	-	Note 1	-	Note 1	-	Note 1	-	Note 1	-	Note 1
<b>Total NOx Plan O&amp;M Expenses</b>	<b>\$ 126,502</b>	<b>\$ 125,534</b>	<b>-1%</b>	<b>\$ 73,291</b>	<b>-42%</b>	<b>\$ 63,659</b>	<b>-13%</b>	<b>\$ 99,451</b>	<b>56%</b>	<b>\$ 89,585</b>	<b>-10%</b>	<b>\$ 108,949</b>	<b>22%</b>

**SO2 Plan:**

Expense Month	Nov-15	Dec-15	Dec-15 vs. Nov-15 % Change	Jan-16	Jan-16 vs. Dec-15 % Change	Feb-16	Feb-16 vs. Jan-16 % Change	Mar-16	Mar-16 vs. Feb-16 % Change	Apr-16	Apr-16 vs. Mar-16 % Change	May-16	May-16 vs. Apr-16 % Change
<b>SO2 Plan Expenses:</b>													
Disposal-Flyash/Bottom	\$ 434,507	\$ 455,377	5%	\$ 421,547	-7%	\$ 608,497	44%	\$ 533,009	-12%	\$ 599,083	12%	\$ 533,749	-11%
Fixation Lime	186,688	224,646	20%	196,043	-13%	157,912	-19%	219,537	39%	175,661	-20%	108,361	-38%
Reagent-Limestone	199,914	151,157	-24%	127,101	-16%	173,378	36%	154,668	-11%	149,678	-3%	163,644	9%
Reagent-Lime	599,437	728,616	22%	920,229	26%	1,075,996	17%	1,070,946	0%	1,000,796	-7%	778,840	-22%
Emulsified Sulphur for SO2	10,555	33,564	218%	18,253	-46%	18,353	1%	11,936	-35%	18,373	54%	17,931	-2%
Reagent-DiBasic Acid	91,433	121,278	33%	59,229	-51%	120,802	104%	121,224	0%	92,275	-24%	106,699	16%
Reagent-Sodium BiSulfite for SO2	45,180	32,143	-29%	21,271	-34%	18,974	-11%	33,396	76%	75,050	125%	27,318	-64%
<b>Total SO2 Plan O&amp;M Expenses</b>	<b>\$ 1,567,714</b>	<b>\$ 1,746,781</b>	<b>11%</b>	<b>\$ 1,763,673</b>	<b>1%</b>	<b>\$ 2,173,912</b>	<b>23%</b>	<b>\$ 2,144,716</b>	<b>-1%</b>	<b>\$ 2,110,916</b>	<b>-2%</b>	<b>\$ 1,736,542</b>	<b>-18%</b>

**SO3 Plan:**

Expense Month	Nov-15	Dec-15	Dec-15 vs. Nov-15 % Change	Jan-16	Jan-16 vs. Dec-15 % Change	Feb-16	Feb-16 vs. Jan-16 % Change	Mar-16	Mar-16 vs. Feb-16 % Change	Apr-16	Apr-16 vs. Mar-16 % Change	May-16	May-16 vs. Apr-16 % Change
<b>SO3 Plan Expenses:</b>													
Hydrated Lime - SO3	\$ 7,180	\$ -	-100%	\$ 11,907	Note 1	\$ 11,085	-7%	\$ 63,143	470%	\$ 5,116	-92%	\$ (2,390)	-147%
<b>Total SO3 Plan O&amp;M Expenses</b>	<b>\$ 7,180</b>	<b>\$ -</b>	<b>-100%</b>	<b>\$ 11,907</b>	<b>Note 1</b>	<b>\$ 11,085</b>	<b>-7%</b>	<b>\$ 63,143</b>	<b>470%</b>	<b>\$ 5,116</b>	<b>-92%</b>	<b>\$ (2,390)</b>	<b>-147%</b>

**2012 Plan:**

Expense Month	Nov-15	Dec-15	Dec-15 vs. Nov-15 % Change	Jan-16	Jan-16 vs. Dec-15 % Change	Feb-16	Feb-16 vs. Jan-16 % Change	Mar-16	Mar-16 vs. Feb-16 % Change	Apr-16	Apr-16 vs. Mar-16 % Change	May-16	May-16 vs. Apr-16 % Change
<b>2012 Plan Expenses:</b>													
Project 9 - Wilson Hg	\$ -	\$ -	Note 1	\$ -	Note 1	\$ -	Note 1	\$ -	Note 1	\$ 18,760	Note 1	\$ 80,963	332%
Project 10 - Green Hg	-	-	Note 1	-	Note 1	-	Note 1	-	Note 1	305,269	Note 1	401,206	31%
Project 11 - HMP&L Hg	-	-	Note 1	-	Note 1	-	Note 1	-	Note 1	19,763	Note 1	6,359	-68%
<b>Total 2012 Plan</b>	<b>\$ -</b>	<b>\$ -</b>	<b>Note 1</b>	<b>\$ -</b>	<b>Note 1</b>	<b>\$ -</b>	<b>Note 1</b>	<b>\$ -</b>	<b>Note 1</b>	<b>\$ 343,792</b>	<b>Note 1</b>	<b>\$ 488,528</b>	<b>42%</b>

<b>Total</b>	<u>\$1,701,396</u>	<u>\$1,872,315</u>	<u>\$1,848,871</u>	<u>\$2,248,656</u>	<u>\$2,307,310</u>	<u>\$2,549,409</u>	<u>\$2,331,629</u>
--------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------

Note 1: Percentage change not calculated because the cost incurred during the prior expense month was \$0.

Note 2: The monthly totals for Disposal Bottom Ash, Disposal Flyash and Disposal Flyash/Bottom Ash/Sludge have been consolidated due to similarity to better facilitate comparabil

Case No. 2016-00368

Attachment for Response to PSC 1-3

Witnesses: Nicholas R. Castlen and Lawrence V. Baronowsky

Page 1 of 4

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Form 2.50 - Operating and Maintenance Expense Analysis**

**Variance Explanations:**

Anhydrous Ammonia:

Jan-16 vs Dec-15	-42%	The decrease was due to low load operation at HMP&L that reduces ammonia requirement and timing of product delivery and
Feb-16 vs Jan-16	-13%	The decrease was due to low load operation at HMP&L that reduces ammonia requirement and a reagent price reduction along with timing of product delivery and invoicing at Wilson.
Mar-16 vs Feb-16	56%	The increase was due to operating the HMP&L units at higher load which increases ammonia requirement and timing of product delivery and invoicing at Wilson.
May-16 vs Apr-16	22%	The increase was due to a 21% increase in generation at Wilson in May because of an unplanned outage in April.

Disposal-Flyash/Bottom Ash/ Sludge:

Feb-16 vs Jan-16	44%	The increase was due to increased generation and fuel burn at Green and HMP&L and increased generation and fuel burn at Wilson in February because of an unplanned outage in January.
Mar-16 vs Feb-16	-12%	The decrease was due to a decrease in generation and fuel burn at Green and HMP&L and a reduction in cost per ton for the Wilson landfill contractor.
Apr-16 vs Mar-16	12%	The increase was due to a 14.7% increase in generation and 15% increase fuel burn at Green.
May-16 vs Apr-16	-11%	The decrease was due to fewer tons of bottom ash hauled by the contractor at Green and HMP&L during May.

Fixation Lime:

Dec-15 vs Nov-15	20%	The increase was due to an 18.8% increase in generation and 24% increase in fuel burn at Green and HMP&L.
Jan-16 vs Dec-15	-13%	The decrease was due to operational needs at the Wilson landfill. Less fixation lime is required when filling in interior areas away from the outer walls.
Feb-16 vs Jan-16	-19%	The decrease was due to timing of product delivery and invoicing and operational needs at the Wilson landfill.
Mar-16 vs Feb-16	39%	The increase was due to timing of product delivery and invoicing and operational needs at the Wilson landfill.
Apr-16 vs Mar-16	-20%	The decrease was due to operational needs at the Wilson landfill and a 56% reduction in generation at HMP&L due to a maintenance outage in April.
May-16 vs Apr-16	-38%	The decrease was due to operational needs at the Wilson landfill and reduction in generation at HMP&L due to a maintenance

Reagent-Limestone:

Dec-15 vs Nov-15	-24%	The decrease was due to an 18% decrease in generation at Wilson in December because of an unplanned outage.
Jan-16 vs Dec-15	-16%	The decrease was due to timing of product delivery and invoicing at Wilson.
Feb-16 vs Jan-16	36%	The increase was due to an 8% increase in generation and timing of product delivery and invoicing at Wilson.
Mar-16 vs Feb-16	-11%	The decrease was due to timing of product delivery and invoicing at Wilson.

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Form 2.50 - Operating and Maintenance Expense Analysis**

**Variance Explanations (continued):**

**Reagent-Lime:**

Dec-15 vs Nov-15	22%	The increase was due to an 18.8% increase in generation and 24% increase in fuel burn at Green and HMP&L.
Jan-16 vs Dec-15	26%	The increase was due to a 100% increase in generation at HMP&L and 4.6% increase in generation at Green.
Feb-16 vs Jan-16	17%	The increase was due to a 6.5% increase in generation at HMP&L and 9% increase in generation at Green, coupled with timing of product delivery and invoicing at HMP&L.
May-16 vs Apr-16	-22%	The decrease was due to timing of product delivery and invoicing at HMP&L.

**Emulsified Sulfur for SO<sub>2</sub>:**

Dec-15 vs Nov-15	218%	Emulsified sulfur is ordered on an as needed basis and added in batch based on scrubber chemistry. The increase was due to adding one load of chemical at HMP&L in November and four loads were added in December.
Jan-16 vs Dec-15	-46%	Emulsified sulfur is ordered on an as needed basis and added in batch based on scrubber chemistry. The decrease was due to adding four loads of chemical at HMP&L in December and only two loads were added in January.
Mar-16 vs Feb-16	-35%	Emulsified sulfur is ordered on an as needed basis and added in batch based on scrubber chemistry. The decrease was due to adding two loads of chemical at HMP&L in February and only one load was added in March.
Apr-16 vs Mar-16	54%	Emulsified sulfur is ordered on an as needed basis and added in batch based on scrubber chemistry. The increase was due to adding one load of chemical at HMP&L in March and two loads were added in April.

**Reagent-Dibasic Acid:**

Dec-15 vs Nov-15	33%	The increase was due to timing of product delivery and invoicing at Wilson.
Jan-16 vs Dec-15	-51%	The decrease was due to timing of product delivery and invoicing at Wilson.
Feb-16 vs Jan-16	104%	The increase was due to an 8% increase in generation and timing of product delivery and invoicing at Wilson.
Apr-16 vs Mar-16	-24%	The decrease was due to a 20% reduction in generation at Wilson because of an unplanned outage.
May-16 vs Apr-16	16%	The increase was due to a 21% increase in generation at Wilson because of the unplanned outage in April.

**Reagent-Sodium Bisulfite for SO<sub>2</sub>:**

Dec-15 vs Nov-15	-29%	Sodium Bisulfite is ordered on an as needed basis and added in batch based on scrubber chemistry. The decrease was due to chemical being added at HMP&L in November but not in December.
Jan-16 vs Dec-15	-34%	Sodium Bisulfite is ordered on an as needed basis and added in batch based on scrubber chemistry. The decrease was due to timing of product delivery and invoicing at Wilson.
Feb-16 vs Jan-16	-11%	Sodium Bisulfite is ordered on an as needed basis and added in batch based on scrubber chemistry. The decrease was due to timing of product delivery and invoicing at Wilson.
Mar-16 vs Feb-16	76%	Sodium Bisulfite is ordered on an as needed basis and added in batch based on scrubber chemistry. The increase was due to no chemical being purchased at HMP&L in March and there was a \$13,228 credit to HMP&L in February.
Apr-16 vs Mar-16	125%	Sodium Bisulfite is ordered on an as needed basis and added in batch based on scrubber chemistry. The increase was due to no chemical being added at HMP&L in March but one load being added in April, and no chemical being added at Green in March, but
May-16 vs Apr-16	-64%	Sodium Bisulfite is ordered on an as needed basis and added in batch based on scrubber chemistry. The decrease was due to no chemical being added at HMP&L in May but one load being added in April, and no chemical being added at Green in May but two

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Form 2.50 - Operating and Maintenance Expense Analysis**

**Variance Explanations (continued):**

**Hydrated Lime - SO3:**

Dec-15 vs Nov-15	-100%	The decrease was due to operational needs related to ambient conditions at Wilson.
Jan-16 vs Dec-15	Note 1	The increase was due to operational needs related to ambient conditions at Wilson.
Mar-16 vs Feb-16	470%	The increase was due to operational needs related to ambient conditions at Wilson.
Apr-16 vs Mar-16	-92%	The decrease was due to operational needs related to ambient conditions and environmental testing at Wilson.
May-16 vs Apr-16	-147%	The decrease was due to operational needs related to ambient conditions and environmental testing at Wilson.

**Project 9 - Wilson Hg**

Apr-16 vs Mar-16	Note 1	Big Rivers' 3 projects to comply with the EPA's Mercury and Air Toxics Standards (MATS) went into service during April 2016, resulting in O&M expenses eligible for recovery via the environmental surcharge commencing during April 2016. The Wilson project was to install dry sorbent injection equipment, injecting hydrated lime into the exhaust gases, for acid gas removal.
May-16 vs Apr-16	332%	After going into service during April 2016, May 2016 was the first full month that Big Rivers incurred MATS O&M eligible costs. \$64,973 of hydrated lime expense for MATS compliance occurred in May 2016 vs. \$7,238 in April 2016.

**Project 10 - Green Hg**

Apr-16 vs Mar-16	Note 1	Big Rivers' 3 projects to comply with the EPA's Mercury and Air Toxics Standards (MATS) went into service during April 2016, resulting in O&M expenses eligible for recovery via the environmental surcharge commencing during April 2016. The Green project included installing activated carbon injection equipment for mercury removal, dry sorbent injection equipment for acid gas removal, and continuous emission compliance monitors.
May-16 vs Apr-16	31%	After going into service during April 2016, May 2016 was the first full month that Big Rivers incurred MATS O&M eligible costs. \$145,680 of activated carbon expense for MATS compliance occurred in April 2016 vs. \$260,505 in May 2016.

**Project 11 - HMP&L Hg**

Apr-16 vs Mar-16	Note 1	Big Rivers' 3 projects to comply with the EPA's Mercury and Air Toxics Standards (MATS) went into service during April 2016, resulting in O&M expenses eligible for recovery via the environmental surcharge commencing during April 2016. The HMP&L Station Two project was to install continuous emission compliance monitors to demonstrate compliance.
May-16 vs Apr-16	-68%	After going into service during April 2016, May 2016 was the first full month that Big Rivers incurred MATS O&M eligible costs. \$15,245 of hydrated lime expense for MATS compliance occurred in April 2016 vs. \$5,464 in May 2016.

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

1 **Item 4)** *Refer to Big Rivers' monthly environmental surcharge reports*  
2 *for the expense months in this review period. Provide the calculations and*  
3 *supporting data for the rates of return included in each monthly*  
4 *environmental surcharge filing. Provide all supporting calculations and*  
5 *documentation in Excel spreadsheet format, with formulas intact and*  
6 *unprotected and all rows and columns accessible.*

7  
8 **Response)** Please see the attachment to this response for the calculations and  
9 supporting data for the rates of return included in each monthly environmental  
10 surcharge filing for the expense months in the review period. These calculations  
11 are also provided in Excel spreadsheet format, with formulas intact and unprotected  
12 and all rows and columns accessible, on the CD accompanying these responses.

13

14

15 **Witness)** Nicholas R. Castlen

16

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Calculations of Rates of Return on Environmental Compliance Rate Base**  
**For the Expense Months: December 2015 through May 2016**

**Calculations of Monthly Rates of Return on Environmental Compliance Rate Base**

	<u>Dec-15</u>	<u>Jan-16</u>	<u>Feb-16</u>	
1				
2	<b><u>Month-to-Date Interest Expense on Long-Term Debt:</u></b>			
3	RUS - Series A Note	\$ 397,301.54	\$ 396,273.92	\$ 370,715.89
4	RUS - Series B Note	751,933.47	760,839.05	711,752.66
5	CoBank - Series 2012A Notes	778,297.57	770,630.58	720,912.47
6	CFC - Series 2012B Refinance Note	967,737.77	967,737.77	906,224.82
7	CFC - Series 2012B Equity Note	172,864.25	172,864.25	172,864.26
8	Series 2010A P.C. Bonds	416,500.00	416,500.00	416,500.00
9				
10	<b>(a) Total Monthly Interest Expense on Long-Term Debt</b>	<b>\$ 3,484,634.60</b>	<b>\$ 3,484,845.57</b>	<b>\$ 3,298,970.10</b>
11				
12	Total Outstanding Long-Term Debt (Beginning of Month)	\$ 828,839,534.50	\$ 829,000,473.99	\$ 829,013,924.76
13	Total Outstanding Long-Term Debt (End of Month)	829,000,473.99	829,013,924.76	825,757,031.54
14	<b>(b) Average Outstanding Long-Term Debt during Month</b>	<b>\$ 828,920,004.25</b>	<b>\$ 829,007,199.38</b>	<b>\$ 827,385,478.15</b>
15				
16	<b>(c) Number of Days During Year</b>	<b>365</b>	<b>366</b>	<b>366</b>
17				
18	<b>(d) Number of Days During Month</b>	<b>31</b>	<b>31</b>	<b>29</b>
19				
20	<b>(e) Average Cost of Debt [(a) ÷ (b)] x [(c) ÷ (d)]</b>	<b>4.95%</b>	<b>4.96%</b>	<b>5.03%</b>
21				
22	<b>(f) Applicable TIER <sup>(1)</sup></b>	<b>1.24</b>	<b>1.24</b>	<b>1.24</b>
23				
24	<b>(g) Rate of Return on Environmental Compliance Rate Base [(e) x (f)]</b>	<b>6.14%</b>	<b>6.15%</b>	<b>6.24%</b>
25				
26				

27 <sup>(1)</sup> Applicable Times Interest Earned Ratio ("TIER") for calculating the Rate of Return on Environmental Compliance Rate Base per Big Rivers' Environmental Surcharge Tariff approved by Order of the Commission dated October 1, 2012 (Case No. 2012-00063).

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**  
**Calculations of Rates of Return on Environmental Compliance Rate Base**  
**For the Expense Months: December 2015 through May 2016**

**Calculations of Monthly Rates of Return on Environmental Compliance Rate Base**

	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	
1				
2	<b><u>Month-to-Date Interest Expense on Long-Term Debt:</u></b>			
3	RUS - Series A Note	\$ 396,282.50	\$ 383,557.53	\$ 396,344.86
4	RUS - Series B Note	760,839.05	746,911.31	771,808.36
5	CoBank - Series 2012A Notes	770,630.57	738,263.75	762,872.54
6	CFC - Series 2012B Refinance Note	960,639.96	929,882.92	960,640.00
7	CFC - Series 2012B Equity Note	171,216.82	171,216.82	171,216.83
8	Series 2010A P.C. Bonds	416,500.00	416,500.00	416,500.00
9				
10	<b>(a) Total Monthly Interest Expense on Long-Term Debt</b>	<b>\$ 3,476,108.90</b>	<b>\$ 3,386,332.33</b>	<b>\$ 3,479,382.59</b>
11				
12	Total Outstanding Long-Term Debt (Beginning of Month)	\$ 825,757,031.54	\$ 825,895,268.30	\$ 825,907,884.08
13	Total Outstanding Long-Term Debt (End of Month)	825,895,268.30	825,907,884.08	822,622,949.58
14	<b>(b) Average Outstanding Long-Term Debt during Month</b>	<b>\$ 825,826,149.92</b>	<b>\$ 825,901,576.19</b>	<b>\$ 824,265,416.83</b>
15				
16	<b>(c) Number of Days During Year</b>	366	366	366
17				
18	<b>(d) Number of Days During Month</b>	31	30	31
19				
20	<b>(e) Average Cost of Debt [(a) ÷ (b)] x [(c) ÷ (d)]</b>	4.97%	5.00%	4.98%
21				
22	<b>(f) Applicable TIER<sup>(1)</sup></b>	1.24	1.24	1.24
23				
24	<b>(g) Rate of Return on Environmental Compliance Rate Base [(e) x (f)]</b>	<b>6.16%</b>	<b>6.20%</b>	<b>6.18%</b>
25				
26				

27 <sup>(1)</sup> Applicable Times Interest Earned Ratio ("TIER") for calculating the Rate of Return on Environmental Compliance Rate Base per Big Rivers' Environmental Surcharge Tariff approved by Order of the Commission dated October 1, 2012 (Case No. 2012-00063).



I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 1/31/16

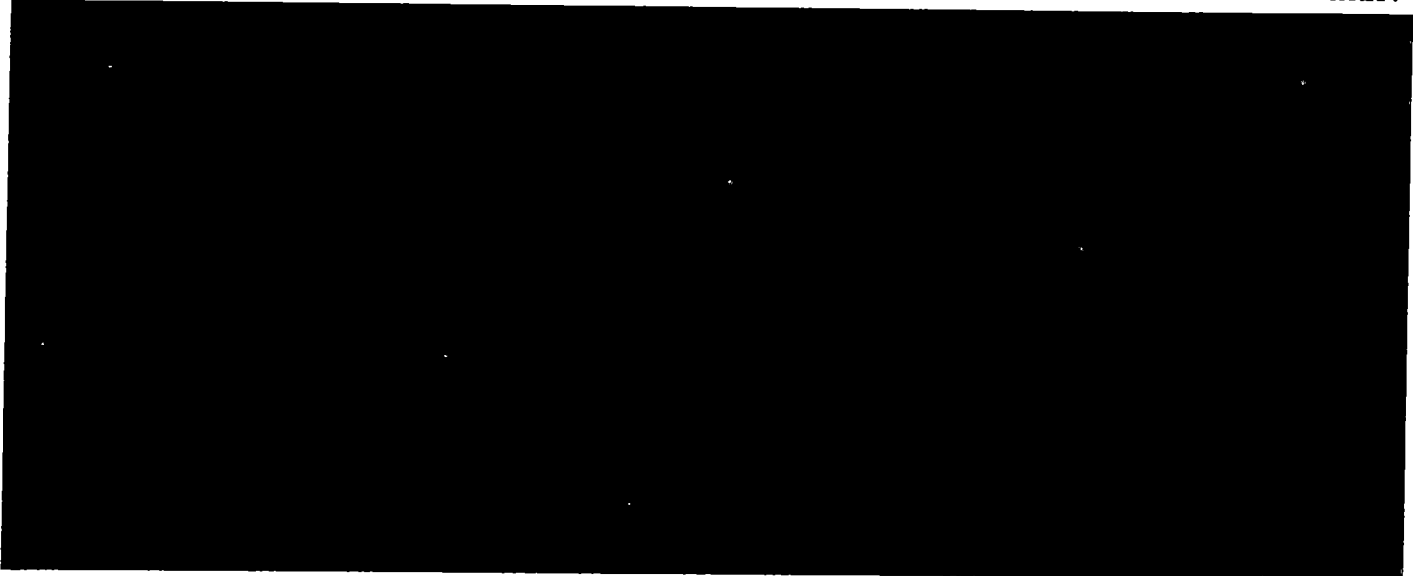
TO: JACKSON PURCHASE ECC - RURALS

ACCOUNT

SERVICE FROM 1/01/16 THRU 1/31/16

COINCIDENTAL127.021 1/18 7:00 A

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	127,021	66,218,310					
ACTUAL DEMAND	127,021	KW TIMES	\$13.8050000		EQUALS\$	1,753,524.91	
					SUB-TOTAL	\$ 1,753,524.91	
ENERGY	66,218,310	KWH AT	\$ .0450000		EQUALS\$	2,979,823.95	
RENEWABLE RESOURCE ENERGY - 500 X		\$ .0450000			EQUALS\$	22.50-	
RENEWABLE RESOURCE ENERGY - 500 X		\$ .0550000			EQUALS\$	27.50	
					SUB-TOTAL	\$ 2,979,828.95	
					DEMAND AND ENERGY	\$ 4,733,353.86	
FUEL ADJUSTMENT CLAUSE	66,218,310	KWH AT	\$ .0018500		EQUALS\$	122,503.87	
NON-SMELTER NON-FAC PPA	66,218,310	KWH AT	\$ .0010090		EQUALS\$	66,814.27	
ENVIRONMENTAL SURCHARGE	\$4,440,626.42	TAR3 AT	7.0490240 %		EQUALS\$	313,020.82	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						64,078.41-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						287,517.35-	
RER - RESIDENTIAL BASE RATE CREDIT						482,040.58-	
RER - BUSINESS ADJUSTMENT						21,471.09-	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	<u>4,380,585.39</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	
JP COIN.      BILLED	BASE      AVERAGE      @ PEAK	
68.31%      70.07%	90.00%      97.00%      98.00%	

MILLS PER KWH  
66.15

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO: JACKSON PURCHASE ECC - RURALS  
 SERVICE FROM 2/01/16 THRU 2/29/16

ACCOUNT [REDACTED]  
 COINCIDENTAL 120.937 2/09 6:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	120,937	55,979,560					
ACTUAL DEMAND	120,937 KW	TIMES	\$13.8050000		EQUALS\$	1,669,535.29	
					SUB-TOTAL	\$ 1,669,535.29	
ENERGY	55,979,560 KWH	AT	\$ .0450000		EQUALS\$	2,519,080.20	
RENEWABLE RESOURCE ENERGY	- 500 X \$ .0450000				EQUALS\$	22.50-	
RENEWABLE RESOURCE ENERGY	- 500 X \$ .0550000				EQUALS\$	27.50	
					SUB-TOTAL	\$ 2,519,085.20	
					DEMAND AND ENERGY	\$ 4,188,620.49	
FUEL ADJUSTMENT CLAUSE	55,979,560 KWH	AT	\$ .0010500		EQUALS\$	58,778.54	
NON-SMELTER NON-FAC PPA	55,979,560 KWH	AT	\$ .0010090		EQUALS\$	56,483.38	
ENVIRONMENTAL SURCHARGE	\$3,845,804.28	TAR3	AT	6.5999490 %	EQUALS\$	253,821.12	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						67,347.43-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						243,983.67-	
RER - RESIDENTIAL BASE RATE CREDIT						458,073.13-	
RER - BUSINESS ADJUSTMENT						2,634.53	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	<u>3,790,933.83</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
JP COIN. BILLED	BASE AVERAGE @ PEAK		IMMEDIATELY AVAILABLE FUNDS
66.51% 66.51%	90.00% 97.00% 98.00%	67.72	ON THIS DATE
			3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 3/31/16

TO: JACKSON PURCHASE ECC - RURALS      ACCOUNT ██████████  
 SERVICE FROM 3/01/16 THRU 3/31/16      COINCIDENTAL 91.172      3/01 8:00 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	91,172	46,404,588					
ACTUAL DEMAND		91,172 KW TIMES	\$13.8050000		EQUALS\$	1,258,629.46	
					SUB-TOTAL	\$ 1,258,629.46	
ENERGY	46,404,588 KWH AT		\$ .0450000		EQUALS\$	2,088,206.46	
RENEWABLE RESOURCE ENERGY - 500 X \$ .0450000					EQUALS\$	22.50-	
RENEWABLE RESOURCE ENERGY - 500 X \$ .0550000					EQUALS\$	27.50	
					SUB-TOTAL	\$ 2,088,211.46	
					DEMAND AND ENERGY	\$ 3,346,840.92	
FUEL ADJUSTMENT CLAUSE	46,404,588 KWH AT		\$ .0005330		EQUALS\$	24,733.65	
NON-SMELTER NON-FAC PPA	46,404,588 KWH AT		\$ .0010090		EQUALS\$	46,822.23	
ENVIRONMENTAL SURCHARGE	\$3,042,530.21 TAR3 AT		5.7028760 %		EQUALS\$	173,511.73	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						63,973.82-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						132,291.85-	
RER - RESIDENTIAL BASE RATE CREDIT						375,861.59-	
RER - BUSINESS ADJUSTMENT						.05	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	<u>3,019,781.32</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
JP COIN.      BILLED	BASE      AVERAGE      @ PEAK		IMMEDIATELY AVAILABLE FUNDS
64.53%      68.50%	90.00%      95.00%      98.00%	65.08	ON THIS DATE
			4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 4/30/16

TO: JACKSON PURCHASE ECC - RURALS ACCOUNT ██████████  
 SERVICE FROM 4/01/16 THRU 4/30/16 COINCIDENTAL 90.970 4/26 4:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	90,970	41,605,710					
ACTUAL DEMAND		90,970 KWH TIMES	\$13.8050000		EQUALS\$	1,255,840.85	
					SUB-TOTAL	\$ 1,255,840.85	
ENERGY	41,605,710 KWH AT		\$ .0450000		EQUALS\$	1,872,256.95	
RENEWABLE RESOURCE ENERGY - 500 X \$ .0450000					EQUALS\$	22.50-	
RENEWABLE RESOURCE ENERGY - 500 X \$ .0550000					EQUALS\$	27.50	
					SUB-TOTAL	\$ 1,872,261.95	
					DEMAND AND ENERGY	\$ 3,128,102.80	
FUEL ADJUSTMENT CLAUSE	41,605,710 KWH AT		\$ .0004830		EQUALS\$	20,095.56	
NON-SMELTER NON-FAC PPA	41,605,710 KWH AT		\$ .0010090		EQUALS\$	41,980.16	
ENVIRONMENTAL SURCHARGE	\$2,867,647.67 TAR3 AT		7.1659570 %		EQUALS\$	205,494.40	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						74,161.08-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						123,247.71-	
RER - RESIDENTIAL BASE RATE CREDIT						322,525.86-	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	<u>2,875,738.27</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
JP COIN BILLED	BASE AVERAGE @ PEAK		IMMEDIATELY AVAILABLE FUNDS
63.52% 63.52%	90.00% 94.00% 97.00%	69.12	ON THIS DATE
			5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO: JACKSON PURCHASE ECC - RURALS  
 SERVICE FROM 5/01/16 THRU 5/31/16

ACCOUNT ██████████  
 COINCIDENTAL 107.980 5/31 5:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	107,980	44,921,110					
ACTUAL DEMAND		107,980 KW TIMES	\$13.8050000		EQUALS\$	1,490,663.90	
					SUB-TOTAL	\$ 1,490,663.90	
ENERGY	44,921,110 KWH AT		\$ .0450000		EQUALS\$	2,021,449.95	
RENEWABLE RESOURCE ENERGY - 500 X \$ .0450000					EQUALS\$	22.50-	
RENEWABLE RESOURCE ENERGY - 500 X \$ .0550000					EQUALS\$	27.50	
					SUB-TOTAL	\$ 2,021,454.95	
					DEMAND AND ENERGY	\$ 3,512,118.85	
FUEL ADJUSTMENT CLAUSE	44,921,110 KWH AT		\$ .0001460-		EQUALS\$	6,558.48-	
NON-SMELTER NON-FAC PPA	44,921,110 KWH AT		\$ .0010090		EQUALS\$	45,325.40	
ENVIRONMENTAL SURCHARGE	\$3,199,629.47 TAR3 AT		8.2700910 %		EQUALS\$	264,612.27	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						62,446.04-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						151,990.47-	
RER - RESIDENTIAL BASE RATE CREDIT						351,251.30-	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	<u>3,249,810.23</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
JP COIN. BILLED	BASE AVERAGE @ PEAK		IMMEDIATELY AVAILABLE FUNDS
55.92% 55.92%	90.00% 94.00% 96.00%	72.34	ON THIS DATE
			6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 6/30/16

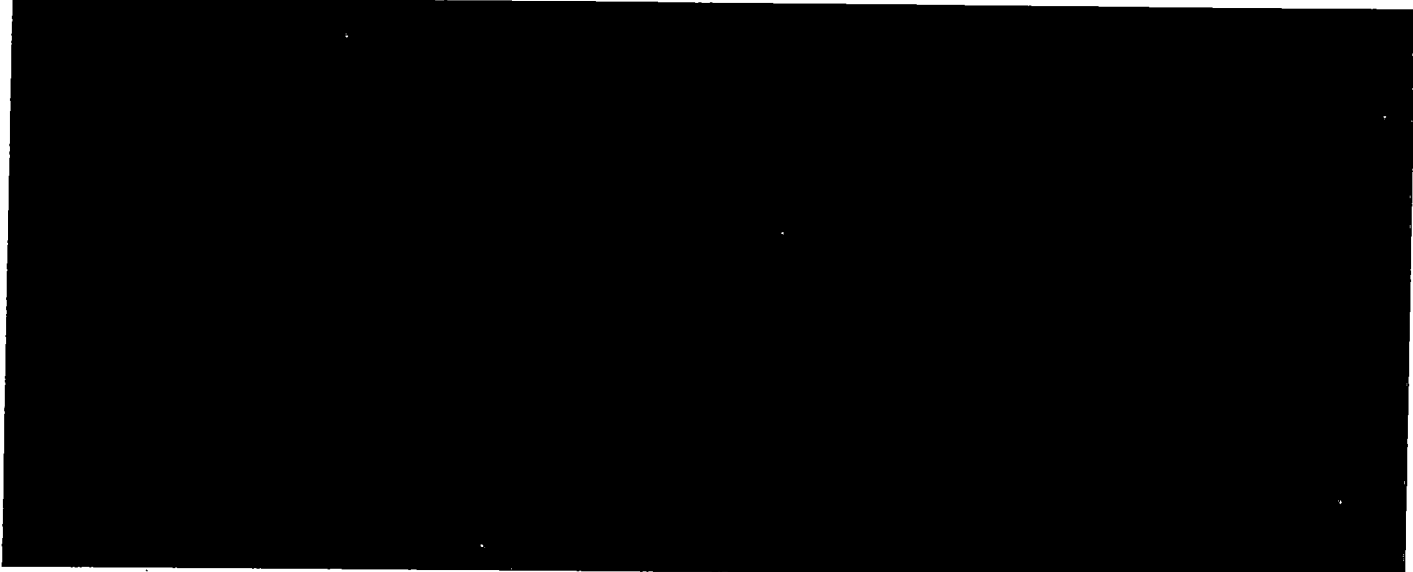
TO: JACKSON PURCHASE ECC - RURALS

ACCOUNT

SERVICE FROM 6/01/16 THRU 6/30/16

COINCIDENTAL 144.530 6/23 3:00 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	144,530	63,215,360					
ACTUAL DEMAND	144,530 KW TIMES	\$13.8050000			EQUALS\$	1,995,236.65	
					SUB-TOTAL	\$	1,995,236.65
ENERGY	63,215,360 KWH AT	\$ .0450000			EQUALS\$	2,844,691.20	
RENEWABLE RESOURCE ENERGY - 500 X	\$ .0450000				EQUALS\$	22.50-	
RENEWABLE RESOURCE ENERGY - 500 X	\$ .0550000				EQUALS\$	27.50	
					SUB-TOTAL	\$	2,844,696.20
					DEMAND AND ENERGY	\$	4,839,932.85
FUEL ADJUSTMENT CLAUSE	63,215,360 KWH AT	\$ .0006360-			EQUALS\$	40,204.97-	
NON-SMELTER NON-FAC PPA	63,215,360 KWH AT	\$ .0010090			EQUALS\$	63,784.30	
ENVIRONMENTAL SURCHARGE	\$4,411,210.49 TAR3 AT	8.2327570 %			EQUALS\$	363,164.24	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						77,229.12-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						179,200.57-	
RER - RESIDENTIAL BASE RATE CREDIT						452,296.69-	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$		<u>4,517,950.04</u>

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
JP COIN. BILLED	BASE AVERAGE @ PEAK		IMMEDIATELY AVAILABLE FUNDS
60.75% 60.75%	90.00% 96.00% 96.00%	71.47	ON THIS DATE
			7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 1/31/16

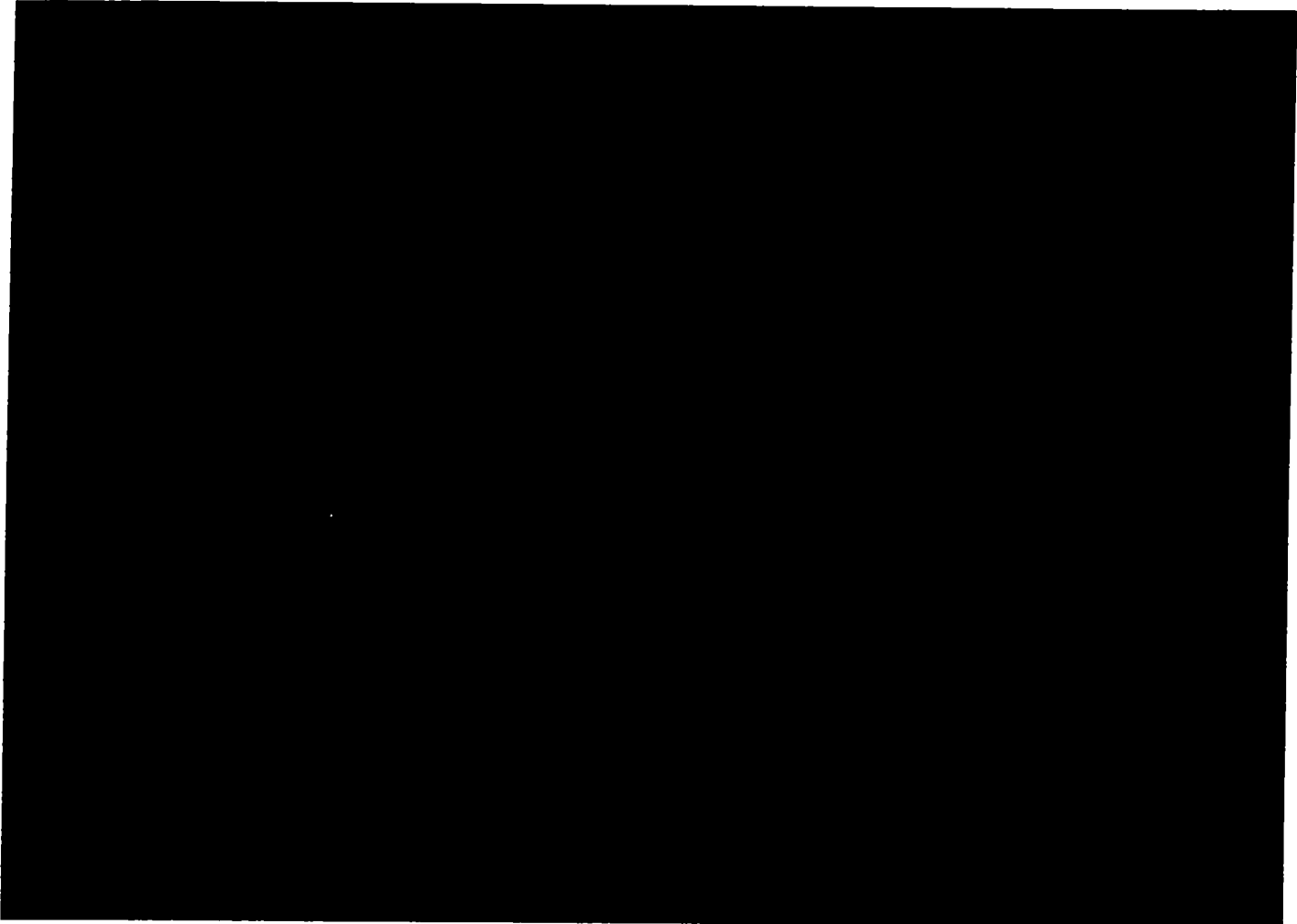
TO: KENERGY CORP - RURALS

ACCOUNT

SERVICE FROM 1/01/16 THRU 1/31/16

COINCIDENTAL 243.207 1/18 7:00 A

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL 243,207 122,140,687

ACTUAL DEMAND	243,207 KW TIMES	\$13.8050000	EQUALS\$	3,357,472.64
			SUB-TOTAL \$	3,357,472.64
ENERGY	122,140,687 KWH AT	\$ .0450000	EQUALS\$	5,496,330.92
RENEWABLE RESOURCE ENERGY - 0 X	\$ .0450000		EQUALS\$	.00
RENEWABLE RESOURCE ENERGY - 0 X	\$ .0550000		EQUALS\$	.00
			SUB-TOTAL \$	5,496,330.92
			DEMAND AND ENERGY \$	8,853,803.56
FUEL ADJUSTMENT CLAUSE	122,140,687 KWH AT	\$ .0018500	EQUALS\$	225,960.27
NON-SMELTER NON-FAC PPA	122,140,687 KWH AT	\$ .0010090	EQUALS\$	123,239.95
ENVIRONMENTAL SURCHARGE	\$8,173,183.04 TAR3 AT	7.0490240 %	EQUALS\$	576,129.63

MRSM ADJUSTMENT		.00
MRSM - BASE RATE CREDIT		.00
MRSM - TRANSMISSION RURAL ADJUSTMENT		118,039.30-
MRSM - TRANSMISSION RURAL BASE RATE CREDIT		.00
RER - RESIDENTIAL ADJUSTMENT		612,526.66-
RER - RESIDENTIAL BASE RATE CREDIT		1,029,820.74-
RER - BUSINESS ADJUSTMENT		22,262.60-
RER - BUSINESS BASE RATE CREDIT		.00
	TOTAL AMOUNT DUE \$	<u>7,996,484.11</u>

---LOAD FACTOR---		-----POWER FACTOR-----		
KE COIN.	BILLED	BASE	AVERAGE	@ PEAK
65.89%	67.50%	90.00%	99.00%	99.00%

MILLS PER KWH  
65.47

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
2/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 2/29/16

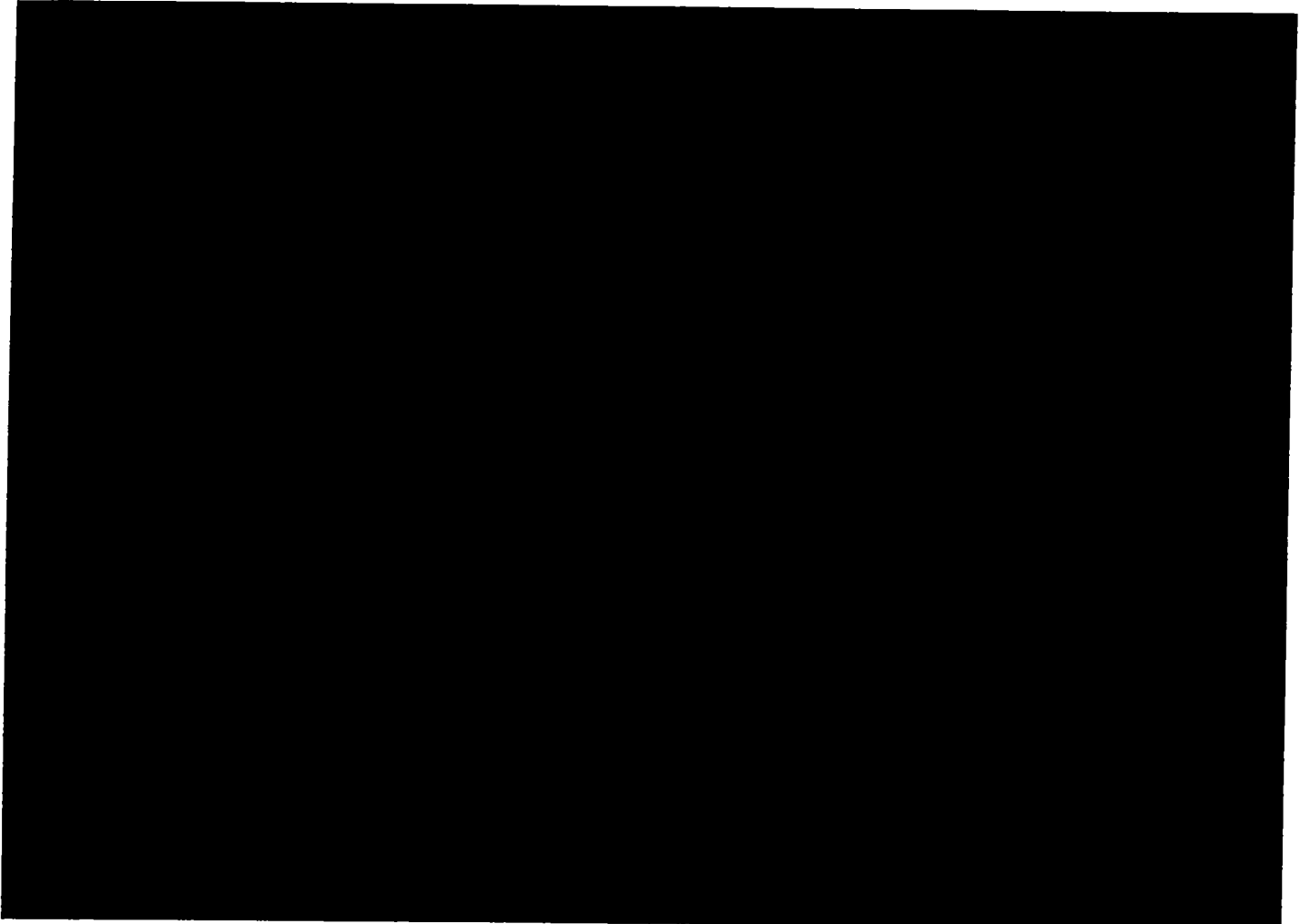
TO: KENERGY CORP - RURALS

ACCOUNT

SERVICE FROM 2/01/16 THRU 2/29/16

COINCIDENTAL 230.988 2/09 6:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL 230,988 102,450,059

ACTUAL DEMAND	230,988 KW TIMES	\$13.8050000	EQUALS\$	3,188,789.34
			SUB-TOTAL \$	3,188,789.34
ENERGY	102,450,059 KWH AT	\$ .0450000	EQUALS\$	4,610,252.66
RENEWABLE RESOURCE ENERGY - 0 X	\$ .0450000		EQUALS\$	.00
RENEWABLE RESOURCE ENERGY - 0 X	\$ .0550000		EQUALS\$	.00
			SUB-TOTAL \$	4,610,252.66
			DEMAND AND ENERGY \$	7,799,042.00
FUEL ADJUSTMENT CLAUSE	102,450,059 KWH AT	\$ .0010500	EQUALS\$	107,572.56
NON-SMELTER NON-FAC PPA	102,450,059 KWH AT	\$ .0010090	EQUALS\$	103,372.11
ENVIRONMENTAL SURCHARGE	\$7,080,516.32 TAR3 AT	6.5999490 %	EQUALS\$	467,310.47

MRSM ADJUSTMENT	
MRSM - BASE RATE CREDIT	.00
MRSM - TRANSMISSION RURAL ADJUSTMENT	.00
MRSM - TRANSMISSION RURAL BASE RATE CREDIT	123,747.60-
RER - RESIDENTIAL ADJUSTMENT	.00
RER - RESIDENTIAL BASE RATE CREDIT	467,396.55-
RER - BUSINESS ADJUSTMENT	929,470.36-
RER - BUSINESS BASE RATE CREDIT	2,289.47
	.00

TOTAL AMOUNT DUE \$ 6,958,972.10

---LOAD FACTOR---		-----POWER FACTOR-----		
KE COIN.	BILLED	BASE	AVERAGE	@ PEAK
63.62%	63.73%	90.00%	98.00%	99.00%

MILLS PER KWH  
67.93

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
3/25/16

I N V O I C E

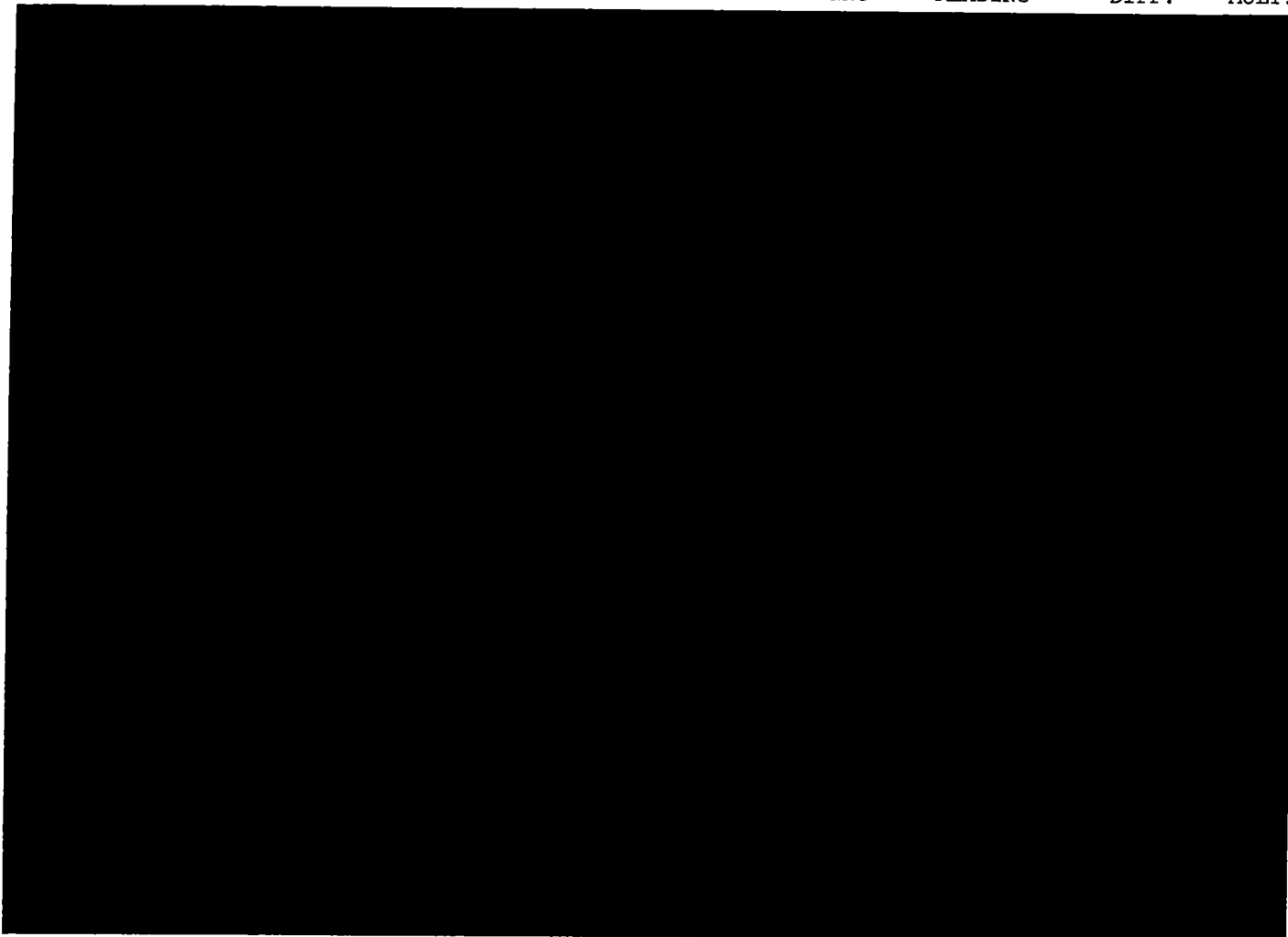
BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO: KENERGY CORP - RURALS  
 SERVICE FROM 3/01/16 THRU 3/31/16

ACCOUNT [REDACTED]  
 COINCIDENTAL 181.270 3/01 8:00 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL 181,270 83,498,563

ACTUAL DEMAND	181,270 KW TIMES	\$13.8050000	EQUALS\$	2,502,432.35
			SUB-TOTAL	\$ 2,502,432.35
ENERGY	83,498,563 KWH AT	\$.0450000	EQUALS\$	3,757,435.34
RENEWABLE RESOURCE ENERGY	- 0 X \$.0450000		EQUALS\$	.00
RENEWABLE RESOURCE ENERGY	- 0 X \$.0550000		EQUALS\$	.00
			SUB-TOTAL	\$ 3,757,435.34
			DEMAND AND ENERGY	\$ 6,259,867.69
FUEL ADJUSTMENT CLAUSE	83,498,563 KWH AT	\$.0005330	EQUALS\$	44,504.73
NON-SMELTER NON-FAC PPA	83,498,563 KWH AT	\$.0010090	EQUALS\$	84,250.05
ENVIRONMENTAL SURCHARGE	\$5,649,242.47 TAR3 AT	5.7028760 %	EQUALS\$	322,169.29

MRSM ADJUSTMENT		
MRSM - BASE RATE CREDIT		.00
MRSM - TRANSMISSION RURAL ADJUSTMENT		.00
MRSM - TRANSMISSION RURAL BASE RATE CREDIT	117,615.50	-
RER - RESIDENTIAL ADJUSTMENT		.00
RER - RESIDENTIAL BASE RATE CREDIT	252,119.76	-
RER - BUSINESS ADJUSTMENT	739,380.00	-
RER - BUSINESS BASE RATE CREDIT		.10
		.00
	TOTAL AMOUNT DUE \$	<u>5,601,676.40</u>

---LOAD FACTOR---		-----POWER FACTOR-----		
KE COIN.	BILLED	BASE	AVERAGE	@ PEAK
61.97%	62.00%	90.00%	98.00%	99.00%

MILLS PER KWH  
67.09

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO: KENERGY CORP - RURALS  
 SERVICE FROM 4/01/16 THRU 4/30/16

ACCOUNT ██████████  
 COINCIDENTAL 155.258      4/26 4:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	155,258	76,056,870					
ACTUAL DEMAND		155,258 KW TIMES	\$13.8050000	EQUALS\$		2,143,336.69	
				SUB-TOTAL	\$	2,143,336.69	
ENERGY		76,056,870 KWH AT	\$ .0450000	EQUALS\$		3,422,559.15	
RENEWABLE RESOURCE ENERGY	- 0 X	\$ .0450000		EQUALS\$		.00	
RENEWABLE RESOURCE ENERGY	- 0 X	\$ .0550000		EQUALS\$		.00	
				SUB-TOTAL	\$	3,422,559.15	
				DEMAND AND ENERGY	\$	5,565,895.84	
FUEL ADJUSTMENT CLAUSE	76,056,870 KWH AT		\$ .0004830	EQUALS\$		36,735.47	
NON-SMELTER NON-FAC PPA	76,056,870 KWH AT		\$ .0010090	EQUALS\$		76,741.38	
ENVIRONMENTAL SURCHARGE	\$5,037,701.16 TAR3 AT		7.1659570 %	EQUALS\$		360,999.50	

MRSM ADJUSTMENT		.00
MRSM - BASE RATE CREDIT		.00
MRSM - TRANSMISSION RURAL ADJUSTMENT	131,632.54-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT		.00
RER - RESIDENTIAL ADJUSTMENT	245,899.64-	
RER - RESIDENTIAL BASE RATE CREDIT	641,671.53-	
RER - BUSINESS ADJUSTMENT		.00
RER - BUSINESS BASE RATE CREDIT		.00
	TOTAL AMOUNT DUE \$	<u>5,021,168.48</u>

---LOAD FACTOR---	-----POWER FACTOR-----
KE COIN.    BILLED	BASE    AVERAGE @ PEAK
67.53%    68.04%	90.00%    97.00%    96.00%

MILLS PER KWH  
66.02

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 5/31/16

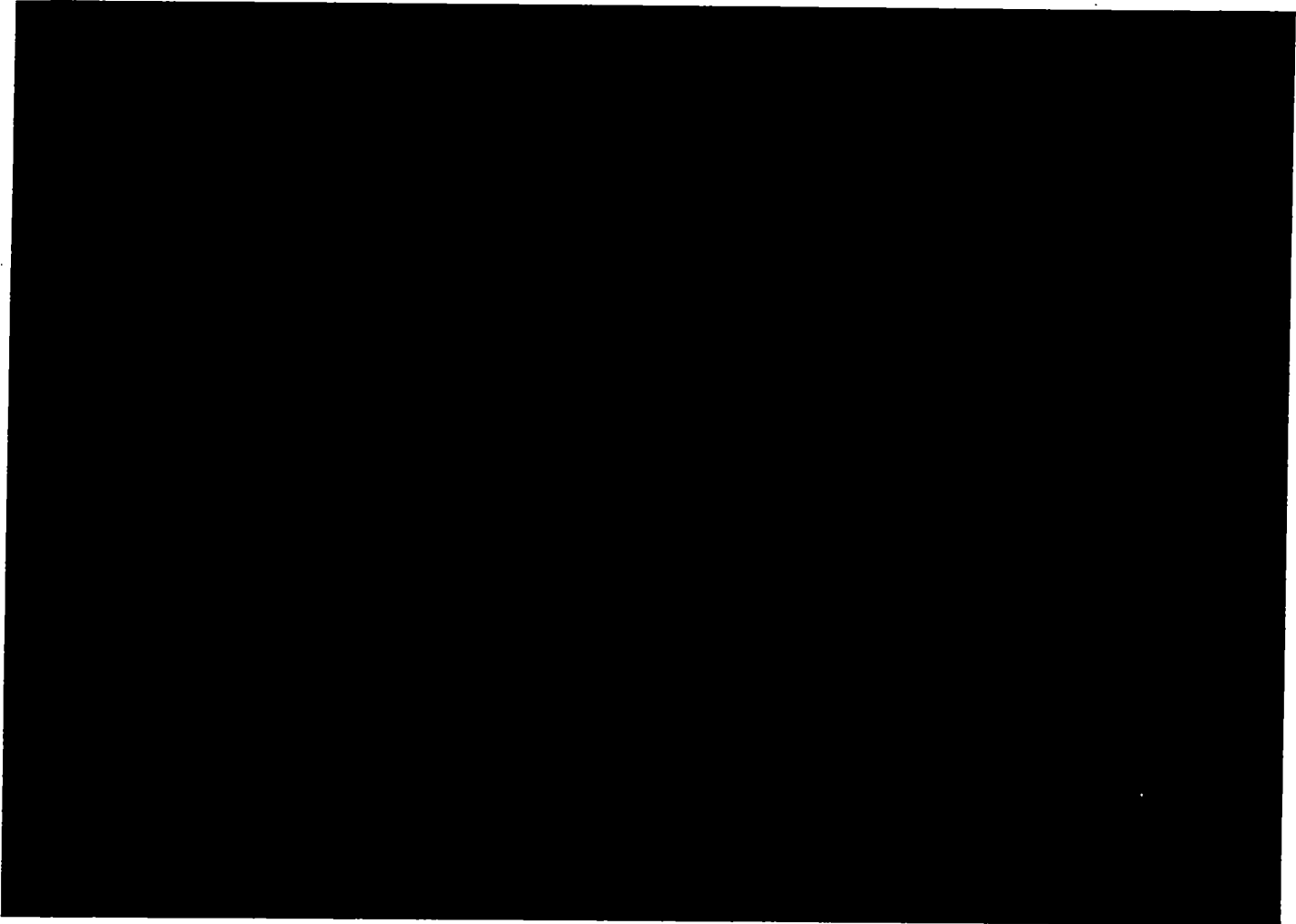
TO: KENERGY CORP - RURALS

ACCOUNT

SERVICE FROM 5/01/16 THRU 5/31/16

COINCIDENTAL 192.157 5/31 5:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL 192,157 80,825,900

ACTUAL DEMAND	192,157 KW TIMES	\$13.8050000	EQUALS\$	2,652,727.39
			SUB-TOTAL	\$ 2,652,727.39
ENERGY	80,825,900 KWH AT	\$ .0450000	EQUALS\$	3,637,165.50
RENEWABLE RESOURCE ENERGY	- 0 X \$ .0450000		EQUALS\$	.00
RENEWABLE RESOURCE ENERGY	- 0 X \$ .0550000		EQUALS\$	.00
			SUB-TOTAL	\$ 3,637,165.50
			DEMAND AND ENERGY	\$ 6,289,892.89
FUEL ADJUSTMENT CLAUSE	80,825,900 KWH AT	\$ .0001460-	EQUALS\$	11,800.58-
NON-SMELTER NON-FAC PPA	80,825,900 KWH AT	\$ .0010090	EQUALS\$	81,553.33
ENVIRONMENTAL SURCHARGE	\$5,688,064.57 TAR3 AT	8.2700910 %	EQUALS\$	470,408.12

MRSM ADJUSTMENT		
MRSM - BASE RATE CREDIT		.00
MRSM - TRANSMISSION RURAL ADJUSTMENT		.00
MRSM - TRANSMISSION RURAL BASE RATE CREDIT	111,218	.25-
RER - RESIDENTIAL ADJUSTMENT		.00
RER - RESIDENTIAL BASE RATE CREDIT	295,260	.75-
RER - BUSINESS ADJUSTMENT	671,581	.07-
RER - BUSINESS BASE RATE CREDIT		.00
		.00
	TOTAL AMOUNT DUE \$	<u>5,751,993.69</u>

---LOAD FACTOR---	-----POWER FACTOR-----
KE COIN.    BILLED	BASE    AVERAGE    @ PEAK
56.46%    56.54%	90.00%    97.00%    96.00%

MILLS PER KWH  
71.17

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
6/27/16



I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO: KENERGY CORP - RURALS

ACCOUNT

SERVICE FROM 6/01/16 THRU 6/30/16

COINCIDENTAL 247.260 6/23 3:00 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	247,260	111,330,107					
ACTUAL DEMAND		247,260 KWH TIMES	\$13.8050000		EQUALS\$	3,413,424.30	
					SUB-TOTAL	\$ 3,413,424.30	
ENERGY	111,330,107 KWH AT		\$ .0450000		EQUALS\$	5,009,854.82	
RENEWABLE RESOURCE ENERGY - 0 X \$ .0450000					EQUALS\$	.00	
RENEWABLE RESOURCE ENERGY - 0 X \$ .0550000					EQUALS\$	.00	
					SUB-TOTAL	\$ 5,009,854.82	
					DEMAND AND ENERGY	\$ 8,423,279.12	
FUEL ADJUSTMENT CLAUSE	111,330,107 KWH AT		\$ .0006360-		EQUALS\$	70,805.95-	
NON-SMELTER NON-FAC PPA	111,330,107 KWH AT		\$ .0010090		EQUALS\$	112,332.08	
ENVIRONMENTAL SURCHARGE	\$7,575,716.98 TAR3 AT		8.2327570 %		EQUALS\$	623,690.37	

MRSM ADJUSTMENT		.00
MRSM - BASE RATE CREDIT		.00
MRSM - TRANSMISSION RURAL ADJUSTMENT	132,939.49	-
MRSM - TRANSMISSION RURAL BASE RATE CREDIT		.00
RER - RESIDENTIAL ADJUSTMENT	361,472.00	-
RER - RESIDENTIAL BASE RATE CREDIT	889,088.27	-
RER - BUSINESS ADJUSTMENT		.00
RER - BUSINESS BASE RATE CREDIT		.00

TOTAL AMOUNT DUE \$ 7,704,995.86

---LOAD FACTOR---		-----POWER FACTOR-----		
KE COIN.	BILLED	BASE	AVERAGE	@ PEAK
62.01%	62.54%	90.00%	95.00%	95.00%

MILLS PER KWH  
69.21

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
7/25/16

I N V O I C E

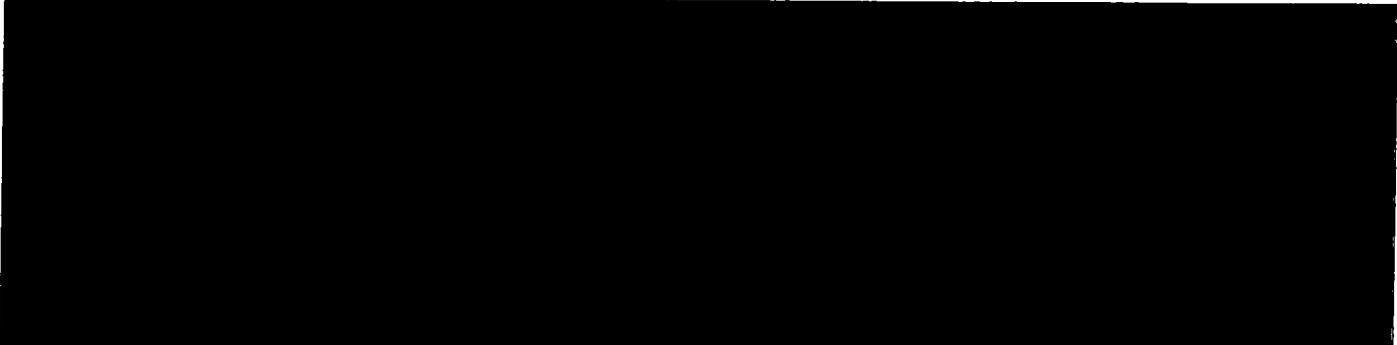
BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO: MEADE COUNTY RECC - RURALS  
 SERVICE FROM 1/01/16 THRU 1/31/16

ACCOUNT ██████████  
 COINCIDENTAL 116.914      1/18 7:00 A

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	116,914	54,305,880					
ACTUAL DEMAND		116,914 KW TIMES	\$13.8050000		EQUALS\$	1,613,997.77	
					SUB-TOTAL	\$ 1,613,997.77	
ENERGY		54,305,880 KWH AT	\$0.0450000		EQUALS\$	2,443,764.60	
RENEWABLE RESOURCE ENERGY	- 0 X	\$0.0450000			EQUALS\$	.00	
RENEWABLE RESOURCE ENERGY	- 0 X	\$0.0550000			EQUALS\$	.00	
					SUB-TOTAL	\$ 2,443,764.60	
					DEMAND AND ENERGY	\$ 4,057,762.37	
FUEL ADJUSTMENT CLAUSE	54,305,880 KWH AT		\$0.0018500		EQUALS\$	100,465.88	
NON-SMELTER NON-FAC PPA	54,305,880 KWH AT		\$0.0010090		EQUALS\$	54,794.63	
ENVIRONMENTAL SURCHARGE	\$3,708,184.13 TAR3 AT		7.0490240 %		EQUALS\$	261,390.79	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						53,132.51-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						300,336.43-	
RER - RESIDENTIAL BASE RATE CREDIT						504,838.75-	
RER - BUSINESS ADJUSTMENT						5,388.32-	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	3,610,717.66	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	
MC COIN.      BILLED	BASE      AVERAGE      @ PEAK		
61.30%      62.43%	90.00%      98.00%      98.00%	66.49	

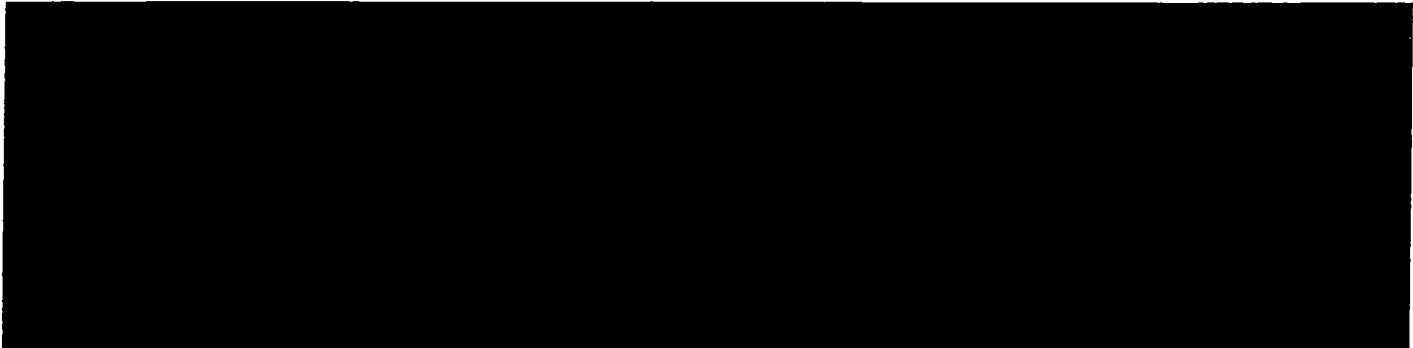
DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
MONTH ENDING 2/29/16

TO: MEADE COUNTY RECC - RURALS      ACCOUNT ██████████  
SERVICE FROM 2/01/16 THRU 2/29/16      COINCIDENTAL100.537      2/09 6:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	100,537	44,153,770					
ACTUAL DEMAND		100,537 KW TIMES	\$13.8050000		EQUALS\$	1,387,913.29	
						SUB-TOTAL	\$ 1,387,913.29
ENERGY	44,153,770 KWH	AT	\$ .0450000		EQUALS\$	1,986,919.65	
RENEWABLE RESOURCE ENERGY	- 0 X \$ .0450000				EQUALS\$	.00	
RENEWABLE RESOURCE ENERGY	- 0 X \$ .0550000				EQUALS\$	.00	
						SUB-TOTAL	\$ 1,986,919.65
						DEMAND AND ENERGY	\$ 3,374,832.94
FUEL ADJUSTMENT CLAUSE	44,153,770 KWH	AT	\$ .0010500		EQUALS\$	46,361.46	
NON-SMELTER NON-FAC PPA	44,153,770 KWH	AT	\$ .0010090		EQUALS\$	44,551.15	
ENVIRONMENTAL SURCHARGE	\$3,019,607.97	TAR3	AT	6.5999490 %	EQUALS\$	199,292.59	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						52,959.35-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						229,288.18-	
RER - RESIDENTIAL BASE RATE CREDIT						446,137.58-	
RER - BUSINESS ADJUSTMENT						2,787.60	
RER - BUSINESS BASE RATE CREDIT						.00	
TOTAL AMOUNT DUE \$						2,939,440.63	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
MC COIN.    BILLED	BASE    AVERAGE    @ PEAK		IMMEDIATELY AVAILABLE FUNDS
59.76%    63.10%	90.00%    98.00%    98.00%	66.57	ON THIS DATE
			3/25/16

I N V O I C E

IB

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO: MEADE COUNTY RECC - RURALS  
SERVICE FROM 3/01/16 THRU 3/31/16

ACCOUNT ██████████  
COINCIDENTAL 76.204 3/01 8:00 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	76,204	34,097,700					
ACTUAL DEMAND		76,204 KW TIMES	\$13.8050000		EQUALS\$	1,051,996.22	
					SUB-TOTAL	\$	1,051,996.22
ENERGY	34,097,700 KWH	AT	\$0.0450000		EQUALS\$	1,534,396.50	
RENEWABLE RESOURCE ENERGY	- 0 X \$0.0450000				EQUALS\$	.00	
RENEWABLE RESOURCE ENERGY	- 0 X \$0.0550000				EQUALS\$	.00	
					SUB-TOTAL	\$	1,534,396.50
					DEMAND AND ENERGY	\$	2,586,392.72
FUEL ADJUSTMENT CLAUSE	34,097,700 KWH	AT	\$0.0005330		EQUALS\$	18,174.07	
NON-SMELTER NON-FAC PPA	34,097,700 KWH	AT	\$0.0010090		EQUALS\$	34,404.58	
ENVIRONMENTAL SURCHARGE	\$2,303,694.07	TAR3 AT	5.7028760 %		EQUALS\$	131,376.82	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						47,983.24	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						112,248.94	
RER - RESIDENTIAL BASE RATE CREDIT						335,277.30	
RER - BUSINESS ADJUSTMENT						.07	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$		<u>2,274,838.64</u>

---LOAD FACTOR---	-----POWER FACTOR-----
MC COIN.    BILLED	BASE    AVERAGE    @ PEAK
55.79%    60.22%	90.00%    97.00%    98.00%

MILLS PER KWH  
66.72

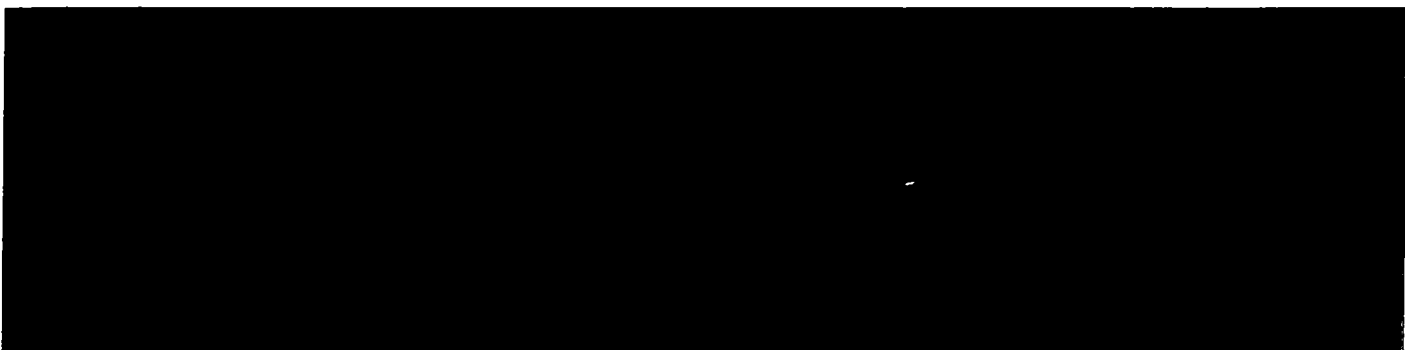
DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 4/30/16

TO: MEADE COUNTY RECC - RURALS      ACCOUNT ██████████  
 SERVICE FROM 4/01/16 THRU 4/30/16      COINCIDENTAL 57.164      4/26 4:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	57,164	30,116,304					
ACTUAL DEMAND		57,164 KW TIMES	\$13.8050000		EQUALS\$	789,149.02	
				SUB-TOTAL	\$	789,149.02	
ENERGY	30,116,304 KWH	AT	\$0.0450000		EQUALS\$	1,355,233.68	
RENEWABLE RESOURCE ENERGY - 0 X					EQUALS\$	.00	
RENEWABLE RESOURCE ENERGY - 0 X					EQUALS\$	.00	
				SUB-TOTAL	\$	1,355,233.68	
				DEMAND AND ENERGY	\$	2,144,382.70	
FUEL ADJUSTMENT CLAUSE	30,116,304 KWH	AT	\$0.0004830		EQUALS\$	14,546.17	
NON-SMELTER NON-FAC PPA	30,116,304 KWH	AT	\$0.0010090		EQUALS\$	30,387.35	
ENVIRONMENTAL SURCHARGE	\$1,914,681.21	TAR3 AT	7.1659570 %		EQUALS\$	137,205.23	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						50,580.38-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						101,668.38-	
RER - RESIDENTIAL BASE RATE CREDIT						274,635.00-	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
				TOTAL AMOUNT DUE \$		<u>1,899,637.69</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
MC COIN.      BILLED	BASE      AVERAGE      @ PEAK		IMMEDIATELY AVAILABLE FUNDS
61.76%      73.17%	90.00%      96.00%      95.00%	63.08	ON THIS DATE
			5/25/16

I N V O I C E

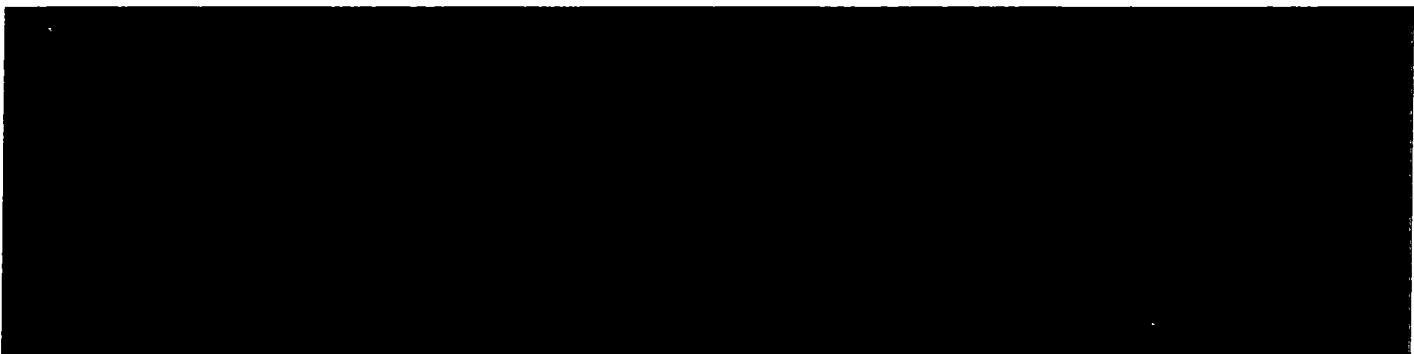
BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO: MEADE COUNTY RECC - RURALS  
 SERVICE FROM 5/01/16 THRU 5/31/16

ACCOUNT [REDACTED]  
 COINCIDENTAL 68.632 5/31 5:30 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL 68,632 30,614,113

ACTUAL DEMAND	68,632 KW TIMES	\$13.8050000	EQUALS\$	947,464.76
			SUB-TOTAL \$	947,464.76
ENERGY	30,614,113 KWH AT	\$ .0450000	EQUALS\$	1,377,635.09
RENEWABLE RESOURCE ENERGY - 0 X	\$ .0450000		EQUALS\$	.00
RENEWABLE RESOURCE ENERGY - 0 X	\$ .0550000		EQUALS\$	.00
			SUB-TOTAL \$	1,377,635.09
			DEMAND AND ENERGY \$	2,325,099.85
FUEL ADJUSTMENT CLAUSE	30,614,113 KWH AT	\$ .0001460-	EQUALS\$	4,469.66-
NON-SMELTER NON-FAC PPA	30,614,113 KWH AT	\$ .0010090	EQUALS\$	30,889.64
ENVIRONMENTAL SURCHARGE	\$2,076,050.65 TAR3 AT	8.2700910 %	EQUALS\$	171,691.28
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION RURAL ADJUSTMENT				40,830.14-
MRSM - TRANSMISSION RURAL BASE RATE CREDIT				.00
RER - RESIDENTIAL ADJUSTMENT				118,491.67-
RER - RESIDENTIAL BASE RATE CREDIT				275,469.18-
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	<u>2,088,420.12</u>

---LOAD FACTOR---	-----POWER FACTOR-----
MC COIN.    BILLED	BASE    AVERAGE    @ PEAK
56.21%    59.95%	90.00%    95.00%    94.00%

MILLS PER KWH  
68.22

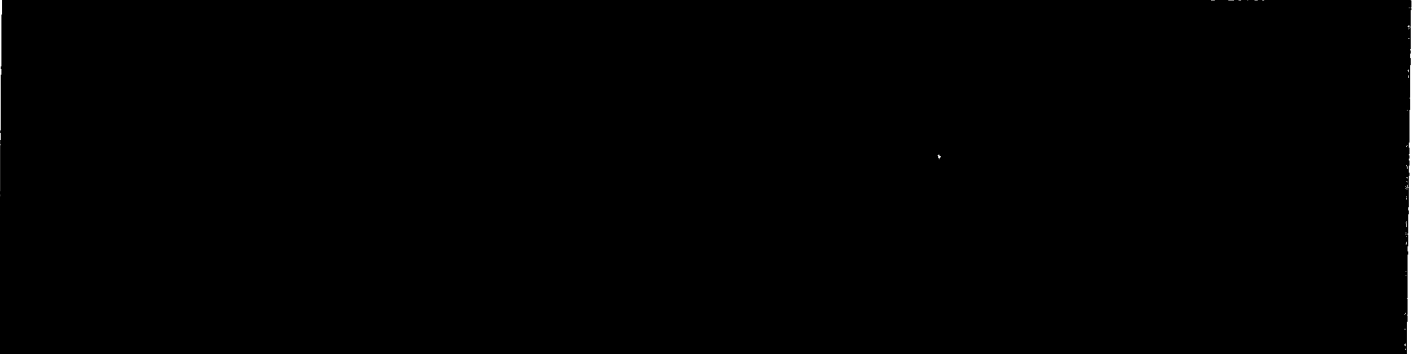
DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO: MEADE COUNTY RECC - RURALS      ACCOUNT ██████████  
 SERVICE FROM 6/01/16 THRU 6/30/16      COINCIDENTAL 90.274      6/23 3:00 P

SUBSTATION	COINCIDENTAL KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW/KWH MULT.
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TOTAL	90,274	39,867,070					
ACTUAL DEMAND		90,274 KW TIMES	\$13.8050000		EQUALS\$	1,246,232.57	
					SUB-TOTAL	\$ 1,246,232.57	
ENERGY	39,867,070 KWH	AT	\$0.0450000		EQUALS\$	1,794,018.15	
RENEWABLE RESOURCE ENERGY - 0 X					EQUALS\$	.00	
RENEWABLE RESOURCE ENERGY - 0 X					EQUALS\$	.00	
					SUB-TOTAL	\$ 1,794,018.15	
					DEMAND AND ENERGY	\$ 3,040,250.72	
FUEL ADJUSTMENT CLAUSE	39,867,070 KWH	AT	\$.0006360-		EQUALS\$	25,355.46-	
NON-SMELTER NON-FAC PPA	39,867,070 KWH	AT	\$.0010090		EQUALS\$	40,225.87	
ENVIRONMENTAL SURCHARGE\$2,695,792.51 TAR3		AT	8.2327570 %		EQUALS\$	221,938.05	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION RURAL ADJUSTMENT						47,333.95-	
MRSM - TRANSMISSION RURAL BASE RATE CREDIT						.00	
RER - RESIDENTIAL ADJUSTMENT						148,175.64-	
RER - RESIDENTIAL BASE RATE CREDIT						359,328.62-	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
					TOTAL AMOUNT DUE \$	<u>2,722,220.97</u>	

---LOAD FACTOR---	-----POWER FACTOR-----	MILLS PER KWH	DUE IN
MC COIN.      BILLED	BASE      AVERAGE      @ PEAK		IMMEDIATELY AVAILABLE FUNDS
61.30%      61.34%	90.00%      93.00%      93.00%	68.28	ON THIS DATE
			7/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO JACKSON PURCHASE ECC  
SUBSTATION [REDACTED]

ACCOUNT [REDACTED]

SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		4:00P	1/14	1.80400	1000	1,804
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%		91.00%	AVERAGE	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	24577.210	24870.080	292.870	1000	292,870

ACTUAL DEMAND	1,804 KW TIMES	\$10.7150000	EQUALS\$	19,329.86
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SUB-TOTAL	\$	19,329.86
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ENERGY	292,870 KWH AT	\$ .0380500	EQUALS\$	11,143.70
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SUB-TOTAL	\$	11,143.70
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DEMAND AND ENERGY	\$	30,473.56
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FUEL ADJUSTMENT CLAUSE	292,870 KWH AT	\$ .0018500	EQUALS\$	541.81
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NON-SMELTER NON-FAC PPA	292,870 KWH AT	\$ .0010090	EQUALS\$	295.51
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ENVIRONMENTAL SURCHARGE	\$31,310.88 TAR AT	7.0490240 %	EQUALS\$	2,207.11
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				338.33-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				455.82-
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$	32,723.84
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---LOAD FACTOR---  
ACTUAL BILLED  
21.83% 21.82%

MILLS PER KWH  
111.74

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO JACKSON PURCHASE ECC  
SUBSTATION [REDACTED]

ACCOUNT [REDACTED]

SERVICE FROM 2/01/16 THRU 2/29/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		4:30P	2/18	1.82500	1000	1,825
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%		91.00%	AVERAGE		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	24870.080	25240.700	370.620	1000	370,620

ACTUAL DEMAND	1,825 KW TIMES	\$10.7150000	EQUALS\$	19,554.88
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SUB-TOTAL	\$	19,554.88
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ENERGY	370,620 KWH AT	\$ .0380500	EQUALS\$	14,102.09
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SUB-TOTAL	\$	14,102.09
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DEMAND AND ENERGY	\$	33,656.97
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FUEL ADJUSTMENT CLAUSE	370,620 KWH AT	\$ .0010500	EQUALS\$	389.15
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NON-SMELTER NON-FAC PPA	370,620 KWH AT	\$ .0010090	EQUALS\$	373.96
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ENVIRONMENTAL SURCHARGE	\$34,420.08 TAR AT	6.5999490 %	EQUALS\$	2,271.71
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MRSM ADJUSTMENT				.00
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MRSM - BASE RATE CREDIT				.00
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MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				428.01-
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MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
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RER - BUSINESS ADJUSTMENT				42.30-
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RER - BUSINESS BASE RATE CREDIT				.00
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TOTAL AMOUNT DUE \$		36,221.48
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---LOAD FACTOR---  
ACTUAL    BILLED  
29.17%    29.18%

MILLS PER KWH  
97.73

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 3/31/16

TO JACKSON PURCHASE ECC ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 3/01/16 THRU 3/31/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
 4:30P 3/10 1.80400 1000 1,804  
 POWER FACTOR BASE PEAK AVERAGE BILLED  
 90.00% 91.00% AVERAGE

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED  
 25240.700 25582.320 341.620 1000 341,620

ACTUAL DEMAND 1,804 KW TIMES \$10.7150000 EQUALS\$ 19,329.86  
 SUB-TOTAL \$ 19,329.86

ENERGY 341,620 KWH AT \$.0380500 EQUALS\$ 12,998.64  
 SUB-TOTAL \$ 12,998.64

DEMAND AND ENERGY \$ 32,328.50

FUEL ADJUSTMENT CLAUSE 341,620 KWH AT \$.0005330 EQUALS\$ 182.08

NON-SMELTER NON-FAC PPA 341,620 KWH AT \$.0010090 EQUALS\$ 344.69

ENVIRONMENTAL SURCHARGE \$32,855.27 TAR AT 5.7028760 % EQUALS\$ 1,873.70

MRSM ADJUSTMENT .00  
 MRSM - BASE RATE CREDIT .00  
 MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 374.11-  
 MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
 RER - BUSINESS ADJUSTMENT .00  
 RER - BUSINESS BASE RATE CREDIT .00

TOTAL AMOUNT DUE \$ 34,354.86

---LOAD FACTOR---  
 ACTUAL BILLED  
 25.49% 25.49%

MILLS PER KWH  
 100.56

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO JACKSON PURCHASE ECC

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30P	4/07	1.81400	1000	1,814

POWER FACTOR BASE PEAK AVERAGE BILLED

90.00% 91.00% AVERAGE

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	25582.320	26021.870	439.550	1000	439,550

ACTUAL DEMAND	1,814 KW TIMES	\$10.7150000	EQUALS\$	19,437.01
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SUB-TOTAL \$ 19,437.01

ENERGY	439,550 KWH AT	\$ .0380500	EQUALS\$	16,724.88
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SUB-TOTAL \$ 16,724.88

DEMAND AND ENERGY \$ 36,161.89

FUEL ADJUSTMENT CLAUSE	439,550 KWH AT	\$ .0004830	EQUALS\$	212.30
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NON-SMELTER NON-FAC PPA	439,550 KWH AT	\$ .0010090	EQUALS\$	443.51
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ENVIRONMENTAL SURCHARGE	\$36,817.70 TAR AT	7.1659570 %	EQUALS\$	2,638.34
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				512.31
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$ 38,943.73

---LOAD FACTOR---  
ACTUAL BILLED  
33.65% 33.65%

MILLS PER KWH  
88.60

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO JACKSON PURCHASE ECC

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	5/18	3.21800	1000	3,218

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
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90.00%			91.00%	AVERAGE
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ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	26021.870	26721.910	700.040	1000	700,040

ACTUAL DEMAND	3,218 KW TIMES	\$10.7150000	EQUALS\$	34,480.87
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SUB-TOTAL	\$	34,480.87
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ENERGY	700,040 KWH AT	\$ .0380500	EQUALS\$	26,636.52
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SUB-TOTAL	\$	26,636.52
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DEMAND AND ENERGY	\$	61,117.39
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FUEL ADJUSTMENT CLAUSE	700,040 KWH AT	\$ .0001460-	EQUALS\$	102.21-
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NON-SMELTER NON-FAC PPA	700,040 KWH AT	\$ .0010090	EQUALS\$	706.34
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ENVIRONMENTAL SURCHARGE	\$61,721.52 TAR AT	8.2700910 %	EQUALS\$	5,104.43
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				758.37-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$	66,067.58
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---LOAD FACTOR---  
 ACTUAL BILLED  
 29.24% 29.24%

MILLS PER KWH  
 94.38

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO JACKSON PURCHASE ECC

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	6/14	1.83600	1000	1,836
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%		91.00%	AVERAGE	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	26721.910	27279.650	557.740	1000	557,740

ACTUAL DEMAND	1,836 KW TIMES	\$10.7150000	EQUALS\$	19,672.74
			SUB-TOTAL	\$ 19,672.74

ENERGY	557,740 KWH AT	\$ .0380500	EQUALS\$	21,222.01
			SUB-TOTAL	\$ 21,222.01

			DEMAND AND ENERGY	\$ 40,894.75
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FUEL ADJUSTMENT CLAUSE	557,740 KWH AT	\$ .0006360-	EQUALS\$	354.72-
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NON-SMELTER NON-FAC PPA	557,740 KWH AT	\$ .0010090	EQUALS\$	562.76
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ENVIRONMENTAL SURCHARGE	\$41,102.79 TAR AT	8.2327570 %	EQUALS\$	3,383.89
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				624.21-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$	43,862.47
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---LOAD FACTOR---  
 ACTUAL 42.19%  
 BILLED 42.19%

MILLS PER KWH  
 78.64

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP	ACCOUNT [REDACTED]					
SUBSTATION [REDACTED]	SERVICE FROM 1/01/16 THRU 1/31/16					
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		1:30P	1/11	1.98500	1000	1,985
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
	90.00%		93.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS						
ACTUAL DEMAND		1,985 KW TIMES	\$10.7150000	EQUALS\$		21,269.28
				SUB-TOTAL	\$	21,269.28
ENERGY		683,370 KWH AT	\$ .0380500	EQUALS\$		26,002.23
				SUB-TOTAL	\$	26,002.23
				DEMAND AND ENERGY	\$	47,271.51
FUEL ADJUSTMENT CLAUSE		683,370 KWH AT	\$ .0018500	EQUALS\$		1,264.23
NON-SMELTER NON-FAC PPA		683,370 KWH AT	\$ .0010090	EQUALS\$		689.52
ENVIRONMENTAL SURCHARGE	\$49,225.26	TAR AT	7.0490240 %	EQUALS\$		3,469.90
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						606.31-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						816.87-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		51,271.98

---LOAD FACTOR---  
 ACTUAL BILLED  
 46.27% 46.27%

MILLS PER KWH  
 75.03

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	683,370				



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT ██████████		
SUBSTATION ██████████				SERVICE FROM 1/01/16 THRU 1/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00A	1/08	4.83800	1000	4,838
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	96.00%			
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		60874.490	63008.520	2134.030	1000	2,134,030
ACTUAL DEMAND		4,838 KW TIMES	\$10.7150000	EQUALS\$		51,839.17
				SUB-TOTAL	\$	51,839.17
ENERGY		2,134,030 KWH AT	\$ .0380500	EQUALS\$		81,199.84
				SUB-TOTAL	\$	81,199.84
				DEMAND AND ENERGY	\$	133,039.01
FUEL ADJUSTMENT CLAUSE		2,134,030 KWH AT	\$ .0018500	EQUALS\$		3,947.96
NON-SMELTER NON-FAC PPA		2,134,030 KWH AT	\$ .0010090	EQUALS\$		2,153.24
ENVIRONMENTAL SURCHARGE		\$139,140.21 TAR AT	7.0490240 %	EQUALS\$		9,808.03
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,781.37-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						2,399.99-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		144,766.88

---LOAD FACTOR---  
 ACTUAL      BILLED  
 59.28%      59.29%

MILLS PER KWH  
 67.84

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 1/31/16

TO KENERGY CORP ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 1/01/16 THRU 1/31/16  
 USAGE DEMAND TIME DAY METER MULT KW DEMAND  
 10:30P 1/17 .12000 1000 120  
 POWER FACTOR BASE PEAK AVERAGE BILLED  
 90.00% 95.00% PEAK  
 ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED  
 16696.980 16758.580 61.600 1000 61,600  
 ACTUAL DEMAND 120 KW TIMES \$10.7150000 EQUALS\$ 1,285.80  
 SUB-TOTAL \$ 1,285.80  
 ENERGY 61,600 KWH AT \$.0380500 EQUALS\$ 2,343.88  
 SUB-TOTAL \$ 2,343.88  
 DEMAND AND ENERGY \$ 3,629.68  
 FUEL ADJUSTMENT CLAUSE 61,600 KWH AT \$.0018500 EQUALS\$ 113.96  
 NON-SMELTER NON-FAC PPA 61,600 KWH AT \$.0010090 EQUALS\$ 62.15  
 ENVIRONMENTAL SURCHARGE \$3,805.79 TAR AT 7.0490240 % EQUALS\$ 268.27  
 MRSM ADJUSTMENT .00  
 MRSM - BASE RATE CREDIT .00  
 MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 49.80-  
 MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
 RER - BUSINESS ADJUSTMENT 67.09-  
 RER - BUSINESS BASE RATE CREDIT .00  
 TOTAL AMOUNT DUE \$ 3,957.17

---LOAD FACTOR---  
 ACTUAL BILLED  
 69.11% 69.00%

MILLS PER KWH  
 64.24

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 1/01/16 THRU 1/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	1/19	2.40900	1000	2,409
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	81.00%			
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		12722.070	14009.660	1287.590	1000	1,287,590
ACTUAL DEMAND		2,409 KW TIMES	\$10.7150000	EQUALS\$		25,812.44
P/F PENALTY		268 KW TIMES	\$10.7150000	EQUALS\$		2,871.62
				SUB-TOTAL	\$	28,684.06
ENERGY		1,287,590 KWH	AT	\$ .0380500	EQUALS\$	48,992.80
				SUB-TOTAL	\$	48,992.80
				DEMAND AND ENERGY	\$	77,676.86
FUEL ADJUSTMENT CLAUSE		1,287,590 KWH	AT	\$ .0018500	EQUALS\$	2,382.04
NON-SMELTER NON-FAC PPA		1,287,590 KWH	AT	\$ .0010090	EQUALS\$	1,299.18
ENVIRONMENTAL SURCHARGE		\$78,486.46	TAR AT	7.0490240 %	EQUALS\$	5,532.53
MRSB ADJUSTMENT						.00
MRSB - BASE RATE CREDIT						.00
MRSB - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,032.82
MRSB - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						1,391.48
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		84,466.31

---LOAD FACTOR---  
 ACTUAL      BILLED  
 71.83%      71.84%

MILLS PER KWH  
 65.60

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:00P	1/04	.18900	1000	189

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	95.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	32471.000	32554.860	83.860	1000	83,860

ACTUAL DEMAND	189 KW TIMES	\$10.7150000	EQUALS\$	2,025.14
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SUB-TOTAL	\$	2,025.14
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ENERGY	83,860 KWH AT	\$ .0380500	EQUALS\$	3,190.87
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SUB-TOTAL	\$	3,190.87
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DEMAND AND ENERGY	\$	5,216.01
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FUEL ADJUSTMENT CLAUSE	83,860 KWH AT	\$ .0018500	EQUALS\$	155.14
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NON-SMELTER NON-FAC PPA	83,860 KWH AT	\$ .0010090	EQUALS\$	84.61
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ENVIRONMENTAL SURCHARGE	\$5,455.76 TAR AT	7.0490240 %	EQUALS\$	384.58
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				69.90-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				94.18-
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$	5,676.26
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---LOAD FACTOR---  
 ACTUAL      BILLED  
 59.64%      59.64%

MILLS PER KWH  
 67.69

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30A	1/18	27.36400	1000	27,364

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	27,364 KW TIMES	\$10.7150000	EQUALS\$	293,205.26
			SUB-TOTAL	\$ 293,205.26
ENERGY	15,813,000 KWH AT	\$ .0380500	EQUALS\$	601,684.65
			SUB-TOTAL	\$ 601,684.65
			DEMAND AND ENERGY	\$ 894,889.91
FUEL ADJUSTMENT CLAUSE	15,813,000 KWH AT	\$ .0018500	EQUALS\$	29,254.05
NON-SMELTER NON-FAC PPA	15,813,000 KWH AT	\$ .0010090	EQUALS\$	15,955.32
ENVIRONMENTAL SURCHARGE	\$940,099.28 TAR AT	7.0490240 %	EQUALS\$	66,267.82
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				12,501.20
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				16,842.56
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	977,023.34

---LOAD FACTOR---  
 ACTUAL      BILLED  
 77.67%      77.67%

MILLS PER KWH  
 61.79

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	15,813,000				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 1/01/16 THRU 1/31/16  
 USAGE      DEMAND      TIME      DAY      METER      MULT      KW DEMAND  
    8:30A      1/27      69.31400      1000      69,314  
 ENERGY      \*\*\* SEE ATTACHED PAGES FOR KWH CALCULATIONS

FIRM POWER - DEMAND	15,000 KW TIMES	\$10.7150000	EQUALS\$	160,725.00
			SUB-TOTAL	\$ 160,725.00
FIRM POWER - ENERGY	10,143,113 KWH AT	\$ .0380500	EQUALS\$	385,945.45
			SUB-TOTAL	\$ 385,945.45
	FIRM POWER - DEMAND AND ENERGY			\$ 546,670.45
FUEL ADJUSTMENT CLAUSE	10,143,113 KWH AT	\$ .0018500	EQUALS\$	18,764.76
NON-SMELTER NON-FAC PPA	10,143,113 KWH AT	\$ .0010090	EQUALS\$	10,234.40
ENVIRONMENTAL SURCHARGE	\$575,669.61 TAR AT	7.0490240 %	EQUALS\$	40,579.09
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				7,808.65-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				10,520.40-
RER - BUSINESS BASE RATE CREDIT				.00
BACKUP POWER-2,031,457 X .0241031 see attached			EQUALS\$	48,964.32
REPLACEMENT POWER - (see attached)			EQUALS\$	.00
ENERGY IMBALANCE SERVICE - (see attached)			EQUALS\$	.00
POWER FACTOR PENALTY-COGEN AGREEMENT: Section 12(a) (see attached)			EQUALS\$	2,134.52
Section 12(b) (see attached)			EQUALS\$	2,937.98
ADDL CHR: BACKUP & REPLACEMENT POWER SERVICE=2,031,457kWhx.001			EQUALS\$	2,031.46
MONTHLY CHARGE			EQUALS\$	.00
METERING AND BILLING CHARGE - 1/12 ANNUAL ADM & GENL COSTS			EQUALS\$	3,976.37
POWER PURCHASED BY BREC - 000,000 TIMES .0550000 = (00,000.00)			EQUALS\$	.00
ADJUSTMENT - MISO TRUE-UPS -			EQUALS\$	.00
Transmission - MISO			EQUALS\$	86,888.31
TOTAL AMOUNT DUE \$				744,852.61

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16





I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]      SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00A	1/18	3.84800	1000	3,848
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	92.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	3,848 KW TIMES	\$10.7150000	EQUALS\$	41,231.32
			SUB-TOTAL	\$ 41,231.32
ENERGY	1,757,090 KWH AT	\$ .0380500	EQUALS\$	66,857.27
			SUB-TOTAL	\$ 66,857.27
			DEMAND AND ENERGY	\$ 108,088.59
FUEL ADJUSTMENT CLAUSE	1,757,090 KWH AT	\$ .0018500	EQUALS\$	3,250.62
NON-SMELTER NON-FAC PPA	1,757,090 KWH AT	\$ .0010090	EQUALS\$	1,772.90
ENVIRONMENTAL SURCHARGE	\$113,112.11 TAR AT	7.0490240 %	EQUALS\$	7,973.30
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,455.57-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				1,961.04-
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	117,668.80

---LOAD FACTOR---  
 ACTUAL      BILLED  
 61.37%      61.37%

MILLS PER KWH  
 66.97

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	1,757,090				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED] SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00A	1/19	36.63400	1000	36,634

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	91.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	36,634 KW TIMES	\$10.7150000	EQUALS\$	392,533.31
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SUB-TOTAL	\$	392,533.31
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ENERGY	25,161,730 KWH AT	\$ .0380500	EQUALS\$	957,403.83
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SUB-TOTAL	\$	957,403.83
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DEMAND AND ENERGY	\$	1,349,937.14
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FUEL ADJUSTMENT CLAUSE	25,161,730 KWH AT	\$ .0018500	EQUALS\$	46,549.20
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NON-SMELTER NON-FAC PPA	25,161,730 KWH AT	\$ .0010090	EQUALS\$	25,388.19
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ENVIRONMENTAL SURCHARGE	\$1,421,874.53 TAR AT	7.0490240 %	EQUALS\$	100,228.28
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				19,323.27-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				26,033.78-
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$		1,476,745.76
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---LOAD FACTOR---  
 ACTUAL BILLED  
 92.32% 92.32%

MILLS PER KWH  
 58.69

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	25,161,730				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:30P	1/08	10.54300	1000	10,543
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	91.00%		PEAK	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	10,543 KW TIMES	\$10.7150000	EQUALS\$	112,968.25
			SUB-TOTAL	\$ 112,968.25
ENERGY	5,611,060 KWH AT	\$ .0380500	EQUALS\$	213,500.83
			SUB-TOTAL	\$ 213,500.83
			DEMAND AND ENERGY	\$ 326,469.08
FUEL ADJUSTMENT CLAUSE	5,611,060 KWH AT	\$ .0018500	EQUALS\$	10,380.46
NON-SMELTER NON-FAC PPA	5,611,060 KWH AT	\$ .0010090	EQUALS\$	5,661.56
ENVIRONMENTAL SURCHARGE	\$342,511.10 TAR AT	7.0490240 %	EQUALS\$	24,143.69
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				4,504.51-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				6,068.80-
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	356,081.48

---LOAD FACTOR---  
 ACTUAL BILLED  
 71.53% 71.53%

MILLS PER KWH  
 63.46

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	5,611,060				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 1/01/16 THRU 1/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:00A	1/27	.02300	1000	23
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	46.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		41672.700	41685.130	12.430	1000	12,430
CONTRACT DEMAND		60 KW TIMES	\$10.7150000	EQUALS\$		642.90
						-----
				SUB-TOTAL	\$	642.90
ENERGY		12,430 KWH AT	\$.0380500	EQUALS\$		472.96
						-----
				SUB-TOTAL	\$	472.96
						-----
				DEMAND AND ENERGY	\$	1,115.86
FUEL ADJUSTMENT CLAUSE		12,430 KWH AT	\$.0018500	EQUALS\$		23.00
NON-SMELTER NON-FAC PPA		12,430 KWH AT	\$.0010090	EQUALS\$		12.54
ENVIRONMENTAL SURCHARGE		\$1,151.40 TAR AT	7.0490240 %	EQUALS\$		81.16
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						12.99-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						17.51-
RER - BUSINESS BASE RATE CREDIT						.00
						-----
				TOTAL AMOUNT DUE \$		1,202.06
						=====

---LOAD FACTOR---  
 ACTUAL      BILLED  
 72.64%      27.84%

MILLS PER KWH  
 96.71

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 1/01/16 THRU 1/31/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
 9:00P 1/10 .07000 1000 70

POWER FACTOR BASE PEAK AVERAGE BILLED  
 90.00% 54.00% PEAK

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND 70 KW TIMES \$10.7150000 EQUALS\$ 750.05  
 P/F PENALTY 49 KW TIMES \$10.7150000 EQUALS\$ 525.04

SUB-TOTAL \$ 1,275.09

ENERGY 43,150 KWH AT \$.0380500 EQUALS\$ 1,641.86

SUB-TOTAL \$ 1,641.86

DEMAND AND ENERGY \$ 2,916.95

FUEL ADJUSTMENT CLAUSE 43,150 KWH AT \$.0018500 EQUALS\$ 79.83

NON-SMELTER NON-FAC PPA 43,150 KWH AT \$.0010090 EQUALS\$ 43.54

ENVIRONMENTAL SURCHARGE \$2,515.28 TAR AT 7.0490240 % EQUALS\$ 177.30

MRSM ADJUSTMENT .00  
 MRSM - BASE RATE CREDIT .00  
 MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 33.72-  
 MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
 RER - BUSINESS ADJUSTMENT 45.44-  
 RER - BUSINESS BASE RATE CREDIT .00

TOTAL AMOUNT DUE \$ 3,138.46

---LOAD FACTOR---  
 ACTUAL BILLED  
 82.38% 82.85%

MILLS PER KWH  
 72.73

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16



M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	43,150				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 1/01/16 THRU 1/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		7:00A	1/04	.62500	1000	625
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	625 KW TIMES	\$10.7150000	EQUALS\$	6,696.88
			SUB-TOTAL	\$ 6,696.88
ENERGY	327,590 KWH AT	\$.0380500	EQUALS\$	12,464.80
			SUB-TOTAL	\$ 12,464.80
			DEMAND AND ENERGY	\$ 19,161.68
FUEL ADJUSTMENT CLAUSE	327,590 KWH AT	\$.0018500	EQUALS\$	606.04
NON-SMELTER NON-FAC PPA	327,590 KWH AT	\$.0010090	EQUALS\$	330.54
ENVIRONMENTAL SURCHARGE	\$20,098.26 TAR AT	7.0490240 %	EQUALS\$	1,416.73
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				263.76-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				355.36-
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	20,895.87

---LOAD FACTOR---  
 ACTUAL BILLED  
 70.47% 70.45%

MILLS PER KWH  
 63.79

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	327,590				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 1/01/16 THRU 1/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:00A	1/28	3.75800	1000	3,758
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	91.00%			
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		71542.130	72313.950	771.820	1000	771,820
ACTUAL DEMAND		3,758 KW TIMES	\$10.7150000	EQUALS\$		40,266.97
						40,266.97
ENERGY		771,820 KWH AT	\$ .0380500	EQUALS\$		29,367.75
						29,367.75
						69,634.72
FUEL ADJUSTMENT CLAUSE		771,820 KWH AT	\$ .0018500	EQUALS\$		1,427.87
NON-SMELTER NON-FAC PPA		771,820 KWH AT	\$ .0010090	EQUALS\$		778.77
ENVIRONMENTAL SURCHARGE		\$71,841.36 TAR AT	7.0490240 %	EQUALS\$		5,064.11
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						809.60-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						1,090.76-
RER - BUSINESS BASE RATE CREDIT						.00
						75,005.11
						75,005.11

---LOAD FACTOR---  
 ACTUAL      BILLED  
 27.60%      27.60%

MILLS PER KWH  
 97.18

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 1/01/16 THRU 1/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00P	1/19	11.74300	1000	11,743
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED	
		90.00%	94.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		29183.920	34149.710	4965.790	1000	4,965,790
ACTUAL DEMAND		11,743 KW TIMES		\$10.7150000	EQUALS\$	125,826.25
TRANSMISSION - KU - JAN 2016					EQUALS\$	7,827.89
TRANSMISSION - LG&E - JAN 2016					EQUALS\$	3,576.98
					SUB-TOTAL	\$ 137,231.12
ENERGY	4,965,790 KWH	AT	\$ .0380500	EQUALS\$		188,948.31
					SUB-TOTAL	\$ 188,948.31
					DEMAND AND ENERGY	\$ 326,179.43
FUEL ADJUSTMENT CLAUSE	4,965,790 KWH	AT	\$ .0018500	EQUALS\$		9,186.71
NON-SMELTER NON-FAC PPA	4,965,790 KWH	AT	\$ .0010090	EQUALS\$		5,010.48
ENVIRONMENTAL SURCHARGE	\$328,971.75	TAR	AT 7.0490240 %	EQUALS\$		23,189.30
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						4,185.11-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						5,638.48-
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	<u>353,742.33</u>

---LOAD FACTOR---  
 ACTUAL BILLED  
 56.84% 56.84%

MILLS PER KWH  
 71.24

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP	ACCOUNT [REDACTED]					
SUBSTATION [REDACTED]	SERVICE FROM 1/01/16 THRU 1/31/16					
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:00P	1/27	7.32600	1000	7,326
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		74840.940	79299.660	4458.720	1000	4,458,720
ACTUAL DEMAND		7,326 KW TIMES	\$10.7150000		EQUALS\$	78,498.09
					SUB-TOTAL	\$ 78,498.09
ENERGY		4,458,720 KWH AT	\$ .0380500		EQUALS\$	169,654.30
					SUB-TOTAL	\$ 169,654.30
					DEMAND AND ENERGY	\$ 248,152.39
FUEL ADJUSTMENT CLAUSE		4,458,720 KWH AT	\$ .0018500		EQUALS\$	8,248.63
NON-SMELTER NON-FAC PPA		4,458,720 KWH AT	\$ .0010090		EQUALS\$	4,498.85
ENVIRONMENTAL SURCHARGE	\$260,899.87	TAR AT	7.0490240 %		EQUALS\$	18,390.89
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,492.83
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						4,705.79
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	271,092.14

---LOAD FACTOR---  
 ACTUAL BILLED  
 81.81% 81.80%

MILLS PER KWH  
 60.80

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 1/01/16 THRU 1/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		5:30A	1/08	3.28900	1000	3,289
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	100.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		24592.480	25767.530	1175.050	1000	1,175,050
ACTUAL DEMAND		3,289 KW TIMES	\$10.7150000			
TRANSMISSION - KU - JAN 2016				EQUALS\$		35,241.64
TRANSMISSION - LG&E - JAN 2016				EQUALS\$		1,477.17
						675.00
				SUB-TOTAL	\$	37,393.81
ENERGY		1,175,050 KWH	AT	\$ .0380500	EQUALS\$	44,710.65
				SUB-TOTAL	\$	44,710.65
				DEMAND AND ENERGY	\$	82,104.46
FUEL ADJUSTMENT CLAUSE		1,175,050 KWH	AT	\$ .0018500	EQUALS\$	2,173.84
NON-SMELTER NON-FAC PPA		1,175,050 KWH	AT	\$ .0010090	EQUALS\$	1,185.63
ENVIRONMENTAL SURCHARGE		\$83,311.76	TAR AT	7.0490240 %	EQUALS\$	5,872.67
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,032.32
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						1,390.83
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		88,913.45

---LOAD FACTOR---  
 ACTUAL      BILLED  
 48.03%      48.02%

MILLS PER KWH  
 75.67

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]				SERVICE FROM		1/01/16	THRU 1/31/16
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		9:00A	1/30	.70600	1000	706	
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED		
		90.00%	98.00%		PEAK		
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		32069.610	32371.310	301.700	1000	301,700	
CONTRACT DEMAND		1,000 KW TIMES		\$10.7150000	EQUALS\$	10,715.00	
TRANSMISSION - KU - JAN 2016					EQUALS\$	351.96	
TRANSMISSION - LG&E - JAN 2016					EQUALS\$	160.83	
						-----	
					SUB-TOTAL	\$	11,227.79
ENERGY	301,700 KWH	AT		\$ .0380500	EQUALS\$	11,479.69	
						-----	
					SUB-TOTAL	\$	11,479.69
						-----	
					DEMAND AND ENERGY	\$	22,707.48
FUEL ADJUSTMENT CLAUSE	301,700 KWH	AT		\$ .0018500	EQUALS\$	558.15	
NON-SMELTER NON-FAC PPA	301,700 KWH	AT		\$ .0010090	EQUALS\$	304.42	
ENVIRONMENTAL SURCHARGE	\$23,057.26	TAR	AT	7.0490240 %	EQUALS\$	1,625.31	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						277.86-	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						374.35-	
RER - BUSINESS BASE RATE CREDIT						.00	
						-----	
					TOTAL AMOUNT DUE	\$	24,543.15
						=====	

---LOAD FACTOR---  
 ACTUAL    BILLED  
 57.47%    40.55%

MILLS PER KWH  
 81.35

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]				SERVICE FROM 1/01/16 THRU 1/31/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		7:00A	1/04	.74300	1000	743	
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK	
		90.00%	87.00%				
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		16504.350	17047.180	542.830	1000	542,830	
CONTRACT DEMAND		750 KW TIMES	\$10.7150000	EQUALS\$		8,036.25	
P/F PENALTY		19 KW TIMES	\$10.7150000	EQUALS\$		203.59	
				SUB-TOTAL	\$	8,239.84	
ENERGY		542,830 KWH	AT	\$ .0380500	EQUALS\$	20,654.68	
				SUB-TOTAL	\$	20,654.68	
				DEMAND AND ENERGY	\$	28,894.52	
FUEL ADJUSTMENT CLAUSE		542,830 KWH	AT	\$ .0018500	EQUALS\$	1,004.24	
NON-SMELTER NON-FAC PPA		542,830 KWH	AT	\$ .0010090	EQUALS\$	547.72	
ENVIRONMENTAL SURCHARGE	\$30,242.89	TAR	AT	7.0490240 %	EQUALS\$	2,131.83	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						413.55-	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						557.17-	
RER - BUSINESS BASE RATE CREDIT						.00	
				TOTAL AMOUNT DUE \$		31,607.59	

---LOAD FACTOR---  
 ACTUAL BILLED  
 98.15% 97.28%

MILLS PER KWH  
 58.23

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 1/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]				SERVICE FROM 1/01/16 THRU 1/31/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		8:30P	1/18	4.62700	1000	4,627	
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK	
		90.00%	83.00%				
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		26735.180	28908.380	2173.200	1000	2,173,200	
ACTUAL DEMAND		4,627 KW TIMES	\$10.7150000	EQUALS\$		49,578.31	
P/F PENALTY		390 KW TIMES	\$10.7150000	EQUALS\$		4,178.85	
				SUB-TOTAL	\$	53,757.16	
ENERGY		2,173,200 KWH	AT	\$ .0380500	EQUALS\$	82,690.26	
				SUB-TOTAL	\$	82,690.26	
				DEMAND AND ENERGY	\$	136,447.42	
FUEL ADJUSTMENT CLAUSE		2,173,200 KWH	AT	\$ .0018500	EQUALS\$	4,020.42	
NON-SMELTER NON-FAC PPA		2,173,200 KWH	AT	\$ .0010090	EQUALS\$	2,192.76	
ENVIRONMENTAL SURCHARGE	\$138,481.75	TAR	AT	7.0490240 %	EQUALS\$	9,761.61	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,789.39-	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						2,410.78-	
RER - BUSINESS BASE RATE CREDIT						.00	
				TOTAL AMOUNT DUE \$		148,222.04	

---LOAD FACTOR---  
 ACTUAL BILLED  
 63.12% 63.13%

MILLS PER KWH  
 68.20

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 2/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]      SERVICE FROM 2/01/16 THRU 2/29/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	2/29	1.73700	1000	1,737

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	83.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	1,737 KW TIMES	\$10.7150000	EQUALS\$	18,611.96
P/F PENALTY	146 KW TIMES	\$10.7150000	EQUALS\$	1,564.39

SUB-TOTAL \$ 20,176.35

ENERGY	619,820 KWH AT	\$ .0380500	EQUALS\$	23,584.15
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SUB-TOTAL \$ 23,584.15

DEMAND AND ENERGY \$ 43,760.50

FUEL ADJUSTMENT CLAUSE	619,820 KWH AT	\$ .0010500	EQUALS\$	650.81
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NON-SMELTER NON-FAC PPA	619,820 KWH AT	\$ .0010090	EQUALS\$	625.40
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ENVIRONMENTAL SURCHARGE	\$43,472.32 TAR AT	6.5999490 %	EQUALS\$	2,869.15
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				587.81
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				75.78
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$ 47,242.27

---LOAD FACTOR---  
 ACTUAL      BILLED  
 51.28%      51.27%

MILLS PER KWH  
 76.22

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	619,820				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP	ACCOUNT [REDACTED]
SUBSTATION [REDACTED]	SERVICE FROM 2/01/16 THRU 2/29/16
USAGE      DEMAND      TIME      DAY	METER      MULT      KW DEMAND
	4.94400      1000      4,944
POWER FACTOR      BASE      PEAK      AVERAGE	BILLED
	90.00%      95.00%      PEAK
ENERGY	PREVIOUS      PRESENT      DIFFERENCE      MULT.      KWH USED
	63008.520      65097.780      2089.260      1000      2,089,260
ACTUAL DEMAND	4,944 KW TIMES      \$10.715000      EQUALS\$      52,974.96
	SUB-TOTAL      \$      52,974.96
ENERGY	2,089,260 KWH AT      \$.0380500      EQUALS\$      79,496.34
	SUB-TOTAL      \$      79,496.34
	DEMAND AND ENERGY      \$      132,471.30
FUEL ADJUSTMENT CLAUSE	2,089,260 KWH AT      \$.0010500      EQUALS\$      2,193.72
NON-SMELTER NON-FAC PPA	2,089,260 KWH AT      \$.0010090      EQUALS\$      2,108.06
ENVIRONMENTAL SURCHARGE	\$136,773.08 TAR AT      6.5999490 %      EQUALS\$      9,026.95
MRSM ADJUSTMENT	.00
MRSM - BASE RATE CREDIT	.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT	1,892.73-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT	.00
RER - BUSINESS ADJUSTMENT	222.68-
RER - BUSINESS BASE RATE CREDIT	.00
	TOTAL AMOUNT DUE \$      143,684.62

---LOAD FACTOR---  
 ACTUAL      BILLED  
 60.71%      60.72%

MILLS PER KWH  
 68.77

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP				ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]				SERVICE FROM 2/01/16 THRU 2/29/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		7:00A	2/10	.12000	1000	120	
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
		90.00%	91.00%		PEAK		
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		16758.580	16808.780	50.200	1000	50,200	
ACTUAL DEMAND		120 KW TIMES	\$10.7150000	EQUALS\$		1,285.80	
				SUB-TOTAL	\$	1,285.80	
ENERGY		50,200 KWH AT	\$ .0380500	EQUALS\$		1,910.11	
				SUB-TOTAL	\$	1,910.11	
				DEMAND AND ENERGY	\$	3,195.91	
FUEL ADJUSTMENT CLAUSE		50,200 KWH AT	\$ .0010500	EQUALS\$		52.71	
NON-SMELTER NON-FAC PPA		50,200 KWH AT	\$ .0010090	EQUALS\$		50.65	
ENVIRONMENTAL SURCHARGE		\$3,299.27 TAR AT	6.5999490 %	EQUALS\$		217.75	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						45.59-	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						6.22-	
RER - BUSINESS BASE RATE CREDIT						.00	
				TOTAL AMOUNT DUE \$		3,465.21	

---LOAD FACTOR---  
 ACTUAL      BILLED  
 60.21%      60.11%

MILLS PER KWH  
 69.03

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP		ACCOUNT		[REDACTED]		
SUBSTATION		[REDACTED]		SERVICE FROM 2/01/16 THRU 2/29/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:00P	2/23	2.06500	1000	2,065
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	79.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		14009.660	15183.390	1173.730	1000	1,173,730
ACTUAL DEMAND		2,065 KW TIMES	\$10.7150000	EQUALS\$		22,126.48
P/F PENALTY		288 KW TIMES	\$10.7150000	EQUALS\$		3,085.92
				SUB-TOTAL	\$	25,212.40
ENERGY		1,173,730 KWH	AT	\$ .0380500	EQUALS\$	44,660.43
					SUB-TOTAL	\$ 44,660.43
				DEMAND AND ENERGY	\$	69,872.83
FUEL ADJUSTMENT CLAUSE		1,173,730 KWH	AT	\$ .0010500	EQUALS\$	1,232.42
NON-SMELTER NON-FAC PPA		1,173,730 KWH	AT	\$ .0010090	EQUALS\$	1,184.29
ENVIRONMENTAL SURCHARGE		\$69,203.62 TAR	AT	6.5999490 %	EQUALS\$	4,567.40
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						993.97-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						129.09-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	75,733.88

---LOAD FACTOR---  
 ACTUAL      BILLED  
 81.67%      81.67%

MILLS PER KWH  
 64.52

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED] SERVICE FROM 2/01/16 THRU 2/29/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND
11:00P 2/25 .14200 1000 142

POWER FACTOR BASE PEAK AVERAGE BILLED
90.00% 100.00% PEAK

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED
32554.860 32621.920 67.060 1000 67,060

ACTUAL DEMAND 142 KW TIMES \$10.7150000 EQUALS\$ 1,521.53

SUB-TOTAL \$ 1,521.53

ENERGY 67,060 KWH AT \$.0380500 EQUALS\$ 2,551.63

SUB-TOTAL \$ 2,551.63

DEMAND AND ENERGY \$ 4,073.16

FUEL ADJUSTMENT CLAUSE 67,060 KWH AT \$.0010500 EQUALS\$ 70.41

NON-SMELTER NON-FAC PPA 67,060 KWH AT \$.0010090 EQUALS\$ 67.66

ENVIRONMENTAL SURCHARGE \$4,211.23 TAR AT 6.5999490 % EQUALS\$ 277.94

MRSM ADJUSTMENT .00

MRSM - BASE RATE CREDIT .00

MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 59.12-

MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00

RER - BUSINESS ADJUSTMENT 8.74-

RER - BUSINESS BASE RATE CREDIT .00

TOTAL AMOUNT DUE \$ 4,421.31

---LOAD FACTOR---
ACTUAL BILLED
67.95% 67.85%

MILLS PER KWH
65.93

DUE IN
IMMEDIATELY AVAILABLE FUNDS
ON THIS DATE
3/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP	ACCOUNT [REDACTED]					
SUBSTATION [REDACTED]	SERVICE FROM 2/01/16 THRU 2/29/16					
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	2/15	27.35900	1000	27,359
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS						
ACTUAL DEMAND	27,359 KW TIMES	\$10.7150000		EQUALS\$		293,151.69
				SUB-TOTAL	\$	293,151.69
ENERGY	14,640,560 KWH AT	\$ .0380500		EQUALS\$		557,073.31
				SUB-TOTAL	\$	557,073.31
				DEMAND AND ENERGY	\$	850,225.00
FUEL ADJUSTMENT CLAUSE	14,640,560 KWH AT	\$ .0010500		EQUALS\$		15,372.59
NON-SMELTER NON-FAC PPA	14,640,560 KWH AT	\$ .0010090		EQUALS\$		14,772.33
ENVIRONMENTAL SURCHARGE	\$880,369.92 TAR AT	6.5999490 %		EQUALS\$		58,103.97
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						12,554.22-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						1,562.78-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	924,356.89

---LOAD FACTOR---  
 ACTUAL BILLED  
 76.89% 76.89%

MILLS PER KWH  
 63.14

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	14,640,560				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 2/01/16 THRU 2/29/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND
10:30P 2/02 68.29900 1000 68,299

ENERGY \*\*\* SEE ATTACHED PAGES FOR KWH CALCULATIONS

Table with columns for item description, quantity, unit, rate, and amount. Includes items like FIRM POWER - DEMAND, FIRM POWER - ENERGY, FUEL ADJUSTMENT CLAUSE, NON-SMELTER NON-FAC PPA, ENVIRONMENTAL SURCHARGE, MRSM ADJUSTMENT, RER - BUSINESS ADJUSTMENT, BACKUP POWER, REPLACEMENT POWER, ENERGY IMBALANCE SERVICE, POWER FACTOR PENALTY, ADDL CHR: BACKUP & REPLACEMENT POWER SERVICE, METERING AND BILLING CHARGE, POWER PURCHASED BY BREC, ADJUSTMENT - MISO TRUE-UPS, and Transmission - MISO. Total amount due is \$832,845.94.

DUE IN IMMEDIATELY AVAILABLE FUNDS ON THIS DATE 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	15,728,870				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP      ACCOUNT ██████████  
 SUBSTATION ██████████      SERVICE FROM 2/01/16 THRU 2/29/16  
 USAGE      DEMAND      TIME      DAY      METER      MULT      KW DEMAND  
                                  10:30A      2/09      3.66700      1000      3,667  
 POWER FACTOR      BASE      PEAK      AVERAGE      BILLED  
                                  90.00%      89.00%      PEAK  
 ENERGY      PREVIOUS      PRESENT      DIFFERENCE      MULT.      KWH USED  
 \*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	3,667 KW TIMES	\$10.7150000	EQUALS\$	39,291.91
P/F PENALTY	41 KW TIMES	\$10.7150000	EQUALS\$	439.32
			SUB-TOTAL	\$ 39,731.23
ENERGY	1,630,450 KWH AT	\$ .0380500	EQUALS\$	62,038.62
			SUB-TOTAL	\$ 62,038.62
			DEMAND AND ENERGY	\$ 101,769.85
FUEL ADJUSTMENT CLAUSE	1,630,450 KWH AT	\$ .0010500	EQUALS\$	1,711.97
NON-SMELTER NON-FAC PPA	1,630,450 KWH AT	\$ .0010090	EQUALS\$	1,645.12
ENVIRONMENTAL SURCHARGE	\$104,687.62 TAR AT	6.5999490 %	EQUALS\$	6,909.33
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,458.47
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				181.96
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	110,395.84

---LOAD FACTOR---  
 ACTUAL      BILLED  
 63.89%      63.88%

MILLS PER KWH  
 67.71

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	1,630,450				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 2/01/16 THRU 2/29/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		3:30P	2/01	36.50400	1000	36,504
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	91.00%			

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	36,504 KW TIMES	\$10.7150000	EQUALS\$	391,140.36
			SUB-TOTAL	\$ 391,140.36
ENERGY	24,246,230 KWH AT	\$ .0380500	EQUALS\$	922,569.05
			SUB-TOTAL	\$ 922,569.05
			DEMAND AND ENERGY	\$ 1,313,709.41
FUEL ADJUSTMENT CLAUSE	24,246,230 KWH AT	\$ .0010500	EQUALS\$	25,458.54
NON-SMELTER NON-FAC PPA	24,246,230 KWH AT	\$ .0010090	EQUALS\$	24,464.45
ENVIRONMENTAL SURCHARGE	\$1,363,632.40 TAR AT	6.5999490 %	EQUALS\$	89,999.04
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				19,934.07-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				2,415.63-
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	<u>1,431,281.74</u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 95.43%      95.43%

MILLS PER KWH  
 59.03

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	24,246,230				



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 2/01/16 THRU 2/29/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00A	2/23	10.62700	1000	10,627

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
	90.00%	91.00%			

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS				

ACTUAL DEMAND	10,627 KW TIMES	\$10.715000	EQUALS\$		113,868.31
					-----
					113,868.31
ENERGY	6,011,780 KWH AT	\$ .0380500	EQUALS\$		228,748.23
					-----
					228,748.23
					-----
					342,616.54
FUEL ADJUSTMENT CLAUSE	6,011,780 KWH AT	\$ .0010500	EQUALS\$		6,312.37
NON-SMELTER NON-FAC PPA	6,011,780 KWH AT	\$ .0010090	EQUALS\$		6,065.89
ENVIRONMENTAL SURCHARGE	\$354,994.80 TAR AT	6.5999490 %	EQUALS\$		23,429.48
MRSM ADJUSTMENT					.00
MRSM - BASE RATE CREDIT					.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT					5,095.98-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT					.00
RER - BUSINESS ADJUSTMENT					563.17-
RER - BUSINESS BASE RATE CREDIT					.00
					-----
			TOTAL AMOUNT DUE \$		372,765.13
					=====

---LOAD FACTOR---  
 ACTUAL      BILLED  
 81.28%      81.28%

MILLS PER KWH  
 62.01

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	6,011,780				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP			ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]			SERVICE FROM 2/01/16 THRU 2/29/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	2/04	.02900	1000	29
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	55.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		41685.130	41696.550	11.420	1000	11,420
CONTRACT DEMAND		60 KW TIMES	\$10.7150000	EQUALS\$		642.90
				SUB-TOTAL	\$	642.90
ENERGY		11,420 KWH AT	\$ .0380500	EQUALS\$		434.53
				SUB-TOTAL	\$	434.53
				DEMAND AND ENERGY	\$	1,077.43
FUEL ADJUSTMENT CLAUSE		11,420 KWH AT	\$ .0010500	EQUALS\$		11.99
NON-SMELTER NON-FAC PPA		11,420 KWH AT	\$ .0010090	EQUALS\$		11.52
ENVIRONMENTAL SURCHARGE		\$1,100.94 TAR AT	6.5999490 %	EQUALS\$		72.66
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						13.55-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						1.62-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		1,158.43

---LOAD FACTOR---  
 ACTUAL    BILLED  
 56.97%    27.35%

MILLS PER KWH  
 101.44

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 2/01/16 THRU 2/29/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		6:00A	2/09	.07000	1000	70

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	60.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	70 KW TIMES	\$10.7150000	EQUALS\$	750.05
P/F PENALTY	37 KW TIMES	\$10.7150000	EQUALS\$	396.46

	SUB-TOTAL	\$	1,146.51
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ENERGY	39,470 KWH	AT	\$.0380500	EQUALS\$	1,501.83
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	SUB-TOTAL	\$	1,501.83
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	DEMAND AND ENERGY	\$	2,648.34
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FUEL ADJUSTMENT CLAUSE	39,470 KWH	AT	\$.0010500	EQUALS\$	41.44
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NON-SMELTER NON-FAC PPA	39,470 KWH	AT	\$.0010090	EQUALS\$	39.83
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ENVIRONMENTAL SURCHARGE	\$2,333.15	TAR	AT	6.5999490 %	EQUALS\$	153.99
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MRSM ADJUSTMENT		.00
MRSM - BASE RATE CREDIT		.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT		33.47-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT		.00
RER - BUSINESS ADJUSTMENT		4.21-
RER - BUSINESS BASE RATE CREDIT		.00

	TOTAL AMOUNT DUE \$		2,845.92
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---LOAD FACTOR---  
 ACTUAL    BILLED  
 80.55%    81.01%

MILLS PER KWH  
 72.10

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	39,470				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP	ACCOUNT [REDACTED]
SUBSTATION [REDACTED]	SERVICE FROM 2/01/16 THRU 2/29/16
USAGE      DEMAND      TIME      DAY      METER      MULT      KW DEMAND	
	1:30P      2/09      .60300      1000      603
ENERGY	PREVIOUS      PRESENT      DIFFERENCE      MULT.      KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS	
ACTUAL DEMAND	603 KW TIMES      \$10.7150000      EQUALS\$      6,461.15
	SUB-TOTAL      \$      6,461.15
ENERGY	268,390 KWH AT      \$.0380500      EQUALS\$      10,212.24
	SUB-TOTAL      \$      10,212.24
	DEMAND AND ENERGY      \$      16,673.39
FUEL ADJUSTMENT CLAUSE	268,390 KWH AT      \$.0010500      EQUALS\$      281.81
NON-SMELTER NON-FAC PPA	268,390 KWH AT      \$.0010090      EQUALS\$      270.81
ENVIRONMENTAL SURCHARGE	\$17,226.01 TAR AT      6.5999490 %      EQUALS\$      1,136.91
MRSM ADJUSTMENT	.00
MRSM - BASE RATE CREDIT	.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT	240.01-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT	.00
RER - BUSINESS ADJUSTMENT	32.96-
RER - BUSINESS BASE RATE CREDIT	.00
	TOTAL AMOUNT DUE \$      18,089.95

---LOAD FACTOR---  
 ACTUAL      BILLED  
 63.97%      63.95%

MILLS PER KWH  
 67.40

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	268,390				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP		ACCOUNT		[REDACTED]		
SUBSTATION		[REDACTED]		SERVICE FROM	2/01/16	THRU 2/29/16
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00A	2/18	3.62900	1000	3,629
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	91.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		72313.950	73117.100	803.150	1000	803,150
ACTUAL DEMAND		3,629 KW TIMES	\$10.7150000	EQUALS\$		38,884.74
				SUB-TOTAL	\$	38,884.74
ENERGY		803,150 KWH AT	\$ .0380500	EQUALS\$		30,559.86
				SUB-TOTAL	\$	30,559.86
				DEMAND AND ENERGY	\$	69,444.60
FUEL ADJUSTMENT CLAUSE		803,150 KWH AT	\$ .0010500	EQUALS\$		843.31
NON-SMELTER NON-FAC PPA		803,150 KWH AT	\$ .0010090	EQUALS\$		810.38
ENVIRONMENTAL SURCHARGE		\$71,098.29 TAR AT	6.5999490 %	EQUALS\$		4,692.45
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						895.82-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
REF - BUSINESS ADJUSTMENT						101.21-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		74,793.71

---LOAD FACTOR---  
 ACTUAL    BILLED  
 31.80%    31.80%

MILLS PER KWH  
 93.13

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP		ACCOUNT		[REDACTED]		
SUBSTATION		[REDACTED]		SERVICE FROM	2/01/16	THRU 2/29/16
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		3:00P	2/09	11.46000	1000	11,460
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED	
		90.00%	94.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		34149.710	38968.620	4818.910	1000	4,818,910
ACTUAL DEMAND	11,460 KW TIMES	\$10.7150000		EQUALS\$		122,793.90
TRANSMISSION - KU - FEB 2016				EQUALS\$		6,905.52
TRANSMISSION - LG&E - FEB 2016				EQUALS\$		3,155.51
				SUB-TOTAL	\$	132,854.93
ENERGY	4,818,910 KWH AT	\$0.0380500		EQUALS\$		183,359.53
				SUB-TOTAL	\$	183,359.53
				DEMAND AND ENERGY	\$	316,214.46
FUEL ADJUSTMENT CLAUSE	4,818,910 KWH AT	\$0.0010500		EQUALS\$		5,059.86
NON-SMELTER NON-FAC PPA	4,818,910 KWH AT	\$0.0010090		EQUALS\$		4,862.28
ENVIRONMENTAL SURCHARGE	\$316,075.57 TAR AT	6.5999490 %		EQUALS\$		20,860.83
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						4,371.12-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						523.20-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		342,103.11

---LOAD FACTOR---  
 ACTUAL      BILLED  
 60.42%      60.42%

MILLS PER KWH  
 70.99

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E  
 BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 2/01/16 THRU 2/29/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		5:00P	2/20	7.19000	1000	7,190
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		79299.660	83553.960	4254.300	1000	4,254,300
ACTUAL DEMAND		7,190 KW TIMES	\$10.7150000	EQUALS\$		77,040.85
				SUB-TOTAL	\$	77,040.85
ENERGY		4,254,300 KWH AT	\$ .0380500	EQUALS\$		161,876.12
				SUB-TOTAL	\$	161,876.12
				DEMAND AND ENERGY	\$	238,916.97
FUEL ADJUSTMENT CLAUSE		4,254,300 KWH AT	\$ .0010500	EQUALS\$		4,467.02
NON-SMELTER NON-FAC PPA		4,254,300 KWH AT	\$ .0010090	EQUALS\$		4,292.59
ENVIRONMENTAL SURCHARGE	\$247,676.58	TAR AT	6.5999490 %	EQUALS\$		16,346.53
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,574.08
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						436.63
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						260,012.40

---LOAD FACTOR---  
 ACTUAL    BILLED  
 85.02%    85.01%

MILLS PER KWH  
 61.12

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 2/29/16

TO KENERGY CORP		ACCOUNT		[REDACTED]		
SUBSTATION		[REDACTED]		SERVICE FROM 2/01/16 THRU 2/29/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00P	2/22	3.15600	1000	3,156
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	100.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		25767.530	27023.690	1256.160	1000	1,256,160
ACTUAL DEMAND		3,156 KW TIMES	\$10.7150000	EQUALS\$		33,816.54
TRANSMISSION - KU - FEB 2016				EQUALS\$		2,701.07
TRANSMISSION - LG&E - FEB 2016				EQUALS\$		1,234.25
				SUB-TOTAL	\$	37,751.86
ENERGY	1,256,160 KWH	AT	\$ .0380500	EQUALS\$		47,796.89
				SUB-TOTAL	\$	47,796.89
				DEMAND AND ENERGY	\$	85,548.75
FUEL ADJUSTMENT CLAUSE	1,256,160 KWH	AT	\$ .0010500	EQUALS\$		1,318.97
NON-SMELTER NON-FAC PPA	1,256,160 KWH	AT	\$ .0010090	EQUALS\$		1,267.47
ENVIRONMENTAL SURCHARGE	\$84,199.87	TAR AT	6.5999490 %	EQUALS\$		5,557.15
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,155.86-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						129.05-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		92,407.43

---LOAD FACTOR---  
 ACTUAL      BILLED  
 57.18%      57.19%

MILLS PER KWH  
 73.56

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED] SERVICE FROM 2/01/16 THRU 2/29/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
 10:00A 2/12 .75000 1000 750

POWER FACTOR BASE PEAK AVERAGE BILLED  
 90.00% 100.00% PEAK

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED  
 32371.310 32698.720 327.410 1000 327,410

CONTRACT DEMAND 1,000 KW TIMES \$10.7150000 EQUALS\$ 10,715.00  
 TRANSMISSION - KU - FEB 2016 EQUALS\$ 370.70  
 TRANSMISSION - LG&E - FEB 2016 EQUALS\$ 169.38

SUB-TOTAL \$ 11,255.08

ENERGY 327,410 KWH AT \$.0380500 EQUALS\$ 12,457.95

SUB-TOTAL \$ 12,457.95

DEMAND AND ENERGY \$ 23,713.03

FUEL ADJUSTMENT CLAUSE 327,410 KWH AT \$.0010500 EQUALS\$ 343.78

NON-SMELTER NON-FAC PPA 327,410 KWH AT \$.0010090 EQUALS\$ 330.36

ENVIRONMENTAL SURCHARGE \$23,847.09 TAR AT 6.5999490 % EQUALS\$ 1,573.90

MRSM ADJUSTMENT .00  
 MRSM - BASE RATE CREDIT .00  
 MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 318.53-  
 MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
 RER - BUSINESS ADJUSTMENT 34.73-  
 RER - BUSINESS BASE RATE CREDIT .00

TOTAL AMOUNT DUE \$ 25,607.81

---LOAD FACTOR---  
 ACTUAL BILLED  
 62.74% 47.04%

MILLS PER KWH  
 78.21

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 2/29/16

TO KENERGY CORP	ACCOUNT [REDACTED]					
SUBSTATION [REDACTED]	SERVICE FROM 2/01/16 THRU 2/29/16					
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:30P	2/03	.74300	1000	743
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	86.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		17047.180	17555.760	508.580	1000	508,580
CONTRACT DEMAND		750 KW TIMES	\$10.7150000	EQUALS\$		8,036.25
P/F PENALTY		28 KW TIMES	\$10.7150000	EQUALS\$		300.02
				SUB-TOTAL	\$	8,336.27
ENERGY		508,580 KWH	AT	\$ .0380500	EQUALS\$	19,351.47
				SUB-TOTAL	\$	19,351.47
				DEMAND AND ENERGY	\$	27,687.74
FUEL ADJUSTMENT CLAUSE		508,580 KWH	AT	\$ .0010500	EQUALS\$	534.01
NON-SMELTER NON-FAC PPA		508,580 KWH	AT	\$ .0010090	EQUALS\$	513.16
ENVIRONMENTAL SURCHARGE	\$28,434.89	TAR	AT	6.5999490 %	EQUALS\$	1,876.69
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						416.60-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						51.69-
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	30,143.31

---LOAD FACTOR---  
 ACTUAL BILLED  
 98.29% 97.43%

MILLS PER KWH  
 59.27

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
MONTH ENDING 2/29/16

TO KENERGY CORP			ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]			SERVICE FROM 2/01/16 THRU 2/29/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		3:00P	2/11	4.65600	1000	4,656
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	81.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		28908.380	30985.930	2077.550	1000	2,077,550
ACTUAL DEMAND		4,656 KW TIMES	\$10.7150000	EQUALS\$		49,889.04
P/F PENALTY		517 KW TIMES	\$10.7150000	EQUALS\$		5,539.66
				SUB-TOTAL	\$	55,428.70
ENERGY		2,077,550 KWH	AT	\$ .0380500	EQUALS\$	79,050.78
				SUB-TOTAL	\$	79,050.78
				DEMAND AND ENERGY	\$	134,479.48
FUEL ADJUSTMENT CLAUSE		2,077,550 KWH	AT	\$ .0010500	EQUALS\$	2,181.43
NON-SMELTER NON-FAC PPA		2,077,550 KWH	AT	\$ .0010090	EQUALS\$	2,096.25
ENVIRONMENTAL SURCHARGE	\$133,217.50	TAR	AT	6.5999490 %	EQUALS\$	8,792.29
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,856.79
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						223.69
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	145,468.97

---LOAD FACTOR---  
ACTUAL      BILLED  
64.11%      64.11%

MILLS PER KWH  
70.02

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
3/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:00A	3/23	1.80800	1000	1,808
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	87.00%			

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	1,808 KW TIMES	\$10.7150000	EQUALS\$	19,372.72
P/F PENALTY	62 KW TIMES	\$10.7150000	EQUALS\$	664.33
				-----
			SUB-TOTAL	\$ 20,037.05
ENERGY	675,530 KWH AT	\$ .0380500	EQUALS\$	25,703.92
				-----
			SUB-TOTAL	\$ 25,703.92
				-----
			DEMAND AND ENERGY	\$ 45,740.97
FUEL ADJUSTMENT CLAUSE	675,530 KWH AT	\$ .0005330	EQUALS\$	360.06
NON-SMELTER NON-FAC PPA	675,530 KWH AT	\$ .0010090	EQUALS\$	681.61
ENVIRONMENTAL SURCHARGE	\$46,118.31 TAR AT	5.7028760 %	EQUALS\$	2,630.07
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				576.94-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
				-----
			TOTAL AMOUNT DUE \$	48,835.77
				=====

---LOAD FACTOR---  
 ACTUAL BILLED  
 50.29% 50.29%

MILLS PER KWH  
 72.29

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

[REDACTED]

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
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[REDACTED]

Total kWh used	675,530				
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I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 3/01/16 THRU 3/31/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
 11:30A 3/15 5.26900 1000 5,269

POWER FACTOR BASE PEAK AVERAGE BILLED

90.00% 94.00% PEAK

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED  
 65097.780 67500.980 2403.200 1000 2,403,200

ACTUAL DEMAND 5,269 KW TIMES \$10.7150000 EQUALS\$ 56,457.34  
 SUB-TOTAL \$ 56,457.34

ENERGY 2,403,200 KWH AT \$.0380500 EQUALS\$ 91,441.76  
 SUB-TOTAL \$ 91,441.76

DEMAND AND ENERGY \$ 147,899.10

FUEL ADJUSTMENT CLAUSE 2,403,200 KWH AT \$.0005330 EQUALS\$ 1,280.91

NON-SMELTER NON-FAC PPA 2,403,200 KWH AT \$.0010090 EQUALS\$ 2,424.83

ENVIRONMENTAL SURCHARGE \$151,604.84 TAR AT 5.7028760 % EQUALS\$ 8,645.84

MRSM ADJUSTMENT .00  
 MRSM - BASE RATE CREDIT .00  
 MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 1,944.86  
 MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
 RER - BUSINESS ADJUSTMENT .00  
 RER - BUSINESS BASE RATE CREDIT .00

TOTAL AMOUNT DUE \$ 158,305.82

---LOAD FACTOR---  
 ACTUAL BILLED  
 61.38% 61.39%

MILLS PER KWH  
 65.87

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 3/01/16 THRU 3/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	3/03	.10700	1000	107
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	89.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		16808.780	16841.340	32.560	1000	32,560
ACTUAL DEMAND		107 KW TIMES	\$10.7150000		EQUALS\$	1,146.51
P/F PENALTY		1 KW TIMES	\$10.7150000		EQUALS\$	10.72
				SUB-TOTAL	\$	1,157.23
ENERGY		32,560 KWH	AT	\$ .0380500	EQUALS\$	1,238.91
				SUB-TOTAL	\$	1,238.91
				DEMAND AND ENERGY	\$	2,396.14
FUEL ADJUSTMENT CLAUSE		32,560 KWH	AT	\$ .0005330	EQUALS\$	17.35
NON-SMELTER NON-FAC PPA		32,560 KWH	AT	\$ .0010090	EQUALS\$	32.85
ENVIRONMENTAL SURCHARGE		\$2,435.62	TAR AT	5.7028760 %	EQUALS\$	138.90
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						29.64
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	2,555.60

---LOAD FACTOR---  
 ACTUAL      BILLED  
 40.88%      40.96%

MILLS PER KWH  
 78.49

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		6:30A	3/26	2.02400	1000	2,024
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	80.00%		PEAK	

ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		15183.390	16316.320	1132.930	1000	1,132,930

ACTUAL DEMAND	2,024 KW TIMES	\$10.7150000	EQUALS\$	21,687.16
P/F PENALTY	253 KW TIMES	\$10.7150000	EQUALS\$	2,710.90

SUB-TOTAL \$ 24,398.06

ENERGY	1,132,930 KWH AT	\$ .0380500	EQUALS\$	43,107.99
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SUB-TOTAL \$ 43,107.99

DEMAND AND ENERGY \$ 67,506.05

FUEL ADJUSTMENT CLAUSE	1,132,930 KWH AT	\$ .0005330	EQUALS\$	603.85
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NON-SMELTER NON-FAC PPA	1,132,930 KWH AT	\$ .0010090	EQUALS\$	1,143.13
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ENVIRONMENTAL SURCHARGE	\$66,542.13 TAR AT	5.7028760 %	EQUALS\$	3,794.82
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				874.28
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$ 72,173.57

---LOAD FACTOR---  
 ACTUAL BILLED  
 75.34% 75.34%

MILLS PER KWH  
 63.71

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED] SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:30P	3/01	.14200	1000	142

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	100.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	32621.920	32692.230	70.310	1000	70,310

ACTUAL DEMAND	142 KW TIMES	\$10.7150000	EQUALS\$	1,521.53
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SUB-TOTAL	\$	1,521.53
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ENERGY	70,310 KWH AT	\$.0380500	EQUALS\$	2,675.30
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SUB-TOTAL	\$	2,675.30
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DEMAND AND ENERGY	\$	4,196.83
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FUEL ADJUSTMENT CLAUSE	70,310 KWH AT	\$.0005330	EQUALS\$	37.48
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NON-SMELTER NON-FAC PPA	70,310 KWH AT	\$.0010090	EQUALS\$	70.94
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ENVIRONMENTAL SURCHARGE	\$4,305.25 TAR AT	5.7028760 %	EQUALS\$	245.52
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				55.77-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$	4,495.00
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---LOAD FACTOR---  
 ACTUAL BILLED  
 66.74% 66.64%

MILLS PER KWH  
 63.93

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	3/07	26.64400	1000	26,644
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS						

ACTUAL DEMAND	26,644 KW TIMES	\$10.7150000	EQUALS\$	285,490.46
			SUB-TOTAL	\$ 285,490.46
ENERGY	15,249,630 KWH AT	\$ .0380500	EQUALS\$	580,248.42
			SUB-TOTAL	\$ 580,248.42
			DEMAND AND ENERGY	\$ 865,738.88
FUEL ADJUSTMENT CLAUSE	15,249,630 KWH AT	\$ .0005330	EQUALS\$	8,128.05
NON-SMELTER NON-FAC PPA	15,249,630 KWH AT	\$ .0010090	EQUALS\$	15,386.88
ENVIRONMENTAL SURCHARGE	\$889,253.81 TAR AT	5.7028760 %	EQUALS\$	50,713.04
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				11,712.61-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.03
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	928,254.27

---LOAD FACTOR---  
 ACTUAL      BILLED  
 77.03%      77.03%

MILLS PER KWH  
 60.87

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	15,249,630				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 3/01/16 THRU 3/31/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND
12:30P 3/26 68.94700 1000 68,947

ENERGY \*\*\* SEE ATTACHED PAGES FOR KWH CALCULATIONS

Table with columns for item description, quantity, unit, rate, and amount. Includes items like FIRM POWER - DEMAND, FIRM POWER - ENERGY, FUEL ADJUSTMENT CLAUSE, NON-SMELTER NON-FAC PPA, ENVIRONMENTAL SURCHARGE, and various adjustments. Total amount due is \$785,932.03.

DUE IN IMMEDIATELY AVAILABLE FUNDS ON THIS DATE 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	13,462,530				



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	3/29	3.61400	1000	3,614
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	91.00%			

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	3,614 KW TIMES	\$10.7150000	EQUALS\$	38,724.01
			SUB-TOTAL \$	38,724.01
ENERGY	1,723,860 KWH AT	\$ .0380500	EQUALS\$	65,592.87
			SUB-TOTAL \$	65,592.87
			DEMAND AND ENERGY \$	104,316.88
FUEL ADJUSTMENT CLAUSE	1,723,860 KWH AT	\$ .0005330	EQUALS\$	918.82
NON-SMELTER NON-FAC PPA	1,723,860 KWH AT	\$ .0010090	EQUALS\$	1,739.37
ENVIRONMENTAL SURCHARGE	\$106,975.07 TAR AT	5.7028760 %	EQUALS\$	6,100.66
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,379.76
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.01
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	111,695.98

---LOAD FACTOR---  
 ACTUAL    BILLED  
 64.21%    64.20%

MILLS PER KWH  
 64.79

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	1,723,860				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		3:00P	3/19	36.93600	1000	36,936
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	91.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	36,936 KW TIMES	\$10.7150000	EQUALS\$	395,769.24
			SUB-TOTAL \$	395,769.24
ENERGY	25,660,050 KWH AT	\$ .0380500	EQUALS\$	976,364.90
			SUB-TOTAL \$	976,364.90
			DEMAND AND ENERGY \$	1,372,134.14
FUEL ADJUSTMENT CLAUSE	25,660,050 KWH AT	\$ .0005330	EQUALS\$	13,676.81
NON-SMELTER NON-FAC PPA	25,660,050 KWH AT	\$ .0010090	EQUALS\$	25,890.99
ENVIRONMENTAL SURCHARGE	\$1,411,701.94 TAR AT	5.7028760 %	EQUALS\$	80,507.61
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				18,977.47-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.04
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	<u>1,473,232.12</u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 93.50%      93.50%

MILLS PER KWH  
 57.41

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	25,660,050				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		3:30P	3/18	10.95100	1000	10,951

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	91.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	10,951 KW TIMES	\$10.7150000	EQUALS\$	117,339.97
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SUB-TOTAL	\$	117,339.97
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ENERGY	6,085,380 KWH AT	\$ .0380500	EQUALS\$	231,548.71
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SUB-TOTAL	\$	231,548.71
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DEMAND AND ENERGY	\$	348,888.68
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FUEL ADJUSTMENT CLAUSE	6,085,380 KWH AT	\$ .0005330	EQUALS\$	3,243.51
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NON-SMELTER NON-FAC PPA	6,085,380 KWH AT	\$ .0010090	EQUALS\$	6,140.15
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ENVIRONMENTAL SURCHARGE	\$358,272.34 TAR AT	5.7028760 %	EQUALS\$	20,431.83
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				4,703.43
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.01
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$		374,000.75
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---LOAD FACTOR---  
 ACTUAL      BILLED  
 74.79%      74.79%

MILLS PER KWH  
 61.46

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	6,085,380				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
MONTH ENDING 3/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 3/01/16 THRU 3/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:00A	3/01	.02000	1000	20
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED	
		90.00%	48.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		41696.550	41707.490	10.940	1000	10,940
CONTRACT DEMAND		60 KW TIMES	\$10.7150000	EQUALS\$		642.90
				SUB-TOTAL	\$	642.90
ENERGY	10,940 KWH	AT	\$ .0380500	EQUALS\$		416.27
				SUB-TOTAL	\$	416.27
				DEMAND AND ENERGY	\$	1,059.17
FUEL ADJUSTMENT CLAUSE	10,940 KWH	AT	\$ .0005330	EQUALS\$		5.83
NON-SMELTER NON-FAC PPA	10,940 KWH	AT	\$ .0010090	EQUALS\$		11.04
ENVIRONMENTAL SURCHARGE	\$1,076.04	TAR AT	5.7028760 %	EQUALS\$		61.37
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						12.18-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						1,125.23

---LOAD FACTOR---  
ACTUAL      BILLED  
72.89%      24.54%

MILLS PER KWH  
102.85

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		1:00A	3/08	.06300	1000	63
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	46.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	63 KW TIMES	\$10.7150000	EQUALS\$	675.05
P/F PENALTY	60 KW TIMES	\$10.7150000	EQUALS\$	642.90
				1,317.95
ENERGY	39,190 KWH AT	\$ .0380500	EQUALS\$	1,491.18
				1,491.18
				2,809.13
FUEL ADJUSTMENT CLAUSE	39,190 KWH AT	\$ .0005330	EQUALS\$	20.89
NON-SMELTER NON-FAC PPA	39,190 KWH AT	\$ .0010090	EQUALS\$	39.54
ENVIRONMENTAL SURCHARGE	\$2,226.66 TAR AT	5.7028760 %	EQUALS\$	126.98
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				29.59
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
				2,966.95
				2,966.95

---LOAD FACTOR---  
 ACTUAL      BILLED  
 83.72%      83.72%

MILLS PER KWH  
 75.71

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16



M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	39,190				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:30P	3/04	.45500	1000	455
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

CONTRACT DEMAND	500 KW TIMES	\$10.7150000	EQUALS\$	5,357.50
			SUB-TOTAL \$	5,357.50
ENERGY	167,310 KWH AT	\$ .0380500	EQUALS\$	6,366.15
			SUB-TOTAL \$	6,366.15
			DEMAND AND ENERGY \$	11,723.65
FUEL ADJUSTMENT CLAUSE	167,310 KWH AT	\$ .0005330	EQUALS\$	89.18
NON-SMELTER NON-FAC PPA	167,310 KWH AT	\$ .0010090	EQUALS\$	168.82
ENVIRONMENTAL SURCHARGE	\$11,981.65 TAR AT	5.7028760 %	EQUALS\$	683.30
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				147.72
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	12,517.23

---LOAD FACTOR---  
 ACTUAL BILLED  
 49.45% 45.04%

MILLS PER KWH  
 74.81

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	167,310				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 3/01/16 THRU 3/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	3/07	3.72000	1000	3,720
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED	
		90.00%	91.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		73117.100	73824.990	707.890	1000	707,890
ACTUAL DEMAND		3,720 KW TIMES	\$10.7150000	EQUALS\$		39,859.80
				SUB-TOTAL	\$	39,859.80
ENERGY		707,890 KWH AT	\$ .0380500	EQUALS\$		26,935.21
				SUB-TOTAL	\$	26,935.21
				DEMAND AND ENERGY	\$	66,795.01
FUEL ADJUSTMENT CLAUSE		707,890 KWH AT	\$ .0005330	EQUALS\$		377.31
NON-SMELTER NON-FAC PPA		707,890 KWH AT	\$ .0010090	EQUALS\$		714.26
ENVIRONMENTAL SURCHARGE		\$67,886.58 TAR AT	5.7028760 %	EQUALS\$		3,871.49
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						773.54
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						<u>70,984.53</u>

---LOAD FACTOR---  
 ACTUAL    BILLED  
 25.61%    25.61%

MILLS PER KWH  
 100.28

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16  
 USAGE      DEMAND      TIME      DAY      METER      MULT      KW DEMAND  
    12:30P      3/10      10.83000      1000      10,830  
 POWER FACTOR      BASE      PEAK      AVERAGE      BILLED  
                                  90.00%      95.00%      PEAK  
 ENERGY      PREVIOUS      PRESENT      DIFFERENCE      MULT.      KWH USED  
 \*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	10,830 KW TIMES	\$10.7150000	EQUALS\$	116,043.45
TRANSMISSION - KU - MAR 2016			EQUALS\$	10,957.09
TRANSMISSION - LG&E - MAR 2016			EQUALS\$	5,006.89
			SUB-TOTAL	\$ 132,007.43
ENERGY	4,727,070 KWH AT	\$ .0380500	EQUALS\$	179,865.01
			SUB-TOTAL	\$ 179,865.01
			DEMAND AND ENERGY	\$ 311,872.44
FUEL ADJUSTMENT CLAUSE	4,727,070 KWH AT	\$ .0005330	EQUALS\$	2,519.53
NON-SMELTER NON-FAC PPA	4,727,070 KWH AT	\$ .0010090	EQUALS\$	4,769.61
ENVIRONMENTAL SURCHARGE	\$303,197.60 TAR AT	5.7028760 %	EQUALS\$	17,290.98
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				3,868.64-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.01
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	332,583.93

---LOAD FACTOR---  
 ACTUAL      BILLED  
 58.75%      58.75%

MILLS PER KWH  
 70.36

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]				SERVICE FROM 3/01/16 THRU 3/31/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		8:30A	3/28	7.24200	1000	7,242	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		83553.960	88020.030	4466.070	1000	4,466,070	
ACTUAL DEMAND		7,242 KW TIMES		\$10.7150000	EQUALS\$	77,598.03	
					SUB-TOTAL	\$	77,598.03
ENERGY		4,466,070 KWH AT		\$.0380500	EQUALS\$	169,933.96	
					SUB-TOTAL	\$	169,933.96
					DEMAND AND ENERGY	\$	247,531.99
FUEL ADJUSTMENT CLAUSE		4,466,070 KWH AT		\$.0005330	EQUALS\$	2,380.42	
NON-SMELTER NON-FAC PPA		4,466,070 KWH AT		\$.0010090	EQUALS\$	4,506.26	
ENVIRONMENTAL SURCHARGE	\$254,418.67	TAR AT		5.7028760 %	EQUALS\$	14,509.18	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,378.27	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						.01	
RER - BUSINESS BASE RATE CREDIT						.00	
TOTAL AMOUNT DUE \$						===== 265,549.59 =====	

---LOAD FACTOR---  
 ACTUAL      BILLED  
 83.00%      83.00%

MILLS PER KWH  
 59.46

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED] SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		7:00P	3/25	3.11900	1000	3,119
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	100.00%			
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		27023.690	28318.440	1294.750	1000	1,294,750
ACTUAL DEMAND		3,119 KW TIMES	\$10.7150000	EQUALS\$		33,420.09
TRANSMISSION - KU - MAR 2016				EQUALS\$		1,059.98
TRANSMISSION - LG&E - MAR 2016				EQUALS\$		484.34
				SUB-TOTAL	\$	34,964.41
ENERGY	1,294,750 KWH	AT	\$ .0380500	EQUALS\$		49,265.24
				SUB-TOTAL	\$	49,265.24
				DEMAND AND ENERGY	\$	84,229.65
FUEL ADJUSTMENT CLAUSE	1,294,750 KWH	AT	\$ .0005330	EQUALS\$		690.10
NON-SMELTER NON-FAC PPA	1,294,750 KWH	AT	\$ .0010090	EQUALS\$		1,306.40
ENVIRONMENTAL SURCHARGE	\$84,681.83	TAR	AT 5.7028760 %	EQUALS\$		4,829.30
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,073.75-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	89,981.70

---LOAD FACTOR---  
 ACTUAL 55.88%  
 BILLED 55.87%

MILLS PER KWH  
 69.50

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 3/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00A	3/21	.81900	1000	819
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	100.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		32698.720	32999.080	300.360	1000	300,360
CONTRACT DEMAND		1,000 KW TIMES	\$10.7150000		EQUALS\$	10,715.00
TRANSMISSION - KU - MAR 2016					EQUALS\$	235.26
TRANSMISSION - LG&E - MAR 2016					EQUALS\$	107.51
					SUB-TOTAL	\$ 11,057.77
ENERGY		300,360 KWH	AT	\$ .0380500	EQUALS\$	11,428.70
					SUB-TOTAL	\$ 11,428.70
					DEMAND AND ENERGY	\$ 22,486.47
FUEL ADJUSTMENT CLAUSE		300,360 KWH	AT	\$ .0005330	EQUALS\$	160.09
NON-SMELTER NON-FAC PPA		300,360 KWH	AT	\$ .0010090	EQUALS\$	303.06
ENVIRONMENTAL SURCHARGE		\$22,606.85	TAR AT	5.7028760 %	EQUALS\$	1,289.24
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						274.68-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	23,964.18

---LOAD FACTOR---  
 ACTUAL      BILLED  
 49.36%      40.43%

MILLS PER KWH  
 79.78

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
MONTH ENDING 3/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 3/01/16 THRU 3/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00P	3/20	.75000	1000	750
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	86.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		17555.760	18101.930	546.170	1000	546,170
CONTRACT DEMAND		750 KW TIMES	\$10.7150000	EQUALS\$		8,036.25
P/F PENALTY		35 KW TIMES	\$10.7150000	EQUALS\$		375.03
				SUB-TOTAL	\$	8,411.28
ENERGY		546,170 KWH	AT	\$ .0380500	EQUALS\$	20,781.77
				SUB-TOTAL	\$	20,781.77
				DEMAND AND ENERGY	\$	29,193.05
FUEL ADJUSTMENT CLAUSE		546,170 KWH	AT	\$ .0005330	EQUALS\$	291.11
NON-SMELTER NON-FAC PPA		546,170 KWH	AT	\$ .0010090	EQUALS\$	551.09
ENVIRONMENTAL SURCHARGE		\$29,660.22	TAR AT	5.7028760 %	EQUALS\$	1,691.49
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						400.58
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	31,326.16

---LOAD FACTOR---  
ACTUAL      BILLED  
98.04%      98.01%

MILLS PER KWH  
57.36

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
4/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 3/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 3/01/16 THRU 3/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		7:30P	3/01	4.49500	1000	4,495
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	82.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	4,495 KW TIMES	\$10.7150000	EQUALS\$	48,163.93
P/F PENALTY	439 KW TIMES	\$10.7150000	EQUALS\$	4,703.89
			SUB-TOTAL	\$ 52,867.82
ENERGY	2,032,651 KWH AT	\$ .0380500	EQUALS\$	77,342.37
			SUB-TOTAL	\$ 77,342.37
			DEMAND AND ENERGY	\$ 130,210.19
FUEL ADJUSTMENT CLAUSE	2,032,651 KWH AT	\$ .0005330	EQUALS\$	1,083.40
NON-SMELTER NON-FAC PPA	2,032,651 KWH AT	\$ .0010090	EQUALS\$	2,050.94
ENVIRONMENTAL SURCHARGE	\$128,640.64 TAR AT	5.7028760 %	EQUALS\$	7,336.22
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,648.54
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	139,032.21

---LOAD FACTOR---  
 ACTUAL      BILLED  
 60.86%      60.86%

MILLS PER KWH  
 68.40

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 4/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:00P	4/04	1.87100	1000	1,871

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
	90.00%	91.00%			

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	1,871 KW TIMES	\$10.7150000	EQUALS\$	20,047.77
			SUB-TOTAL	\$ 20,047.77
ENERGY	578,260 KWH AT	\$.0380500	EQUALS\$	22,002.79
			SUB-TOTAL	\$ 22,002.79
			DEMAND AND ENERGY	\$ 42,050.56
FUEL ADJUSTMENT CLAUSE	578,260 KWH AT	\$.0004830	EQUALS\$	279.30
NON-SMELTER NON-FAC PPA	578,260 KWH AT	\$.0010090	EQUALS\$	583.46
ENVIRONMENTAL SURCHARGE	\$42,913.32 TAR AT	7.1659570 %	EQUALS\$	3,075.15
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				614.06
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	45,374.41

---LOAD FACTOR---  
 ACTUAL      BILLED  
 42.93%      42.93%

MILLS PER KWH  
 78.47

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	578,260				

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		1:00P	4/26	5.22400	1000	5,224

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	95.00%		PEAK

ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		67500.980	69760.900	2259.920	1000	2,259,920

ACTUAL DEMAND	5,224 KW TIMES	\$10.7150000	EQUALS\$	55,975.16
			SUB-TOTAL \$	55,975.16

ENERGY	2,259,920 KWH AT	\$ .0380500	EQUALS\$	85,989.96
			SUB-TOTAL \$	85,989.96

DEMAND AND ENERGY	\$	141,965.12
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FUEL ADJUSTMENT CLAUSE	2,259,920 KWH AT	\$ .0004830	EQUALS\$	1,091.54
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NON-SMELTER NON-FAC PPA	2,259,920 KWH AT	\$ .0010090	EQUALS\$	2,280.26
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ENVIRONMENTAL SURCHARGE	\$145,336.92 TAR AT	7.1659570 %	EQUALS\$	10,414.78
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				2,157.06
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$	153,594.64
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---LOAD FACTOR---  
 ACTUAL BILLED  
 60.08% 60.08%

MILLS PER KWH  
 67.96

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 4/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	4/09	.06300	1000	63
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	72.00%		PEAK	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

CONTRACT DEMAND	100 KW TIMES	\$10.7150000	EQUALS\$	1,071.50
			SUB-TOTAL \$	1,071.50
ENERGY	25,178 KWH AT	\$ .0380500	EQUALS\$	958.02
			SUB-TOTAL \$	958.02
			DEMAND AND ENERGY \$	2,029.52
FUEL ADJUSTMENT CLAUSE	25,178 KWH AT	\$ .0004830	EQUALS\$	12.16
NON-SMELTER NON-FAC PPA	25,178 KWH AT	\$ .0010090	EQUALS\$	25.40
ENVIRONMENTAL SURCHARGE	\$2,067.08 TAR AT	7.1659570 %	EQUALS\$	148.13
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				28.89
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	2,186.32

---LOAD FACTOR---  
 ACTUAL      BILLED  
 55.51%      34.97%

MILLS PER KWH  
 86.83

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16



M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					

□

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 4/30/16

TO KENERGY CORP			ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]			SERVICE FROM 4/01/16 THRU 4/30/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:00P	4/20	1.95500	1000	1,955
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	80.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		16316.320	17421.740	1105.420	1000	1,105,420
ACTUAL DEMAND		1,955 KW TIMES	\$10.7150000		EQUALS\$	20,947.83
P/F PENALTY		244 KW TIMES	\$10.7150000		EQUALS\$	2,614.46
				SUB-TOTAL	\$	23,562.29
ENERGY		1,105,420 KWH	AT	\$ .0380500	EQUALS\$	42,061.23
				SUB-TOTAL	\$	42,061.23
				DEMAND AND ENERGY	\$	65,623.52
FUEL ADJUSTMENT CLAUSE		1,105,420 KWH	AT	\$ .0004830	EQUALS\$	533.92
NON-SMELTER NON-FAC PPA		1,105,420 KWH	AT	\$ .0010090	EQUALS\$	1,115.37
ENVIRONMENTAL SURCHARGE		\$64,658.35	TAR AT	7.1659570 %	EQUALS\$	4,633.39
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						985.31
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	70,920.89

---LOAD FACTOR---  
 ACTUAL      BILLED  
 78.54%      78.53%

MILLS PER KWH  
 64.16

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 4/01/16 THRU 4/30/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		4:00A	4/09	.12000	1000	120
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED	
		90.00%	100.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		32692.230	32742.820	50.590	1000	50,590
ACTUAL DEMAND		120 KW TIMES	\$10.7150000	EQUALS\$		1,285.80
				SUB-TOTAL	\$	1,285.80
ENERGY		50,590 KWH AT	\$ .0380500	EQUALS\$		1,924.95
				SUB-TOTAL	\$	1,924.95
				DEMAND AND ENERGY	\$	3,210.75
FUEL ADJUSTMENT CLAUSE		50,590 KWH AT	\$ .0004830	EQUALS\$		24.43
NON-SMELTER NON-FAC PPA		50,590 KWH AT	\$ .0010090	EQUALS\$		51.05
ENVIRONMENTAL SURCHARGE		\$3,286.23 TAR AT	7.1659570 %	EQUALS\$		235.49
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						48.64
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						3,473.08

---LOAD FACTOR---  
 ACTUAL      BILLED  
 58.65%      58.55%

MILLS PER KWH  
 68.65

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:30A	4/09	27.49400	1000	27,494

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	27,494 KW TIMES	\$10.7150000	EQUALS\$	294,598.21
			SUB-TOTAL	\$ 294,598.21
ENERGY	14,936,290 KWH AT	\$ .0380500	EQUALS\$	568,325.83
			SUB-TOTAL	\$ 568,325.83
			DEMAND AND ENERGY	\$ 862,924.04
FUEL ADJUSTMENT CLAUSE	14,936,290 KWH AT	\$ .0004830	EQUALS\$	7,214.23
NON-SMELTER NON-FAC PPA	14,936,290 KWH AT	\$ .0010090	EQUALS\$	15,070.72
ENVIRONMENTAL SURCHARGE	\$885,208.99 TAR AT	7.1659570 %	EQUALS\$	63,433.70
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				13,438.81
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	935,203.88

---LOAD FACTOR---  
 ACTUAL BILLED  
 75.45% 75.45%

MILLS PER KWH  
 62.61

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	14,936,290				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP      ACCOUNT ██████████  
 SUBSTATION ██████████      SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00P	4/02	47.19600	1000	47,196

ENERGY      \*\*\* SEE ATTACHED PAGES FOR KWH CALCULATIONS

FIRM POWER - DEMAND	15,000 KW TIMES	\$10.7150000		EQUALS\$		160,725.00
					SUB-TOTAL	\$ 160,725.00
FIRM POWER - ENERGY	10,705,801 KWH AT	\$ .0380500		EQUALS\$		407,355.73
					SUB-TOTAL	\$ 407,355.73
			FIRM POWER - DEMAND AND ENERGY		\$	568,080.73
FUEL ADJUSTMENT CLAUSE	10,705,801 KWH AT	\$ .0004830		EQUALS\$		5,170.90
NON-SMELTER NON-FAC PPA	10,705,801 KWH AT	\$ .0010090		EQUALS\$		10,802.15
ENVIRONMENTAL SURCHARGE	\$584,053.78 TAR AT	7.1659570 %		EQUALS\$		41,853.04
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						9,085.23
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
BACKUP POWER-2,474,335 X .0264031 see attached				EQUALS\$		65,330.11
REPLACEMENT POWER - (see attached)				EQUALS\$		.00
ENERGY IMBALANCE SERVICE - (see attached)				EQUALS\$		.00
POWER FACTOR PENALTY-COGEN AGREEMENT: Section 12(a) (see attached)				EQUALS\$		694.96
Section 12(b) (see attached)				EQUALS\$		1,305.22
ADDL CHRGE: BACKUP & REPLACEMENT POWER SERVICE=2,474,335kWhx.001				EQUALS\$		2,474.34
MONTHLY CHARGE				EQUALS\$		.00
METERING AND BILLING CHARGE - 1/12 ANNUAL ADM & GENL COSTS				EQUALS\$		3,976.37
POWER PURCHASED BY BREC - 000,000 TIMES .0550000 = (00,000.00)				EQUALS\$		.00
ADJUSTMENT - MISO TRUE-UPS -				EQUALS\$		.00
Transmission - MISO				EQUALS\$		75,735.36
					TOTAL AMOUNT DUE \$	766,337.95

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	13,180,080				

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00A	4/11	3.62900	1000	3,629
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	94.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	3,629 KW TIMES	\$10.7150000	EQUALS\$	38,884.74
			SUB-TOTAL \$	38,884.74
ENERGY	1,687,880 KWH AT	\$ .0380500	EQUALS\$	64,223.83
			SUB-TOTAL \$	64,223.83
			DEMAND AND ENERGY \$	103,108.57
FUEL ADJUSTMENT CLAUSE	1,687,880 KWH AT	\$ .0004830	EQUALS\$	815.25
NON-SMELTER NON-FAC PPA	1,687,880 KWH AT	\$ .0010090	EQUALS\$	1,703.07
ENVIRONMENTAL SURCHARGE	\$105,626.89 TAR AT	7.1659570 %	EQUALS\$	7,569.18
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,579.36
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	111,616.71

---LOAD FACTOR---  
 ACTUAL BILLED  
 64.60% 64.60%

MILLS PER KWH  
 66.13

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16



M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	1,687,880				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		1:30A	4/21	36.85000	1000	36,850
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	PEAK
		90.00%	91.00%			

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	36,850 KW TIMES	\$10.7150000	EQUALS\$	394,847.75
			SUB-TOTAL	\$ 394,847.75
ENERGY	25,650,380 KWH AT	\$ .0380500	EQUALS\$	975,996.96
			SUB-TOTAL	\$ 975,996.96
			DEMAND AND ENERGY	\$ 1,370,844.71
FUEL ADJUSTMENT CLAUSE	25,650,380 KWH AT	\$ .0004830	EQUALS\$	12,389.13
NON-SMELTER NON-FAC PPA	25,650,380 KWH AT	\$ .0010090	EQUALS\$	25,881.23
ENVIRONMENTAL SURCHARGE	\$1,409,115.07 TAR AT	7.1659570 %	EQUALS\$	100,976.58
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				21,873.51
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	1,488,218.14

---LOAD FACTOR---  
 ACTUAL BILLED  
 96.68% 96.68%

MILLS PER KWH  
 58.02

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	25,650,380				

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	4/26	11.26200	1000	11,262

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	91.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	11,262 KW TIMES	\$10.7150000	EQUALS\$	120,672.33
			SUB-TOTAL	\$ 120,672.33
ENERGY	5,980,340 KWH AT	\$ .0380500	EQUALS\$	227,551.94
			SUB-TOTAL	\$ 227,551.94
			DEMAND AND ENERGY	\$ 348,224.27
FUEL ADJUSTMENT CLAUSE	5,980,340 KWH AT	\$ .0004830	EQUALS\$	2,888.50
NON-SMELTER NON-FAC PPA	5,980,340 KWH AT	\$ .0010090	EQUALS\$	6,034.16
ENVIRONMENTAL SURCHARGE	\$357,146.93 TAR AT	7.1659570 %	EQUALS\$	25,593.00
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				5,410.26
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	377,329.67

---LOAD FACTOR---  
 ACTUAL BILLED  
 73.75% 73.75%

MILLS PER KWH  
 63.10

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	5,980,340				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 4/01/16 THRU 4/30/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	4/10	.02400	1000	24
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	54.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		41707.490	41717.840	10.350	1000	10,350
CONTRACT DEMAND		60 KW TIMES	\$10.7150000	EQUALS\$		642.90
				SUB-TOTAL	\$	642.90
ENERGY		10,350 KWH AT	\$ .0380500	EQUALS\$		393.82
				SUB-TOTAL	\$	393.82
				DEMAND AND ENERGY	\$	1,036.72
FUEL ADJUSTMENT CLAUSE		10,350 KWH AT	\$ .0004830	EQUALS\$		5.00
NON-SMELTER NON-FAC PPA		10,350 KWH AT	\$ .0010090	EQUALS\$		10.44
ENVIRONMENTAL SURCHARGE	\$1,052.16	TAR AT	7.1659570 %	EQUALS\$		75.40
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						14.07-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						1,113.49

---LOAD FACTOR---  
 ACTUAL      BILLED  
 58.91%      23.96%

MILLS PER KWH  
 107.58

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00A	4/09	.06300	1000	63
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	57.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	63 KW TIMES	\$10.7150000	EQUALS\$	675.05
P/F PENALTY	36 KW TIMES	\$10.7150000	EQUALS\$	385.74
			SUB-TOTAL	\$ 1,060.79
ENERGY	33,850 KWH AT	\$ .0380500	EQUALS\$	1,287.99
			SUB-TOTAL	\$ 1,287.99
			DEMAND AND ENERGY	\$ 2,348.78
FUEL ADJUSTMENT CLAUSE	33,850 KWH AT	\$ .0004830	EQUALS\$	16.35
NON-SMELTER NON-FAC PPA	33,850 KWH AT	\$ .0010090	EQUALS\$	34.15
ENVIRONMENTAL SURCHARGE	\$2,013.54 TAR AT	7.1659570 %	EQUALS\$	144.29
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				30.53
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	2,513.04

---LOAD FACTOR---  
 ACTUAL      BILLED  
 74.63%      74.63%

MILLS PER KWH  
 74.24

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	33,850				

■



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 4/30/16

TO KENERGY CORP      ACCOUNT ██████████  
 SUBSTATION ██████████      SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		4:30A	4/10	.35600	1000	356

ENERGY      PREVIOUS      PRESENT      DIFFERENCE      MULT.      KWH USED  
 \*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

CONTRACT DEMAND	500 KW TIMES	\$10.7150000	EQUALS\$	5,357.50
			SUB-TOTAL	\$ 5,357.50
ENERGY	118,590 KWH AT	\$ .0380500	EQUALS\$	4,512.35
			SUB-TOTAL	\$ 4,512.35
			DEMAND AND ENERGY	\$ 9,869.85
FUEL ADJUSTMENT CLAUSE	118,590 KWH AT	\$ .0004830	EQUALS\$	57.28
NON-SMELTER NON-FAC PPA	118,590 KWH AT	\$ .0010090	EQUALS\$	119.66
ENVIRONMENTAL SURCHARGE	\$10,046.79 TAR AT	7.1659570 %	EQUALS\$	719.95
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				139.45-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
TOTAL AMOUNT DUE \$				10,627.29

---LOAD FACTOR---  
 ACTUAL      BILLED  
 46.21%      32.94%

MILLS PER KWH  
 89.61

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	118,590				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 4/01/16 THRU 4/30/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30P	4/14	3.80200	1000	3,802
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	91.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		73824.990	74350.900	525.910	1000	525,910
ACTUAL DEMAND		3,802 KW TIMES	\$10.7150000	EQUALS\$		40,738.43
				SUB-TOTAL	\$	40,738.43
ENERGY		525,910 KWH AT	\$ .0380500	EQUALS\$		20,010.88
				SUB-TOTAL	\$	20,010.88
				DEMAND AND ENERGY	\$	60,749.31
FUEL ADJUSTMENT CLAUSE		525,910 KWH AT	\$ .0004830	EQUALS\$		254.01
NON-SMELTER NON-FAC PPA		525,910 KWH AT	\$ .0010090	EQUALS\$		530.64
ENVIRONMENTAL SURCHARGE		\$61,533.96 TAR AT	7.1659570 %	EQUALS\$		4,409.50
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						802.67
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		<u>65,140.79</u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 19.21%      19.21%

MILLS PER KWH  
 123.86

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		1:30P	4/01	10.19300	1000	10,193

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	95.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	43695.310	47006.510	3311.200	1000	3,311,200

ACTUAL DEMAND	10,193 KW TIMES	\$10.7150000	EQUALS\$	109,218.00
TRANSMISSION - KU - APR 2016			EQUALS\$	8,718.96
TRANSMISSION - LG&E - APR 2016			EQUALS\$	3,984.10

SUB-TOTAL \$ 121,921.06

ENERGY	3,311,200 KWH AT	\$ .0380500	EQUALS\$	125,991.16
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SUB-TOTAL \$ 125,991.16

DEMAND AND ENERGY \$ 247,912.22

FUEL ADJUSTMENT CLAUSE	3,311,200 KWH AT	\$ .0004830	EQUALS\$	1,599.31
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NON-SMELTER NON-FAC PPA	3,311,200 KWH AT	\$ .0010090	EQUALS\$	3,341.00
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ENVIRONMENTAL SURCHARGE	\$240,149.47 TAR AT	7.1659570 %	EQUALS\$	17,209.01
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				3,455.68
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$ 266,605.86

---LOAD FACTOR---  
 ACTUAL BILLED  
 45.12% 45.12%

MILLS PER KWH  
 80.52

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 4/30/16

TO KENERGY CORP				ACCOUNT		[REDACTED]	
SUBSTATION		[REDACTED]		SERVICE FROM		4/01/16 THRU 4/30/16	
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		8:00P	4/29	7.22000	1000	7,220	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		88020.030	92409.950	4389.920	1000	4,389,920	
ACTUAL DEMAND		7,220 KW TIMES	\$10.7150000	EQUALS\$		77,362.30	
				SUB-TOTAL	\$	77,362.30	
ENERGY		4,389,920 KWH AT	\$ .0380500	EQUALS\$		167,036.46	
				SUB-TOTAL	\$	167,036.46	
				DEMAND AND ENERGY	\$	244,398.76	
FUEL ADJUSTMENT CLAUSE		4,389,920 KWH AT	\$ .0004830	EQUALS\$		2,120.33	
NON-SMELTER NON-FAC PPA		4,389,920 KWH AT	\$ .0010090	EQUALS\$		4,429.43	
ENVIRONMENTAL SURCHARGE		\$250,948.52 TAR AT	7.1659570 %	EQUALS\$		17,982.86	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,849.72	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
				TOTAL AMOUNT DUE	\$	265,081.66	

---LOAD FACTOR---  
 ACTUAL      BILLED  
 84.45%      84.45%

MILLS PER KWH  
 60.38

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	4/12	2.40700	1000	2,407
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	99.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

CONTRACT DEMAND	2,760 KW TIMES	\$10.7150000	EQUALS\$	29,573.40
TRANSMISSION - KU - APR 2016			EQUALS\$	1,648.82
TRANSMISSION - LG&E - APR 2016			EQUALS\$	753.42
			SUB-TOTAL	\$ 31,975.64
ENERGY	701,360 KWH AT	\$.0380500	EQUALS\$	26,686.75
			SUB-TOTAL	\$ 26,686.75
			DEMAND AND ENERGY	\$ 58,662.39
FUEL ADJUSTMENT CLAUSE	701,360 KWH AT	\$.0004830	EQUALS\$	338.76
NON-SMELTER NON-FAC PPA	701,360 KWH AT	\$.0010090	EQUALS\$	707.67
ENVIRONMENTAL SURCHARGE	\$57,306.58 TAR AT	7.1659570 %	EQUALS\$	4,106.56
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				801.83
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	63,013.55

---LOAD FACTOR---  
 ACTUAL      BILLED  
 40.48%      35.29%

MILLS PER KWH  
 89.84

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:00P	4/16	.73700	1000	737
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	99.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	32999.080	33224.550	225.470	1000	225,470

CONTRACT DEMAND	1,000 KW TIMES	\$10.7150000	EQUALS\$	10,715.00
TRANSMISSION - KU - APR 2016			EQUALS\$	470.66
TRANSMISSION - LG&E - APR 2016			EQUALS\$	215.08

SUB-TOTAL \$ 11,400.74

ENERGY	225,470 KWH	AT	\$ .0380500	EQUALS\$	8,579.13
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SUB-TOTAL \$ 8,579.13

DEMAND AND ENERGY \$ 19,979.87

FUEL ADJUSTMENT CLAUSE	225,470 KWH	AT	\$ .0004830	EQUALS\$	108.90
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NON-SMELTER NON-FAC PPA	225,470 KWH	AT	\$ .0010090	EQUALS\$	227.50
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ENVIRONMENTAL SURCHARGE	\$19,630.53	TAR	AT	7.1659570 %	EQUALS\$	1,406.72
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MRSM ADJUSTMENT					.00
MRSM - BASE RATE CREDIT					.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT					270.87-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT					.00
RER - BUSINESS ADJUSTMENT					.00
RER - BUSINESS BASE RATE CREDIT					.00

TOTAL AMOUNT DUE \$ 21,452.12

---LOAD FACTOR---  
 ACTUAL BILLED  
 42.48% 31.32%

MILLS PER KWH  
 95.14

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
MONTH ENDING 4/30/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 4/01/16 THRU 4/30/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:00P	4/04	.75000	1000	750
POWER FACTOR		BASE	PEAK	AVERAGE	BILLED	
		90.00%	86.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		18101.930	18629.650	527.720	1000	527,720
CONTRACT DEMAND		750 KW TIMES	\$10.7150000	EQUALS\$		8,036.25
P/F PENALTY		35 KW TIMES	\$10.7150000	EQUALS\$		375.03
					SUB-TOTAL	\$ 8,411.28
ENERGY	527,720 KWH	AT	\$ .0380500	EQUALS\$		20,079.75
					SUB-TOTAL	\$ 20,079.75
					DEMAND AND ENERGY	\$ 28,491.03
FUEL ADJUSTMENT CLAUSE	527,720 KWH	AT	\$ .0004830	EQUALS\$		254.89
NON-SMELTER NON-FAC PPA	527,720 KWH	AT	\$ .0010090	EQUALS\$		532.47
ENVIRONMENTAL SURCHARGE	\$28,903.36	TAR	AT 7.1659570 %	EQUALS\$		2,071.20
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						449.07
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	<u>30,900.52</u>

---LOAD FACTOR---  
ACTUAL      BILLED  
97.75%      97.73%

MILLS PER KWH  
58.55

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 4/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 4/01/16 THRU 4/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:00P	4/07	4.44500	1000	4,445
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	81.00%		PEAK	

ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		33017.970	34864.800	1846.830	1000	1,846,830

ACTUAL DEMAND	4,445 KW TIMES	\$10.7150000	EQUALS\$	47,628.18
P/F PENALTY	494 KW TIMES	\$10.7150000	EQUALS\$	5,293.21

SUB-TOTAL \$ 52,921.39

ENERGY	1,846,830 KWH AT	\$ .0380500	EQUALS\$	70,271.88
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SUB-TOTAL \$ 70,271.88

DEMAND AND ENERGY \$ 123,193.27

FUEL ADJUSTMENT CLAUSE	1,846,830 KWH AT	\$ .0004830	EQUALS\$	892.02
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NON-SMELTER NON-FAC PPA	1,846,830 KWH AT	\$ .0010090	EQUALS\$	1,863.45
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ENVIRONMENTAL SURCHARGE	\$120,655.53 TAR AT	7.1659570 %	EQUALS\$	8,646.12
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MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,783.23
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$ 132,811.63

---LOAD FACTOR---  
 ACTUAL BILLED  
 57.71% 57.71%

MILLS PER KWH  
 71.91

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 5/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00A	5/09	1.75200	1000	1,752
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	96.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	1,752 KW TIMES	\$10.7150000	EQUALS\$	18,772.68
			SUB-TOTAL \$	18,772.68
ENERGY	552,700 KWH AT	\$ .0380500	EQUALS\$	21,030.24
			SUB-TOTAL \$	21,030.24
			DEMAND AND ENERGY \$	39,802.92
FUEL ADJUSTMENT CLAUSE	552,700 KWH AT	\$ .0001460-	EQUALS\$	80.69-
NON-SMELTER NON-FAC PPA	552,700 KWH AT	\$ .0010090	EQUALS\$	557.67
ENVIRONMENTAL SURCHARGE	\$40,279.90 TAR AT	8.2700910 %	EQUALS\$	3,331.18
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				508.16-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	43,102.92

---LOAD FACTOR---  
 ACTUAL BILLED  
 42.41% 42.40%

MILLS PER KWH  
 77.99

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	552,700				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:30A	5/10	5.29200	1000	5,292
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	95.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		69760.900	72027.940	2267.040	1000	2,267,040
ACTUAL DEMAND		5,292 KW TIMES	\$10.7150000	EQUALS\$		56,703.78
				SUB-TOTAL	\$	56,703.78
ENERGY		2,267,040 KWH AT	\$ .0380500	EQUALS\$		86,260.87
				SUB-TOTAL	\$	86,260.87
				DEMAND AND ENERGY	\$	142,964.65
FUEL ADJUSTMENT CLAUSE		2,267,040 KWH AT	\$ .0001460-	EQUALS\$		330.99-
NON-SMELTER NON-FAC PPA		2,267,040 KWH AT	\$ .0010090	EQUALS\$		2,287.44
ENVIRONMENTAL SURCHARGE		\$144,921.10 TAR AT	8.2700910 %	EQUALS\$		11,985.11
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,866.78-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						155,039.43

---LOAD FACTOR---  
 ACTUAL      BILLED  
 57.58%      57.58%

MILLS PER KWH  
 68.39

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP      ACCOUNT ██████████  
 SUBSTATION ██████████      SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	5/17	.08800	1000	88
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	87.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		16865.030	16889.260	24.230	1000	24,230
CONTRACT DEMAND		100 KW TIMES	\$10.7150000	EQUALS\$		1,071.50
				SUB-TOTAL	\$	1,071.50
ENERGY		24,230 KWH AT	\$ .0380500	EQUALS\$		921.95
				SUB-TOTAL	\$	921.95
				DEMAND AND ENERGY	\$	1,993.45
FUEL ADJUSTMENT CLAUSE		24,230 KWH AT	\$ .0001460-	EQUALS\$		3.54-
NON-SMELTER NON-FAC PPA		24,230 KWH AT	\$ .0010090	EQUALS\$		24.45
ENVIRONMENTAL SURCHARGE	\$2,014.36	TAR AT	8.2700910 %	EQUALS\$		166.59
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						24.94-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						2,156.01

---LOAD FACTOR---  
 ACTUAL      BILLED  
 36.92%      32.57%

MILLS PER KWH  
 88.98

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 5/01/16 THRU 5/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:00P	5/15	2.07100	1000	2,071
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	79.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		17421.740	18642.670	1220.930	1000	1,220,930
ACTUAL DEMAND		2,071 KW TIMES	\$10.7150000	EQUALS\$		22,190.77
P/F PENALTY		288 KW TIMES	\$10.7150000	EQUALS\$		3,085.92
				SUB-TOTAL	\$	25,276.69
ENERGY		1,220,930 KWH	AT	\$ .0380500	EQUALS\$	46,456.39
				SUB-TOTAL	\$	46,456.39
				DEMAND AND ENERGY	\$	71,733.08
FUEL ADJUSTMENT CLAUSE		1,220,930 KWH	AT	\$ .0001460-	EQUALS\$	178.26-
NON-SMELTER NON-FAC PPA		1,220,930 KWH	AT	\$ .0010090	EQUALS\$	1,231.92
ENVIRONMENTAL SURCHARGE		\$69,700.82	TAR AT	8.2700910 %	EQUALS\$	5,764.32
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						915.88-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		77,635.18

---LOAD FACTOR---  
 ACTUAL BILLED  
 79.22% 79.24%

MILLS PER KWH  
 63.59

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:30P	5/16	.08800	1000	88
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	100.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		32742.820	32782.750	39.930	1000	39,930
CONTRACT DEMAND		100 KW TIMES	\$10.7150000	EQUALS\$		1,071.50
				SUB-TOTAL	\$	1,071.50
ENERGY		39,930 KWH AT	\$ .0380500	EQUALS\$		1,519.34
				SUB-TOTAL	\$	1,519.34
				DEMAND AND ENERGY	\$	2,590.84
FUEL ADJUSTMENT CLAUSE		39,930 KWH AT	\$ .0001460-	EQUALS\$		5.83-
NON-SMELTER NON-FAC PPA		39,930 KWH AT	\$ .0010090	EQUALS\$		40.29
ENVIRONMENTAL SURCHARGE		\$2,625.30 TAR AT	8.2700910 %	EQUALS\$		217.11
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						33.66-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		2,808.75

---LOAD FACTOR---  
 ACTUAL BILLED  
 60.85% 53.67%

MILLS PER KWH  
 70.34

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16



I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:00P	5/06	26.42200	1000	26,422

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	26,422 KW TIMES	\$10.7150000	EQUALS\$	283,111.73
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SUB-TOTAL	\$	283,111.73
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ENERGY	15,072,850 KWH AT	\$.0380500	EQUALS\$	573,521.94
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SUB-TOTAL	\$	573,521.94
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DEMAND AND ENERGY	\$	856,633.67
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FUEL ADJUSTMENT CLAUSE	15,072,850 KWH AT	\$.0001460-	EQUALS\$	2,200.64-
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NON-SMELTER NON-FAC PPA	15,072,850 KWH AT	\$.0010090	EQUALS\$	15,208.51
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ENVIRONMENTAL SURCHARGE	\$869,641.54 TAR AT	8.2700910 %	EQUALS\$	71,920.15
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MRSM ADJUSTMENT				.00
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MRSM - BASE RATE CREDIT				.00
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MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				11,405.09-
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MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
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RER - BUSINESS ADJUSTMENT				.00
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RER - BUSINESS BASE RATE CREDIT				.00
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TOTAL AMOUNT DUE \$		930,156.60
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---LOAD FACTOR---  
 ACTUAL BILLED  
 76.68% 76.68%

MILLS PER KWH  
 61.71

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
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Total kWh used	15,072,850				
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I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 5/01/16 THRU 5/31/16  
 USAGE      DEMAND      TIME      DAY      METER      MULT      KW DEMAND  
    3:30P      5/20      69.14200      1000      69,142  
 ENERGY      \*\*\* SEE ATTACHED PAGES FOR KWH CALCULATIONS

FIRM POWER - DEMAND	15,000 KW TIMES	\$10.7150000	EQUALS\$	160,725.00
			SUB-TOTAL	\$ 160,725.00
FIRM POWER - ENERGY	10,974,498 KWH AT	\$ .0380500	EQUALS\$	417,579.65
			SUB-TOTAL	\$ 417,579.65
			FIRM POWER - DEMAND AND ENERGY	\$ 578,304.65
FUEL ADJUSTMENT CLAUSE	10,974,498 KWH AT	\$ .0001460-	EQUALS\$	1,602.28-
NON-SMELTER NON-FAC PPA	10,974,498 KWH AT	\$ .0010090	EQUALS\$	11,073.27
ENVIRONMENTAL SURCHARGE	\$587,775.64 TAR AT	8.2700910 %	EQUALS\$	48,609.58
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				7,817.25-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
BACKUP POWER-14,412,166 X .0217280 see attached			EQUALS\$	313,147.08
REPLACEMENT POWER - (see attached)			EQUALS\$	.00
ENERGY IMBALANCE SERVICE - (see attached)			EQUALS\$	.00
POWER FACTOR PENALTY-COGEN AGREEMENT: Section 12(a) (see attached)			EQUALS\$	.00
Section 12(b) (see attached)			EQUALS\$	2,501.55
ADDL CHR: BACKUP & REPLACEMENT POWER SERVICE=14,412,166kWhx.001			EQUALS\$	14,412.17
MONTHLY CHARGE			EQUALS\$	.00
METERING AND BILLING CHARGE - 1/12 ANNUAL ADM & GENL COSTS			EQUALS\$	3,976.37
POWER PURCHASED BY BREC - 000,000 TIMES .0550000 = (00,000.00)			EQUALS\$	.00
ADJUSTMENT - MISO TRUE-UPS -			EQUALS\$	.00
Transmission - MISO			EQUALS\$	131,227.47
			TOTAL AMOUNT DUE \$	<u>1,093,832.61</u>

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	25,386,560				

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	5/25	3.47800	1000	3,478
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	91.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
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\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	3,478 KW TIMES	\$10.7150000	EQUALS\$	37,266.77
			SUB-TOTAL \$	37,266.77
ENERGY	1,653,250 KWH AT	\$ .0380500	EQUALS\$	62,906.16
			SUB-TOTAL \$	62,906.16
			DEMAND AND ENERGY \$	100,172.93
FUEL ADJUSTMENT CLAUSE	1,653,250 KWH AT	\$ .0001460-	EQUALS\$	241.37-
NON-SMELTER NON-FAC PPA	1,653,250 KWH AT	\$ .0010090	EQUALS\$	1,668.13
ENVIRONMENTAL SURCHARGE	\$101,599.69 TAR AT	8.2700910 %	EQUALS\$	8,402.39
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,317.57-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	108,684.51

---LOAD FACTOR---  
 ACTUAL BILLED  
 63.90% 63.89%

MILLS PER KWH  
 65.74

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	1,653,250				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		6:00A	5/01	36.76300	1000	36,763
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	91.00%		PEAK	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	36,763 KW TIMES	\$10.7150000	EQUALS\$	393,915.55
			SUB-TOTAL	\$ 393,915.55
ENERGY	21,892,720 KWH AT	\$ .0380500	EQUALS\$	833,018.00
			SUB-TOTAL	\$ 833,018.00
			DEMAND AND ENERGY	\$ 1,226,933.55
FUEL ADJUSTMENT CLAUSE	21,892,720 KWH AT	\$ .0001460-	EQUALS\$	3,196.34-
NON-SMELTER NON-FAC PPA	21,892,720 KWH AT	\$ .0010090	EQUALS\$	22,089.75
ENVIRONMENTAL SURCHARGE	\$1,245,826.96 TAR AT	8.2700910 %	EQUALS\$	103,031.02
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				16,380.06-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	<u><u>1,332,477.92</u></u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 80.04%      80.04%

MILLS PER KWH  
 60.86

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

METER DATA

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	21,892,720				



I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		3:30P	5/11	11.82600	1000	11,826
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	90.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	11,826 KW TIMES	\$10.7150000	EQUALS\$	126,715.59
			SUB-TOTAL \$	126,715.59
ENERGY	6,271,090 KWH AT	\$ .0380500	EQUALS\$	238,614.97
			SUB-TOTAL \$	238,614.97
			DEMAND AND ENERGY \$	365,330.56
FUEL ADJUSTMENT CLAUSE	6,271,090 KWH AT	\$ .0001460-	EQUALS\$	915.58-
NON-SMELTER NON-FAC PPA	6,271,090 KWH AT	\$ .0010090	EQUALS\$	6,327.53
ENVIRONMENTAL SURCHARGE	\$370,742.51 TAR AT	8.2700910 %	EQUALS\$	30,660.74
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				4,840.80-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	396,562.45

---LOAD FACTOR---  
 ACTUAL 71.27%  
 BILLED 71.27%

MILLS PER KWH  
 63.24

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	6,271,090				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 5/01/16 THRU 5/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:00A	5/24	.02900	1000	29
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	54.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		41717.840	41728.390	10.550	1000	10,550
CONTRACT DEMAND		60 KW TIMES	\$10.7150000	EQUALS\$		642.90
				SUB-TOTAL	\$	642.90
ENERGY		10,550 KWH AT	\$ .0380500	EQUALS\$		401.43
				SUB-TOTAL	\$	401.43
				DEMAND AND ENERGY	\$	1,044.33
FUEL ADJUSTMENT CLAUSE		10,550 KWH AT	\$ .0001460-	EQUALS\$		1.54-
NON-SMELTER NON-FAC PPA		10,550 KWH AT	\$ .0010090	EQUALS\$		10.64
ENVIRONMENTAL SURCHARGE		\$1,053.43 TAR AT	8.2700910 %	EQUALS\$		87.12
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						12.75-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		<u>1,127.80</u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 49.24%      23.63%

MILLS PER KWH  
 106.90

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		4:30A	5/06	.06300	1000	63
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	50.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	63 KW TIMES	\$10.7150000	EQUALS\$	675.05
P/F PENALTY	50 KW TIMES	\$10.7150000	EQUALS\$	535.75
			SUB-TOTAL	\$ 1,210.80
ENERGY	35,150 KWH AT	\$ .0380500	EQUALS\$	1,337.46
			SUB-TOTAL	\$ 1,337.46
			DEMAND AND ENERGY	\$ 2,548.26
FUEL ADJUSTMENT CLAUSE	35,150 KWH AT	\$ .0001460-	EQUALS\$	5.13-
NON-SMELTER NON-FAC PPA	35,150 KWH AT	\$ .0010090	EQUALS\$	35.47
ENVIRONMENTAL SURCHARGE	\$2,042.85 TAR AT	8.2700910 %	EQUALS\$	168.95
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				26.75-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	2,720.80

---LOAD FACTOR---  
 ACTUAL BILLED  
 74.99% 74.99%

MILLS PER KWH  
 77.41

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	35,150				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30P	5/14	.27300	1000	273
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

CONTRACT DEMAND	500 KW TIMES	\$10.7150000	EQUALS\$	5,357.50
			SUB-TOTAL	\$ 5,357.50
ENERGY	106,400 KWH AT	\$ .0380500	EQUALS\$	4,048.52
			SUB-TOTAL	\$ 4,048.52
			DEMAND AND ENERGY	\$ 9,406.02
FUEL ADJUSTMENT CLAUSE	106,400 KWH AT	\$ .0001460-	EQUALS\$	15.53-
NON-SMELTER NON-FAC PPA	106,400 KWH AT	\$ .0010090	EQUALS\$	107.36
ENVIRONMENTAL SURCHARGE	\$9,497.85 TAR AT	8.2700910 %	EQUALS\$	785.48
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				116.51-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00

TOTAL AMOUNT DUE \$ 10,166.82

---LOAD FACTOR---  
 ACTUAL BILLED  
 52.42% 28.60%

MILLS PER KWH  
 95.55

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	106,400				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	5/19	3.34200	1000	3,342
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	89.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		74350.900	74942.960	592.060	1000	592,060
ACTUAL DEMAND		3,342 KW TIMES	\$10.7150000		EQUALS\$	35,809.53
P/F PENALTY		38 KW TIMES	\$10.7150000		EQUALS\$	407.17
				SUB-TOTAL	\$	36,216.70
ENERGY		592,060 KWH	AT	\$ .0380500	EQUALS\$	22,527.88
				SUB-TOTAL	\$	22,527.88
				DEMAND AND ENERGY	\$	58,744.58
FUEL ADJUSTMENT CLAUSE		592,060 KWH	AT	\$ .0001460-	EQUALS\$	86.44-
NON-SMELTER NON-FAC PPA		592,060 KWH	AT	\$ .0010090	EQUALS\$	597.39
ENVIRONMENTAL SURCHARGE		\$58,848.36	TAR AT	8.2700910 %	EQUALS\$	4,866.81
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						712.65-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	63,409.69

---LOAD FACTOR---  
 ACTUAL BILLED  
 23.81% 23.81%

MILLS PER KWH  
 107.10

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 5/01/16 THRU 5/31/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30P	5/17	10.07400	1000	10,074
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	90.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		47006.510	50872.920	3866.410	1000	3,866,410
ACTUAL DEMAND		10,074 KW TIMES	\$10.7150000		EQUALS\$	107,942.91
TRANSMISSION - KU - MAY 2016					EQUALS\$	9,536.87
TRANSMISSION - LG&E - MAY 2016					EQUALS\$	4,273.46
				SUB-TOTAL	\$	121,753.24
ENERGY		3,866,410 KWH	AT	\$ .0380500	EQUALS\$	147,116.90
				SUB-TOTAL	\$	147,116.90
				DEMAND AND ENERGY	\$	268,870.14
FUEL ADJUSTMENT CLAUSE		3,866,410 KWH	AT	\$ .0001460-	EQUALS\$	564.50-
NON-SMELTER NON-FAC PPA		3,866,410 KWH	AT	\$ .0010090	EQUALS\$	3,901.21
ENVIRONMENTAL SURCHARGE		\$258,396.52	TAR AT	8.2700910 %	EQUALS\$	21,369.63
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,304.21-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		290,272.27

---LOAD FACTOR---  
 ACTUAL      BILLED  
 51.59%      51.59%

MILLS PER KWH  
 75.08

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30P	5/28	7.19700	1000	7,197
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		92409.950	96856.220	4446.270	1000	4,446,270
ACTUAL DEMAND		7,197 KW TIMES	\$10.7150000	EQUALS\$		77,115.86
				SUB-TOTAL	\$	77,115.86
ENERGY		4,446,270 KWH AT	\$ .0380500	EQUALS\$		169,180.57
				SUB-TOTAL	\$	169,180.57
				DEMAND AND ENERGY	\$	246,296.43
FUEL ADJUSTMENT CLAUSE		4,446,270 KWH AT	\$ .0001460-	EQUALS\$		649.16-
NON-SMELTER NON-FAC PPA		4,446,270 KWH AT	\$ .0010090	EQUALS\$		4,486.29
ENVIRONMENTAL SURCHARGE	\$250,133.56	TAR AT	8.2700910 %	EQUALS\$		20,686.27
MRS M ADJUSTMENT						.00
MRS M - BASE RATE CREDIT						.00
MRS M - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,295.75-
MRS M - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
TOTAL AMOUNT DUE \$						267,524.08

---LOAD FACTOR---  
 ACTUAL      BILLED  
 83.03%      83.04%

MILLS PER KWH  
 60.17

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 5/31/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 5/01/16 THRU 5/31/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	5/04	2.04100	1000	2,041

POWER FACTOR	BASE	PEAK	AVERAGE	BILLED
	90.00%	99.00%		PEAK

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
	29009.860	29810.290	800.430	1000	800,430

CONTRACT DEMAND	2,760 KW TIMES	\$10.7150000	EQUALS\$	29,573.40
TRANSMISSION - KU - MAY 2016			EQUALS\$	1,371.87
TRANSMISSION - LG&E - MAY 2016			EQUALS\$	679.14

SUB-TOTAL \$ 31,624.41

ENERGY	800,430 KWH	AT	\$.0380500	EQUALS\$	30,456.36
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SUB-TOTAL \$ 30,456.36

DEMAND AND ENERGY \$ 62,080.77

FUEL ADJUSTMENT CLAUSE	800,430 KWH	AT	\$.0001460-	EQUALS\$	116.86-
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NON-SMELTER NON-FAC PPA	800,430 KWH	AT	\$.0010090	EQUALS\$	807.63
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ENVIRONMENTAL SURCHARGE	\$60,720.53	TAR	AT	8.2700910 %	EQUALS\$	5,021.64
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MRSM ADJUSTMENT					.00
MRSM - BASE RATE CREDIT					.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT					761.51-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT					.00
RER - BUSINESS ADJUSTMENT					.00
RER - BUSINESS BASE RATE CREDIT					.00

TOTAL AMOUNT DUE \$ 67,031.67

---LOAD FACTOR---  
 ACTUAL BILLED  
 52.71% 38.98%

MILLS PER KWH  
 83.74

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:30P	5/12	.79400	1000	794
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	97.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		33224.550	33530.080	305.530	1000	305,530
CONTRACT DEMAND		1,000 KW TIMES	\$10.7150000		EQUALS\$	10,715.00
TRANSMISSION - KU - MAY 2016					EQUALS\$	389.48
TRANSMISSION - LG&E - MAY 2016					EQUALS\$	192.89
				SUB-TOTAL	\$	11,297.37
ENERGY		305,530 KWH	AT	\$ .0380500	EQUALS\$	11,625.42
				SUB-TOTAL	\$	11,625.42
				DEMAND AND ENERGY	\$	22,922.79
FUEL ADJUSTMENT CLAUSE		305,530 KWH	AT	\$ .0001460-	EQUALS\$	44.61-
NON-SMELTER NON-FAC PPA		305,530 KWH	AT	\$ .0010090	EQUALS\$	308.28
ENVIRONMENTAL SURCHARGE	\$22,604.09	TAR	AT	8.2700910 %	EQUALS\$	1,869.38
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						284.52-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		24,771.32

---LOAD FACTOR---  
 ACTUAL      BILLED  
 51.73%      41.07%

MILLS PER KWH  
 81.08

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:00A	5/12	.74300	1000	743
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	86.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		18629.650	19172.730	543.080	1000	543,080
CONTRACT DEMAND		750 KW TIMES	\$10.7150000		EQUALS\$	8,036.25
P/F PENALTY		28 KW TIMES	\$10.7150000		EQUALS\$	300.02
					SUB-TOTAL	\$ 8,336.27
ENERGY		543,080 KWH	AT	\$ .0380500	EQUALS\$	20,664.19
					SUB-TOTAL	\$ 20,664.19
					DEMAND AND ENERGY	\$ 29,000.46
FUEL ADJUSTMENT CLAUSE		543,080 KWH	AT	\$ .0001460-	EQUALS\$	79.29-
NON-SMELTER NON-FAC PPA		543,080 KWH	AT	\$ .0010090	EQUALS\$	547.97
ENVIRONMENTAL SURCHARGE		\$29,169.12	TAR AT	8.2700910 %	EQUALS\$	2,412.31
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						387.72-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	31,493.73

---LOAD FACTOR---  
ACTUAL      BILLED  
98.19%      97.33%

MILLS PER KWH  
57.99

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 5/31/16

TO KENERGY CORP				ACCOUNT [REDACTED]		
SUBSTATION [REDACTED]				SERVICE FROM 5/01/16 THRU 5/31/16		
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:00P	5/03	4.39700	1000	4,397
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	80.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		34864.800	36766.200	1901.400	1000	1,901,400
ACTUAL DEMAND		4,397 KW TIMES	\$10.7150000	EQUALS\$		47,113.86
P/F PENALTY		550 KW TIMES	\$10.7150000	EQUALS\$		5,893.25
				SUB-TOTAL	\$	53,007.11
ENERGY		1,901,400 KWH	AT	\$ .0380500	EQUALS\$	72,348.27
				SUB-TOTAL	\$	72,348.27
				DEMAND AND ENERGY	\$	125,355.38
FUEL ADJUSTMENT CLAUSE		1,901,400 KWH	AT	\$ .0001460-	EQUALS\$	277.60-
NON-SMELTER NON-FAC PPA		1,901,400 KWH	AT	\$ .0010090	EQUALS\$	1,918.51
ENVIRONMENTAL SURCHARGE		\$121,103.04	TAR AT	8.2700910 %	EQUALS\$	10,015.33
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,560.93-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	135,450.69

---LOAD FACTOR---  
 ACTUAL BILLED  
 58.12% 58.12%

MILLS PER KWH  
 71.24

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 6/27/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
MONTH ENDING 6/30/16

TO KENERGY CORP ACCOUNT [REDACTED]  
SUBSTATION [REDACTED] SERVICE FROM 6/01/16 THRU 6/30/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
11:00A 6/08 1.74100 1000 1,741  
POWER FACTOR BASE PEAK AVERAGE BILLED  
90.00% 88.00% PEAK

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED  
\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND 1,741 KW TIMES \$10.7150000 EQUALS\$ 18,654.82  
P/F PENALTY 40 KW TIMES \$10.7150000 EQUALS\$ 428.60

SUB-TOTAL \$ 19,083.42

ENERGY 555,020 KWH AT \$.0380500 EQUALS\$ 21,118.51

SUB-TOTAL \$ 21,118.51

DEMAND AND ENERGY \$ 40,201.93

FUEL ADJUSTMENT CLAUSE 555,020 KWH AT \$.0006360- EQUALS\$ 352.99-

NON-SMELTER NON-FAC PPA 555,020 KWH AT \$.0010090 EQUALS\$ 560.02

ENVIRONMENTAL SURCHARGE \$39,980.36 TAR AT 8.2327570 % EQUALS\$ 3,291.49

MRSM ADJUSTMENT .00  
MRSM - BASE RATE CREDIT .00  
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 608.38-  
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
RER - BUSINESS ADJUSTMENT .00  
RER - BUSINESS BASE RATE CREDIT .00


TOTAL AMOUNT DUE \$ 43,092.07

---LOAD FACTOR---  
ACTUAL BILLED  
44.28% 44.28%

MILLS PER KWH  
77.64

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
					
Total kWh used	555,020				



I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP	ACCOUNT [REDACTED]					
SUBSTATION [REDACTED]	SERVICE FROM 6/01/16 THRU 6/30/16					
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	6/14	5.40500	1000	5,405
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	95.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		72027.940	74510.300	2482.360	1000	2,482,360
ACTUAL DEMAND		5,405 KW TIMES	\$10.7150000	EQUALS\$		57,914.58
				SUB-TOTAL	\$	57,914.58
ENERGY		2,482,360 KWH AT	\$ .0380500	EQUALS\$		94,453.80
				SUB-TOTAL	\$	94,453.80
				DEMAND AND ENERGY	\$	152,368.38
FUEL ADJUSTMENT CLAUSE		2,482,360 KWH AT	\$ .0006360-	EQUALS\$		1,578.78-
NON-SMELTER NON-FAC PPA		2,482,360 KWH AT	\$ .0010090	EQUALS\$		2,504.70
ENVIRONMENTAL SURCHARGE	\$153,294.30	TAR AT	8.2327570 %	EQUALS\$		12,620.35
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						2,367.08-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		163,547.57

---LOAD FACTOR---  
 ACTUAL BILLED  
 63.78% 63.79%

MILLS PER KWH  
 65.88

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 6/01/16 THRU 6/30/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		10:30A	6/29	.06300	1000	63
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	77.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		16889.260	16911.910	22.650	1000	22,650
CONTRACT DEMAND		100 KW TIMES	\$10.7150000	EQUALS\$		1,071.50
				SUB-TOTAL	\$	1,071.50
ENERGY		22,650 KWH	AT	\$ .0380500	EQUALS\$	861.83
					SUB-TOTAL	\$ 861.83
					DEMAND AND ENERGY	\$ 1,933.33
FUEL ADJUSTMENT CLAUSE		22,650 KWH	AT	\$ .0006360-	EQUALS\$	14.41-
NON-SMELTER NON-FAC PPA		22,650 KWH	AT	\$ .0010090	EQUALS\$	22.85
ENVIRONMENTAL SURCHARGE		\$1,941.77	TAR AT	8.2327570 %	EQUALS\$	159.86
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						29.12-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	<u>2,072.51</u>

---LOAD FACTOR---  
 ACTUAL    BILLED  
 49.93%    31.46%

MILLS PER KWH  
 91.50

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 6/01/16 THRU 6/30/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30P	6/01	1.98700	1000	1,987
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	77.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		18642.670	19890.360	1247.690	1000	1,247,690
ACTUAL DEMAND		1,987 KW TIMES	\$10.7150000	EQUALS\$		21,290.71
P/F PENALTY		335 KW TIMES	\$10.7150000	EQUALS\$		3,589.53
				SUB-TOTAL	\$	24,880.24
ENERGY		1,247,690 KWH	AT	\$ .0380500	EQUALS\$	47,474.60
				SUB-TOTAL	\$	47,474.60
				DEMAND AND ENERGY	\$	72,354.84
FUEL ADJUSTMENT CLAUSE		1,247,690 KWH	AT	\$ .0006360-	EQUALS\$	793.53-
NON-SMELTER NON-FAC PPA		1,247,690 KWH	AT	\$ .0010090	EQUALS\$	1,258.92
ENVIRONMENTAL SURCHARGE		\$69,230.70	TAR AT	8.2327570 %	EQUALS\$	5,699.60
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,081.31-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	77,438.52

---LOAD FACTOR---  
 ACTUAL      BILLED  
 87.20%      87.21%

MILLS PER KWH  
 62.07

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		1:30A	6/01	.04700	1000	47
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	107.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		32782.750	32810.940	28.190	1000	28,190
CONTRACT DEMAND		100 KW TIMES	\$10.7150000	EQUALS\$		1,071.50
				SUB-TOTAL	\$	1,071.50
ENERGY		28,190 KWH AT	\$ .0380500	EQUALS\$		1,072.63
				SUB-TOTAL	\$	1,072.63
				DEMAND AND ENERGY	\$	2,144.13
FUEL ADJUSTMENT CLAUSE		28,190 KWH AT	\$ .0006360-	EQUALS\$		17.93-
NON-SMELTER NON-FAC PPA		28,190 KWH AT	\$ .0010090	EQUALS\$		28.44
ENVIRONMENTAL SURCHARGE	\$2,154.64	TAR AT	8.2327570 %	EQUALS\$		177.39
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						32.62-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		2,299.41

---LOAD FACTOR---  
 ACTUAL BILLED  
 82.95% 39.15%

MILLS PER KWH  
 81.57

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED] SERVICE FROM 6/01/16 THRU 6/30/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
 10:00P 6/12 26.15600 1000 26,156  
 ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

ACTUAL DEMAND	26,156 KW TIMES	\$10.7150000	EQUALS\$	280,261.54
			SUB-TOTAL \$	280,261.54
ENERGY	14,109,180 KWH AT	\$.0380500	EQUALS\$	536,854.30
			SUB-TOTAL \$	536,854.30
			DEMAND AND ENERGY \$	817,115.84
FUEL ADJUSTMENT CLAUSE	14,109,180 KWH AT	\$.0006360-	EQUALS\$	8,973.44-
NON-SMELTER NON-FAC PPA	14,109,180 KWH AT	\$.0010090	EQUALS\$	14,236.16
ENVIRONMENTAL SURCHARGE	\$822,378.56 TAR AT	8.2327570 %	EQUALS\$	67,704.43
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				12,775.54-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
REF - BUSINESS ADJUSTMENT				.00
REF - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	877,307.45

---LOAD FACTOR---  
 ACTUAL BILLED  
 74.92% 74.92%

MILLS PER KWH  
 62.18

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
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Total kWh used	14,109,180				
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I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 6/01/16 THRU 6/30/16  
 USAGE      DEMAND      TIME      DAY      METER      MULT      KW DEMAND  
    5:00A      6/20      70.89100      1000      70,891  
 ENERGY      \*\*\* SEE ATTACHED PAGES FOR KWH CALCULATIONS

FIRM POWER - DEMAND	15,000 KW TIMES	\$10.7150000	EQUALS\$	160,725.00
			SUB-TOTAL	\$ 160,725.00
FIRM POWER - ENERGY	10,795,747 KWH AT	\$ .0380500	EQUALS\$	410,778.17
			SUB-TOTAL	\$ 410,778.17
			FIRM POWER - DEMAND AND ENERGY	\$ 571,503.17
FUEL ADJUSTMENT CLAUSE	10,795,747 KWH AT	\$ .0006360-	EQUALS\$	6,866.10-
NON-SMELTER NON-FAC PPA	10,795,747 KWH AT	\$ .0010090	EQUALS\$	10,892.91
ENVIRONMENTAL SURCHARGE	\$575,529.98 TAR AT	8.2327570 %	EQUALS\$	47,381.98
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				9,030.22-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
BACKUP POWER-7,493,308 X .0314389 see attached			EQUALS\$	235,581.41
REPLACEMENT POWER - (see attached)			EQUALS\$	.00
ENERGY IMBALANCE SERVICE - (see attached)			EQUALS\$	.00
POWER FACTOR PENALTY-COGEN AGREEMENT: Section 12(a) (see attached)			EQUALS\$	.00
Section 12(b) (see attached)			EQUALS\$	2,487.62
ADDL CHR: BACKUP & REPLACEMENT POWER SERVICE=7,493,308kWhx.001			EQUALS\$	7,493.31
MONTHLY CHARGE			EQUALS\$	.00
METERING AND BILLING CHARGE - 1/12 ANNUAL ADM & GENL COSTS			EQUALS\$	3,976.37
POWER PURCHASED BY BREC - 000,000 TIMES .0550000 = (00,000.00)			EQUALS\$	.00
ADJUSTMENT - MISO TRUE-UPS -			EQUALS\$	.00
Transmission - MISO			EQUALS\$	93,522.26
			TOTAL AMOUNT DUE \$	956,942.71

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	18,288,990				



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	6/07	3.53800	1000	3,538
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	92.00%		PEAK	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	3,538 KW TIMES	\$10.7150000	EQUALS\$	37,909.67
			SUB-TOTAL	\$ 37,909.67
ENERGY	1,833,590 KWH AT	\$ .0380500	EQUALS\$	69,768.10
			SUB-TOTAL	\$ 69,768.10
			DEMAND AND ENERGY	\$ 107,677.77
FUEL ADJUSTMENT CLAUSE	1,833,590 KWH AT	\$ .0006360-	EQUALS\$	1,166.16-
NON-SMELTER NON-FAC PPA	1,833,590 KWH AT	\$ .0010090	EQUALS\$	1,850.09
ENVIRONMENTAL SURCHARGE	\$108,361.70 TAR AT	8.2327570 %	EQUALS\$	8,921.16
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				1,680.91-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	<u>115,601.95</u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 71.98%      71.98%

MILLS PER KWH  
 63.05

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	1,833,590				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		4:00A	6/09	37.23800	1000	37,238
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	91.00%		PEAK	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	37,238 KW TIMES	\$10.7150000	EQUALS\$	399,005.17
			SUB-TOTAL \$	399,005.17
ENERGY	24,999,950 KWH AT	\$ .0380500	EQUALS\$	951,248.10
			SUB-TOTAL \$	951,248.10
			DEMAND AND ENERGY \$	1,350,253.27
FUEL ADJUSTMENT CLAUSE	24,999,950 KWH AT	\$ .0006360-	EQUALS\$	15,899.97-
NON-SMELTER NON-FAC PPA	24,999,950 KWH AT	\$ .0010090	EQUALS\$	25,224.95
ENVIRONMENTAL SURCHARGE	\$1,359,578.25 TAR AT	8.2327570 %	EQUALS\$	111,930.77
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				21,283.34-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	<u>1,450,225.68</u>

---LOAD FACTOR---  
 ACTUAL      BILLED  
 93.24%      93.24%

MILLS PER KWH  
 58.01

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	24,999,950				

I N V O I C E

BIG RIVERS ELECTRIC CORP

P.O. BOX 24

HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP

ACCOUNT

SUBSTATION

SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	6/15	12.74000	1000	12,740
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	90.00%		PEAK	

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	12,740 KW TIMES	\$10.7150000	EQUALS\$	136,509.10
			SUB-TOTAL	\$ 136,509.10
ENERGY	6,786,840 KWH AT	\$ .0380500	EQUALS\$	258,239.26
			SUB-TOTAL	\$ 258,239.26
			DEMAND AND ENERGY	\$ 394,748.36
FUEL ADJUSTMENT CLAUSE	6,786,840 KWH AT	\$ .0006360-	EQUALS\$	4,316.43-
NON-SMELTER NON-FAC PPA	6,786,840 KWH AT	\$ .0010090	EQUALS\$	6,847.92
ENVIRONMENTAL SURCHARGE	\$397,279.85 TAR AT	8.2327570 %	EQUALS\$	32,707.08
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				6,168.87-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
			TOTAL AMOUNT DUE \$	423,818.06

---LOAD FACTOR---  
 ACTUAL BILLED  
 73.99% 73.99%

MILLS PER KWH  
 62.45

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	6,786,840				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP      ACCOUNT ██████████  
 SUBSTATION ██████████      SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		11:30A	6/23	.02900	1000	29
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	54.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		41728.390	41741.120	12.730	1000	12,730
CONTRACT DEMAND		60 KW TIMES	\$10.7150000	EQUALS\$		642.90
				SUB-TOTAL	\$	642.90
ENERGY		12,730 KWH AT	\$ .0380500	EQUALS\$		484.38
				SUB-TOTAL	\$	484.38
				DEMAND AND ENERGY	\$	1,127.28
FUEL ADJUSTMENT CLAUSE		12,730 KWH AT	\$ .0006360-	EQUALS\$		8.10-
NON-SMELTER NON-FAC PPA		12,730 KWH AT	\$ .0010090	EQUALS\$		12.84
ENVIRONMENTAL SURCHARGE	\$1,132.02	TAR AT	8.2327570 %	EQUALS\$		93.20
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						16.93-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		1,208.29

---LOAD FACTOR---  
 ACTUAL      BILLED  
 61.39%      29.47%

MILLS PER KWH  
 94.92

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30A	6/02	.05500	1000	55
POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
	90.00%	36.00%		PEAK		

ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
*** SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS					

ACTUAL DEMAND	55 KW TIMES	\$10.7150000	EQUALS\$	589.33
P/F PENALTY	86 KW TIMES	\$10.7150000	EQUALS\$	921.49
				1,510.82
ENERGY	32,560 KWH AT	\$ .0380500	EQUALS\$	1,238.91
				1,238.91
				2,749.73
FUEL ADJUSTMENT CLAUSE	32,560 KWH AT	\$ .0006360-	EQUALS\$	20.71-
NON-SMELTER NON-FAC PPA	32,560 KWH AT	\$ .0010090	EQUALS\$	32.85
ENVIRONMENTAL SURCHARGE	\$1,840.38 TAR AT	8.2327570 %	EQUALS\$	151.51
MRSM ADJUSTMENT				.00
MRSM - BASE RATE CREDIT				.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT				28.68-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT				.00
RER - BUSINESS ADJUSTMENT				.00
RER - BUSINESS BASE RATE CREDIT				.00
				2,884.70
			TOTAL AMOUNT DUE \$	2,884.70

---LOAD FACTOR---  
 ACTUAL      BILLED  
 81.63%      82.22%

MILLS PER KWH  
 88.60

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16



M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	32,560				

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP      ACCOUNT [REDACTED]  
 SUBSTATION [REDACTED]      SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:00A	6/10	.20700	1000	207
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED

\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

CONTRACT DEMAND	500 KW TIMES	\$10.7150000		EQUALS\$	5,357.50
				SUB-TOTAL	\$ 5,357.50
ENERGY	102,420 KWH	AT	\$ .0380500	EQUALS\$	3,897.08
				SUB-TOTAL	\$ 3,897.08
				DEMAND AND ENERGY	\$ 9,254.58
FUEL ADJUSTMENT CLAUSE	102,420 KWH	AT	\$ .0006360-	EQUALS\$	65.14-
NON-SMELTER NON-FAC PPA	102,420 KWH	AT	\$ .0010090	EQUALS\$	103.34
ENVIRONMENTAL SURCHARGE	\$9,292.78	TAR	AT 8.2327570 %	EQUALS\$	765.05
MRSM ADJUSTMENT					.00
MRSM - BASE RATE CREDIT					.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT					138.82-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT					.00
RER - BUSINESS ADJUSTMENT					.00
RER - BUSINESS BASE RATE CREDIT					.00
				TOTAL AMOUNT DUE \$	9,919.01

---LOAD FACTOR---  
 ACTUAL      BILLED  
 68.79%      28.45%

MILLS PER KWH  
 96.85

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

M E T E R   D A T A

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
[REDACTED]					
Total kWh used	102,420				

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 6/01/16 THRU 6/30/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		9:30A	6/21	3.29500	1000	3,295
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	90.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		74942.960	75503.420	560.460	1000	560,460
ACTUAL DEMAND		3,295 KW TIMES	\$10.7150000	EQUALS\$		35,305.93
				SUB-TOTAL	\$	35,305.93
ENERGY		560,460 KWH AT	\$ .0380500	EQUALS\$		21,325.50
				SUB-TOTAL	\$	21,325.50
				DEMAND AND ENERGY	\$	56,631.43
FUEL ADJUSTMENT CLAUSE		560,460 KWH AT	\$ .0006360-	EQUALS\$		356.45-
NON-SMELTER NON-FAC PPA		560,460 KWH AT	\$ .0010090	EQUALS\$		565.50
ENVIRONMENTAL SURCHARGE		\$56,840.48 TAR AT	8.2327570 %	EQUALS\$		4,679.54
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						842.77-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		60,677.25

---LOAD FACTOR---  
ACTUAL BILLED  
23.62% 23.62%

MILLS PER KWH  
108.26

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		2:30P	6/21	9.97300	1000	9,973
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	89.00%		PEAK	

ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		50872.920	54427.860	3554.940	1000	3,554,940

ACTUAL DEMAND	9,973 KW TIMES	\$10.7150000	EQUALS\$	106,860.70
P/F PENALTY	112 KW TIMES	\$10.7150000	EQUALS\$	1,200.08
TRANSMISSION - KU - JUN 2016			EQUALS\$	10,156.34
TRANSMISSION - LG&E - JUN 2016			EQUALS\$	4,692.06

SUB-TOTAL      \$      122,909.18

ENERGY	3,554,940 KWH	AT	\$ .0380500	EQUALS\$	135,265.47
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SUB-TOTAL      \$      135,265.47

DEMAND AND ENERGY      \$      258,174.65

FUEL ADJUSTMENT CLAUSE	3,554,940 KWH	AT	\$ .0006360-	EQUALS\$	2,260.94-
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NON-SMELTER NON-FAC PPA	3,554,940 KWH	AT	\$ .0010090	EQUALS\$	3,586.93
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ENVIRONMENTAL SURCHARGE	\$243,452.16	TAR	AT	8.2327570 %	EQUALS\$	20,042.82
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MRSM ADJUSTMENT					.00
MRSM - BASE RATE CREDIT					.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT					3,721.66-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT					.00
RER - BUSINESS ADJUSTMENT					.00
RER - BUSINESS BASE RATE CREDIT					.00

TOTAL AMOUNT DUE \$      275,821.80

---LOAD FACTOR---  
ACTUAL      BILLED  
49.51%      49.51%

MILLS PER KWH  
77.59

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP

ACCOUNT [REDACTED]

SUBSTATION [REDACTED]

SERVICE FROM 6/01/16 THRU 6/30/16

USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30A	6/07	7.32600	1000	7,326
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		96856.220	101189.200	4332.980	1000	4,332,980
ACTUAL DEMAND		7,326 KW TIMES	\$10.7150000	EQUALS\$		78,498.09
				SUB-TOTAL	\$	78,498.09
ENERGY		4,332,980 KWH AT	\$ .0380500	EQUALS\$		164,869.89
				SUB-TOTAL	\$	164,869.89
				DEMAND AND ENERGY	\$	243,367.98
FUEL ADJUSTMENT CLAUSE		4,332,980 KWH AT	\$ .0006360-	EQUALS\$		2,755.78-
NON-SMELTER NON-FAC PPA		4,332,980 KWH AT	\$ .0010090	EQUALS\$		4,371.98
ENVIRONMENTAL SURCHARGE		\$244,984.18 TAR AT	8.2327570 %	EQUALS\$		20,168.95
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						3,818.40-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE \$		261,334.73

---LOAD FACTOR---  
ACTUAL BILLED  
82.15% 82.15%

MILLS PER KWH  
60.31

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP P.O. BOX 24 HENDERSON, KY 42420  
MONTH ENDING 6/30/16

TO KENERGY CORP ACCOUNT [REDACTED]  
SUBSTATION [REDACTED] SERVICE FROM 6/01/16 THRU 6/30/16

USAGE DEMAND TIME DAY METER MULT KW DEMAND  
11:00A 6/09 2.17400 1000 2,174  
POWER FACTOR BASE PEAK AVERAGE BILLED  
90.00% 100.00% PEAK

ENERGY PREVIOUS PRESENT DIFFERENCE MULT. KWH USED  
\*\*\* SEE ATTACHED PAGE FOR METERS AND KWH CALCULATIONS

CONTRACT DEMAND 2,760 KW TIMES \$10.7150000 EQUALS\$ 29,573.40  
TRANSMISSION - KU - JUN 2016 EQUALS\$ 1,139.89  
TRANSMISSION - LG&E - JUN 2016 EQUALS\$ 526.88  
SUB-TOTAL \$ 31,240.17  
ENERGY 767,546 KWH AT \$.0380500 EQUALS\$ 29,205.13  
SUB-TOTAL \$ 29,205.13  
DEMAND AND ENERGY \$ 60,445.30  
FUEL ADJUSTMENT CLAUSE 767,546 KWH AT \$.0006360- EQUALS\$ 488.16-  
NON-SMELTER NON-FAC PPA 767,546 KWH AT \$.0010090 EQUALS\$ 774.45  
ENVIRONMENTAL SURCHARGE \$59,064.82 TAR AT 8.2327570 % EQUALS\$ 4,862.66  
MRSM ADJUSTMENT .00  
MRSM - BASE RATE CREDIT .00  
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT 893.72-  
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT .00  
RER - BUSINESS ADJUSTMENT .00  
RER - BUSINESS BASE RATE CREDIT .00  
TOTAL AMOUNT DUE \$ 64,700.53

---LOAD FACTOR---  
ACTUAL BILLED  
49.04% 38.62%

MILLS PER KWH  
84.30

DUE IN  
IMMEDIATELY AVAILABLE FUNDS  
ON THIS DATE  
7/25/16

M E T E R   D A T A

[REDACTED]

Substation	kWh	Current Reading	Previous Reading	Difference	Mult.
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[REDACTED]



I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 6/01/16 THRU 6/30/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		8:00A	6/27	.66800	1000	668
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	99.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		33530.080	33825.920	295.840	1000	295,840
CONTRACT DEMAND		1,000 KW TIMES	\$10.7150000		EQUALS\$	10,715.00
TRANSMISSION - KU - JUN 2016					EQUALS\$	550.58
TRANSMISSION - LG&E - JUN 2016					EQUALS\$	254.47
					SUB-TOTAL	\$ 11,520.05
ENERGY	295,840 KWH	AT	\$ .0380500		EQUALS\$	11,256.71
					SUB-TOTAL	\$ 11,256.71
					DEMAND AND ENERGY	\$ 22,776.76
FUEL ADJUSTMENT CLAUSE	295,840 KWH	AT	\$ .0006360-		EQUALS\$	188.15-
NON-SMELTER NON-FAC PPA	295,840 KWH	AT	\$ .0010090		EQUALS\$	298.50
ENVIRONMENTAL SURCHARGE	\$22,082.06	TAR	AT 8.2327570 %		EQUALS\$	1,817.96
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						334.98-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
RER - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
					TOTAL AMOUNT DUE \$	24,370.09

---LOAD FACTOR---  
 ACTUAL      BILLED  
 61.53%      41.09%

MILLS PER KWH  
 82.38

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420

MONTH ENDING 6/30/16

TO KENERGY CORP				ACCOUNT [REDACTED]			
SUBSTATION [REDACTED]				SERVICE FROM 6/01/16 THRU 6/30/16			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		12:30A	6/01	.73700	1000	737	
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED		
		90.00%	85.00%		PEAK		
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED	
		19172.730	19555.080	382.350	1000	382,350	
CONTRACT DEMAND		750 KW TIMES	\$10.7150000	EQUALS\$		8,036.25	
P/F PENALTY		30 KW TIMES	\$10.7150000	EQUALS\$		321.45	
				SUB-TOTAL	\$	8,357.70	
ENERGY		382,350 KWH	AT	\$ .0380500	EQUALS\$	14,548.42	
				SUB-TOTAL	\$	14,548.42	
				DEMAND AND ENERGY	\$	22,906.12	
FUEL ADJUSTMENT CLAUSE		382,350 KWH	AT	\$ .0006360-	EQUALS\$	243.17-	
NON-SMELTER NON-FAC PPA		382,350 KWH	AT	\$ .0010090	EQUALS\$	385.79	
ENVIRONMENTAL SURCHARGE		\$22,727.29	TAR AT	8.2327570 %	EQUALS\$	1,871.08	
MRSM ADJUSTMENT						.00	
MRSM - BASE RATE CREDIT						.00	
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						352.33-	
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00	
RER - BUSINESS ADJUSTMENT						.00	
RER - BUSINESS BASE RATE CREDIT						.00	
				TOTAL AMOUNT DUE	\$	24,567.49	

---LOAD FACTOR---  
 ACTUAL    BILLED  
 72.03%    70.81%

MILLS PER KWH  
 64.25

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

I N V O I C E

BIG RIVERS ELECTRIC CORP      P.O. BOX 24      HENDERSON, KY 42420  
 MONTH ENDING 6/30/16

TO KENERGY CORP		ACCOUNT [REDACTED]				
SUBSTATION [REDACTED]		SERVICE FROM 6/01/16 THRU 6/30/16				
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		12:30P	6/22	4.40700	1000	4,407
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		90.00%	80.00%		PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		36766.200	38579.150	1812.950	1000	1,812,950
ACTUAL DEMAND		4,407 KW TIMES	\$10.7150000	EQUALS\$		47,221.01
P/F PENALTY		551 KW TIMES	\$10.7150000	EQUALS\$		5,903.97
				SUB-TOTAL	\$	53,124.98
ENERGY		1,812,950 KWH	AT	\$ .0380500	EQUALS\$	68,982.75
				SUB-TOTAL	\$	68,982.75
				DEMAND AND ENERGY	\$	122,107.73
FUEL ADJUSTMENT CLAUSE		1,812,950 KWH	AT	\$ .0006360-	EQUALS\$	1,153.04-
NON-SMELTER NON-FAC PPA		1,812,950 KWH	AT	\$ .0010090	EQUALS\$	1,829.27
ENVIRONMENTAL SURCHARGE		\$116,879.99	TAR AT	8.2327570 %	EQUALS\$	9,622.45
MRSM ADJUSTMENT						.00
MRSM - BASE RATE CREDIT						.00
MRSM - TRANSMISSION LARGE INDUSTRIAL ADJUSTMENT						1,797.06-
MRSM - TRANSMISSION LARGE INDUSTRIAL BASE RATE CREDIT						.00
REF - BUSINESS ADJUSTMENT						.00
RER - BUSINESS BASE RATE CREDIT						.00
				TOTAL AMOUNT DUE	\$	130,609.35

---LOAD FACTOR---  
 ACTUAL      BILLED  
 57.14%      57.14%

MILLS PER KWH  
 72.04

DUE IN  
 IMMEDIATELY AVAILABLE FUNDS  
 ON THIS DATE  
 7/25/16

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

1 **Item 5)** *Provide complete copies of Big Rivers' invoices to each Member*  
2 *Cooperative for all months in the current review period.*

3

4 **Response)** Please see the attached, redacted copies of Big Rivers' invoices to its  
5 Member Cooperatives for all months in the current six-month review period. Un-  
6 redacted copies of these invoices are being filed with a Petition for Confidential  
7 Treatment.

8

9

10 **Witness)** Donna M. Windhaus

11

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

- 1 **Item 6)** *This question is addressed to Big Rivers. Refer to the monthly*  
2 *environmental surcharge reports for the expense months June 2015 through*  
3 *May 2016 and the Member Cooperatives' responses to Commission Staffs*  
4 *First Request for Information ("Staffs First Request"), in this case, and the*  
5 *Member Cooperatives' responses to Staff's First Request in Case No. 2016-*  
6 *00124,<sup>4</sup> Item 2. Provide the reconciliation and all supporting calculations*  
7 *and documentation in Excel spreadsheet format with all cells and formulas*  
8 *intact and unprotected.*  
9  
10 **a.** *Provide a reconciliation of the amounts provided in Big Rivers'*  
11 *monthly environmental surcharge reports, Form 1.10, Line 11,*  
12 *and the amounts reported by the Member Cooperatives in their*  
13 *responses to Staff's First Request, Item 2, in the column labelled*  
14 *"Big Rivers' Invoice ES Amount for the Service Month."*  
15 **b.** *Provide a reconciliation between the amounts provided in Big*  
16 *Rivers' monthly environmental surcharge reports, Form 3.0,*  
17 *Column 5, and the total of the amounts reported by the Member*  
18 *Cooperatives in their responses to Staff's First Request, Item 2,*

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<sup>4</sup> Case No. 2016-00124, *An Examination by the Public Service Commission of the Environmental Surcharge Mechanism of Big Rivers Electric Cooperation for the Six-Month Billing Period Ending January 31, 2016 and the Pass Through Mechanism of Its Three Member Distribution Cooperatives* (Ky. PSC Sept. 27, 2016)

**BIG RIVERS ELECTRIC CORPORATION**  
**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION**  
**OF THE ENVIRONMENTAL SURCHARGE MECHANISM**  
**OF BIG RIVERS ELECTRIC CORPORATION**  
**FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016**  
**AND THE PASS THROUGH MECHANISM**  
**OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES**  
**CASE NO. 2016-00368**

**Response to Commission Staff's**  
**First Request for Information**  
**dated November 15, 2016**

**December 12, 2016**

1                    *in the column labelled "Big Rivers' Invoice ES Amount for the*  
2                    *Service Month."*

3  
4 **Response)**

5            a.    Please see the attachment to this response for a reconciliation of the  
6                    amounts provided in Big Rivers' monthly environmental surcharge  
7                    reports, Form 1.10, Line 11, and the amounts reported by the Member  
8                    Cooperatives in the Attachments for the response to Staff's First  
9                    Request, Item 2, in the column labelled "Big Rivers' Invoice ES  
10                    Amount for the Service Month."

11           b.    Please see the attachment to this response for a reconciliation between  
12                    the amounts provided in Big Rivers' monthly environmental surcharge  
13                    reports, Form 3.00, Column 5, and the total of the amounts reported  
14                    by the Member Cooperatives in the attachment for Big Rivers'  
15                    response to Staff's First Request, Item 2, in the column labelled "Big  
16                    Rivers' Invoice ES Amount for the Service Month."

17  
18                    The reconciliations for both a) and b) are provided in Excel spreadsheet  
19                    format with all cells and formulas intact and unprotected on the CD accompanying  
20                    these responses.

21  
22 **Witness)**    Nicholas R. Castlen

**Big Rivers Electric Corporation**  
**Case No. 2016-00368**

Big Rivers' Invoice ES Amounts for Service Months (per Attachments to Responses for Staff's First Request, Item 2., in Case Nos. 2016-00124 and 2016-00368)								Amounts per Big Rivers' Monthly ES Filings			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
Big Rivers' Expense Mo.	Big Rivers' Service Mo.	JPEC Non-Dedicated	Kenergy Non-Dedicated	MCRECC Non-Dedicated	JPEC Dedicated	Kenergy Dedicated	Big Rivers' Total Invoice ES Amounts (Per Item 2) [Sum of (c) through (g)]	Big Rivers' Subtotal E(m) ES Form 1.10, Line 11. (Current Expense Mo.)	Big Rivers' Over/(Under) Recovery ES Form 1.10, Line 10. (Second Following Expense Mo.) <sup>(1)</sup>	E(m) for Current Expense Mo. Plus Related Over/(Under) Recovery [(i) + (j)]	Difference [(h) - (k)]
Jun-15	Jul-15	\$ 255,351	\$ 437,556	\$ 158,428	\$ 2,354	\$ 227,719	\$ 1,081,408	\$ 986,433	\$ 94,975	\$ 1,081,408	\$ -
Jul-15	Aug-15	\$ 281,155	\$ 488,735	\$ 174,084	\$ 2,454	\$ 280,924	\$ 1,227,352	\$ 1,184,674	\$ 42,678	\$ 1,227,352	\$ -
Aug-15	Sep-15	\$ 204,337	\$ 369,160	\$ 130,640	\$ 1,661	\$ 221,313	\$ 927,111	\$ 947,223	\$ (20,112)	\$ 927,111	\$ -
Sep-15	Oct-15	\$ 154,650	\$ 288,917	\$ 104,292	\$ 1,620	\$ 255,325	\$ 804,804	\$ 918,785	\$ (113,981)	\$ 804,804	\$ -
Oct-15	Nov-15	\$ 135,154	\$ 247,234	\$ 103,873	\$ 1,681	\$ 190,573	\$ 678,515	\$ 759,837	\$ (81,322)	\$ 678,515	\$ -
Nov-15	Dec-15	\$ 221,203	\$ 399,366	\$ 169,349	\$ 2,134	\$ 281,279	\$ 1,073,331	\$ 1,101,073	\$ (27,742)	\$ 1,073,331	\$ -
Dec-15	Jan-16	\$ 313,021	\$ 576,130	\$ 261,391	\$ 2,207	\$ 326,366	\$ 1,479,115	\$ 1,215,694	\$ 263,421	\$ 1,479,115	\$ -
Jan-16	Feb-16	\$ 253,821	\$ 467,310	\$ 199,293	\$ 2,272	\$ 293,358	\$ 1,216,054	\$ 1,139,731	\$ 76,323	\$ 1,216,054	\$ -
Feb-16	Mar-16	\$ 173,512	\$ 322,169	\$ 131,377	\$ 1,874	\$ 258,890	\$ 887,822	\$ 974,623	\$ (86,801)	\$ 887,822	\$ -
Mar-16	Apr-16	\$ 205,495	\$ 361,000	\$ 137,205	\$ 2,638	\$ 314,704	\$ 1,021,042	\$ 1,208,632	\$ (187,590)	\$ 1,021,042	\$ -
Apr-16	May-16	\$ 264,612	\$ 470,408	\$ 171,692	\$ 5,104	\$ 351,371	\$ 1,263,187	\$ 1,402,078	\$ (138,891)	\$ 1,263,187	\$ -
May-16	Jun-16	\$ 363,164	\$ 623,691	\$ 221,938	\$ 3,384	\$ 354,669	\$ 1,566,846	\$ 1,396,540	\$ 170,306	\$ 1,566,846	\$ -

<sup>(1)</sup> Big Rivers' monthly ES over/(under) recovery is included in its ES filing for the second following expense month. For example, Big Rivers' total recoverable environmental compliance expenses (E(m)) for the June 2015 expense month (reported on ES Form 1.10, Line 11. of Big Rivers' ES filing for the June 2015 expense month) were \$986,433. The ES factor of 5.679481% for the June 2015 expense month was applied to Members' bills for July 2015 service and resulted in total ES revenues of \$1,081,408 being billed by Big Rivers in August 2015. The over/(under) recovery of Big Rivers' June 2015 E(m) was \$94,975 (calculated based on Big Rivers' July 2015 ES revenues of \$1,081,408 (billed by Big Rivers in August 2015) minus the Big Rivers' June 2015 E(m) of \$947,223). The \$94,975 over recovery for of Big Rivers' June 2015 E(m) was included in Big Rivers' ES filing for the August 2015 expense month on Form 1.10, Line 10.

**Big Rivers Electric Corporation  
Case No. 2016-00368**

**Big Rivers' Invoice ES Amounts for the Service Month**  
(per the Attachments to Big Rivers' Responses for Staff's First Request, Item 2., in Case Nos. 2016-00124 and 2016-00368)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Big Rivers' Expense Mo.	Big Rivers' Service Mo.	JPEC Non-Dedicated	Kenergy Non-Dedicated	MCRECC Non-Dedicated	JPEC Dedicated	Kenergy Dedicated	Big Rivers' Total Invoice ES Amounts (Per Item 2) [Sum of (c) through (g)]	Big Rivers' Environmental Surcharge Revenues per Monthly ES Filings <sup>(1)</sup>	Difference [(h) - (i)]
Jun-15	Jul-15	\$ 255,351	\$ 437,556	\$ 158,428	\$ 2,354	\$ 227,719	\$ 1,081,408	\$ 1,081,408	\$ -
Jul-15	Aug-15	\$ 281,155	\$ 488,735	\$ 174,084	\$ 2,454	\$ 280,924	\$ 1,227,352	\$ 1,227,352	\$ -
Aug-15	Sep-15	\$ 204,337	\$ 369,160	\$ 130,640	\$ 1,661	\$ 221,313	\$ 927,111	\$ 927,111	\$ -
Sep-15	Oct-15	\$ 154,650	\$ 288,917	\$ 104,292	\$ 1,620	\$ 255,325	\$ 804,804	\$ 804,804	\$ -
Oct-15	Nov-15	\$ 135,154	\$ 247,234	\$ 103,873	\$ 1,681	\$ 190,573	\$ 678,515	\$ 678,515	\$ -
Nov-15	Dec-15	\$ 221,203	\$ 399,366	\$ 169,349	\$ 2,134	\$ 281,279	\$ 1,073,331	\$ 1,073,331	\$ -
Dec-15	Jan-16	\$ 313,021	\$ 576,130	\$ 261,391	\$ 2,207	\$ 326,366	\$ 1,479,115	\$ 1,479,115	\$ -
Jan-16	Feb-16	\$ 253,821	\$ 467,310	\$ 199,293	\$ 2,272	\$ 293,358	\$ 1,216,054	\$ 1,216,054	\$ -
Feb-16	Mar-16	\$ 173,512	\$ 322,169	\$ 131,377	\$ 1,874	\$ 258,890	\$ 887,822	\$ 887,822	\$ -
Mar-16	Apr-16	\$ 205,495	\$ 361,000	\$ 137,205	\$ 2,638	\$ 314,704	\$ 1,021,042	\$ 1,021,042	\$ -
Apr-16	May-16	\$ 264,612	\$ 470,408	\$ 171,692	\$ 5,104	\$ 351,371	\$ 1,263,187	\$ 1,263,187	\$ -
May-16	Jun-16	\$ 363,164	\$ 623,691	\$ 221,938	\$ 3,384	\$ 354,669	\$ 1,566,846	\$ 1,566,846	\$ -

<sup>(1)</sup> Big Rivers' monthly Environmental Surcharge revenues for service delivered July 2015 through June 2016 are reported on Form 3.00, Column (5), of Big Rivers' ES filing for the June 2016 expense month.



**BIG RIVERS ELECTRIC CORPORATION**  
**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION**  
**OF THE ENVIRONMENTAL SURCHARGE MECHANISM**  
**OF BIG RIVERS ELECTRIC CORPORATION**  
**FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016**  
**AND THE PASS THROUGH MECHANISM**  
**OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES**  
**CASE NO. 2016-00368**

**Response to Commission Staff's**  
**First Request for Information**  
**dated November 15, 2016**

**December 12, 2016**

- 1 **Item 7)     *This question is addressed to the Member Cooperatives. Refer***  
2 ***to your response to Staff's First Request, Item 2.***  
3  
4         ***a. Explain how the amounts recorded in the column labelled "Big***  
5 ***Rivers Invoice ES Amount for Service Month" correspond with***  
6 ***Big Rivers' expense month. For example, Big Rivers' monthly***  
7 ***report for May 2016 indicates that the May 2016 expense month***  
8 ***would be billed beginning July 2016 for service rendered in***  
9 ***June 2016. Explain in which month the Member Cooperative***  
10 ***would reflect its portion of the May 2016 expense billed by Big***  
11 ***Rivers.***  
12         ***b. Explain whether the amounts reported in this column reflect***  
13 ***only the actual amount billed by Big Rivers, or if the amount***  
14 ***does or can include adjustments to the billed amount. Explain***  
15 ***the adjustments that may be included, if any.***  
16         ***c. Refer to the column labelled "ES Amount Billed to [Member***  
17 ***Cooperative's name] Customers (Line 11 per Filing)." Confirm***  
18 ***that these amounts are the actual environmental surcharge***  
19 ***amounts billed and not environmental surcharge amounts***  
20 ***actually collected from retail customers.***  
21

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

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**Response)**

a. Big Rivers' ES factor, calculated for a given expense month, is applied to its Members' invoices for service delivered during the following month, which is billed by Big Rivers during the month following the service month (i.e. the second month after Big Rivers' related expense month). For example, Big Rivers' ES factor calculated for the May 2016 expense month (8.232757%), was applied to Member Cooperatives' invoices for service delivered during June 2016, which was billed by Big Rivers in July 2016.

The following amounts (reported in the column labelled "Big Rivers Invoice ES Amount for the Service Month", for Big Rivers' June 2016 service month, in the attachment for Big Rivers' response to Item 2, are the ES amounts that were billed to the Member Cooperatives by Big Rivers in July 2016 (based on Big Rivers' ES factor for the May 2016 expense month of 8.232757% applied to Member Cooperatives' June 2016 service).

**BIG RIVERS ELECTRIC CORPORATION**  
**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION**  
**OF THE ENVIRONMENTAL SURCHARGE MECHANISM**  
**OF BIG RIVERS ELECTRIC CORPORATION**  
**FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016**  
**AND THE PASS THROUGH MECHANISM**  
**OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES**  
**CASE NO. 2016-00368**

**Response to Commission Staff's**  
**First Request for Information**  
**dated November 15, 2016**

**December 12, 2016**

<b>JPEC<sup>a</sup></b> <b>Non-Dedicated</b>	<b>Kenergy<sup>b</sup></b> <b>Non-Dedicated</b>	<b>MCRECC<sup>c</sup></b> <b>Non-Dedicated</b>	<b>JPEC<sup>a</sup></b> <b>Dedicated</b>	<b>Kenergy<sup>b</sup></b> <b>Dedicated</b>
\$363,164.24	\$623,690.37	\$221,938.05	\$3,383.89	\$354,669.33

For non-dedicated delivery point customers, the Member Cooperatives bill the ES charges on a one-month lag from when they are billed by Big Rivers. For example, the ES amounts billed to the Member Cooperatives by Big Rivers in July 2016 for non-dedicated delivery points (shown in the table above) were used to calculate the Member Cooperatives' ES billing factors which were applied to retail customer bills rendered during August 2016.

For dedicated delivery point customers, the Member Cooperatives bill the ES amounts directly to those customers during the same month the amounts are billed to them by Big Rivers. For example, the ES amounts billed to the Member Cooperatives by Big Rivers in July 2016 for dedicated delivery points (shown in the table above) were billed to the respective retail customers in July 2016 by the Member Cooperatives.

<sup>a</sup> JPEC = Jackson Purchase Energy Corporation.

<sup>b</sup> Kenergy = Kenergy Corp.

<sup>c</sup> MCRECC = Meade County Rural Electric Cooperative Corporation.

**BIG RIVERS ELECTRIC CORPORATION**

**AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION  
OF THE ENVIRONMENTAL SURCHARGE MECHANISM  
OF BIG RIVERS ELECTRIC CORPORATION  
FOR THE SIX-MONTH BILLING PERIOD ENDING JULY 31, 2016  
AND THE PASS THROUGH MECHANISM  
OF ITS THREE MEMBER DISTRIBUTION COOPERATIVES  
CASE NO. 2016-00368**

**Response to Commission Staff's  
First Request for Information  
dated November 15, 2016**

**December 12, 2016**

- 1           b.    The amounts reported in the attachments for Big Rivers' response to  
2            Item 2, in the column labelled "Big Rivers' Invoice ES Amount for the  
3            Service Month" reflect only the actual environmental surcharge  
4            amounts billed by Big Rivers.  
5           c.    The amounts reported in the attachments for Big Rivers' response to  
6            Item 2, in the column labelled "ES Amount Billed to [Member  
7            Cooperative's name] Customers (Line 11 per Filing)" are the actual  
8            environmental surcharge amounts billed by the Member Cooperatives  
9            to their respective retail customers.  
10  
11  
12 **Witness)**    Nicholas R. Castlen  
13