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JAN 1 5 2013 PUBLIC SERVICE COMMISSION

Your Touchstone Energy® Cooperative

## COMMONWEALTH OF KENTUCKY

## BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

APPLICATION OF BIG RIVERS)ELECTRIC CORPORATION FOR A)GENERAL ADJUSTMENT IN RATES)

Case No. 2012-00535

VOLUME 4 of 5

APPLICATION TABS 39 through 62

FILED: January 15, 2013





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## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

2	<b>Tab No. 39</b>
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(9)(p)
5	Sponsoring Witness: Billie J. Richert
6	
7	
8	Description of Filing Requirement:
9	The Securities and Exchange Commission's annual report for the most
10	recent two (2) years, Form 10-Ks and any Form 8-Ks issued during the
11	prior two (2) years and any Form 10-Qs issued during the past six (6)
12	quarters;
13	Response:
14	Big Rivers does not file annual reports, Form 10-Ks, Form 8-Ks, or Form

15 10-Qs with the Securities and Exchange Commission.

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## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements

(Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1

2	Tab No. 40
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(9)(q)
5	Sponsoring Witness: Billie J. Richert
6	
7	
8	Description of Filing Requirement:
9	The independent auditor's annual opinion report, with any written
10	communication from the independent auditor to the utility which indicates
11	the existence of a material weakness in the utility's internal controls.
12	<u>Response</u> :
13	Big Rivers' independent auditor's annual opinion reports for 2011 are
14	attached hereto. Big Rivers has not received any written communication
15	from its independent auditor indicating the existence of a material
16	weakness in the utility's internal controls.

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## **BIG RIVERS ELECTRIC CORPORATION**

Management Letter

December 31, 2011 and 2010

Case No. 2012-00535 Tab 40 Attachment – 807 KAR 5:001, Section 19(9)(q) Sponsoring Witness: Billie J. Richert Page 1 of 33



KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

March 26, 2012

The Board of Directors of Big Rivers Electric Corporation:

We have audited the financial statements of Big Rivers Electric Corporation ("Big Rivers") as of and for the years ended December 31, 2011 and 2010, and have issued our report thereon dated March 26, 2012. We conducted our audits in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and §7 CFR 1773, *Policy on Audits of Rural Utilities Services (RUS) Borrowers*. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

In planning and performing our audits, we considered Big Rivers' internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing an opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Big Rivers' internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of Big Rivers' internal controls over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the second paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

§7 CFR 1773.33 requires comments on specific aspects of the internal control over financial reporting compliance with specific RUS loan and security instrument provisions, and other additional matters. We have grouped our comments accordingly. In addition to obtaining reasonable assurance about whether the financial statements are free from material misstatements, at your request, we performed tests of specific aspects of the internal control over financial reporting, of compliance with specific RUS loan and security instrument provisions, and of additional matters. The specific aspects of internal control over financial reporting, compliance with specific RUS loan and security instrument provisions, and of additional matters. The specific aspects of internal control over financial reporting, compliance with specific RUS loan and security instrument provisions, and additional matters tested include, among other things, the accounting procedures and records, materials control, compliance with specific RUS loan and security provisions set forth in §7 CFR 1773.33(e)(1), related-party transactions, depreciation rates, a schedule of deferred debits and credits, and a schedule of investments, upon which we express an opinion. In addition, our audit of the financial statements also included the procedures specified in §7 CFR 1773.38 – 1773.45. Our objective was not to provide an opinion on these specific aspects of the internal control over financial reporting, compliance with specific RUS loan and security instrument provisions, or additional matters, and accordingly, we express no opinion thereon.



No reports (other than our independent auditors' report and our independent auditors' report on internal control over financial reporting and on compliance and other matters, both dated March 26, 2012) have been furnished to management. Our comments on specific aspects of the internal control over financial reporting, compliance with specific RUS loan and security instrument provisions, and other additional matters as required by §7 CFR 1773.33 are presented below.

#### Comments on Certain Specific Aspects of the Internal Control over Financial Reporting

We noted no matters regarding Big Rivers' internal control over financial reporting and its operation that we consider to be a material weakness as previously defined with respect to:

- The accounting procedures and records;
- The process for accumulating and recording labor, material, and overhead costs and the distribution of these costs to construction, retirement, and maintenance and other expense accounts; and
- The materials control.

#### Comments on Compliance with Specific RUS Loan and Security Investment Provisions

At your request, we have performed certain procedures with respect to compliance with certain provisions of laws, regulations, contracts, and grant agreements. The procedures we performed are summarized as follows:

- Procedures performed with respect to the requirement for a borrower to obtain written approval of the mortgagee to enter into any contract for the operation or maintenance of property, or for the use of mortgaged property by others, for the year ended December 31, 2011 and 2010:
  - 1. Big Rivers did not enter into any new contracts during the year for the operation or maintenance of its property, or for the use of its property by others, as defined in §7 CFR 1773.33(e)(1)(i).
  - 2. Reviewed board of directors' minutes to ascertain whether board-approved written contracts were entered into during the respective year for the operation or maintenance of its property, or for the use of its property by others, as defined in §7 CFR 1773.33(e)(1)(i). No board-approved contracts were noted during our review.
  - 3. No written contracts were entered into during the year requiring RUS approval.
- Procedure performed with respect to the requirement to submit RUS Financial and Operating Report Electric Power Supply Part A Financial to the RUS:
  - 1. Agreed amounts reported in Part A to Big Rivers' records.

The results of our tests indicate that, with respect to the items tested, Big Rivers complied, in all material respects, with the specific RUS loan and security instrument provisions referred to below. The specific provisions tested, as well as any exceptions noted, include the requirements that:

• The borrower did not enter into any contract for the operation or maintenance of property, or for the use of mortgaged property by others. As no written contracts specified by §7 CFR 1773.33(e)(1)(i) have been entered into during the year, Big Rivers has not obtained written approval of the RUS to enter into any contract for the operation or maintenance of property, or for the use of mortgaged property by others.

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• The borrower has submitted its Part A to the RUS and the Part A, Financial and Statistical Report, as of December 31, 2011 and 2010, represented by the borrower as the report submitted to RUS, is in agreement with Big Rivers' audited records in all material respects and it appears reasonable based upon the audit procedures performed.

#### **Comments on Other Additional Matters**

In connection with our audit of the financial statements of Big Rivers, nothing came to our attention that caused us to believe that Big Rivers failed to comply with respect to:

- The reconciliation of continuing property records to the controlling general ledger plant accounts addressed at §7 CFR 1773.3(c)(1);
- The clearing of the construction accounts and the accrual of depreciation on completed construction addressed at §7 CFR 1773.33(c)(2);
- The retirement of plant addressed at §7 CFR 1773.33(c)(3) and (4);
- Approval of the sale, lease, or transfer of capital assets and disposition of proceeds for the sale or lease of plant, material or scrap addressed at §7 CFR 1773.33(c)(5);
- The disclosure of material related-party transactions in accordance with Statement of Financial Accounting Standards No. 57, *Related-Party Transactions (ASC 850)*, for the year ended December 31, 2011, in the financial statements referenced in the first paragraph of this report addressed at §7 CFR 1773.33(f);
- The depreciation rates addressed at §7 CFR 1773.3(g);
- The detailed schedule of deferred debits and deferred credits; and
- The detailed schedule of investments.

Our audits were made for the purpose of forming an opinion on the basic financial statements taken as a whole. The detailed schedule of deferred debits and deferred credits required by §7 CFR 1773.33(h), and the detailed schedule of investments required by §7 CFR 1773.33(i) attached hereto are presented for purposes of additional analysis and are not a required part of the basic financial statements. This information is the responsibility of Big Rivers' management. This information has been subjected to the auditing procedures applied in our audit of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

This report is intended solely for the information and use of the board of directors, management, and the RUS and supplemental lenders, and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

KPMG LLP

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### **BIG RIVERS ELECTRIC CORPORATION**

## DETAILED SCHEDULE OF DEFERRED DEBITS AND CREDITS AS OF DECEMBER 31, 2011

DEFERRED DEBITS: Prelim survey & investigation and other deferred charges		1,870,225
RUS Part A, Section B, Line 30		1,870,225
Financing Fees		2,373,538
DEFERRED CHARGES AND OTHER		4,243,763
DEFERRED CREDITS: Regulatory liabilities - Member Rate Mitigation		169,001,017
RUS Part A, Section B, Line 59		169,001,017
Provision for pension and postretirement benefits Other liabilities		22,098,787
TOTAL DEFERRED CREDITS AND OTHER		191,099,804

NOTE: Big Rivers has not received written approval from RUS to record the items on the above schedule. Management does not believe written approval from RUS is required for these items.



## **BIG RIVERS ELECTRIC CORPORATION**

### DETAILED SCHEDULE OF INVESTMENTS AS OF DECEMBER 31, 2011

Investments in associated organizations	\$ 4,333,296
Investment in economic development projects	 10,000
RUS Part A, Section B, Lines 7-11	\$ 4,343,296

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KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

#### **Independent Auditors' Report**

The Board of Directors and Members Big Rivers Electric Corporation:

We have audited the accompanying balance sheets of Big Rivers Electric Corporation (the Company) as of December 31, 2011 and 2010, and the related statements of operations, equities, and cash flows for the years then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits. The accompanying financial statements of the Company for the year ended December 31, 2009 were audited by other auditors whose report thereon dated March 26, 2010, expressed an unqualified opinion on those statements.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Big Rivers Electric Corporation as of December 31, 2011 and 2010, and the results of its operations and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued a report dated March 26, 2012, on our consideration of Big Rivers Electric Corporation's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be read in conjunction with this report in considering the results of our audits.



March 26, 2012



## **BIG RIVERS ELECTRIC CORPORATION**

Independent Auditors' Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* 

December 31, 2011

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KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* 

The Board of Directors of Big Rivers Electric Corporation:

We have audited the balance sheets of Big Rivers Electric Corporation ("Big Rivers") as of December 31, 2011 and 2010 and the related statements of operations, equities (deficit), and cash flows for the year then ended and have issued our report thereon dated March 26, 2012.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement.

#### **Internal Control over Financial Reporting**

The management of Big Rivers is responsible for establishing and maintaining effective internal control. In planning and performing our fiscal year 2011 audit, we considered Big Rivers' internal control over financial reporting by obtaining an understanding of Big Rivers' internal control, determining whether internal controls had been placed in operation, assessing control risk, and performing tests of controls as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Big Rivers' internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of Big Rivers' internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the third paragraph of this report and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. In our fiscal year 2011 audit, we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.



#### **Compliance and Other Matters**

The management of Big Rivers is responsible for complying with laws, regulations, contracts, and grant agreements applicable to Big Rivers. As part of obtaining reasonable assurance about whether Big Rivers' financial statements are free of material misstatement, we performed tests of Big Rivers' compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of the financial statement amounts. We limited our tests of compliance to the provisions described in the preceding sentence, and we did not test compliance with all laws, regulations, contracts, and grant agreements applicable to Big Rivers. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion.

The results of our other tests of compliance disclosed no instances of noncompliance or other matters that are required to be reported herein under *Government Auditing Standards*.

This report is intended solely for the information and use of the board of directors, members, and management of Big Rivers, the U.S. Department of Agriculture Rural Utilities Service, and supplemental lenders and is not intended to be, and should not be used by anyone other than these specified parties.



March 26, 2012



KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

March 26, 2012

The Board of Directors of Big Rivers Electric Corporation Henderson, Kentucky

Gentlemen:

We have audited the financial statements of Big Rivers Electric Corporation ("Big Rivers") as of and for the years ended December 31, 2011 and 2010, and have issued our report thereon under date of March 26, 2012. Under our professional standards, we are providing you with the accompanying information related to the conduct of our audit.

#### **Our Responsibility Under Professional Standards**

We are responsible for forming and expressing an opinion about whether the financial statements, that have been prepared by management with the oversight of the Board of Directors, are presented fairly, in all material respects, in conformity with U.S. generally accepted accounting principles. We have a responsibility to perform our audit of the financial statements in accordance with professional standards. In carrying out this responsibility, we planned and performed the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether caused by error or fraud. Because of the nature of audit evidence and the characteristics of fraud, we are to obtain reasonable, not absolute, assurance that material misstatements are detected. We have no responsibility to plan and perform the audit to obtain reasonable assurance that misstatements, whether caused by error or fraud, that are not material to the financial statements are detected. Our audit does not relieve management or the Board of Directors of their responsibilities.

In addition, in planning and performing our audit of the financial statements, we considered internal control over financial reporting (internal control) as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we do not express an opinion on the effectiveness of the Company's internal control.

We also have a responsibility to communicate significant matters related to the financial statement audit that are, in our professional judgment, relevant to the responsibilities of the Board of Directors in overseeing the financial reporting process. We are not required to design procedures for the purpose of identifying other matters to communicate to you.



The Board of Directors Big Rivers Electric Corporation Page 2 of 3

#### Other Information in Audited Financial Statements

Our responsibility for other information in documents containing the Company's financial statements and our auditors' report thereon does not extend beyond the financial information identified in our auditors' report, and we have no obligation to perform any procedures to corroborate other information contained in these documents.

#### Significant Accounting Policies

The significant accounting policies used by the Company are described in Note 1 to the financial statements.

#### Qualitative Aspects of Accounting Practices

We have discussed with the Board of Directors and management our judgments about the quality, not just the acceptability, of the Company's accounting principles as applied in its financial reporting. The discussions generally included such matters as the consistency of the Company's accounting policies and their application, and the understandability and completeness of the Company's financial statements, which include related disclosures.

#### **Management Judgments and Accounting Estimates**

The preparation of the financial statements requires management of the Company to make a number of estimates and assumptions relating to the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Accounting estimates in the Company's financial statements include the following:

- Useful lives of property, plant, and equipment
- Postretirement benefit expense and obligation assumptions, including healthcare costs and discount rate used to determine the present value of the postretirement obligation. Management uses third-party actuaries to assist with this estimate.

#### Uncorrected and Corrected Misstatements

In connection with our audit of the Company's financial statements, we did not identify any financial statement misstatements in the Company's books and records as of and for the year ended December 31, 2011.

#### **Disagreements with Management**

There were no disagreements with management on financial accounting, and reporting matters that, if not satisfactorily resolved, would have caused a modification of our auditors' report on the Company's financial statements.



The Board of Directors Big Rivers Electric Corporation Page 3 of 3

#### **Material Written Communications**

Attached to this letter please find copies of the following material written communications between management and us:

- 1. Engagement letter;
- 2. Management representation letter; and
- 3. 2011 System Peer Review Report

#### Independence

Our professional standards and other regulatory requirements specify that we communicate to you in writing, at least annually, all relationships between our firm and the Company and persons in a financial reporting oversight role at the Company and provide confirmation that we are independent accountants with respect to the Company.

We hereby confirm that as of March 26, 2012, we are independent accountants with respect to the Company under all other relevant professional and regulatory standards.

\* \* \* \* \* \* \*

This letter to the Board of Directors is intended solely for the information and use of the Board of Directors and management and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,



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L. M. MITE D. Windhaus



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 Telephone
 +1 267 256 7000

 Fax
 +1 267 256 7200

 Internet
 www.us.kpmg.com

September 29, 2010

Big Rivers Electric Corporation 201 Third Street Henderson, Kentucky 42419-0024

Attention: William Denton, Chairman of the Board

This letter (the Engagement Letter) confirms our understanding of our engagement to provide professional services to Big Rivers Electric Corporation (the Company).

#### **Objectives and Limitations of Services**

#### Audit Services

We will issue written reports upon our audit of the Company's financial statements as set forth in Appendix I.

We have the responsibility to conduct and will conduct the audit of the financial statements in accordance with auditing standards generally accepted in the United States of America and the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, with the objective of expressing an opinion as to whether the presentation of the financial statements, taken as a whole, that have been prepared by management with the oversight of those charged with governance, conforms with U.S. generally accepted accounting principles.

In conducting the audit, we will perform tests of the accounting records and such other procedures, as we consider necessary in the circumstances, to provide a reasonable basis for our opinion on the financial statements. We also will assess the accounting principles used and significant estimates made by management, and evaluate the overall financial statement presentation.

Our audit of the financial statements is planned and performed to obtain reasonable, but not absolute, assurance about whether the financial statements are free of material misstatement, whether caused by error or fraud. Absolute assurance is not attainable because of the nature of audit evidence and the characteristics of fraud. Therefore, there is a risk that material errors, fraud (including fraud that may be an illegal act), and other illegal acts may exist and not be detected by an audit of financial statements performed in accordance with the auditing standards generally accepted in the United States of America. Also, an audit is not designed to detect matters that are immaterial to the financial statements, and because the determination of abuse is subjective, *Government Auditing Standards* does not expect auditors to provide reasonable assurance of detecting abuse.

Our reports will be addressed to the board of directors of the Company. We cannot provide assurance that an unqualified opinion will be rendered. Circumstances may arise in which it is necessary for us to modify our reports or withdraw from the engagement.



While our report may be sent to the Company electronically for your convenience, only the hard copy report is to be relied upon as our work product.

#### Internal Control over Financial Reporting and Compliance and Other Matters

In planning and performing our audit of the financial statements, we will consider the Company's internal control over financial reporting as a basis for designing our audit procedures for the purpose of expressing an opinion on the financial statements and not to provide an opinion on the effectiveness of the Company's internal control over financial reporting. In accordance with *Government Auditing Standards*, we are required to communicate that the limited purpose of our consideration of internal control may not meet the needs of some users who require additional information about internal control. We can provide other services to provide you with additional information on internal control which we would be happy to discuss with you at your convenience.

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of the Company's compliance with certain provisions of laws, regulations, contracts and grant agreements, violations of which could have a direct and material effect on the financial statements. However, our objective is not to provide an opinion on compliance with such provisions.

In accordance with Government Auditing Standards, we will prepare a written report, Report on Internal Control Over Financial Reporting and Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With Government Auditing Standards (GAGAS report), on our consideration of internal control over financial reporting and tests of compliance made as part of our audit of the financial statements. While the objective of our audit of the financial statements is not to report on the Company's internal control over financial reporting and we are not obligated to search for material weaknesses or significant deficiencies as part of our audit of the financial statements, this report will include any material weaknesses and significant deficiencies to the extent they come to our attention. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the financial statements will not be prevented or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. This report will also include illegal acts and fraud, unless clearly inconsequential, and material violations of provisions of contracts and grant agreements and abuse. It will indicate that it is intended solely for the information and use of the board of directors and management of the Company and federal awarding agencies and pass-through entities and that it is not intended to be and should not be used by anyone other than these specified parties.

In accordance with *Government Auditing Standards*, we will also issue a management letter to communicate violations of provisions of contracts or grant agreements or abuse that have an effect on the financial statements that is less than material but more than inconsequential that come to our attention.

In accordance with *Government Auditing Standards*, we are also required in certain circumstances to report fraud or illegal acts directly to parties outside the auditee.

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#### **Offering Documents**

Should the Company wish to include or incorporate by reference these financial statements and our audit report(s) thereon into an offering of exempt securities, prior to our consenting to include or incorporate by reference our report(s) on such financial statements, we would consider our consent to the inclusion of our report and the terms thereof at that time. We will be required to perform procedures as required by the standards of the American Institute of Certified Public Accountants, including, but not limited to, reading other information incorporated by reference in the offering document and performing subsequent event procedures. Our reading of the other information included or incorporated by reference in the offering document will consider whether such information, or the manner of its presentation, is materially inconsistent with information, or the manner of its presentation (including forward-looking statements). The specific terms of our future services with respect to future offering documents will be determined at the time the services are to be performed.

Should the Company wish to include or incorporate by reference these financial statements and our audit report(s) thereon into an offering of exempt securities without obtaining our consent to include or incorporate by reference our report(s) on such financial statements, and we are not otherwise associated with the offering document, then the Company agrees to include the following language in the offering document:

"KPMG LLP, our independent auditor, has not been engaged to perform and has not performed, since the date of its report included herein, any procedures on the financial statements addressed in that report. KPMG LLP also has not performed any procedures relating to this official statement."

#### Our Responsibility to Communicate with the Board of Directors

We will report to the board of directors, in writing, the following matters:

- Corrected misstatements arising from the audit that could, in our judgment, either individually or in aggregate, have a significant effect on the Company's financial reporting process. In this context, corrected misstatements are proposed corrections of the financial statements that were recorded by management and, in our judgment, may not have been detected except through the auditing procedures performed.
- Uncorrected misstatements aggregated during the current engagement and pertaining to the latest period presented that were determined by management to be immaterial, both individually and in aggregate.
- Any disagreements with management or other significant difficulties encountered in performance of our audit.
- Other matters required to be communicated by auditing standards generally accepted in the United States of America.

We will also read minutes, if any, of the board directors meetings for consistency with our understanding of the communications made to the board of directors and determine that the board of directors has received copies of all material written communications between ourselves and management. We will also determine that the board of directors has been informed of i) the initial selection of, or the reasons for any change in,



significant accounting policies or their application during the period under audit, ii) the methods used by management to account for significant unusual transactions, and iii) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

If, in performance of our audit procedures, circumstances arise which make it necessary to modify our report or withdraw from the engagement, we will communicate to the board of directors our reasons for modification or withdrawal.

#### **Management Responsibilities**

The management of the Company is responsible for the fair presentation, in accordance with U.S. generally accepted accounting principles, of the financial statements and all representations contained therein. Management also is responsible for identifying and ensuring that the Company complies with laws, regulations, contracts, and grant agreements applicable to its activities, and for informing us of any known material violations of such laws and regulations and provisions of contracts and grant agreements. Management also is responsible for preventing and detecting fraud, including the design and implementation of programs and controls to prevent and detect fraud, for adopting sound accounting policies, and for establishing and maintaining effective internal controls and procedures for financial reporting to maintain the reliability of the financial statements and to provide reasonable assurance against the possibility of misstatements that are material to the financial statements. Management is also responsible for informing us, of which it has knowledge, of all material weaknesses and significant deficiencies in the design or operation of such controls. The audit of the financial statements does not relieve management or those charged with governance of their responsibilities.

Management of the Company also agrees that all records, documentation, and information we request in connection with our audit will be made available to us, that all material information will be disclosed to us, and that we will have the full cooperation of the Company's personnel. As required by the auditing standards generally accepted in the United States of America, we will make specific inquiries of management about the representations embodied in the financial statements and the effectiveness of internal control, and obtain a representation letter from management about these matters. The responses to our inquiries, the written representations, and the results of audit tests, among other things, comprise the evidential matter we will rely upon in forming an opinion on the financial statements.

In accordance with *Government Auditing Standards*, as part of our planning of the audit we will evaluate whether the Company has taken appropriate corrective action to address findings and recommendations from previous engagements that could have a material effect on the financial statements. To assist us, management agrees to identify previous audits, attestation engagements, or other studies that relate to the objectives of the audit, including whether related recommendations have been implemented, prior to October 31<sup>st</sup> of each respective year under audit.

Management is responsible for adjusting the financial statements to correct material misstatements and for affirming to us in the representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements being reported upon taken as a whole. Because of the importance of management's representations to the effective performance of our services, the Company will release KPMG LLP (KPMG) and its personnel from any claims, liabilities. costs and

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expenses relating to our services under this letter attributable to any misrepresentations in the representation letter referred to above.

Management is also responsible for providing us with written responses in accordance with *Government Auditing Standards* to the findings included in the GAGAS report within 30 days of being provided with draft findings. If such information is not provided on a timely basis prior to release of the report, the GAGAS report will indicate the status of management's responses.

Management is responsible for the distribution of the reports issued by KPMG.

#### **Dispute Resolution**

Any dispute or claim arising out of or relating to this Engagement Letter or the services provided hereunder, or any other audit or attest services provided by or on behalf of KPMG or any of its subcontractors or agents to the Company or at its request, shall be submitted first to non-binding mediation (unless either party elects to forego mediation by initiating a written request for arbitration) and if mediation is not successful within 90 days after the issuance by one of the parties of a request for mediation then to binding arbitration in accordance with the Rules for Non-Administered Arbitration Rules"). Any issue concerning the extent to which any dispute is subject to arbitration, or any dispute concerning the applicability, interpretation, or enforceability of these dispute resolution procedures, including any contention that all or part of these procedures is invalid or unenforceable, shall be governed by the Federal Arbitration Act and resolved by the arbitrators. By operation of this provision, the parties agree to forego litigation over such disputes in any court of competent jurisdiction.

Mediation, if selected, may take place at a location to be designated by the parties using Mediation Procedures of the International Institute for Conflict Prevention and Resolution, with the exception of paragraph 2 (Selecting the Mediator). Arbitration shall take place in New York, New York. The arbitration panel shall have no power to award non-monetary or equitable relief of any sort except as provided in CPR Rule 13 (Interim Measures of Protection). Damages that are inconsistent with any applicable agreement between the parties, that are punitive in nature, or that are not measured by the prevailing party's actual damages shall be unavailable in arbitration or any other forum. In no event, even if any other portion of these provisions is held to be invalid or unenforceable, shall the arbitration panel have power to make an award or impose a remedy that could not be made or imposed by a court deciding the matter in the same jurisdiction.

Either party may seek to enforce any written agreement reached by the parties during mediation, or to confirm and enforce any final award entered in arbitration, in any court of competent jurisdiction. Notwithstanding the agreement to such procedures, either party may seek equitable relief to enforce its rights in any court of competent jurisdiction.

#### **Other Matters**

This letter shall serve as the Company's authorization for the use of e-mail and other electronic methods to transmit and receive information, including confidential information, between KPMG and the Company and between KPMG and outside specialists or other entities engaged by either KPMG or the Company. The Company acknowledges that e-mail travels over the public Internet, which is not a secure means of communication and, thus, confidentiality of the transmitted information could be compromised through no

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fault of KPMG. KPMG will employ commercially reasonable efforts and take appropriate precautions to protect the privacy and confidentiality of transmitted information.

Further, for purposes of the services described in this letter only, the Company hereby grants to KPMG a limited, revocable, non-exclusive, non-transferable, paid up and royalty-free license, without right of sublicense, to use all names, logos, trademarks and service marks of the Company solely for presentations or reports to the Company or for internal KPMG presentations and intranet sites.

KPMG is a limited liability partnership comprising both certified public accountants and certain principals who are not licensed as certified public accountants. Such principals may participate in the engagements to provide the services described in this letter.

KPMG-controlled entities and KPMG member firms located outside the United States operating under our supervision may also participate in providing the services described in this letter, and KPMG uses administrative services operating at our direction. including third parties inside and outside the U.S., that may access your information to perform administrative and clerical procedures.

The Company agrees to provide prompt notification if the Company or any of its subsidiaries currently are or become subject to the laws of a foreign jurisdiction that require regulation of any securities issued by the Company or such subsidiary.

The work papers for this engagement are the property of KPMG. Pursuant to *Government Auditing Standards*, we are required to make certain work papers available in a full and timely manner to Regulators upon request for their reviews of audit quality and for use by their auditors. In addition, we may be requested to make certain work papers available to Regulators pursuant to authority provided by law or regulation. Access to the requested work papers will be provided under supervision of KPMG personnel. Furthermore, upon request, we may provide photocopies of selected work papers to Regulators. Such Regulators may intend, or decide, to distribute the photocopies or information contained therein to others, including other government agencies.

In the event KPMG is requested pursuant to subpoena or other legal process to produce its documents and/or testimony relating to this engagement for the Company in judicial or administrative proceedings to which KPMG is not a party, the Company shall reimburse KPMG at standard billing rates for its professional time and expenses, including reasonable attorney's fees, incurred in responding to such requests.

#### Other Government Auditing Standards Matters

As required by *Government Auditing Standards*, we have attached a copy of KPMG's most recent peer review report.

#### Additional Reports and Fees for Services

Appendix I to this letter lists the additional reports we will issue as part of this engagement and our fees for professional services to be performed per this letter.

In addition, fees for any special audit-related projects, such as research and/or consultation on special business or financial issues, will be billed separately from the audit fees for professional services set forth

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in Appendix I at the rates presented in Appendix II and may be subject to written arrangements supplemental to those in this letter.

\* \* \* \* \* \* \*

Our engagement herein is for the provision of annual audit services for the financial statements and other related reports for the periods described in Appendix I, and it is understood that such services are provided as a single engagement. Pursuant to our arrangement as reflected in this letter we will provide the services set forth in Appendix I as a single engagement for each of the Company's subsequent fiscal years until either Management or we terminate this agreement, or mutually agree to the modification of its terms. The fees for each year through 2012 are disclosed in this letter and subsequent to 2012 will be annually subject to negotiation and approval by the board of directors.

We shall be pleased to discuss this letter with you at any time. For your convenience in confirming these arrangements, we enclose a copy of this letter. Please sign and return it to us.

Very truly yours,

KPMG LLP

Joseph P. Checes

Joseph P. Charles Partner

cc: Mark Alan Bailey, President and Chief Executive Officer Charles William Blackburn, Senior Vice President of Financial and Energy Services and Chief Financial Officer Mark Allen Hite, Vice President of Accounting

> Case No. 2012-00535 Tab 40 Attachment – 807 KAR 5:001, Section 19(9)(q) Sponsoring Witness: Billie J. Richert Page 20 of 33



Big Rivers Electric Corporation September 29, 2010 Page 8

ACCEPTED:

Big Rivers Electric Corporation William Denton

Chairman of the Board

10-4-10 Date

ACKNOWLEDGED BY: Marke Olan TSeela Mark Alan Bailey Chief Executive Officer 8/30/0

Date



#### Appendix I

#### Fees for Services

Based upon our discussions with and representations of management, our fees for services we will perform are estimated as follows:

Audit of the financial statements of Big Rivers Electric Corporation as of and for the year ended December 31, 2010	\$115,000
Audit of the financial statements of Big Rivers Electric Corporation as of and for the years ended December 31, 2011 and 2010.	\$115,000
Audit of the financial statements of Big Rivers Electric Corporation as of and for the years ended December 31, 2012 and 2011.	\$115,000

#### Other Reports:

Other reports that we will issue as part of this engagement for 2010, 2011, and 2012 are as follows:

Report	Fee
Report on Compliance and on Internal Control Over Financial Reporting Based on Audit of Financial Statements Performed in Accordance with Government Auditing Standards and based on 7 CFR Part 1773, Policy on Audits of RUS Borrowers.	Included in fees above
RUS Management Letter	Included in fees above

The above estimates are based on the level of experience of the individuals who will perform the services. In addition, expenses are billed for reimbursement as incurred. Expenses for items such as travel, telephone, postage, and typing, printing, and reproduction of financial statements are estimated at approximately 15% of the above fees per year. Circumstances encountered during the performance of these services that warrant additional time or expense could cause us to be unable to deliver them within the above estimates. We will endeavor to notify you of any such circumstances as they are assessed

Where KPMG is reimbursed for expenses, it is KPMG's policy to bill the Company the amount incurred at the time the good or service is purchased. If KPMG subsequently receives a volume rebate or other incentive payment from a vendor relating to such expenses, KPMG does not credit such payment to the Company. Instead, KPMG applies such payments to reduce its overhead costs, which costs are taken into account in determining KPMG's standard billing rates and certain transaction charges which may be charged to the Company.

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#### Appendix II

#### **Hourly Rates for Additional Services**

To the extent additional services are provided to Company outside the scope of this engagement letter, we will bill the Company at the hourly rates listed below. The nature and scope of any such work will be agreed to with management prior to beginning the additional services. In the event there are circumstances that arise related to additional services we will take all reasonable steps to notify management and the board of directors of the changes as soon as possible and if any resulting changes would be subject to a separate written arrangement between KPMG and the Company.

Experiece Level	Audit Hourly Rates
Partner	\$325
Managing Director	N/A
Senior Manager	\$250
Manager	\$200
Senior Associate	\$150
Associate	\$125

## PRICEWATERHOUSE COPERS @

PricewaterhouseCoopers LLP 400 Campus Drive P. O. Box 988 Florham Park NJ 07932 Telephone (973) 236 4000 Facsimile (973) 236 5000

#### System Review Report

To the Partners of KPMG LLP and the AICPA Center for Public Company Audit Firms Peer Review Committee

We have reviewed the system of quality control for the accounting and auditing practice of KPMG LLP (the Firm) applicable to non-SEC issuers in effect for the year ended March 31, 2008. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants. The Firm is responsible for designing a system of quality control and complying with it to provide the Firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Our responsibility is to express an opinion on the design of the system of quality control and the Firm's compliance therewith based on our review. The nature, objectives, scope, limitations of, and the procedures performed in a System Review are described in the standards at www.aicpa.org/prsummary.

As required by the standards, engagements selected for review included engagements performed under the *Government Auditing Standards*, audits of employee benefit plans, and an audit performed under FDICIA.

In our opinion, the system of quality control for the accounting and auditing practice applicable to non-SEC issuers of KPMG LLP in effect for the year ended March 31, 2008, has been suitably designed and complied with to provide the Firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass, pass with deficiency(ies)* or *fail.* KPMG LLP has received a peer review rating of *pass.* 

Phicewaterhouse Coopers UP

December 2, 2008



**Peer Review Program** 

December 19, 2008

Timothy P. Flynn, CPA KPMG LLP 757 Third Avenue, 9th Floor New York, NY 10017-2013

Dear Mr. Flynn:

It is my pleasure to notify you that on December 17, 2008, the Center for Public Company Audit Firms Peer Review Committee accepted the report on the most recent system review of your firm. The due date for your next review is September 30, 2011. This is the date by which all review documents should be completed and submitted to the administering entity.

As you know, the report had a peer review rating of pass. The Committee asked me to convey its congratulations to the firm.

Sincerel

Lohweler

Robert Rohweder, Chair **CPCAF** Peer Review Committee

cc: Betty Jo Charles, CPA

Firm Number: 10054128

Review Number: 264505

American Institute of Certified Public Accountants 220 Leigh Farm Road, Durham, NC 27707-8110 • (919) 402-4502 • (919) 402-4500 • fax (919) 419-4713 • www.arcpe.org **ISO** Certified

Case No. 2012-00535



201 Third Street P.O. Box 24 Henderson, KY 42419-0024 270-827-2561 www.bigrivers.com

March 26, 2012

KPMG LLP 312 Walnut Street Suite 3400 Cincinnati, OH 45202

Ladies and Gentlemen:

We are providing this letter in connection with your audits of the balance sheets of Big Rivers Electric Corporation (the Company) as of December 31, 2011 and 2010, and the related statements of operations, equities (deficit), and cash flows for the years then ended, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Governmental Auditing Standards*, issued by the Comptroller General of the United States, for the purpose of expressing an opinion as to whether these financial statements present fairly, in all material respects, the financial position, results of operations, and cash flows of the Company in conformity with U.S. generally accepted accounting principles.

We also understand that based on your audits you are responsible for reporting (1) the results of testing the Company's internal control over financial reporting; and (2) the results of testing for compliance with applicable laws, regulations, provisions of contracts, and grant agreements.

We confirm that we are responsible for the fair representation of the Company's financial statements described above as of December 31, 2011 and 2010 and for the years then ended, in conformity with U.S. generally accepted accounting principles. We also confirm that we are responsible for establishing and maintaining effective internal control and for compliance with applicable laws, regulations, provisions of contracts, and grant agreements.

Certain representations in this letter are described as being limited to matters that are material. Items are considered material, regardless of size, if they involve an omission or misstatement of accounting information that, in the light of surrounding circumstances, makes it probable that the judgment of a reasonable person relying on the information would be changed or influenced by the omission or misstatement.

We confirm, to the best of our knowledge and belief, the following representations made to you during your audits:

- 1. The financial statements referred to above are fairly presented in conformity with U.S. generally accepted accounting principles.
- 2. We have made available to you:
  - a. All financial records and related data. We have not knowingly withheld from you any other financial records or related data that in our judgment would be relevant to the purpose of your audits.

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Big Rivers Electric Corporation Page 2 of 6

- b. All minutes of the meetings of members, directors, and committees of directors, or summaries of actions of recent meetings for which minutes have not yet been prepared.
- 3. Except as disclosed to you in writing, there have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices.
- 4. There are no:
  - a. Violations or possible violations of laws or regulations, whose effects should be considered for disclosure in the financial statements or as a basis for recording a loss contingency.
  - b. Unasserted claims or assessments that our lawyers have advised us are probable of assertion and must be disclosed in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 450, *Contingencies*.
  - c. Other liabilities or gain or loss contingencies that are required to be accrued or disclosed by FASB ASC 450, *Contingencies*.
  - d. Material transactions that have not been properly recorded in the accounting records underlying the financial statements.
  - e. Events that have occurred subsequent to the balance sheet date and through the date of this letter that would require adjustment to or disclosure in the financial statements.
- 5. We acknowledge our responsibility for the design and implementation of programs and controls to prevent, deter and detect fraud. We understand that the term "fraud" includes misstatements arising from fraudulent financial reporting and misstatements arising from misappropriation of assets.
- 6. Misstatements arising from fraudulent financial reporting are intentional misstatements, or omissions of amounts or disclosures in financial statements to deceive financial statement users. Misstatements arising from misappropriation of assets involve the theft of an entity's assets where the effect of the theft causes the financial statements not to be presented in conformity with U.S. generally accepted accounting principles.
- 7. We have no knowledge of any fraud or suspected fraud affecting the entity involving:
  - a. Management
  - b. Employees who have significant roles in internal control over financial reporting, or
  - c. Others where the fraud could have a material effect on the financial statements.
- 8. We have no knowledge of any allegations of fraud or suspected fraud affecting the entity received in communications from employees, former employees, analysts, regulators, short sellers, or others.
- 9. The Company has no plans or intentions that may materially affect the carrying value or classification of assets and liabilities.
- 10. We have no knowledge of any officer or director of the Company, or any other person acting under the direction thereof, having taken any action to fraudulently influence, coerce, manipulate or mislead you during your audit.
- 11. The following have been properly recorded or disclosed in the financial statements:

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a. Related party transactions including sales, purchases, loans, transfers, leasing arrangements, guarantees, ongoing contractual commitments and amounts receivable from or payable to related parties.

The term "related party" refers to affiliates of the enterprise; entities for which investments in their equity securities would, absent the election of the fair value option under FASB ASC 825, *Financial Instruments*, be required to be accounted for by the equity method by the enterprise; trusts for the benefit of employees, such as pension and profit-sharing trusts that are managed by or under the trusteeship of management; principal owners of the enterprise; its management; members of the immediate families of principal owners of the enterprise and its management; and other parties with which the enterprise may deal if one party controls or can significantly influence the management or operating policies of the other to an extent that one of the transacting parties might be prevented from fully pursuing its own separate interests. Another party also is a related party if it can significantly influence the management or operating policies of the transacting parties or if it has an ownership interest in one of the transacting parties might be prevented from fully pursuing its own separate interests and can significantly influence the other to an extent that one or more of the transacting parties might be prevented to an extent that one or more of the transacting parties might be prevented to an extent that one or more of the transacting parties might be prevented to an extent that one or more of the transacting parties might be prevented to an extent that one or more of the transacting parties might be prevented from fully pursuing its own separate interests.

- b. Guarantees, whether written or oral, under which the Company is contingently liable, including guarantee contracts and indemnification agreements pursuant to FASB ASC 460, *Guarantees*.
- c. Significant estimates and material concentrations known to management that are required to be disclosed in accordance with FASB ASC 275, *Risks and Uncertainties*.

Significant estimates are estimates at the balance sheet date, which could change materially within the next year. Concentrations refer to volumes of business, revenues, available sources of supply, or markets or geographic areas for which it is reasonably possible that events could occur which would significantly disrupt normal finances within the next year.

- 12. The Company has satisfactory title to all owned assets, and there are no liens or encumbrances on such assets, nor has any asset been pledged as collateral.
- 13. The Company has complied with all aspects of contractual agreements that would have a material effect on the financial statements in the event of noncompliance.
- 14. There are no deficiencies, significant deficiencies, or material weaknesses in the design or operation of internal control over financial reporting of which we are aware, which could adversely affect the Company's ability to initiate, authorize, record, process, or report financial data. We have applied the definitions of a "significant deficiency" and a "material weakness" in accordance with the definitions in Statement on Auditing Standards No. 115, Communicating Internal Control Related Matters Identified in an Audit.
- 15. Receivables reported in the financial statements represent valid claims against debtors for sales or other charges arising on or before the balance sheet date and have been appropriately reduced to their estimated net realizable value.
- 16. Debt securities that have been classified as held-to-maturity have been so classified due to our intent and ability to hold such securities to maturity.

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- 17. The following information about financial instruments with off-balance-sheet risk and financial instruments with concentrations of credit risk has been properly disclosed in the financial statements:
  - a. Extent, nature, and terms of financial instruments with off-balance-sheet risk;
  - b. The amount of credit risk of financial instruments with off-balance-sheet credit risk, and information about the collateral supporting such financial instruments; and
  - c. Significant concentrations of credit risk arising from all financial instruments and information about the collateral supporting such financial instruments.
- 18. The Company has accounted for asset retirement obligations in accordance with FASB ASC 410-20, Asset Retirement and Environmental Obligations -- Asset Retirement Obligations. The Company believes it has no legal obligation, including those under the doctrine of promissory estoppels, associated with the retirement of tangible long-lived assets at December 31, 2011.
- 19. The Company has appropriately grouped long-lived assets together for purposes of assessing impairment in accordance with FASB ASC 360, *Property, Plant and Equipment*. We have reviewed long-lived assets, including amortizable intangible assets, to be held and used, for impairment whenever events or changes in circumstances have indicated that the carrying amount of the assets might not be recoverable. The Company believes no material adjustments to long-lived assets, including amortizable intangible asset, exists at December 31, 2011.
- We are responsible for making the fair value measurements and disclosures included in the financial 20. statements in accordance with FASB ASC 820, Fair Value Measurement and Disclosures, including determining the fair value of assets and liabilities for which there has been a significant decrease in the volume and level of activity in relation to the normal market activity for those assets or liabilities (or similar assets or liabilities) or for which transactions are deemed not orderly. As part of fulfilling this responsibility, we have established an accounting and financial reporting process for determining the fair value measurements and disclosures, in accordance with the fair value techniques included in FASB ASC 820, considered the appropriateness of valuation techniques, [including circumstances in which a practical expedient may be used to estimate fair value], adequately supported any significant assumptions used, and ensured that the presentation and disclosure of the fair value measurements are in accordance with U.S. generally accepted accounting principles including the disclosure requirements of FASB ASC 820. We believe the assumptions and techniques used by us, including those used by specialists engaged by us, are in accordance with the definition of fair value in FASB ASC 820 and the disclosures adequately describe the level of the inputs used in the fair value measurement, in accordance with the fair value hierarchy in FASB ASC 820,
- 21. We believe that all material expenditures that have been deferred to future periods will be recoverable.
- 22. Tax-exempt bonds issued have retained their tax-exempt status.
- 23. We believe that the actuarial assumptions and methods used to measure pension and postretirement benefit liabilities and costs for financial accounting purposes are appropriate in the circumstances.
- 24. The Company has accounted for its derivatives and hedging activities in accordance with FASB ASC 815, *Derivatives and Hedging*, including the requirements to document its designation of contracts as normal purchase or normal sales at the inception of the contract in qualifying for the scope exception.

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- 25. The Company expects to use all coal under long-term purchase contracts in the normal course of business.
- 26. The deferred tax asset valuation allowance has been determined pursuant to the provisions of FASB ASC 740, *Income Taxes*, including the Company's estimation of future taxable income, if necessary, and is adequate to reduce the total deferred tax asset to an amount that will more likely than not be realized.
- 27. The calculations of current and deferred tax expense (benefit) and the measurement of the related current and deferred tax assets and liabilities have been determined based on appropriate provisions of applicable enacted tax laws and regulations.
- 28. The Company believes it has no uncertain tax positions in accordance with the provisions of FASB ASC 740, *Income Taxes* at December 31, 2011.
- 29. We agree with the findings of specialists in evaluating their pension liability and coal flyover reports and have adequately considered the qualifications of the specialist in determining the amounts and disclosures used in the financial statements and underlying accounting records. We did not give or cause any instructions to be given to specialists with respect to the values or amounts derived in an attempt to bias their work, and we are not otherwise aware of any matters that have had an impact on the independence or objectivity of the specialists.
- 30. We have disclosed to you all accounting policies and practices we have adopted that, if applied to significant items or transactions, would not be in accordance with U.S. generally accepted accounting principles. We have evaluated the impact of the application of each such policy and practice, both individually and in the aggregate, on the Company's current period financial statements, and the expected impact of each such policy and practice on future periods' financial reporting. We believe the effect of these policies and practices on the financial statements is not material. Furthermore, we do not believe the impact of the application of these policies and practices will be material to the financial statements in future periods.
- 31. All sales transactions entered into by the Company are final and there are no side agreements with customers.
- 32. Gross revenue includes only those sales for which the Company has acted as a principal in the transaction, takes title to the products, and has the risks and rewards of ownership, including the risk of loss for collection, delivery and returns.
- 33. The Company believes it has no variable interest entities (VIEs) at December 31, 2011, as defined by U.S. generally accepted accounting principles.
- 34. The Company has reviewed the current regulatory environment and we believe we have appropriately accounted for and disclosed matters in accordance with FASB ASC 980, *Regulated Operations*, and that there have been no significant changes that would impact the amounts of existing regulatory assets and liabilities recorded by the Companies on its financial statements as of December 31, 2011.

Further, we confirm that we are responsible for the fair presentation in the financial statements of financial position, results of operations, and cash flows in conformity with U.S. generally accepted accounting principles.

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Very truly yours,

Big Rivers Electric Corporation

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Mark Alan Bailey Chief Executive Officer

Mark Allen Hite Vice President Accounting and Interim Chief Financial Officer

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#### System Review Report

To the Partners of KPMG LLP and the National Peer Review Committee of the AICPA Peer Review Board

We have reviewed the system of quality control for the accounting and auditing practice of KPMG LLP (the Firm), applicable to non-SEC issuers, in effect for the year ended March 31, 2011. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants. The Firm is responsible for designing a system of quality control and complying with it to provide the Firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Our responsibility is to express an opinion on the design of the system of quality control and the Firm's compliance therewith based on our review. The nature, objectives, scope, limitations of, and the procedures performed in a System Review are described in the standards at <u>www.aicpa.org/prsummary.</u>

As required by the standards, engagements selected for review included engagements performed under *Government Auditing Standards*, audits of employee benefit plans, an audit performed under FDICIA, and an audit of a carrying broker-dealer.

In our opinion, the system of quality control for the accounting and auditing practice of KPMG LLP, applicable to non-SEC issuers, in effect for the year ended March 31, 2011, has been suitably designed and complied with to provide the Firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass, pass with deficiency(ies)* or *fail*. KPMG LLP has received a peer review rating of *pass*.

Ficewaterhouse Coopers UP

December 2, 2011

PricewaterhouseCoopers LLP, 400 Campus Drive, P. O. Box 988, Florham Park, NJ 07932 T: (973) 236 4000, F: (973) 236 5000, www.pwc.com/us

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American Institute of CPAs 220 Leigh Farm Road Durham, NC 27707-8110

December 8, 2011

John B. Veihmeyer, CPA KPMG LLP 345 Park Ave Bsmt LB6 New York, NY 10154

Dear Mr. Veihmeyer:

It is my pleasure to notify you that on December 8, 2011 the National Peer Review Committee accepted the report on the most recent system peer review of your firm. The due date for your next review is September 30, 2014. This is the date by which all review documents should be completed and submitted to the administering entity.

As you know, the report had a peer review rating of pass. The Committee asked me to convey its congratulations to the firm.

Sincerely,

Jane L. Bradder Op.

James W. Brackens, Jr. Vice President—Ethics and Quality Practice +1.919.402.4502 nprc@aicpa.org

cc: Betty Jo Charles, CPA

Firm Number: 10054128

Review Number: 320334

Administered by the National Peer Review Committee (

## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1 Tab No. 41 2 **Filing Requirement** 3 807 KAR 5:001 Sec. 10(9)(r) 4 **Sponsoring Witness: Billie J. Richert** 5 6 7 8 **Description of Filing Requirement:** Quarterly reports to the stockholders for the most recent five (5) quarters. 9 10 **Response:** 11 Big Rivers' five most recent quarterly reports, which are provided to Big 12 Rivers' lenders within 60 days after the end of the first three quarterly 13 periods of each fiscal year pursuant to the respective debt agreements, are 14 included as attachments to this response. 15 Please refer to Tab 35 for copies of Big Rivers' annual reports for 16 the five most recent years, which are provided to Big Rivers' lenders for 17 fiscal year-end quarters. 18 Note: Big Rivers is a Member-owned, not-for-profit, generation and 19 transmission cooperative, which does not have stockholders. 20

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# Quarterly Report – September 30, 2012

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#### BALANCE SHEET

As of September 30, 2012 and 2011 (Dollars in thousands)

	<u>Sep. 30, 2012</u>	<u>Sep. 30, 2011</u>
ASSETS		
UTILITY PLANT — Net	\$ 1,086,706	\$ 1,085,569
RESTRICTED INVESTMENTS — member rate mitigation	183,920	167,210
OTHER DEPOSITS AND INVESTMENTS At cost	49,182	5,889
CURRENT ASSETS: Cash and cash equivalents Accounts receivable Fuel Inventory Non-Fuel Inventory Prepaid expenses	113,250 44,832 32,352 26,017 1,414	77,688 43,985 27,134 24,662 959
Total current assets	217,865	174,428
DEFERRED CHARGES AND OTHER	7,109	4,251
TOTAL	<u>\$ 1,544,782</u>	<u>\$ 1,437,347</u>
EQUITIES (DEFICIT) AND LIABILITIES		
Equities (deficit) Long-term debt	\$	\$
Total capitalization	1,246,297	1,179,661
CURRENT LIABILITIES: Current maturities of long-term obligations Voluntary prepayment of long-term debt Notes payable	80,608 - -	15,533 - -
Purchased power payable	1,111	2,354
Accounts payable	25,889	26,627
Accrued expenses Accrued interest	9,116 3,812	8,990 9,519
Total current liabilities	120,536	63,023
DEFERRED CREDITS AND OTHER: Regulatory liabilities — member rate mitigation Other	152,737 25,212	173,685 20,978
Total deferred credits and other	177,949	194,663
COMMITMENTS AND CONTINGENCIES		
TOTAL	<u>\$ 1,544,782</u>	<u>\$ 1,437,347</u>

#### STATEMENTS OF OPERATIONS

For the Quarters and Nine Months Ended September 30, 2012 and 2011

(Dollars in thousands)

	Quarter Ended September 30			ths Ended nber 30
	2012	2011	2012	2011
OPERATING REVENUE	\$ 146,921	\$ 149,418	\$ 423,042	\$ 424,489
OPERATING EXPENSES: Operations: Fuel for electric generation	58,943	58,925	165,833	173,107
Power purchased and interchanged	26,106	28,160	84,281	83,179
Production, excluding fuel Transmission and other Maintenance Depreciation and amortization	12,556 9,680 11,883 10,488	12,779 9,403 11,494 9,060	36,393 29,901 34,736 30,852	37,001 29,205 32,622 26,374
Total operating expenses	129,656	129,821	381,996	381,488
ELECTRIC OPERATING MARGIN	17,265	19,597	41,046	43,001
INTEREST EXPENSE AND OTHER: Interest Income tax expense Other — net	11,096 64	11,381 - 42	33,195 - 187	34,060 130 <u>158</u>
Total interest expense and other	11,160	11,423	33,382	34,348
OPERATING MARGIN	6,105	8,174	7,664	8,653
NONOPERATING MARGIN: Interest income and other	386	29	462	245
Total nonoperating margin	386	29	462	245
NET MARGIN	<u>\$ 6,491</u>	<u>\$ 8,203</u>	<u>\$ 8,126</u>	<u>\$8,898</u>

# Quarterly Report – June 30, 2012

#### BALANCE SHEET

#### As of June 30, 2012 and 2011

(Dollars in thousands)

	<u>June 30, 2012</u>	<u>June 30, 2011</u>
ASSETS		
UTILITY PLANT Net	\$ 1,091,306	\$ 1,085,266
RESTRICTED INVESTMENTS — member rate mitigation	153,575	171,654
OTHER DEPOSITS AND INVESTMENTS At cost	6,024	5,865
CURRENT ASSETS: Cash and cash equivalents Accounts receivable Fuel Inventory Non-Fuel Inventory Prepaid expenses	47,659 43,726 35,425 26,296 2,312	76,443 40,787 24,235 24,473 1,661
Total current assets	155,418	167,599
DEFERRED CHARGES AND OTHER	4,489	3,811
TOTAL	\$ 1,410,812	\$ 1,434,195
EQUITIES (DEFICIT) AND LIABILITIES		
CAPITALIZATION: Equities (deficit) Long-term debt	\$	\$
Total capitalization	1,106,752	1,173,758
CURRENT LIABILITIES: Current maturities of long-term obligations Voluntary prepayment of long-term debt Notes payable	78,282 -	14,811 - -
Purchased power payable Accounts payable Accrued expenses Accrued interest	927 22,082 10,542 9,924	2,046 24,865 9,472 10,242
Total current liabilities	121,757	61,436
DEFERRED CREDITS AND OTHER: Regulatory liabilities member rate mitigation Other	157,856 24,447	178,159 20,842
Total deferred credits and other	182,303	199,001
COMMITMENTS AND CONTINGENCIES		
TOTAL	<u>\$ 1,410,812</u>	<u>\$                                    </u>

#### STATEMENTS OF OPERATIONS

For the Quarters and Six Months Ended June 30, 2012 and 2011 (Dollars in thousands)

	Quarter Ended June 30			ths Ended ne 30
	2012	2011	2012	2011
OPERATING REVENUE	\$ 140,816	\$ 140,846	\$ 276,121	\$ 275,071
OPERATING EXPENSES: Operations: Fuel for electric generation	57,168	57,857	106,890	114,182
Power purchased and interchanged Production, excluding fuel Transmission and other Maintenance	26,649 12,017 10,320 9,623	29,158 12,073 10,077 10,786	58,175 23,837 20,221 22,853	55,019 24,222 19,802 21,128
Depreciation and amortization	10,188	8,633	20,364	17,314
Total operating expenses	125,965	128,584		251,667_
ELECTRIC OPERATING MARGIN	14,851	12,262	23,781	23,404
INTEREST EXPENSE AND OTHER: Interest Income tax expense Other net	11,043 <u>83</u>	11,332 130 <u>36</u>	22,099	22,679 130 <u>116</u>
Total interest expense and other	11,126	11,498	22,222	22,925
OPERATING MARGIN	3,725	764	1,559	479
NONOPERATING MARGIN: Interest income and other	13	29	76	216
Total nonoperating margin	13	29	76	216
NET MARGIN	<u>\$ 3,738</u>	<u>\$ 793</u>	<u>\$ 1,635</u>	<u>\$ 695</u>

# Quarterly Report – March 31, 2012

#### BALANCE SHEETS AS OF MARCH 31, 2012 (Dollars in thousands)

	2012
ASSETS	
UTILITY PLANT — Net	\$ 1,093,032
RESTRICTED INVESTMENTS — member rate mitigation	158,852
OTHER DEPOSITS AND INVESTMENTS — At cost	5,952
CURRENT ASSETS: Cash and cash equivalents Accounts receivable Fuel Inventory Non-Fuel Inventory Prepaid expenses	49,467 41,678 34,868 25,893 3,108
Total current assets	155,014
DEFERRED CHARGES AND OTHER	4,408
TOTAL	<u>\$ 1,417,258</u>
EQUITIES (DEFICIT) AND LIABILITIES	
CAPITALIZATION: Equities (deficit) Long-term debt	\$ 387,717 718,743
Total capitalization	1,106,460
CURRENT LIABILITIES: Current maturities of long-term obligations Voluntary prepayment of long-term debt Notes payable Purchased power payable Accounts payable Accrued expenses Accrued interest	77,026  2,756 26,151 8,328 9,220
Total current liabilities	123,481
DEFERRED CREDITS AND OTHER: Regulatory liabilities — member rate mitigation Other	163,724 23,593
Total deferred credits and other	187,317
COMMITMENTS AND CONTINGENCIES	
TOTAL	<u>\$ 1,417,258</u>

#### STATEMENTS OF OPERATIONS FOR THE QUARTER ENDED MARCH 31, 2012 (Dollars in thousands)

	y	
	Quarte March	r Ended 31, 2012
	Actual	Budget
OPERATING REVENUE	\$ 135,305	\$151,203
OPERATING EXPENSES: Operations:		
Fuel for electric generation	49,722	57,635
Power purchased and interchanged	31,526	32,187
Production, excluding fuel	11,820	13,559
Transmission and other	9,901	10,656
Maintenance	13,230	17,453
Depreciation and amortization	10,176	10,313
Total operating expenses	126,375	141,803
ELECTRIC OPERATING MARGIN	8,930	9,400
INTEREST EXPENSE AND OTHER: Interest Income tax expense	11,056	11,021
Other — net	40	34
Total interest expense and other	11,096	11,055
OPERATING MARGIN	(2,166)	(1,655)
NONOPERATING MARGIN: Interest income and other	63	14
Total nonoperating margin	63	14
NET MARGIN	<u>\$ (2,103)</u>	<u>\$ (1,641)</u>

# Quarterly Report - September 30, 2011

BALANCE SHEET AS OF SEPTEMBER 30, 2011 (Dollars in thousands)

	2011
ASSETS	
UTILITY PLANT Net	<u>\$ 1,085,569</u>
RESTRICTED INVESTMENTS — member rate mitigation	167,210
OTHER DEPOSITS AND INVESTMENTS — At cost	5,889
CURRENT ASSETS: Cash and cash equivalents Accounts receivable Fuel Inventory Non-Fuel Inventory Prepaid expenses	77,688 43,985 27,134 24,662 959
Total current assets	174,428
DEFERRED CHARGES AND OTHER	4,251
TOTAL	<u>\$ 1,437,347</u>
EQUITIES (DEFICIT) AND LIABILITIES	
CAPITALIZATION: Equities (deficit) Long-term debt	\$
Total capitalization	1,179,661
CURRENT LIABILITIES: Current maturities of long-term obligations Voluntary prepayment of long-term debt Notes payable Purchased power payable Accounts payable Accounts payable Accrued expenses	15,533 - 2,354 26,627 8,990
Accrued interest	9,519
Total current liabilities	63,023
DEFERRED CREDITS AND OTHER: Regulatory liabilities — member rate mitigation Other	173,685 20,978
Total deferred credits and other	194,663
COMMITMENTS AND CONTINGENCIES	
TOTAL	<u>\$ 1,437,347</u>

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#### STATEMENTS OF OPERATIONS

# FOR THE QUARTER AND NINE MONTHS ENDED SEPTEMBER 30, 2011

(Dollars in thousands)

		Quarter Ended September 30, 2011		nths Ended er 30, 2011
	Actual	Budget	Actual	Budget
OPERATING REVENUE	\$149,418	\$148,964	\$424,489	\$422,038
OPERATING EXPENSES:				
Operations:	50.00 <i>5</i>	~~ ~~~	172 107	150 (04
Fuel for electric generation	58,925	55,557	173,107	158,604
Power purchased and interchanged	28,160	27,069	83,179	80,954
Production, excluding fuel	12,779	16,818	37,001	48,501
Transmission and other	9,403	10,468	29,205	32,512
Maintenance	11,494	12,153	32,622	34,365
Depreciation and amortization	9,060	9,129	26,374	27,068
Total operating expenses	129,821	131,194	381,488	382,004
ELECTRIC OPERATING MARGIN	19,597	17,770	43,001	40,034
INTEREST EXPENSE AND OTHER:				
Interest	11,381	11,875	34,060	35,178
Income tax expense		62	130	187
Other — net	42	35	158	103
Total interest expense and other	11,423	11,972	34,348	35,468
OPERATING MARGIN	8,174	5,798	8,653	4,566
NONOPERATING MARGIN:				
Interest income and other	29	97	245	385
Total nonoperating margin	29	97	245	385
NET MARGIN	<u>\$ 8,203</u>	<u>\$    5,895</u>	<u>\$ 8,898</u>	<u>\$ 4,951</u>

# Quarterly Report - June 30, 2011

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#### BALANCE SHEET AS OF JUNE 30, 2011 (Dollars in thousands)

	2011
ASSETS	
UTILITY PLANT — Net	\$ 1,085,266
<b>RESTRICTED INVESTMENTS</b> — member rate mitigation	171,654
OTHER DEPOSITS AND INVESTMENTS At cost	5,865
CURRENT ASSETS: Cash and cash equivalents Accounts receivable Fuel Inventory Non-Fuel Inventory Prepaid expenses	76,443 40,787 24,235 24,473 1,661
Total current assets	167,599
DEFERRED CHARGES AND OTHER	3,811
TOTAL	<u>\$ 1,434,195</u>
EQUITIES (DEFICIT) AND LIABILITIES	
CAPITALIZATION: Equities (deficit) Long-term debt	\$ .387,271 786,487
Total capitalization	1,173,758
CURRENT LIABILITIES: Current maturities of long-term obligations Voluntary prepayment of long-term debt Notes payable Purchased power payable Accounts payable Accrued expenses Accrued interest	14,811 - - 2,046 24,865 9,472 10,242
Total current liabilities	61,436
DEFERRED CREDITS AND OTHER: Regulatory liabilities —- member rate mitigation Other	178,159 20,842
Total deferred credits and other	199,001
COMMITMENTS AND CONTINGENCIES	
TOTAL	\$ 1,434,195

#### STATEMENTS OF OPERATIONS FOR THE QUARTER AND SIX MONTHS ENDED JUNE 30, 2011 (Dollars in thousands)

		Quarter Ended June 30, 2011		ths Ended 30, 2011
	Actual	Budget	Actual	Budget
OPERATING REVENUE	\$ 140,846	\$ 132,251	\$275,071	\$273,074
OPERATING EXPENSES:				
Operations:				
Fuel for electric generation	57,857	51,265	114,182	103,047
Power purchased and interchanged	29,158	27,355	55,019	53,885
Production, excluding fuel	12,073	16,305	24,222	31,683
Transmission and other	10,077	11,122	19,802	22,044
Maintenance	10,786	11,413	21,128	22,212
Depreciation and amortization	8,633	9,026	17,314	17,939
Total operating expenses	128,584	126,486	251,667	250,810
ELECTRIC OPERATING MARGIN	12,262	5,765	23,404	22,264
INTEREST EXPENSE AND OTHER:				
Interest	11,332	11,652	22,679	23,303
Income tax expense	130	63	130	125
Other — net	36	34	116	68
Total interest expense and other	11,498	11,749	22,925	23,496
OPERATING MARGIN	764	(5,984)	479	(1,232)
NONOPERATING MARGIN:				
Interest income and other	29	193	216	288
Total nonoperating margin	29	193	216	288
NET MARGIN	<u>\$ 793</u>	<u>\$ (5,791</u> )	<u>\$ 695</u>	<u>\$ (944</u> )

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# Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements

(Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1	
2	Tab No. 42
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(9)(s)
5	Sponsoring Witness: Mr. Ted J. Kelly
6	
7	
8	Description of Filing Requirement:
9	Summary of the latest depreciation study with schedules itemized by major
10	plant accounts. If the required information has been filed in another
11	commission case, a reference to that case's number and style will be
12	sufficient.
13	<u>Response</u> :
14	Big Rivers' latest depreciation study is attached to, and is described and
15	summarized in, the Direct Testimony of Mr. Ted J. Kelly at Tab No. 71
16	and the exhibits attached thereto.

Case No. 2012-00535 Tab No. 42 807 KAR 5:001 10(9)(s) Page 1 of 1

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## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1 Tab No. 43 2 **Filing Requirement** 3 807 KAR 5:001 Sec. 10(9)(t) 4 Sponsoring Witness: Billie J. Richert 5 6 7 **Description of Filing Requirement:** 8 List of all commercially available or in-house developed computer software, 9 programs, and models used in the development of the schedules and work 10 papers associated with the filing of the utility's application. This list shall 11 include each software, program, or model; what the software, program, or 12 model was used for; identify the supplier of each software, program, or 13 model: a brief description of the software, program, or model; the 14 specifications for the computer hardware and the operating system 15 required to run the program. 16 17 **Response:** A detailed list of all computer software, programs, and models used in the 18

- 19 development of schedules and work papers associated with this
- 20 application is included as an attachment to this response.

Case No. 2012-00535 Tab No. 43 807 KAR 5:001 10(9)(t) Page 1 of 1

# Big Rivers Electric Corporation Case No. 2012-00535

# List of Computer Software, Programs, and Models Used in Development of Schedules and Work Papers Associated with Filing of Utility's Application

sed in Developmen			Description	Specifications	Operating System
Software/ Program/ Model	Use in Application	Supplier			Windows XP SP3 or
Microsoft Excel 2010	Cost of Service Study, Revenue Requirement, and Rate Calculations Depreciation Study (analysis and summary of results) Various tables and exhibits presenting financial information for individual filing	Microsoft	program	or greater	Windows 7
6 Erect 2007	roquirements	Microsoft	program	Intel 2 GHz processor or greater	Windows XP SP3 or Windows 7
Microsoft Word 2010	<ul> <li>Cost of Service Study</li> <li>Depreciation Study</li> <li>Documenting responses to individual</li> </ul>	Microsoft	Word processing program	Intel 2 GHz processor or greater	Windows XP SP3 or Windows 7
Microsoft PowerPoint 2010	filing requirements - Depreciation Study (Report Cover)	Microsoft	Presentation program	Intel 2 GHz processor or greater	Windows 7 or Windows XP SP3
	- Monthly managerial reports (Tab 38) Email communications	Microsoft	Email	Intel 2 GHz processor or greater	Windows 7 or Windows XP SP3
Microsoft Outlook 2010	- Production cost and planning modeling	Ventyx/ ABB	Production cost and planning	Intel 2 GHz processor	Windows XP SP3 or Windows 7
Planning & Risk Model (used by ACES Power Marketing)			model Preserve and secure the layout of	or greater Intel 2 GHz processor	Windows 7 or Windows
Adobe Acrobat X Standard 10.0	<ul> <li>Depreciation Study (Electronic version of study report document including Cover Page, Table of Contents, Report Text, an Tables) (Tab 42)</li> <li>Other reports provided for various filing</li> </ul>	d	documents created in other applications by converting the files to a PDF format	or greater	XP SP3
Windows Internet Explorer 8	requirements - Industry Research	Microsoft	Web browser	Intel 2 GHz processor or greater	Windows 7 or Window XP SP3

Case No. 2012-00535 Tab 43 Attachment - 807 KAR 5:001 Section 10(9)(t) Sponsoring Witness: Billie J. Richert Page 1 of 2

# Big Rivers Electric Corporation Case No. 2012-00535

# List of Computer Software, Programs, and Models Used in Development of Schedules and Work Papers Associated with Filing of Utility's Application

	Software/ Program/ Model	Use in Application	Supplier	Description	Specifications	Operating System
9	Oracle E-Business Suite	- Base period and prior period actual financial data.	Oracle Corporation	1000 anome ~ j +++-	Intel 2 GHz processor or greater	Red Hat Enterprise 5.7
10	Hyperion Planning	- Pro Forma Adjustments		2	Intel 2 GHz processor or greater	Window Server 2003
11	0	- Conversion of e-mail lists to an organized format inclusive of all attached documents		Preserve and secure the layout of documents created in other applications by converting the files to a PDF format	THE PARTY PARTY	Windows 7 or Windows XP SP3

Case No. 2012-00535 Tab 43 Attachment - 807 KAR 5:001 Section 10(9)(t) Sponsoring Witness: Billie J. Richert Page 2 of 2

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# Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

1 2 3	Tab No. 44 Filing Requirement 807 KAR 5:001 Section 10(9)(u)
4	Sponsoring Witness: Billie J. Richert
5 6 7	Description of Filing Requirement:
8	If the utility had any amounts charged or allocated to it by
9	an affiliate or a general or home office or paid any monies to
10	an affiliate or a general or home office during the base period
11	or during the previous three (3) calendar years, the utility
12	shall file:
13	1. A detailed description of the method and amounts
14	allocated or charged to the utility by the affiliate or
15	general or home office for each allocation or payment;
16	2. The method and amounts allocated during the base period
17	and the method and estimated amounts to be allocated
18	during the forecasted test period;
19	3. An explanation of how the allocator for both the base
20	period and forecasted test period were determined; and
21	4. All facts relied upon, including other regulatory approval,
22	to demonstrate that each amount charged, allocated or
23	paid during the base period is reasonable.
24	
25	

Case No. 2012-00535 Tab No. 44 807 KAR 5:001 10(9)(u) Page 1 of 2

# Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

- 2 **Response:**
- 3 4

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This filing requirement is not applicable to Big Rivers.

Case No. 2012-00535 Tab No. 44 807 KAR 5:001 10(9)(u) Page 2 of 2

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# Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

(Forecusted Test Tertod 12mil 0/51/2014, Duse Tertod 12mil 950/2015)

1

2	Tab No. 45
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(9)(v)
5	Sponsoring Witness: John Wolfram
6	
7	
8	Description of Filing Requirement:
9	Cost of service study based on a methodology generally accepted within the
10	industry and based on current and reliable data from a single time period.
11	<u>Response</u> :
12	The cost of service study is included with the Direct Testimony of Mr.
13	John Wolfram at Tab No. 73 (Filing Requirement 807 KAR 5:001 Sec.
14	10(9)(a)).

Case No. 2012-00535 Tab No. 45 807 KAR 5:001 10(9)(v) Page 1 of 1

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## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1	
2 3 4 5 6 7	Tab No. 46 Filing Requirement 807 KAR 5:001 Sec. 10(9)(w) Sponsoring Witness: Billie J. Richert
8	Description of Filing Requirement:
9	Local exchange carriers with fewer than 50,000 access lines shall not be required
10	to file cost of service studies, except as specifically directed by the commission.
11	Local exchange carriers with more than 50,000 access lines shall file:
12	1. A jurisdictional separations study consistent with Part 36 of the
13	Federal Communications Commission's rules and regulations; and
14	2. Service specific cost studies to support the pricing of all services that
15	generate annual revenue greater than \$1,000,000 except local exchange
16	access:
17	a. Based on current and reliable data from a single time period;
18	and
19	b. Using generally recognized fully allocated, embedded, or
20	incremental cost principles.
21	<u>Response</u> :
22	This filing requirement is not applicable as Big Rivers is not a local
23	exchange carrier.

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Case No. 2012-00535 Tab No. 46 807 KAR 5:001 10(9)(w) Page 1 of 1

# Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1 2 3 4	Tab No. 47 Filing Requirement 807 KAR 5:001 Sec. 10(10)(a) Sponsoring Witness: Travis A. Siewert
5	
6	
7	Description of Filing Requirement:
8	Jurisdictional financial summary for both the base period and the
9	forecasted period which details how the utility derived the amount of the
10	requested revenue increase;
11	<u>Response</u> :
12	Financial summaries for both the base period and forecasted test period
13	are included at Tab No. 55 (Filing Requirement 807 KAR 5:001 Sec.
14	10(10)(i)). The forecasted test period financial summary includes
15	revenues from the proposed rates in this proceeding.
16	Detail of how Big Rivers derived the amount of the requested revenue
17	increase is included in Exhibit Wolfram-2 in the Direct Testimony of Mr.
18	John Wolfram at Tab No. 73 (Filing Requirement 807 KAR 5:001 Sec
19	10(9)(a)).

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Case No. 2012-00535 Tab No. 47 807 KAR 5:001 10(10)(a) Page 1 of 1

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## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

- 1 Tab No. 48 2 **Filing Requirement** 3 807 KAR 5:001 Sec. 10(10)(b) 4 **Sponsoring Witness: Travis A. Siewert** 5 6 7 **Description of Filing Requirement:** 8 Jurisdictional rate base summary for both the base and forecasted periods 9 with supporting schedules which include detailed analysis of each 10 11 component of rate base; **Response:** 12 See the attachments to this response for rate base summaries for both the 13
- 14 base period and forecasted test period, which include detailed analysis of
- 15 each component of rate base.

Case No. 2012-00535 Tab No. 48 807 KAR 5:001 10(10)(b) Page 1 of 1
# Big Rivers Electric Corporation Case No. 2012-00535 Base Period 13-Month Average Rate Base

Actual Apr-12	Actual May-12	Actual Jun-12	Actual Jul-12	Actual Aug-12	Actual Sep-12	Actual Oct-12	
			o 1 081 269 297	\$ 1,985,784,266	1,997,624,468	1,998,490,214	
\$ 1,980,203,110	1,980,206,600	\$ 1,980,197,560	\$ 1,901,209,201	φ 1,000,000			
+ -, .			65 352 551	56,509,725	$44,\!936,\!428$	47,402,755	
62,030,952	61,264,300	64,799,330	05,552,551			05 550 199	
		00 00F 716	26 138 253	26,465,194	26,016,994	25,578,123	
26,032,766	25,950,357	26,295,710	20,100,200			37,301,108	
		05 495 228	31 409,998	$31,\!513,\!504$	32,352,421	57,501,100	
$37,\!803,\!472$	38,868,142	30,420,330	01,200,000			1,214,148	
		9 408 949	2,167,302	1,847,646	1,548,947	1,214,140	
3,041,937	2,819,292	2,450,545	,			25,867,446	
		25 867 446	25,867,446	25,867,446	25,867,446	20,007,440	
25,867,446	25,867,446 25,867,446 25,867,446 25,867,446						
						\$ 2,135,853,794	
	0.0.104.050.197	© 2 135 084 339	\$ 2,132,204,847	\$ 2,127,987,781	\$ 2,128,346,704	\$ 2,130,000,704	
2,134,979,683	\$ 2,134,976,157	φ 2,100,004,000	÷,,		055 054 041	958,897,679	
	053 601 035		957,483,738	954, 111, 029	955,854,941	900,091,019	
948, 180, 822	951,109,754	505,001,000			0 1 150 401 769	\$ 1,176,956,115	
	₱ 1 100 966 383	\$ 1 181 393 304	\$ 1,174,721,109	1,173,876,752	\$ 1,172,491,765	\$ 1,170,000,120	
\$ 1,186,798,861	\$ 1,183,000,383	ψ 1,101,000,000					
	Apr-12 \$ 1,980,203,110 62,030,952 26,032,766	Apr-12         May-12           \$ 1,980,203,110         \$ 1,980,206,600           62,030,952         61,264,300           26,032,766         25,950,357           37,803,472         38,868,142           3,041,937         2,819,292           25,867,446         25,867,446           \$ 2,134,979,683         \$ 2,134,976,137           948,180,822         951,109,754	Actual Apr-12May-12Jun-12 $\$$ 1,980,203,110\$ 1,980,206,600\$ 1,980,197,560 $62,030,952$ $61,264,300$ $64,799,330$ $26,032,766$ $25,950,357$ $26,295,716$ $37,803,472$ $38,868,142$ $35,425,338$ $3,041,937$ $2,819,292$ $2,498,949$ $25,867,446$ $25,867,446$ $25,867,446$ $\$$ $2,134,979,683$ \$ 2,134,976,137\$ 2,135,084,339 $948,180,822$ $951,109,754$ $953,691,035$	Actual Apr-12Actual May-12Actual Jun-12Jul-12 $\$$ 1,980,203,110 $\$$ 1,980,206,600 $\$$ 1,980,197,560 $\$$ 1,981,269,297 $62,030,952$ $61,264,300$ $64,799,330$ $65,352,551$ $26,032,766$ $25,950,357$ $26,295,716$ $26,138,253$ $37,803,472$ $38,868,142$ $35,425,338$ $31,409,998$ $3,041,937$ $2,819,292$ $2,498,949$ $2,167,302$ $25,867,446$ $25,867,446$ $25,867,446$ $25,867,446$ $\$$ 2,134,979,683 $\$$ 2,134,976,137 $\$$ 2,135,084,339 $\$$ 2,132,204,847 $948,180,822$ $951,109,754$ $953,691,035$ $957,483,738$	Actual Apr-12Actual May-12Actual Jun-12Actual Jul-12Aug-12 $\$$ 1,980,203,110\$1,980,206,600\$1,980,197,560\$1,981,269,297\$1,985,784,266 $62,030,952$ $61,264,300$ $64,799,330$ $65,352,551$ $56,509,725$ $26,032,766$ $25,950,357$ $26,295,716$ $26,138,253$ $26,465,194$ $37,803,472$ $38,868,142$ $35,425,338$ $31,409,998$ $31,513,504$ $3,041,937$ $2,819,292$ $2,498,949$ $2,167,302$ $1,847,646$ $25,867,446$ $25,867,446$ $25,867,446$ $25,867,446$ $25,867,446$ $\$$ $2,134,979,683$ $\$$ $2,135,084,339$ $\$$ $2,132,204,847$ $\$$ $2,127,987,781$ $948,180,822$ $951,109,754$ $953,691,035$ $957,483,738$ $954,111,029$	Actual Apr-12Actual May-12Actual Jun-12Actual Jul-12Actual Aug-12Actual Aug-12Actual 	

Case No. 2012-00535 Tab 48 Attachment - 807 KAR 5:001 Section 10(10)(b) Sponsoring Witness: Travis A. Siewert Page 1 of 4

## Big Rivers Electric Corporation Case No. 2012-00535 Base Period 13-Month Average Rate Base

<b>T</b> .(	2012 Forecast Nov-12	2012 Forecast Dec-12	2013 Budget Jan-13	2013 Budget Feb-13	2013 Budget Mar-13	2013 Budget Apr-13	Base Period 13-Month Average
Item	NOV-12	D00 14					
Rate Base (Base Period)							
Utility Plant in Service	\$ 2,005,940,088	\$ 2,012,077,895	\$ 2,013,270,411	\$ 2,014,571,471	\$ 2,018,961,444	\$ 2,025,291,281	\$ 1,999,529,854
Construction Work in Progress	45,000,000	42,000,000	40,000,000	40,000,000	40,000,000	40,000,000	49,945,849
Materials and Supplies	25,633,246	25,685,940	26,237,768	26,296,479	26,354,776	26,414,475	26,084,622
	36,852,561	36,996,807	32,219,305	32,332,006	32,406,831	32,265,231	34,442,056
Fuel Stock	30,892,001	00,000,000				0.000.005	0 598 091
Prepayments	1,001,447	4,206,511	3,597,556	3,286,294	2,973,325	2,660,925	2,528,021
Cash Working Capital	25,867,446	25,867,446	25,867,446	25,867,446	25,867,446	25,867,446	25,867,446
(1/8 of adjusted Annual O&M)							
Total	\$ 2,140,294,788	\$ 2,146,834,599	\$ 2,141,192,486	\$ 2,142,353,696	\$ 2,146,563,822	\$ 2,152,499,358	\$ 2,138,397,848
Less: Accumulated Depreciation	961,107,036	963,817,983	970,489,707	973,798,996	976,141,819	977,889,349	961,736,453
Less. Accumulated Depreciation				D 1 100 554 500	\$ 1,170,422,003	\$ 1,174,610,009	\$ 1,176,661,395
Rate Base	\$ 1,179,187,752	\$ 1,183,016,616	\$ 1,170,702,779	\$ 1,168,554,700	φ 1,170,422,003	ψ 1,111,010,000	

Case No. 2012-00535 Tab 48 Attachment - 807 KAR 5:001 Section 10(10)(b) Sponsoring Witness: Travis A. Siewert Page 2 of 4

# Big Rivers Electric Corporation Case No. 2012-00535 Fully Forecasted Test Period 13-Month Average Rate Base

	Budget Aug-13	t Budget Budget Duget		Budget Dec-13	Budget Jan-14	Budget Feb-14		
Item	Aug-15							
Rate Base (Forecast Period)			0 0 0 10 15 1 5 1 7	\$ 2,048,324,923	\$ 2,048,693,972	\$ 2,049,937,382	\$ 2,050,620,238	
Utility Plant in Service	2,038,217,486	\$ 2,040,493,754	\$ 2,046,154,517	φ <b>2</b> ,0 -0,0 - 0		77,364,300	82,554,905	
	46,752,139	50,293,122	57,509,931	64,761,417	72,197,945	77,004,000		
Construction Work in Progress		26,702,245	26,764,852	26,827,750	26,890,716	26,955,341	27,020,393	
Materials and Supplies	26,639,530	26,702,245		00 104 997	33,184,166	33,559,103	33,783,026	
Fuel Stock	32,472,516	32,763,437	32,971,843	33,104,887		0.055 101	3,532,004	
Fuel Steel	1,461,993	1,166,672	871,351	576,030	4,182,720	3,857,131		
Prepayments			25,642,732	$25,\!642,\!732$	25,642,732	$25,\!642,\!732$	$25,\!642,\!732$	
Cash Working Capital	$25,\!642,\!732$	25,642,732	23,042,752	20,0				
(1/8 of adjusted Annual O&M)				\$ 2,199,237,739	\$ 2,210,792,251	\$ 2,217,315,989	\$ 2,223,153,298	
Total	\$ 2,171,186,396	\$ 2,177,061,962	\$ 2,189,915,226	\$ 2,199,297,100		1 004 011 012	1,008,641,319	
	988,912,712	992,118,791	994, 267, 719	997,528,133	1,001,363,955	1,004,911,913		
Less: Accumulated Depreciation			\$ 1,195,647,507	\$ 1,201,709,606	\$ 1,209,428,296	1,212,404,076	\$ 1,214,511,979	
Rate Base	\$ 1,182,273,684	\$ 1,184,943,171	φ 1,155,041,501					

Case No. 2012-00535 Tab 48 Attachment - 807 KAR 5:001 Section 10(10)(b) Sponsoring Witness: Travis A. Siewert Page 3 of 4

## Big Rivers Electric Corporation Case No. 2012-00535 Fully Forecasted Test Period 13-Month Average Rate Base

	Budget	Budget	Budget May-14	Budget Jun-14	Budget Jul-14	Budget Aug-14	Forecast Period 13-Month Average
Item	Mar-14	Apr-14	May 14				
Rate Base (Forecast Period)							
Utility Plant in Service	\$ 2,053,811,996	\$ 2,065,174,508	\$ 2,072,737,203	\$ 2,074,156,887	\$ 2,075,481,802	\$ 2,139,743,469	\$ 2,061,811,395
Construction Work in Progress	87,831,541	93,132,912	98,459,018	101,209,998	101,499,252	40,000,000	74,889,729
Materials and Supplies	27,085,618	27,151,260	27,217,143	27,282,781	$27,\!348,\!482$	27,414,369	27,023,114
Fuel Stock	34,020,213	34,077,892	34,030,458	34,093,671	34,136,645	34,159,267	33,565,933
	3,206,877	2,881,750	2,556,623	2,231,496	1,906,369	1,581,242	2,308,635
Prepayments Cash Working Capital	25,642,732	25,642,732	25,642,732	25,642,732	25,642,732	25,642,732	25,642,732
(1/8 of adjusted Annual O&M)							
Total	\$ 2,231,598,977	\$ 2,248,061,054	\$ 2,260,643,177	\$ 2,264,617,565	\$ 2,266,015,282	\$ 2,268,541,079	\$ 2,225,241,538
Less: Accumulated Depreciation	1,011,583,366	1,011,962,997	1,013,576,200	1,017,159,605	1,020,778,876	1,023,919,266	1,006,671,142
Rate Base	\$ 1,220,015,611	\$ 1,236,098,057	\$ 1,247,066,977	\$ 1,247,457,960	\$ 1,245,236,406	\$ 1,244,621,813	\$ 1,218,570,396

Case No. 2012-00535 Tab 48 Attachment - 807 KAR 5:001 Section 10(10)(b) Sponsoring Witness: Travis A. Siewert Page 4 of 4



### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

#### Tab No. 49 Filing Requirement 807 KAR 5:001 Section 10(10)(c) Sponsoring Witness: Billie J. Richert

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## **Description of Filing Requirement:**

Jurisdictional operating income summary for both the base
 period and the forecasted period with supporting schedules
 which provide breakdowns by major account group and by

- 11 *individual account;*
- 12 **Response:**
- 13

Operating income summaries for both the base period and 14 forecasted test period are included at Tab No. 55 (Filing 15 Requirement 807 KAR 5:001 Sec. 10(10)(i)). Supporting 16 schedules for both the base period and forecasted test 17 period, which provide breakdowns by major account group 18 and by individual account, are included as an attachment to 19 this response, and are filed under a Petition for Confidential 20 Treatment. 21

> Case No. 2012-00535 Tab No. 49 807 KAR 5:001 10(10)(c) Page 1 of 1

#### Big Rivers Electric Corporation Case No. 2012-00535 Operating Income Summary by Account Base Period: 12ME April 30, 2013

RUS Account No.	Big Rivers Account No.	Account Description	Amount				
403	403.110	DEPRECIATION EXPENSE-STEAM PLANT	\$	20,130,623.91			
403	403.111	DEPRECIATION EXPENSE-STEAM PLANT-CLEAN AIR	\$	13,079,447.07			
403	403.400	DEPRECIATION EXPENSE-GAS TURBINE	\$	294,221.39			
403	403.500	DEPRECIATION EXPENSE-TRANSMISSION	\$	4,749,968.44			
403	403.700	DEPRECIATION EXPENSE-GENERAL PLANT	\$	2,961,725.98			
404	404.110	AMORTIZATION EXPENSE	\$	108,135.90			
409	409.100	TAXES-FEDERAL INCOME	\$	885.00			
409	409.200	TAXES-FEDERAL INCOME-OTHER INC/DEDUCT	\$	-			
411	411.800	GAIN FROM DISPOSITION OF ALLOWANCES	\$	-			
419	419.000	INTEREST & DIVIDEND INCOME	\$	(1,556,386.43)			
424	424.000	<b>OTHER CAPITAL CREDITS &amp; PATRONAGE ALLOC</b>	\$	(1,277,124.05)			
426	426.000	TAXES-FEDERAL UNEMPLOYMENT-GENERAL	\$	•			
426	426.100	DONATIONS	\$	91,959.14			
426	426.300	PENALTIES	\$	, _			
426	426.400	CIVIC, POLITICAL, RELATED ACTIVITIES EXP	\$	3,357.74			
427	427.100	INTEREST ON LONG-TERM DEBT	\$	45,126,332.34			
427	427.310	INTEREST CHARGED TO CONST-CR	\$	(602,432.00)			
428	428.000	AMORTIZATION DEBT EXPENSE	\$	306,937.63			
431	431.100	INTEREST EXPENSE-NRUCFC	\$	54,829.49			
431	431.300	INTEREST EXPENSE-OTHER	\$	~			
434	434.000	EXTRAORDINARY INCOME	\$	-			
435	435.000	EXTRAORDINARY DEDUCTIONS	\$	-			
447	447.101	SALES FOR RESALE-RUS-KE-RURAL	\$	(124,786,050.58)			
447	447.110	SALES FOR RESALE-RUS-KE INDUSTRIALS	\$	(41,746,057.56)			
447	447.191	SALES FOR RESALE-RUS KE-ALCAN/CENTURY	\$	(363,712,397.05)			
447	447.193	SALES FOR RESALE-RUS-KE-DOMTAR COGEN	\$	-			
447	447.242	SALES FOR RESALE-OTHER-MISO					
454	454.000	RENT FROM ELECTRIC PROPERTY	\$	(24,000.00)			
456	456.000	OTHER ELECTRIC REVENUES					
456	456.100	OTHER ELEC REV-POWER SUPPLY					
500	500.100	<b>OPER SUPERVISION &amp; ENGINEERING</b>					
501	501,100	FUEL					
501	501.200	FUEL HANDLING					
501	501.300	BOTTOM ASH DISPOSAL					
502	502.100	STEAM EXPENSES					
502	502.110	STEAM EXPENSES - CLEAN AIR					
502	502.300	SO2 REAGENTS					
505	505.100	ELECTRIC EXPENSES					
506	506.100	MISC STEAM POWER EXPENSE					
506	506.300	NOX REAGENTS					
509	509.100	ALLOWANCES-CLEAN AIR					
510	510.000	MAINT SUPERVISION & ENG					

Case No. 2012-00535 Tab 49 Attachment - 807 KAR 5:001 10(10)(c) Sponsoring Witness: Billie J. Richert Page 1 of 6

### Big Rivers Electric Corporation Case No. 2012-00535 Operating Income Summary by Account Base Period: 12ME April 30, 2013

RUS Account No.	Account Account Account Description			
511	511.100	MAINT STRUCTURES		
512	512.100	MAINT BOILER PLANT		
512	512.110	MAINTENANCE BOILER PLANT-CLEAN AIR		
513	513.100	MAINTENANCE ELECTRIC PLANT		
514	514.100	MAINTENANCE MISC STEAM PLANT		
547	547.130	FUEL-OIL-GAS TURBINE		
548	548.100	GENERATION EXPENSES-GAS TURBINE		
553	553.100	MAINT GENERATING & ELEC PLANT GAS TURBINE		
555	555.110	PURCHASED POWER-SEPA		
555	555.150	PURCHASED POWER-HMP&L STATION TWO		
555	555.152	PURCHASED POWER-HMP&L-CLEAN AIR		
555	555.188	PURCHASED POWER-RELIANT/ACES		
557	557.110	OTHER EXPENSE-POWER SUPPLY-ARBITRAGE		
557	557.350	OTHER EXPENSE-NON-SMELTER NON-FAC PPA	\$	(2,492,398.96)
560	560.100	OPER SUPERVISION & ENGINEERING-LINES		
560	560.200	<b>OPER SUPERVISION &amp; ENGINEERING-STATIONS</b>		
561	561.100	LOAD DISPATCHING	\$	1,138,944.67
561	561.400	SCHEDULING, SYSTEM CONTROL & DI	\$	2,273,742.42
561	561.800	RELIABILITY PLANNING & STANDARD	\$	149,594.73
562	562.100	STATION EXPENSES		
563	563.100	OVERHEAD LINE EXPENSES	\$	980,035.33
565	565.100	TRANSMISSION OF ELECTRICITY BY OTHERS	\$	2,726,923.82
566	566.100	MISC TRANSMISSION EXPENSE-LINES	\$	517,092.71
566	566.200	MISC TRANSMISSION EXPENSE-STATIONS	\$	282,680.85
567	567.200	RENTS-STATIONS	\$	38,257.65
568	568.100	MAINT SUPERVISION & ENGINEERING-LINES		
568	568.200	MAINT SUPERVISION & ENGINEERING-STATIONS		
569	569.100	MAINTENANCE STRUCTURES		
570	570.100	MAINTENANCE STATION EQUIPMENT		
571	571.100	MAINTENANCE OVERHEAD LINES		
573	573.100	MAINTENANCE MISC TRANSMISSION PLANT-LINES		
573	573.200	MAINTENANCE MISC TRANSMISSION PLANT-STATIONS		
575	575.700	MARKET FACILITATION, MOINITORING - MISO	\$	2,178,605.69
908	908.100	CUSTOMER ASSISTANCE EXPENSES	\$	824,045.49
909	909.100	INFORMATION & INSTRUCTION ADV EXP	\$	16,738.15
913	913.100	ADVERTISING EXPENSE	\$	624,130.04
920	920.100	ADMINISTRATIVE AND GENERAL SALARIES	\$	16,133,772.39
921	921.100	OFFICE SUPPLIES AND EXPENSES	\$	6,647,289.09
921	921.105	OFFICE SUPPLIES AND EXPENSES HMPL EXPENSES	\$ ¢	564,826.69
923	923.100	OUTSIDE SERVICES EMPLOYED	\$	2,532,154.70
925	925.100	INJURIES & DAMAGES EMPLOYEE PENSIONS & BENEFITS-LTD	\$ \$	124,569.93
926	926.100	Emeloide lengions & denerily-pid	ቅ	1,310,165.62

Case No. 2012-00535 Tab 49 Attachment - 807 KAR 5:001 10(10)(c) Sponsoring Witness: Billie J. Richert Page 2 of 6

#### Big Rivers Electric Corporation Case No. 2012-00535 Operating Income Summary by Account Base Period: 12ME April 30, 2013

RUS Account No.	ount Account Account Description		 Amount
928	928.100	REGULATORY COMMISSION EXPENSES	\$ (24,092.77)
930	930.100	GENERAL ADVERTISING EXPENSES	\$ 668,060.41
930	930.200	MISCELLANEOUS GENERAL EXPENSES	\$ 1,161,384.37
931	931.100	RENTS-ADMINISTRATIVE & GENERAL	\$ 1,933.08
935	935.100	MAINTENANCE OF GENERAL PLANT	\$ 186,153.78

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Case No. 2012-00535 Tab 49 Attachment - 807 KAR 5:001 10(10)(c) Sponsoring Witness: Billie J. Richert Page 3 of 6

### Big Rivers Electric Corporation Case No. 2012-00535 Operating Income Summary by Account Forecasted Test Period: 12ME August 31, 2014

RUS Account No.	Big Rivers Account No.	Account Description	 Amount
403	403.110	DEPRECIATION EXPENSE-STEAM PLANT	\$ 21,761,642.00
403	403.111	DEPRECIATION EXPENSE-STEAM PLANT-CLEAN AIR	\$ 13,615,659.00
403	403.400	DEPRECIATION EXPENSE-GAS TURBINE	\$ 309,648.00
403	403.500	DEPRECIATION EXPENSE-TRANSMISSION	\$ 5,035,111.00
403	403.700	DEPRECIATION EXPENSE-GENERAL PLANT	\$ 3,369,604.00
404	404.110	AMORTIZATION EXPENSE	\$ 11,352.00
409	409.100	TAXES-FEDERAL INCOME	\$ 885.00
409	409.200	TAXES-FEDERAL INCOME-OTHER INC/DEDUCT	\$ -
411	411.800	GAIN FROM DISPOSITION OF ALLOWANCES	\$ -
419	419.000	INTEREST & DIVIDEND INCOME	\$ (1,974,857.80)
424	424.000	OTHER CAPITAL CREDITS & PATRONAGE ALLOC	\$ (2,706,447.55)
426	426.000	TAXES-FEDERAL UNEMPLOYMENT-GENERAL	\$ <b>*</b>
426	426.100	DONATIONS	\$ 55,470.75
426	426.300	PENALTIES	\$ -
426	426.400	CIVIC, POLITICAL, RELATED ACTIVITIES EXP	\$ 30,611.56
427	427.100	INTEREST ON LONG-TERM DEBT	\$ 46,983,291.41
427	427.310	INTEREST CHARGED TO CONST-CR	\$ (2,480,401.00)
428	428.000	AMORTIZATIONDEBT EXPENSE	\$ 505,011.83
431	431.100	INTEREST EXPENSE-NRUCFC	\$ -
431	431.300	INTEREST EXPENSE-OTHER	\$ •
434	434.000	EXTRAORDINARY INCOME	\$ -
435	435.000	EXTRAORDINARY DEDUCTIONS	\$ •
447	447.101	SALES FOR RESALE-RUS-KE-RURAL	\$ (179,193,191.76)
447	447.110	SALES FOR RESALE-RUS-KE INDUSTRIALS	\$ (54,432,857.53)
447	447.191	SALES FOR RESALE-RUS-KE-ALCAN/CENTURY	\$ (189,501,760.93)
447	447.193	SALES FOR RESALE-RUS-KE-DOMTAR COGEN	\$ •
447	447.242	SALES FOR RESALE-OTHER-MISO	
454	454.000	RENT FROM ELECTRIC PROPERTY	\$ (24,000.00)
456	456.000	OTHER ELECTRIC REVENUES	
456	456.100	OTHER ELEC REV-POWER SUPPLY	
500	500.100	OPER SUPERVISION & ENGINEERING	
501	501.100	FUEL	
501	501.200	FUEL HANDLING	
501	501.300	BOTTOM ASH DISPOSAL	
502	502.100	STEAM EXPENSES	
502	502.110	STEAM EXPENSES - CLEAN AIR	
502	502.300	SO2 REAGENTS	
505	505.100	ELECTRIC EXPENSES	
506	506.100	MISC STEAM POWER EXPENSE	
506	506.300	NOX REAGENTS	
509	509.100	ALLOWANCES-CLEAN AIR MAINT SUPERVISION & ENG	
510	510.000	WAINT OUL DUALOION & FIND	

Case No. 2012-00535 Tab 49 Attachment - 807 KAR 5:001 10(10)(c) Sponsoring Witness: Billie J. Richert Page 4 of 6

### Big Rivers Electric Corporation Case No. 2012-00535 Operating Income Summary by Account Forecasted Test Period: 12ME August 31, 2014

RUS Account No.	Account Account Account Description			
511	511.100	MAINT STRUCTURES		
512	512.100	MAINT BOILER PLANT		
512	512.110	MAINTENANCE BOILER PLANT-CLEAN AIR		
513	513.100	MAINTENANCE ELECTRIC PLANT		
514	514,100	MAINTENANCE MISC STEAM PLANT		
547	547.130	FUEL-OIL-GAS TURBINE		
548	548.100	GENERATION EXPENSES-GAS TURBINE		
553	553.100	MAINT GENERATING & ELEC PLANT-GAS TURBINE		
555	555.110	PURCHASED POWER-SEPA		
555	555.150	PURCHASED POWER-HMP&L STATION TWO		
555	555.152	PURCHASED POWER-HMP&L-CLEAN AIR		
555	555.188	PURCHASED POWER-RELIANT/ACES		
557	557.110	OTHER EXPENSE-POWER SUPPLY-ARBITRAGE		
557	557.350	OTHER EXPENSE-NON-SMELTER NON-FAC PPA	\$	(1,380,236.32)
560	560.100	<b>OPER SUPERVISION &amp; ENGINEERING-LINES</b>		
560	560.200	OPER SUPERVISION & ENGINEERING-STATIONS		
561	561.100	LOAD DISPATCHING	\$	1,147,091.66
561	561.400	SCHEDULING, SYSTEM CONTROL & DI	\$	1,212,082.00
561	561.800	RELIABILITY PLANNING & STANDARD	\$	79,049.00
562	562.100	STATION EXPENSES	\$	720,811.71
563	563.100	OVERHEAD LINE EXPENSES	\$	1,236,070.20
565	565.100	TRANSMISSION OF ELECTRICITY BY OTHERS	\$	2,448,000.00
566	566.100	MISC TRANSMISSION EXPENSE-LINES	\$	247,977.66
566	566.200	MISC TRANSMISSION EXPENSE-STATIONS	\$	365,943.60
567	567.200	RENTS-STATIONS	\$	58,669.29
568	568.100	MAINT SUPERVISION & ENGINEERING-LINES		
568	568.200	MAINT SUPERVISION & ENGINEERING-STATIONS		
569	569.100	MAINTENANCE STRUCTURES		
570	570.100	MAINTENANCE STATION EQUIPMENT		
571	571.100	MAINTENANCE OVERHEAD LINES		
573	573.100	MAINTENANCE MISC TRANSMISSION PLANT-LINES		
573	573.200	MAINTENANCE MISC TRANSMISSION PLANT-STATIONS		
575	575.700	MARKET FACILITATION, MOINITORING - MISO	\$	1,343,829.00
908	908.100	CUSTOMER ASSISTANCE EXPENSES	\$	1,341,867.84
909	909.100	INFORMATION & INSTRUCTION ADV EXP	\$	32,466.57
913	913.100	ADVERTISING EXPENSE	\$	139,066.92
920	920.100	ADMINISTRATIVE AND GENERAL SALARIES	\$	13,800,793.05
921	921.100	OFFICE SUPPLIES AND EXPENSES	\$	8,136,683.45
921	921.105	OFFICE SUPPLIES AND EXPENSESHMPL EXPENSES	\$	572,889.00
923	923.100	OUTSIDE SERVICES EMPLOYED	\$	$3,\!651,\!542.68$
925	925.100	INJURIES & DAMAGES	\$	-
926	926.100	EMPLOYEE PENSIONS & BENEFITS-LTD	\$	401,840.90

Case No. 2012-00535 Tab 49 Attachment - 807 KAR 5:001 10(10)(c) Sponsoring Witness: Billie J. Richert Page 5 of 6

### Big Rivers Electric Corporation Case No. 2012-00535 Operating Income Summary by Account Forecasted Test Period: 12ME August 31, 2014

RUS Account No.	Big Rivers nt Account Account Description No.			Amount
928	928.100	REGULATORY COMMISSION EXPENSES	\$	71
930	930.100	GENERAL ADVERTISING EXPENSES	\$	-
930	930.200	MISCELLANEOUS GENERAL EXPENSES	\$	1,772,549.22
931	931.100	RENTS-ADMINISTRATIVE & GENERAL	\$	1,933.08
935	935.100	MAINTENANCE OF GENERAL PLANT	\$	216,482.87

NET MARGIN

Case No. 2012-00535 Tab 49 Attachment - 807 KAR 5:001 10(10)(c) Sponsoring Witness: Billie J. Richert Page 6 of 6 ć í

### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1

2	Tab No. 50
3	Filing Requirement
4	807 KAR 5:001 Section 10(10)(d)
5	Sponsoring Witness: Billie J. Richert
6	
7	Description of Filing Requirement:
8	
9	Summary of jurisdictional adjustments to operating income
10	by major account with supporting schedules for individual
11	adjustments and jurisdictional factors;
12	
13	<u>Response:</u>
14	
15	A summary of pro forma adjustments to operating income by
16	major account is included as an attachment to this response.
17	Supporting schedules for individual adjustments are
18	included in Exhibit Wolfram-2 in the Direct Testimony of
19	Mr. John Wolfram at Tab No. 73 (Filing Requirement 807
20	KAR 5:001 10(9)(a)).

Case No. 2012-00535 Tab No. 50 807 KAR 5:001 10(10)(d) Page 1 of 1

<b>Major</b> Account	NOTES	2	426		427	447
Group Schedule 1.01 Schedule 1.01 Schedule 1.02 Schedule 1.02 Schedule 1.03 Schedule 1.03 Schedule 1.04 Schedule 1.05 Schedule 1.07 Schedule 1.07 Schedule 1.09 Schedule 1.10 Schedule 1.11 Schedule 1.12	Remove Fuel Adjustment Clause (FAC) Revenue Remove Fuel Expense Recoverable through the FAC Remove Environmental Surcharge (ES) Revenue Remove Expenses Recoverable through the ES Remove Non-FAC PPA Revenue Remove Expenses Recoverable through the Non-FAC PPA Remove Promotional Advertising Remove Lobbying Expenses Remove Lobbying Expenses Remove Economic Development Expenses Remove Donations Expenses Remove Touchstone Energy Dues Amortize 2011 Rate Case Expenses for Case No. 2011-00036 Remove Non-recurring Labor related to Wilson Layup Normalize Certain Outside Professional Services	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(17,906) (43,328)	* * * * * * * * * * * * * * * *	-	\$ 33,538,999) (21,321,155) 2,426,432 - - - - - - - - - - - - - - - - - - -

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 1 of 7

Major Account	NOTES		500	501		502
Group Schedule 1.01 Schedule 1.01 Schedule 1.02 Schedule 1.02 Schedule 1.03 Schedule 1.03 Schedule 1.04 Schedule 1.05 Schedule 1.06	NOTES Remove Fuel Adjustment Clause (FAC) Revenue Remove Fuel Expense Recoverable through the FAC Remove Environmental Surcharge (ES) Revenue Remove Expenses Recoverable through the ES Remove Non-FAC PPA Revenue Remove Expenses Recoverable through the Non-FAC PPA Remove Promotional Advertising Remove Lobbying Expenses Remove Lobbying Expenses Remove Economic Development Expenses Remove Donations Expenses	*******	-	501 \$ - \$ (26,995,228) \$ - \$ (2,804,058) \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	502 - - 2,173,229) - - - - - - - - - - -
Schedule 1.07 Schedule 1.08 Schedule 1.09 Schedule 1.10 Schedule 1.11 Schedule 1.12	Remove Donations Expenses Remove Touchstone Energy Dues Amortize 2011 Rate Case Expenses for Case No. 2011-00036 Remove Non-recurring Labor related to Wilson Layup Normalize Certain Outside Professional Services Normalize Demand Side Management Expenses	\$ \$ \$ \$	- (338,586) - -	\$ - \$ (295,998) \$ - \$ -	₽\$₽\$₽\$₽	(454,293) - -

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 2 of 7

Major Account Group	NOTES		505	5	506		509
Schedule 1.01 Schedule 1.01 Schedule 1.02 Schedule 1.02 Schedule 1.03 Schedule 1.03 Schedule 1.04 Schedule 1.05 Schedule 1.06 Schedule 1.07 Schedule 1.09 Schedule 1.10 Schedule 1.11 Schedule 1.12	Remove Fuel Adjustment Clause (FAC) Revenue Remove Fuel Expense Recoverable through the FAC Remove Environmental Surcharge (ES) Revenue Remove Expenses Recoverable through the ES Remove Non-FAC PPA Revenue Remove Expenses Recoverable through the Non-FAC PPA Remove Promotional Advertising Remove Lobbying Expenses Remove Lobbying Expenses Remove Economic Development Expenses Remove Donations Expenses Remove Touchstone Energy Dues Amortize 2011 Rate Case Expenses for Case No. 2011-00036 Remove Non-recurring Labor related to Wilson Layup Normalize Certain Outside Professional Services Normalize Demand Side Management Expenses	* * * * * * * * * * * * * * * *	- - - - - - - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		* * * * * * * * * * * * * * * *	- - - - - - - - - - - - - - - - - - -

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 3 of 7

Major Account Group	NOTES		510		511		512
Schedule 1.01	Remove Fuel Adjustment Clause (FAC) Revenue	\$	-	\$	-	\$	-
	Remove Fuel Expense Recoverable through the FAC	\$	-	\$	-	\$	-
Schedule 1.01	Remove Environmental Surcharge (ES) Revenue	\$	-	\$	-	\$	-
Schedule 1.02	Remove Expenses Recoverable through the ES	\$	-	\$	-	\$	-
Schedule 1.02	Remove Expenses Recoverable through the ES	\$	-	\$	-	\$	-
Schedule 1.03	Remove Non-FAC PPA Revenue	\$	-	\$	-	\$	-
Schedule 1.03	Remove Expenses Recoverable through the Non-FAC PPA	φ ¢	-	\$	-	\$	-
Schedule 1.04	Remove Promotional Advertising	φ ¢	-	\$	_	\$	-
Schedule 1.05	Remove Lobbying Expenses	ф n	-	Ψ C	_	ŝ	-
Schedule 1.06	Remove Economic Development Expenses	ð	-	ዋ ድ	_	φ S	-
Schedule 1.07	Remove Donations Expenses	\$	-	ф Ф	-	Ψ C	_
Schedule 1.08	Remove Touchstone Energy Dues	\$	-	ð	-	φ Φ	_
Schedule 1.09	Amortize 2011 Rate Case Expenses for Case No. 2011-00036	\$	-	<b>þ</b>	-	ዋ ው	(500.049)
Schedule 1.10	Remove Non-recurring Labor related to Wilson Layup	\$	(312,319)	\$	(59, 610)	<b>þ</b>	(539,042)
Schedule 1.11	Normalize Certain Outside Professional Services	\$	-	\$	-	\$	-
Schedule 1.12	Normalize Demand Side Management Expenses	\$	-	\$	-	\$	-

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 4 of 7

Major Account Group	NOTES		513		514		555
Schedule 1.01 Schedule 1.01 Schedule 1.02 Schedule 1.02 Schedule 1.03 Schedule 1.03 Schedule 1.04 Schedule 1.05 Schedule 1.06 Schedule 1.07 Schedule 1.09 Schedule 1.10 Schedule 1.11 Schedule 1.12	Normalize Certain Outside Professional Services	* * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * *		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(6,543,771) (5,884,992) - 2,426,432 - - - - - - - - - - - - - - - - - - -

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 5 of 7

Schedule 1.01Remove Fuel Adjustment Clause (FAC) Revenue\$-	Major Account Group	NOTES		908	91	3		920
Schedule 1.09Amortize 2011 flate Case Expenses for Constraints of the Case ExpensesSchedule 1.09Schedule 1.10Semove Non-recurring Labor related to Wilson LayupSchedule 1.11Schedule 1.11Normalize Certain Outside Professional ServicesSchedule 1.12Normalize Demand Side Management ExpensesSchedule 1.12Normalize Demand Side Management ExpensesSchedule 1.12Schedule 1.12Normalize Demand Side Management ExpensesSchedule 1.12Schedule 1.12<	Schedule 1.01 Schedule 1.01 Schedule 1.02 Schedule 1.02 Schedule 1.03 Schedule 1.03 Schedule 1.04 Schedule 1.05 Schedule 1.06 Schedule 1.07 Schedule 1.09 Schedule 1.10	Remove Fuel Expense Recoverable through the FAC Remove Environmental Surcharge (ES) Revenue Remove Expenses Recoverable through the ES Remove Non-FAC PPA Revenue Remove Expenses Recoverable through the Non-FAC PPA Remove Promotional Advertising Remove Lobbying Expenses Remove Lobbying Expenses Remove Economic Development Expenses Remove Donations Expenses Remove Touchstone Energy Dues Amortize 2011 Rate Case Expenses for Case No. 2011-00036 Remove Non-recurring Labor related to Wilson Layup Normalize Certain Outside Professional Services	************	- - - - - - - - - - - - - - - - - - -	* * * * * * *	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$	- - - - - - - - (168,653) - -

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 6 of 7

Major Account Group	NOTES		923		930		Total
Schedule 1.01	Remove Fuel Adjustment Clause (FAC) Revenue	\$	-	\$	-	\$	(33,538,999)
Schedule 1.01	Remove Fuel Expense Recoverable through the FAC	\$	-	\$	-	\$	(33,538,999)
Schedule 1.01 Schedule 1.02	Remove Environmental Surcharge (ES) Revenue	\$	-	\$	-	\$	(21,321,155)
	Remove Expenses Recoverable through the ES	\$	(224, 350)	\$	-	\$	(21, 321, 155)
Schedule 1.02	Remove Non-FAC PPA Revenue	\$	-	\$	-	\$	2,426,432
Schedule 1.03	Remove Expenses Recoverable through the Non-FAC PPA	\$	-	\$	-	\$	2,426,432
Schedule 1.03	Remove Promotional Advertising	ŝ	-	\$	(55,756)	\$	(55,756)
Schedule 1.04		\$	-	\$	(53,017)	\$	(70,923)
Schedule 1.05	Remove Lobbying Expenses	\$	-	ŝ	-	\$	(140, 357)
Schedule 1.06	Remove Economic Development Expenses	¢ ¢	_	\$	(20,000)	\$	(63,328)
Schedule 1.07	Remove Donations Expenses	φ o	-	φ \$	(132,766)	ŝ	(132,766)
Schedule 1.08	Remove Touchstone Energy Dues	þ	-	т -	(132,100)	φ	640,753
Schedule 1.09	Amortize 2011 Rate Case Expenses for Case No. 2011-00036	\$	640,753	\$ \$	-	φ	
Schedule 1.10	Remove Non-recurring Labor related to Wilson Layup	\$	-	\$	-	\$	(2,595,458)
Schedule 1.11	Normalize Certain Outside Professional Services	\$	(267)	\$	-	\$	(267)
Schedule 1.12	Normalize Demand Side Management Expenses	\$	-	\$	-	\$	(131,314)

Case No. 2012-00535 Tab 50 Attachment - 807 KAR 5:001 Section 10(10)(d) Sponsoring Witness: Billie J. Richert Page 7 of 7

### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1 Tab No. 51 2 **Filing Requirement** 3 807 KAR 5:001 Sec. 10(10)(e) 4 Sponsoring Witness: Billie J. Richert 5 6 7 **Description of Filing Requirement:** 8 Jurisdictional federal and state income tax summary for both the base 9 period and the forecasted period with all the supporting schedules of the 10 various components of jurisdictional income taxes 11 12 13 **<u>Response</u>**: FEDERAL INCOME TAX -14 Big Rivers Electric Corporation (Big Rivers) is a member-owned, not-for 15 profit, generation and transmission cooperative. Big Rivers utilizes federal 16 non-patron operating losses (NOLs) to offset regular non-patron income. 17 As of tax year-end 2011, Big Rivers' federal non-patron NOLs total 18 \$30,112,768. Anticipated federal income tax payments for the base period 19 and forecasted test period are: 20 Base period-twelve months ending 4/30/2013 \$0 Forecast test year-twelve months ending 8/31/2014 \$0 21 22 23

> Case No. 2012-00535 Tab No. 51 807 KAR 5:001 10(10)(e) Page 1 of 2

### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1	
2	KENTUCKY STATE INCOME TAX -
3	Big Rivers utilizes Kentucky state patron operating losses (KYNOLs) to
4	offset regular non-patron income. As of tax year-end 2011, Big Rivers'
5	state non-patron KYNOLs total \$325,626,385.
6	Anticipated Kentucky state income tax payments for the base period and
7	forecasted test period are:
8	Base period-twelve months ending 4/30/2013\$0Forecast test year-twelve months ending 8/31/2014\$0
9	OTHER STATE INCOME TAX -
10	Big Rivers has ownership interest in ACES. As a member, Big Rivers
11	reports its distributive share of ACES's income or loss for each state in
12	which ACES has nexus.
13	Anticipated payments for other state income taxes the base period
14	and the Forecasted test period are:
	Base Period - TME 4/30/2013
	California \$800
	Arizona 50
	North Carolina 35
15	
	Forecast Test Period - TME 8/31/2014
	California \$800
	Arizona 50
	North Carolina 35
16	

Case No. 2012-00535 Tab No. 51 807 KAR 5:001 10(10)(e) Page 2 of 2

.

## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

1 2 3 4 5 6 7	Tab No. 52 Filing Requirement 807 KAR 5:001 Sec. 10(10)(f) Sponsoring Witness: Billie J. Richert <u>Description of Filing Requirement:</u>
8	Summary schedules for both the base period and the
9	forecasted period (the utility may also provide a summary
10	segregating those items it proposes to recover in rates) of
11	organization membership dues; initiation fees; expenditures
12	at country clubs; charitable contributions; marketing, sales,
13	and advertising expenditures; professional service expenses;
14	civic and political activity expenses; expenditures for
15	employee parties and outings; employee gift expenses; and
16	rate case expenses
17	
18 19	<u>Response:</u>
20	Please see the attachment to this response for summary
21	schedules of the following items for both the base period and
22	forecasted test period:
23	<ul> <li>Organization membership dues;</li> </ul>
24	• Initiation fees;
25	• Country club expenses;

Case No. 2012-00535 Tab No. 52 807 KAR 5:001 10(10)(f) Page 1 of 2

## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

1	
2	• Charitable contributions;
3	<ul> <li>Marketing, sales, and advertising expenses;</li> </ul>
4	• Professional service expenses;
5	• Civic and political activity expenses;
6	• Employee parties and outings;
7	• Employee gift expenses; and
8	• Rate case expenses

Case No. 2012-00535 Tab No. 52 807 KAR 5:001 10(10)(f) Page 2 of 2

Summary of Membership Dues; Initiation Fees, Country Club Expenses, Charitable Contributions; Marketing, Sales, and Advertising Expenses; Professional Service Expenses; Civic and Political Activity Expenses; Employee Parties and Outings; Employee Gift Expenses; and Rate Case Expenses

Description of Expenditure		se Period E 4/30/2013	Т	orecasted est Period IE 8/31/2014
Membership Dues -				
Kentucky Association of Coops Inc		52,320		54,360
National Renewables Coop Org.		61,404		79,008
NERC		264,400		290,000
NRECA		312,917		354,806
Northwest Kentucky Training Consortium		300		-
Paducah Chamber of Commerce		1,100		-
NG&T Managers Associations		800		800
North American Transmission Forum		25,000		25,000
Touchstone Energy		128,899		132,766
SFPC				62,500
Total Membership Dues		847,140	\$	999,240
Initiation Fees -				
	\$	-	\$	-
Total Initiation Fees	\$		\$	_
County Club Expenses -				
	\$	-	\$	-
Total Country Club Expenses	\$		\$	-
Charitable Contributions -				
426 Donations	\$	70,871	\$	43,328
NRECA		20,000		20,000
Total Charitable Contributions	\$	90,871	\$	63,328
Marketing, Sales, and Advertising Expenses -				
908 Customer Assistance Expenses	\$	901,018	\$	1,131,312
909 Information and Instruction Adv. Exp.	-	7,755		-
910 Misc. Customer Svc. & Informational Exp.		-		
913 Advertising Expense		235,428		140,357
930 Misc. General Expenses		58,715		55,756
Total Marketing, Sales, and Advertising Expenses	\$	1,202,916	\$	1,327,425

Summary of Membership Dues; Initiation Fees, Country Club Expenses, Charitable Contributions; Marketing, Sales, and Advertising Expenses; Professional Service Expenses; Civic and Political Activity Expenses; Employee Parties and Outings; Employee Gift Expenses; and Rate Case Expenses

Description of Expenditure		ase Period <u>AE 4/30/2013</u>	r	Forecasted Fest Period <u>ME 8/31/2014</u>
Professional Service Expenses -				
American Management Consulting LLC	\$	44,605	\$	<u>-</u>
Associated Engineers, Inc.	Ψ	2,200	Ψ	-
Burns & McDonnell		25,000		<b>~</b>
Cardwell Energy Associates Inc.		1,000		-
Catalyst Consulting LLC		44,438		-
DB Consulting LLC		11,412		-
DLA Piper LLP		253		-
Doe Anderson, Inc.		16,132		-
Duke Energy Ohio, Inc.		5,997		-
Fidelity Institutional Operations Co., Inc.		7,058		-
GDS Associates, Inc.		71,832		8,500
Hogan Lovells, LLP		136,833		-
Hunton & Williams LLP		49,862		-
Integrity Development Consultants, Inc.		5,894		-
KPMG LLP		146,268		157,000
L Robert Kimball		50,392		60,000
McBrayer, McGinnis, Leslie & Kirkland, PLLC		6,725		•
Mercer Inc./Wm. M.		209,868		-
Myriad CPA Group		15,000		21,500
Navigant Consulting, Inc.		3,000		-
Ohio Valley Financial Group		46,124		-
Orrick, Herrington & Sutcliffe LLP		148,688		24,000
Power Costs Inc.		6,951		-
Sullivan, Mountjoy, Stainback & Miller, P.S.C.		428,495		174,000
TSE Services Inc.		48,828		-
Ziemer, Stayman, Weitzel & Shoulders, LLP		10,327		-
923 Outside Services Employed		491,416		718,408
923 Outside Services Power Supply		224,501		432,620
923 Outside Services Generation		10,896		21,432
928 Regulatory Commission Expenses		3,134		5,408
Total Professional Service Expenses	\$	2,273,131	\$	1,622,868

Summary of Membership Dues; Initiation Fees, Country Club Expenses, Charitable Contributions; Marketing, Sales, and Advertising Expenses; Professional Service Expenses; Civic and Political Activity Expenses; Employee Parties and Outings; Employee Gift Expenses; and Rate Case Expenses

Description of Expenditure		se Period E 4/30/2013	Forecasted Test Period 12ME 8/31/2014		
Civic and Political Activity Expenses -					
426 Civic, Political, Related	\$	6,725	\$	-	
923 Outside Services Employed	Ŧ	6,720	Ŧ	13,440	
920 Administrative and General Salaries		-,		1,566	
NRECA		44,526		53,017	
Total Civic and Political Activity Expenses	\$	57,971	\$	68,023	
Employee Parties and Outings -					
Employee Parties and Outings	\$	24,790	\$	25,286	
Total Employee Parties and Outings	\$	24,790	\$	25,286	
Employee Gift Expenses -					
Employee Gifts	\$	38,003	\$	25,960	
Total Employee Gifts	\$	38,003	\$	25,960	
Rate Case Expenses - Rate Case No. 2011-00036					
Burns & McDonnell	\$	34,434	\$	-	
Catalyst Consulting LLC		14,613		-	
Hogan Lovells LLP		26,584		-	
The Prime Group		2,888		-	
Sullivan, Mountjoy, Stainback & Miller, P.S.C.		59,907		•	
Total Rate Case Expenses	\$	138,425	\$		

Summary of Membership Dues; Initiation Fees, Country Club Expenses, Charitable Contributions; Marketing, Sales, and Advertising Expenses; Professional Service Expenses; Civic and Political Activity Expenses; Employee Parties and Outings; Employee Gift Expenses; and Rate Case Expenses

Description of Expenditure	25 0000	e Period 4/30/2013	Forecasted Test Period 12ME 8/31/2014		
Rate Case Expenses - Rate Case No. 2012-00535 (	See Note 1)				
Sullivan, Mountjoy, Stainback & Miller, P.S.C.	\$	-	\$	151,540	
Dinsmore & Shohl, LLP		-		173,693	
Catalyst Consulting		-		137,085	
Burns & McDonnell		-		33,432	
ACES Power Marketing				14,313	
Daniel Walker		-		18,595	
Total 2012 Rate Case Expenses	\$		\$	528,658	
Total	\$	4,673,246	\$	4,660,788	

**Note 1:** Big Rivers is requesting approval to recover, through rates, the costs it incurs in this case and the authority to amortize those costs over 36 months as explained in the Direct Testimony of Ms. DeAnna M. Speed (Tab No. 68). The 2012 rate case expenses included in the Forecasted Test Period (above) represent one-third of the total budgeted rate case expenses associated with this case (Case No. 2012-00535).

### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1

2	Tab No. 53
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(10)(g)
5	Sponsoring Witness: James V. Haner
6	
7	
8	Description of Filing Requirement:
9	Analyses of payroll costs including schedules for wages and salaries,
10	employee benefits, payroll taxes, straight time and overtime hours and
11	executive compensation by title.
12	<u>Response</u> :
13	Analyses of officer and non-officer base period and forecasted test period
14	payroll costs, including schedule for wages and salaries, employee
15	benefits, payroll taxes and straight time and overtime hours are included
16	as an attachment to this response $^{1,2}$ .

<sup>&</sup>lt;sup>1</sup> Big Rivers' budget assumes each employee will have 2,080 hours of straight time and paid time off per year. Big Rivers does not budget overtime hours; instead Big Rivers budgets overtime dollars by applying a factor to straight time.

<sup>&</sup>lt;sup>2</sup> Big Rivers' straight time dollars and hours include straight time worked and paid time off benefits for vacation, holiday, sick and personal time.

### Big Rivers Electric Corporation Case No. 2012-00535 Analysis of Payroll Costs

			(				r	
	Historical Base Period (Actuals)		Forecasted Base Period (Budget)		Base Period Total		Forecasted Test Period Sep-13 to Aug-14	
	May	May-12 to Oct-12 Nov-12 to Apr-13 May-12 to Apr-13		7-12 to Apr-13				
Description of Expenditure								
Wages and Salaries -								
Straight-time	\$	21,789,451	\$	21,907,723	\$	43,697,174	\$	40,734,937
Overtime		2,745,566		2,808,164		5,553,730		5,034,009
Incentive Pay		-		1,500,000		1,500,000		-
Total Wages and Salaries	\$	24,535,017	\$	26,215,887	\$	50,750,904	\$	45,768,946
Employer Payroll Taxes -								o (01 00)
F.I.C.A.	\$	1,874,574	\$	1,867,983	\$	3,742,557	\$	3,461,99
Federal & State Unemployment Taxes		11,314		56,961		68,275		115,92
Total Payroll Taxes	\$	1,885,888	\$	1,924,944	\$	3,810,832	\$	3,577,922
Employee Benefits (Employer portion)								
401k Plan	\$	752,490	\$	756,236	\$	1,508,726	\$	1,415,31
Dental Insurance		205,495		212,945		418,440		400,18
Group Life Insurance		134,410		136,826		271,236		251,15
Long Term Disability Insuarnce		154,879		196,739		351,618		303,35
Medical Insurance		4,153,512		4,329,365		8,482,877		8,069,26
Post Retirement Medical		1,088,293		886,130		1,974,423		1,324,44
Pension		4,066,744		3,533,175		7,599,919		5,795,18
Workers Compensation		342,954		373,658		716,612		677,80
Total Employee Benefits	\$	10,898,778	\$	10,425,074	\$	21,323,852	\$	18,236,70
Description							······	
Straight Time Hours		616,193		630,000		1,246,193		1,157,62
Over Time Hours		63,381			<u> </u>	63,381	L	

Case No. 2012-00535 Tab 53 Attachment - 807 KAR 5:001 Section 10(10)(g) Sponsoring Witness: James V. Haner Page 1 of 3

### Big Rivers Electric Corporation Case No. 2012-00535 Analysis of Payroll Costs

Description of Expenditure	(	orical Base Period Actuals) -12 to Oct-12	Forecasted Base Period (Budget) Nov-12 to Apr-13		Base Period Total May-12 to Apr-13		Forecasted Test Period Sep-13 to Aug-14	
	Ducaido	nt and Chief E	voo	utive Officer				
Total Compensation	Preside		xec	utive Officer				
Base Compensation	\$	261,120	\$	265,187	\$	526,307	\$	542,308
Other Compensation	\$	9,000	\$	9,000	\$	18,000	\$	18,000
Incentive Compensation		-		-		-		-
Total Compensation	\$	270,120	\$	274,187	\$	544,307	\$	560,308
Payroll Taxes -								
F.I.C.A.	\$	3,786	\$	10,895	\$	14,681	\$	15,173
Fed & State Unemployment Taxes		-		203		203		227
Total Payroll Taxes	\$	3,786	\$	11,098	\$	14,884	\$	15,400
Employee Benefits -								
401k Plan	\$	4,410	\$	4,535	\$	8,945	\$	9,180
Dental Insurance		282		292		574		605
Group Life Insurance		1,410		1,418		2,828		2,900
Long Term Disability Insurance		821		929		1,750		1,966
Medical Insurance		7,323		7,368		14,691		15,085
Post Retirement Medical		2,471		1,688		4,159		2,679
Pension		12,000		12,111		24,111		24,320
Workers Compensation		67		70		137		146
<b>Total Employee Benefits</b>	\$	28,784	\$	28,411	\$	57,194	\$	56,881

Case No. 2012-00535 Tab 53 Attachment - 807 KAR 5:001 Section 10(10)(g) Sponsoring Witness: James V. Haner Page 2 of 3

## Big Rivers Electric Corporation Case No. 2012-00535 Analysis of Payroll Costs

	Historical Base Period (Actuals) May-12 to Oct-12	Forecasted Base Period (Budget) Nov-12 to Apr-13	Base Period Total May-12 to Apr-13	Forecasted Test Period Sep-13 to Aug-14	
--	--	---	--	---	--

	<u>Vice President P</u>	Produ	<u>action</u>		1 [	
Total Compensation Base Compensation Other Compensation Incentive Compensation Total Compensation	\$ 141,280 \$ 3,968 - \$ 145,248		143,481 4,369 155,631 <b>303,481</b>	\$ 284,761 \$ 8,337 155,631 \$ 448,729	\$ \$ \$	293,418 8,811 10,000 <b>312,229</b>
Payroll Taxes - F.I.C.A. Fed & State Unemployment Taxes Total Payroll Taxes	\$ 2,049 - \$ 2,049		9,815 203 10,018	\$ 11,864 203 \$ 12,066		11,564 227 <b>11,791</b>
Employee Benefits - 401k Plan Dental Insurance Group Life Insurance Long Term Disability Insuarnce Medical Insurance Post Retirement Medical Pension	\$ 4,410 282 778 821 7,323 2,471 12,000 67		$\begin{array}{r} 4,535\\292\\792\\929\\7,368\\1,688\\12,111\\70\end{array}$	574 1,570 1,750 14,691 4,159 24,111 137		$9,180 \\ 605 \\ 1,642 \\ 1,966 \\ 15,085 \\ 2,679 \\ 24,320 \\ 146 \\ 55622$
Workers Compensation Total Employee Benefits	\$ 28,153	\$	27,785	\$ 55,937	\$	55,622


#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1	
2	Tab No. 54
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(10)(h)
5	Sponsoring Witness: John Wolfram
6	
7	
8	<u>Description of Filing Requirement</u> :
9	Computation of the gross revenue conversion factor for the forecast period.
10	
11	Response:
12	Big Rivers did not utilize a gross revenue conversion factor to determine
13	the revenue deficiency in this proceeding. Therefore, this filing
14	requirement is not applicable to Big Rivers.

Case No. 2012-00535 Tab No. 54 807 KAR 5:001 10(10)(h) Page 1 of 1

	Actual alendar Year 2007		Actual alendar Year 2008	C	Actual Calendar Year 2009		Actual Calendar Year 2010		Actual Calendar Year 2011		Base Period 12ME 4/30/2013		ecasted Period 2ME 1/2014	Budget Calendar Year 2015		Bud Cale Ye 20	ndar ar
Line Item: Electric Energy Revenues Income from Leased Property-Net Other Operating Revenue and Income	\$ 261,892 29,588 9,714	\$	204,519 29,348 10,240	\$	326,730 15,889 14,604		514,490 12,834		558,372		4,644		3,696		- 3,697		- 3,696
Total Oper Revenues & Patronage Capital	\$ 301,194	\$	244,107	\$	357,223	\$	527,324	\$	561,989								
Operation Expense-Production-excl fuel Operation Expense-Production-Fuel Operation Expense-Other Power Supply Operation Expense-Transmission	\$ - 167,963 9,374	\$	- 112,761 7,222	\$	22,381 80,654 115,826 8,257	\$	52,507 207,748 99,421 8,122	\$	50,410 226,229 112,262 9,183 2,530								
Operation Expense - RTO/ISO Consumer Service & Informational Expense Operation Expense - Sales Operation Expense - Administrative & General	672 605 14,196		- 697 724 17,477		717 552 24,191		446 240 26,462		632 185 26,557 427,988								
Total Operation Expense	\$ 192,810	\$	138,881	\$	252,578	\$	394,946	\$	427,988			1	0				
Maintenance Expense-Production Maintenance Expense-Transmission Maintenance Expense-General Plant	\$ - 3,781 416	\$	4,002 209	\$	24,400 5,226 170		42,157 4,473 250		42,896 4,681 141								
Total Maintenance Expense	\$ 4,197	\$	4,211	\$	29,796	\$	46,880		47,718		14.004	<b>.</b>	44 102	¢	46,847	¢.	47,800
Depreciation & Amortization Expense Taxes Interest on Long-Term Debt Interest Charged to Construction-Credit Other Interest Expense Other Deductions	\$ 5,068 1,086 74,115 (392) 27 (2,797)	)	5,303 1,072 75,193 (492 7 4,870	)	$18,465 \\ 1,831 \\ 60,028 \\ (133) \\ 4 \\ 2,169$	)	34,242 263 47,064 (683) 189 166		35,407 98 45,715 (548) 59 220	\$	41,324 1 45,126 (602 55 402	)	44,103 1 46,983 (2,480) - 591	φ	40,341 1 47,086 (499) - 594	Ŷ	1 46,728 (368) 445
Total Cost of Electric Service	\$ 274,114	\$	229,045	\$	364,738	\$	523,067	\$	556,657								
Operating Margins	\$ 27,080	\$	15,062	\$	(7,515	) \$	4,257	\$	5,332							•	

Case No. 2012-00535 Tab 55 Attachment - 807 KAR 5:001 10(10)(i) Sponsoring Witness: Billie J. Richert Page 1 of 2

			(III \$000						
	Actual Calendar Year 2007	Actual Calendar Year 2008	Actual Calendar ( Year 2009	Actual Calendar Year 2010	Actual Calendar Year 2011	Base Period 12ME 4/30/2013	Forecasted Test Period 12ME 8/31/2014	Budget Calendar Year 2015	Budget Calendar Year 2016
<b>T</b> 1			\$ 316 \$	391 \$	150	\$ 1,556	Ψ	\$ 1,880	\$ 1,819
Line Item: Interest Income Other Non-Operating Income - net Other Capital Credits & Pat Dividends	\$ 19,311 - 786	\$ 11,963 - 791	13 538	2,321 21	9 109	1,277	2,706	2,623 -	2,539
Other Capital Credits & Fat Dividenas Extraordinary Items	-	-	537,978	6,990	5,600				
Net Patronage Capital or Margins	\$ 47,177	\$ 27,816	\$ 531,330 \$	6,990	p 0,000	:			
<b>Description:</b> Sales to Members-MWh Rural Large Industrial	2,406.447 921,358	2,386,916 925,793	2,239,445 919,587 2,885,491	2,481,390 930,168 6,348,431	2,371,106 973,092 6,854,819	$2,420,926 \\953,162 \\7,370,193 \\10,744,281$	2,436,557 943,699 3,159,206 6,539,462	2,479,656 943,699 3,159,206 6,582,561	2,519,437944,1073,167,8626,631,406
Smelter	3,327,805	3,312,709	6,044,523	9,759,989	10,199,017	10,744,201	0,000,102		
Total Sales to Members-MWh	5,027,000								
Generation-MWh (Net of HMPL Share)	- 34.04	-	42.88	44.13	44.74	49.74	€ 64.70	67.87	
Revenue from Members (Mills per kWh)	34,04			61%	4%	5%	.39%	1%	1%
% kWh Increase Over Previous Period	4%			26%	28%		6 27%	3 29%	30%
% Equity / Total Assets	-13%			1.15	1.12	2 1.2	8 1.20	) 1.24	1.18
TIER DSC	1.64 2.04			1.47	1.4'	7 1.55	1.51	1.56	1.48
System Peak Demand-MW Winter Season Summer Season	604 658			1,367 1,393	1,375 1,441	1,529			) 1,068
Member Load Growth % Energy	49			61% 7%	49		% -39% % -31%		
Demand Annual Load Factor %	3% 58%			80%		% 80	% 719	% 719	% 71%

Case No. 2012-00535 Tab 55 Attachment - 807 KAR 5:001 10(10)(i) Sponsoring Witness: Billie J. Richert Page 2 of 2

#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

1	Tab No. 55
2	Filing Requirement
3	807 KAR 5:001 Section 10(10)(i)
4	Sponsoring Witness: Billie J. Richert
5 6 7	Description of Filing Requirement:
8	Comparative income statements (exclusive of dividends per
9	share or earnings per share), revenue statistics and sales
10	statistics for 5 calendar years prior to application filing
11	date, base period, forecasted period, and 2 calendar years
12	beyond forecast.
13	
14 15	<u>Response:</u>
16	Comparative income statements and sales and revenue
17	statistics for the 5 calendar years prior to this application
18	(note that 2012 is not yet available), the base period,
19	forecasted period, and 2 calendar years beyond the forecast
20	period (2015 and 2016) are included as an attachment to this
21	response.

Case No. 2012-00535 Tab No. 55 807 KAR 5:001 10(10)(i) Page 1 of 1

Line Item:		Actual alendar Year 2007		Actual alendar Year 2008				Actual Calendar Year 2010		Actual Calendar Year 2011		Base Period 12ME 30/2013	Test 12	ecasted Period 2ME 1/2014	Cale Y	dget endar ear 015	Cale	ar
Electric Energy Revenues	s	261,892	\$	204,519	¢	326,730	¢	E14 400	•									
Income from Leased Property-Net	+	29,588	v	29,348	ą	15,889	Φ	514,490	\$	558,372								
Other Operating Revenue and Income		9,714		10,240		14,604		12,834		3,617	$\sim$	4,644		3,696		-		-
Total Oper Revenues & Patronage Capital	\$	301,194	\$	244,107	\$	357,223	\$	527,324	\$	561,989		3,043		3,690		3,697		3,696
Operation Expense-Production-excl fuel	\$	-	\$		s	22,381	\$	52,507	8	50,410								
Operation Expense-Production-Fuel		-		-	-	80,654	Ŷ	207,748	Ψ	226,229								
Operation Expense-Other Power Supply		167,963		112,761		115,826		99,421		112,262								
Operation Expense-Transmission		9,374		7,222		8,257		8,122		9,183								
Operation Expense - RTO/ISO		84		-		-		-		2,530								
Consumer Service & Informational Expense		672		697		717		446		632								
Operation Expense - Sales		605		724		552		240		185								
Operation Expense - Administrative & General		14,196		17,477		24,191		26,462		26,557								
Total Operation Expense	\$	192,810	\$	138,881	\$	252,578	\$	394,946	\$	427,988								
Maintenance Expense-Production	e		\$		s	04.400	•	(0.1-7	•									
Maintenance Expense-Transmission	÷.	3,781	Φ	4.002	Ģ	24,400	Ф	42,157	\$	42,896								
Maintenance Expense-General Plant		416		4,002		5,226 170		4,473		4,681	İ.							
Total Maintenance Expense								250		141								
	\$	4,197	\$	4,211	\$	29,796	\$	46,880	\$	47,718								F
Depreciation & Amortization Expense	\$	5,068	\$	5,303	\$	18,465	\$	34,242	\$	35,407	\$	41,324	\$	44,103	e	46,847	P	47,800
Taxes		1,086		1,072		1,831		263	•	98	¥	1	Ψ	14,100	φ	1	P '	±1,000 1
Interest on Long-Term Debt		74,115		75,193		60,028		47.064		45,715		45,126		46,983		47.086		46,728
Interest Charged to Construction-Credit		(392)		(492)		(133)	•	(683)		(548)		(602)		(2,480)		(499)		•
Other Interest Expense		27		7		4		189		59		55		(2,400)		(433)		(368)
Other Deductions		(2,797)		4,870		2,169		166		220	2	402		- 591		- 594		- 445
Total Cost of Electric Service	\$	274,114	\$	229,045	\$	364,738	\$	523,067	\$	556,657								
Operating Margins	rgins \$ 27,080 \$ 15,062 \$ (7,		(7,515)	\$	4,257	\$	5,332											

Case No. 2012-00535 Tab 55 Attachment - 807 KAR 5:001 10(10)(i) Sponsoring Witness: Billie J. Richert Page 1 of 2

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Line Item:	Actual Calendar Year 2007	Actual Calendar Year 2008	Actual Calendar Year 2009	Actual Calendar Year 2010	Actual Calendar Year 2011	Base Period 12ME 4/30/2013	Forecasted Test Period 12ME 8/31/2014	Budget Calendar Year 2015	Budget Calenda Year 2016
Interest Income	\$ 1 <b>9</b> ,311	\$ 11,963	\$ 316	¢				2013	2016
Other Non-Operating Income - net	-	-	ه من 13	\$ 391 2,321		\$ 1,556	\$ 1,976	\$ 1,880	\$ 1,8
Other Capital Credits & Pat Dividends Extraordinary Items	786	7 <b>9</b> 1	538 537,978	2,321 21	9 109	1,277	2,706	2,623	- 2,5
Net Patronage Capital or Margins	\$ 47,177	\$ 27,816		\$ 6,990	\$ 5,600	•	-	-	-
Description: Sales to Members-MWh Rural	0.400.445								
Large Industrial	2,406,447	2,386,916	2,239,445	2,481,390	2,371,106	2,420,926	2,436,557	2,479,656	2,519,4
Smelter	921,358	925,793	919,587	930,168	973,092	953,162	943,699	943,699	944,1
Total Sales to Members-MWh	3,327,805	3,312,709	2,885,491	6,348,431	6,854,819	7,370,193	3,159,206	3,159,206	3,167,8
		3,312,709	6,044,523	9,759,989	10,199,017	10,744,281	6,539,462	6,582,561	6,631,4
Generation-MWh (Net of HMPL Share)	- 5	-							
Revenue from Members (Mills per kWh)	34.04	34.57	42.88	44.13	44.74	49.74	64.70	67.87	69
% kWh Increase Over Previous Period	4%	0%	82%	61%	4%	5%		1%	
% Equity / Total Assets	-13%	-14%	25%	26%	28%	26%		29%	
FIER	1.64	1.37	9.85	1.15	1.12	1.28	1.20	1.24	1
DSC	2.04	1.17	2.44	1.47	1.47	1.55	1.51	1.56	1
System Peak Demand-MW									
Winter Season	604	619	1,304	1.907	1.007				
Summer Season	653	616	1,304	1,367 1,393	1,375 1,441	1,529 1,529	1,057 1,053	1,063 1,060	1,0 1,0
fember Load Growth %									
Energy Demand	4%	0%	82%	61%	4%	5%	9044		
Demaild	3%	-5%	111%	7%	3%	6%	-39% -31%	1%	
Annual Load Factor %	58%	61%	53%	80%	81%	80%	-31%	1% 71%	7
No. 2012-00535									,
No. 2012-00535									

Tab 55 Attachment - 807 KAR 5:001 10(10)(i) Sponsoring Witness: Billie J. Richert 

#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

2 3	Tab No. 56 Filing Requirement
4	807 KAR 5:001 Sec. 10(10)(j)
5	Sponsoring Witness: Billie J. Richert
6	
7	
8	Description of Filing Requirement:
9	Cost of capital summary for both the base period and forecasted period
10	with supporting schedules providing details on each component of the
11	capital structure.
12	<u>Response</u> :
13	Cost of capital summaries for both the base period and forecasted period,

1

- 14 with supporting schedules providing details of each component of the
- 15 capital structure, are included as an attachment to this response.

Case No. 2012-00535 Tab No. 56 807 KAR 5:001 10(10)(j) Page 1 of 1

#### **Big Rivers Electric Corporation** Case No. 2012-00535 **Cost of Capital Schedules**

## Cost of Capital Summary - Base Period (as of April 30, 2013)

Capital Components	Est	imated Balance as of 4/30/2013	Interest Rate (a)	Ratio (b)	Cost of Capital [(a) x (b)]
Pollution Control Bonds: 2013 Series PC Bonds 2010A Series PC Bonds	\$ \$	58,800,000 83,300,000	6.000% 6.000%	6.347% 8.991%	0.381% 0.539%
RUS: Series A Note Series B Note	\$ \$	80,040,466 132,203,981	5.836% 5.799%	8.639% 14.269%	0.504% 0.827%
CFC: Series 2012B Refinance Note Series 2012B Equity Note Secured Credit Facility - ECP Borrowing	\$ \$ \$	294,999,647 42,529,840 5,010,000	4.500% 5.350% 3.000%	31.840% 4.590% 0.541%	1.433% 0.246% 0.016%
CoBank: Series 2012A Term Loan	\$	229,608,416 926,492,350	4.300% _	24.783%	1.066%
Total Debt	<u></u>	320, 432, 300			1.24

TIER Requirement

6.215%

Case No. 2012-00535 Tab 56 - 807 KAR 5:001 Section 10(10)(j) Sponsoring Witness: Billie J. Richert Page 1 of 2

#### Big Rivers Electric Corporation Case No. 2012-00535 Cost of Capital Schedules

# Cost of Capital Summary - Forecasted Test Period (as of August 31, 2014)

Capital Components	Fore	ecasted Balance as of 8/31/2014	Interest Rate (a)	Ratio (b)	Cost of Capital [(a) x (b)]
Pollution Control Bonds: 2013 Series PC Bonds 2010A Series PC Bonds	\$ \$	56,450,000 83,300,000	6.000% 6.000%	5.903% 8.711%	0.354% 0.523%
RUS: Series A Note Series B Note	<del>\$</del>	80,097,979 142,062,841	5.836% 5.799%	8.376% 14.855%	0.489% 0.861%
CFC: Series 2012B Refinance Note Series 2012B Equity Note Secured Credit Facility - ECP Borrowing	\$ \$ \$	277,849,800 40,548,994 55,810,000	4.500% 5.350% 3.000%	29.054% 4.240% 5.836%	1.307% 0.227% 0.175%
CoBank: Series 2012A Term Loan Total Debt	\$ \$	220,187,072 956,306,686	4.300% _	23.025%	0.990%
					1.24

**TIER** Requirement

1.24 6.109%

Case No. 2012-00535 Tab 56 - 807 KAR 5:001 Section 10(10)(j) Sponsoring Witness: Billie J. Richert Page 2 of 2

#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

1	Tab No. 57
2	Filing Requirement
3	807 KAR 5:001 Section 10(10)(k)
4	Sponsoring Witness: Billie J. Richert
5	
6	<u>Description of Filing Requirement:</u>
7	
8	Comparative financial data and earnings measures for the
9	ten (10) most recent calendar years, the base period, and the
10	forecast period.
11	
12	<u>Response:</u>
13	
14	Comparative financial data and earnings measures for the
15	ten (10) most recent calendar years (note that 2012 is not
16	yet available), the base period, and the forecasted test
17	period is included as an attachment to this response.

Case No. 2012-00535 Tab No. 57 807 KAR 5:001 10(10)(k) Page 1 of 1

	(	Actual Calendar Year 2002	Actual Salendar Year 2003	(	Actual Calendar Year 2004	(	Actual Calendar Year 2005	(	Actual Calendar Year 2006	(	Actual Calendar Year 2007
Line Item: Electric Energy Revenues Income from Leased Property-Net Other Operating Revenue and Income	\$	136,363 25,798 10,754	\$ 151,969 28,746 11,617	\$	164,810 29,500 10,967	\$	181,367 29,469 9,913		190,834 29,544 9,858		261,892 29,588 9,714
Total Oper Revenues & Patronage Capital	\$	172,915	\$ 192,332	\$	205,277	\$	220,749	\$	230,236	\$	301,194
Operation Expense-Production-excl fuel Operation Expense-Production-Fuel Operation Expense-Other Power Supply Operation Expense-Transmission Operation Expense - RTO/ISO Consumer Service & Informational Expense Operation Expense - Sales Operation Expense - Administrative & General	\$	$ \begin{array}{r} -\\ 84,995\\ 4,140\\ -\\ 526\\ 468\\ 8,073 \end{array} $	\$ 96,619 5,771 - 563 493 9,667	\$	104,791 4,582 - 590 671 10,564	\$	- 112,805 4,970 - 729 722 11,583	\$	- 112,757 5,586 - 664 711 12,430	\$	$ \begin{array}{r}     - \\     167,963 \\     9,374 \\     - \\     672 \\     605 \\     14,196 \\ \end{array} $
Total Operation Expense	\$	98,202	\$ 113,113	\$	121,198	\$	130,809	\$	132,148	\$	192,810
Maintenance Expense-Production Maintenance Expense-Transmission Maintenance Expense-General Plant	\$	2,357 81	\$ 2,465 152	\$	2,474 99 2,573	\$	2,904 221 3,125	\$	3,334 274 3,608	\$	3,781 416 4,197
Total Maintenance Expense	\$	2,438	\$ 2,617	\$	2,073	Φ	0,140	Ψ	0,000	Ψ	-,

Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 1 of 8

	Actual Calendar Year 2008	(	Actual Calendar Year 2009	(	Actual Calendar Year 2010	(	Actual Calendar Year 2011	Base Period 12ME 4/30/2013	Forecasted Test Period 12ME 8/31/2014
<b>Line Item:</b> Electric Energy Revenues Income from Leased Property-Net Other Operating Revenue and Income	\$ 204,519 29,348 10,240	\$	326,730 15,889 14,604	\$	514,490	\$	558,372	4,644	- 3,696
Total Oper Revenues & Patronage Capital	\$ 244,107	\$	357,223	\$	527,324	\$	561,989		
Operation Expense-Production-excl fuel Operation Expense-Production-Fuel Operation Expense-Other Power Supply Operation Expense-Transmission Operation Expense - RTO/ISO Consumer Service & Informational Expense Operation Expense - Sales Operation Expense - Administrative & General	\$ - 112,761 7,222 - 697 724 17,477	\$	22,38180,654115,8268,257-71755224,191		52,507 207,748 99,421 8,122 - 446 240 26,462	\$	$50,410 \\ 226,229 \\ 112,262 \\ 9,183 \\ 2,530 \\ 632 \\ 185 \\ 26,557 \\ 107,000 $		
Total Operation Expense	\$ 138,881	\$	252,578	\$	394,946	\$	427,988		
Maintenance Expense-Production Maintenance Expense-Transmission Maintenance Expense-General Plant	\$ 4,002 209	\$	24,400 5,226 170		42,157 4,473 250		42,896 4,681 141		
Total Maintenance Expense	\$ 4,211	\$	29,796	\$	46,880	\$	47,718		

Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 2 of 8

	Actual alendar Year 2002	Actual Calendar Year 2003	Actual Calendar Year 2004	(	Actual Calendar Year 2005	(	Actual Calendar Year 2006	Actual Calendar Year 2007
Line Item: Depreciation & Amortization Expense Taxes Interest on Long-Term Debt Interest Charged to Construction-Credit Other Interest Expense Other Deductions	\$ $4,841 \\1,027 \\70,585 \\(42) \\5 \\(2,597)$	\$ 4,925 1,038 68,885 (145) 45 (2,649)	\$ $\begin{array}{c} 4,958\\ 1,120\\ 68,644\\ (221)\\ 49\\ (2,665)\end{array}$	\$	4,942 1,114 71,744 (160) 20 (2,732)	\$	5,053 1,100 73,344 (236) 31 (2,770)	5,068 1,086 74,115 (392) 27 (2,797)
Total Cost of Electric Service	\$ 174,459	\$ 187,829	\$ 195,656	\$	208,862	\$	212,278	\$ 274,114
Operating Margins	\$ (1,544)	\$ 4,503	\$ 9,621	\$	11,887	\$	17,958	\$ 27,080
Interest Income Other Non-Operating Income - net Other Capital Credits & Pat Dividends Extraordinary Items	\$ 10,869 2 728 -	\$ 11,079 - 656 2,111	\$ 11,730 - 674 -		13,681 - 775 -		15,800 - 784 -	 19,311 - 786 - 47,177
Net Patronage Capital or Margins	\$ 10,055	\$ 18,349	\$ 22,025	\$	26,343	\$	34,542	\$ 47,177

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	Actual alendar Year 2008	(	Actual Calendar Year 2009	C	Actual Calendar Year 2010	(	Actual Calendar Year 2011	Base Period 12ME /30/2013	Te	recasted st Period 12ME /31/2014
Line Item: Depreciation & Amortization Expense Taxes Interest on Long-Term Debt Interest Charged to Construction-Credit Other Interest Expense Other Deductions	\$ 5,303 1,072 75,193 (492) 7 4,870	\$	$18,465 \\ 1,831 \\ 60,028 \\ (133) \\ 4 \\ 2,169$	\$	34,242 263 47,064 (683) 189 166	\$	35,407 98 45,715 (548) 59 220	\$ $41,324 \\ 1 \\ 45,126 \\ (602) \\ 55 \\ 402$	\$	$44,103 \\ 1 \\ 46,983 \\ (2,480) \\ - \\ 591$
Total Cost of Electric Service	\$ 229,045	\$	364,738	\$	523,067	\$	556,657	 		
Operating Margins	\$ 15,062	\$	(7,515)	\$	4,257	\$	5,332			
Interest Income Other Non-Operating Income - net Other Capital Credits & Pat Dividends Extraordinary Items	\$ 11,963 - 791 -	\$	316 13 538 537,978	\$	391 2,321 21 -	\$	150 9 109 -	\$ 1,556 1,277	\$	1,976 - 2,706 -
Net Patronage Capital or Margins	\$ 27,816	\$	531,330	\$	6,990	\$	5,600			

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Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 4 of 8

	Actual Calendar Year 2002	alendar Calendar C Year Year		Actual Calendar Year 2005	Actual Calendar Year 2006	Actual Calendar Year 2007
Line Item: Description: Sales to Members-MWh Rural Large Industrial	2,114,691 1,077,323	2,089,688 962,670	2,132,801 997,202	2,262,698 971,243	2,231,554 956,502	2,406,447 921,358
Smelter Total Sales to Members-MWh	3,192,014	3,052,358	3,130,003	3,233,941	3,188,056	3,327,805
Generation-MWh (Net of HMPL Share) Revenue from Members (Mills per kWh) % kWh Increase Over Previous Period	- 33.97 -3% -27%	- 33.78 -4% -25%	- 33.55 3% -23%	- 33.84 3% -21%	- 34.11 -1% -17%	- 34.04 4% -13%
% Equity / Total Assets TIER	1.14	1.27	1.32	1.37	1.47	1.64
DSC	1.19	1.46	1.76	1.79	1.86	2.04
System Peak Demand-MW Winter Season Summer Season	531 603	585 584	562 604	558 618	593 631	604 653

Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 5 of 8

e on p						
	Actual Calendar Year 2008	Actual Calendar Year 2009	Actual Calendar Year 2010	Actual Calendar Year 2011	Base Period 12ME 4/30/2013	Forecasted Test Period 12ME 8/31/2014
Line Item:						
Description:						
Sales to Members-MWh	2,386,916	2,239,445	2,481,390	2,371,106	2,420,926	2,436,557 943,699
Rural	2,380,910 925,793	919,587	930,168	973,092	953,162 7.370,193	3,159,206
Large Industrial	526,100	2,885,491	6,348,431	6,854,819	10,744,281	6,539,462
Smelter	3,312,709	6,044,523	9,759,989	10,199,017	10,744,201	
Total Sales to Members-MWh						
Generation-MWh (Net of HMPL Share)	-					
	94 57	42.88	44.13	44.74	49.74	64.70
Revenue from Members (Mills per kWh)	34.57	42.00			<b>2</b> 0/	-39%
	0%	82%	61%	4%	5%	-3970
% kWh Increase Over Previous Period	0.0				26%	27%
	-14%	25%	26%	28%	2070	
% Equity / Total Assets			1 15	1.12	1.28	1.20
TIER	1.37	9.85	1.15	1.12		
HER		2.44	1.47	1.47	1.55	1.51
DSC	1.17	2.44	200			
						1.057
System Peak Demand-MW	619	1,304	1,367	1,375	1,529	
Winter Season	616		1,393	1,441	1,529	1,000
Summer Season	020					

Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 6 of 8

	Actual Calendar Year 2002	Actual Calendar Year 2003	Actual Calendar Year 2004	Actual Calendar Year 2005	Actual Calendar Year 2006	Actual Calendar Year 2007
<b>Line Item:</b> Member Load Growth % Energy Demand	-3% 1%	-4% -3%	3% 3%	3% 2%	-1% 2%	4% 3%
Annual Load Factor %	60%	60%	59%	60%	58%	58%

Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 7 of 8

	Actual Calendar Year 2008	Actual Calendar Year 2009	Actual Calendar Year 2010	Actual Calendar Year 2011	Base Period 12ME 4/30/2013	Forecasted Test Period 12ME 8/31/2014
<b>Line Item:</b> Member Load Growth % Energy Demand	0% -5%	82% 111%	61% 7%	4% 3%	5% 6%	-39% -31%
Annual Load Factor %	61%	53%	80%	81%	80%	71%

Case No. 2012-00535 Tab 57 Attachment - 807 KAR 5:001 10(10)(k) Sponsoring Witness: Billie J. Richert Page 8 of 8

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## Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements

(Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013) 1 Tab No. 58 2 **Filing Requirement** 3 807 KAR 5:001 Sec. 10(10)(l) 4 Sponsoring Witness: Albert M. Yockev 5 6 7 **Description of Filing Requirement:** 8 Narrative description and explanation of all proposed tariff changes. 9 10 **Response**: 11 A narrative description and explanation of all proposed tariff changes are 12 included in the Direct Testimony of Mr. Albert M. Yockey under Tab 65 13 (Filing Requirement 807 KAR 5:001 Sec 10(9)(a)). Also, please see the 14 Present Tariff versus Proposed Tariff shown in side-by-side comparative 15 format at Tab 9. 16 17

> Case No. 2012-00535 Tab No. 58 807 KAR 5:001 10(10)(l) Page 1 of 1

#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)

1	Tab No. 59
2	Filing Requirement
3	807 KAR 5:001 Section 10(10)(m)
4	Sponsoring Witness: Billie J. Richert
5	
6	Description of Filing Requirement:
7	
8	Revenue summary for both base and forecasted periods with
9	supporting schedules which provide detailed billing analyses
10	for all customer classes.
11	
12	<u>Response:</u>
12 13	<u>Response:</u>
	<b>Response:</b> The base period revenue summary, which includes detailed
13	
13 14	The base period revenue summary, which includes detailed
13 14 15	The base period revenue summary, which includes detailed billing analyses for all customer classes, is included on
13 14 15 16	The base period revenue summary, which includes detailed billing analyses for all customer classes, is included on pages 1 through 4 of the attachment to this response.
13 14 15 16 17	The base period revenue summary, which includes detailed billing analyses for all customer classes, is included on pages 1 through 4 of the attachment to this response. The forecasted period revenue summary, which

Case No. 2012-00535 Tab No. 59 807 KAR 5:001 10(10)(m) Page 1 of 1 Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Base Period 12ME - April 30, 2013 Base Year 5/1/2012 - 4/30/2013 Revenue Summary

	Total Base Year					
	Revenue (000s)					
Rural	\$	124,786				
Large Industrial		45,927				
Smelter		363,712				
Total	\$	534,425				

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 1 of 8

## Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Base Period 12ME - April 30, 2013 Billing Analysis Base Year Actual Billing Determinants and Revenue 5/1/2012 - 10/31/2012 Forecasted Billing Determinants and Revenue 11/1/2012 - 12/31/2012 Budgeted Billing Determinants and Revenue 1/1/2013 - 4/30/2013

Smelter <u>Rate</u>	<b>Billing Units</b>		Rate	Revenue \$
Base Fixed Energy (kWh)	7,325,304,000	\$	0.039405	\$ 288,655,720
Base Variable Energy	34,591,103		0.021806	754,294
	12,573,778		0.039529	497,024
Back-Up Energy	(2,493,184)		0.034709	(86, 535)
Surplus Energy	217,000		0.030114	6,535
Supplemental Energy	7,325,304,000		0.002942	$21,\!550,\!670$
TIER Adjustment	7,359,895,103		(0.000505)	(3,714,688)
Non-FAC PPA	7,359,895,103		0.003492	25,702,084
FAC	7,359,895,103		0.002263	$16,\!652,\!656$
Environmental Surcharge	7,359,895,103		0.001860	13,690,361
Surcharge	1,000,000,200			4,276
Adjustment		\$	0.049349	\$ 363,712,397
Rate (\$/kWh)		+		

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 2 of 8

## Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Base Period 12ME - April 30, 2013 Billing Analysis Base Year Actual Billing Determinants and Revenue 5/1/2012 - 10/31/2012 Forecasted Billing Determinants and Revenue 11/1/2012 - 12/31/2012 Budgeted Billing Determinants and Revenue 1/1/2013 - 4/30/2013

Rural Rate	<b>Billing Units</b>	Rate	Billing \$	<u> </u>	Revenue \$
Demand (kW) Energy (kWh) Base Rate (\$/kWh)	5,388,931 2,420,925,805 2,420,925,805	\$ 9.50 0.029736 0.050883	\$ 51,194,844 71,988,650 123,183,494	\$ \$	51,194,844 71,988,650 123,183,494
Non-Smelter Non-FAC PPA FAC Environmental Surcharge Surcredit Economic Reserve Rate (\$/kWh)	2,420,925,805 2,420,925,805 2,420,925,805 2,420,925,805 2,420,925,805 2,420,925,805	\$ $\begin{array}{c} (0.001242) \\ 0.003480 \\ 0.002534 \\ (0.004110) \\ (0.006442) \\ 0.045103 \end{array}$	\$ $\begin{array}{c} (3,006,668) \\ 8,423,690 \\ 6,135,605 \\ (9,950,155) \\ (15,596,792) \\ \hline 109,189,174 \end{array}$	\$	(3,006,668) 8,423,690 6,135,605 (9,950,155) 124,785,966

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 3 of 8

## Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Base Period 12ME - April 30, 2013 Billing Analysis Base Year Actual Billing Determinants and Revenue 5/1/2012 - 10/31/2012 Forecasted Billing Determinants and Revenue 11/1/2012 - 12/31/2012 Budgeted Billing Determinants and Revenue 1/1/2013 - 4/30/2013

Large Industrial Rate	Billing Units	Rate	Billing \$	Revenue \$
Demand (kW) Energy (kWh) Base Rate (\$/kWh)	1,700,070 953,161,521 953,161,521	\$ $\begin{array}{r} 10.50 \\ 0.024505 \\ 0.043233 \end{array}$	\$ $\begin{array}{r} 17,850,735\\ 23,357,223\\ 41,207,958\end{array}$	\$ $\begin{array}{r} 17,850,735\\ 23,357,223\\ 41,207,958\end{array}$
Non-Smelter Non-FAC PPA FAC Environmental Surcharge Surcredit Economic Reserve Rate (\$/kWh)	953,161,521 953,161,521 953,161,521 953,161,521 953,161,521	\$ $\begin{array}{c} (0.001249) \\ 0.003490 \\ 0.006866 \\ (0.004156) \\ (0.010744) \\ 0.037440 \end{array}$	\$ $\begin{array}{c}(1,190,856)\\3,326,542\\6,544,658\\(3,961,493)\\(10,240,683)\\35,686,126\end{array}$	\$ $(1,190,856) \\ 3,326,542 \\ 6,544,658 \\ (3,961,493) \\ \hline 45,926,809$

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 4 of 8 Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Forecasted Period 12ME - August 31, 2014 Forecasted Year 9/1/2013 - 8/31/2014 Revenue Summary

	Total Forecasted Year					
	Revenue (000s)					
Rural	\$	179,193				
Large Industrial		54,433				
Smelter		189,502				
Total	\$	423,128				

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 5 of 8

# Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Forecasted Period 12ME - August 31, 2014

Billing Analysis Forecasted Year Budgeted Billing Determinants and Revenue 9/1/2013 - 8/31/2014

Smelter Rate	Billing Units		Rate	Revenue \$
Base Fixed Energy (kWh)				\$ 150,368,554
TIER Adjustment Non-FAC PPA FAC Environmental Surcharge Surcharge Rate (\$/kWh)	3,159,206,400 3,159,206,400 3,159,206,400 3,159,206,400 3,159,206,400 3,159,206,400	\$	$\begin{array}{r} 0.002945 \\ (0.000369) \\ 0.005121 \\ 0.002818 \\ 0.001872 \\ 0.059984 \end{array}$	$\begin{array}{cccc} \$ & 9,303,467 \\ & (1,165,347) \\ & 16,176,808 \\ & 8,905,812 \\ & 5,912,468 \\ \$ & 189,501,761 \end{array}$

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 6 of 8

# Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Forecasted Period 12ME - August 31, 2014

Billing Analysis Forecasted Year Budgeted Billing Determinants and Revenue 9/1/2013 - 8/31/2014

Rural Rate	Billing Units	 Rate		Billing \$	 Revenue \$
Demand (kW)	5,322,297	\$ 16.95	\$	90,212,932	\$ 90,212,932
Energy (kWh)	$2,\!436,\!557,\!000$	0.030000		73,096,710	73,096,710
Base Rate (\$/kWh)	$2,\!436,\!557,\!000$	\$ 0.067025	•	163,309,642	163,309,642
Non-Smelter Non-FAC PPA FAC	2,436,557,000 2,436,557,000	\$ (0.000781) 0.005141	\$	(1,903,467) 12,526,275	\$ (1,903,467) 12,526,275
Environmental Surcharge Surcredit	2,436,557,000 2,436,557,000	0.003897 ( $0.001738$ )		9,496,100 (4,235,358)	9,496,100 (4,235,358)
Economic Reserve	2,436,557,000 2,436,557,000	 (0.001738) (0.010114)		(4,235,358) (24,642,915)	(4,200,000)
Rate (\$/kWh)		\$ 0.063430	\$	154,550,277	\$ 179,193,192

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 7 of 8

## Big Rivers Electric Corporation Case No. 2012-00535 Billing Determinants and Revenue Forecasted Period 12ME - August 31, 2014 Billing Analysis Forecasted Year Budgeted Billing Determinants and Revenue 9/1/2013 - 8/31/2014

Large Industrial Rate	Billing Units		Rate	 Billing \$	Revenue \$
Demand (kW) Energy (kWh) Base Rate (\$/ kWh)	1,674,594 943,698,679 943,698,679 =	\$ \$	$\begin{array}{r} 12.41 \\ 0.030000 \\ 0.052022 \end{array}$	\$ $\begin{array}{r} 20,781,712\\ \underline{28,310,960}\\ 49,092,672\end{array}$	\$ $20,781,712 \\ 28,310,960 \\ 49,092,672$
Non-Smelter Non-FAC PPA FAC	943,698,679 943,698,679	\$	(0.000781) 0.005125	\$ (737,229)4,836,245	\$ (737,229)4,836,245
Environmental Surcharge Surcredit Economic Reserve	943,698,679 943,698,679 943,698,679		0.003092 (0.001777) (0.009302)	2,918,280 (1,677,110) (8,778,318)	2,918,280 (1,677,110)
Rate (\$/kWh)		\$	0.048379	\$ 45,654,540	\$ 54,432,858

Case No. 2012-00535 Tab 59 Attachment - 807 KAR 5:001 Section 10(10)m Sponsoring Witness: Billie J. Richert Page 8 of 8

	<b>Big Rivers Electric Corporation</b>
	Case No. 2012-00535
	Forecasted Test Period Filing Requirements
	(Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)
1	
2	Tab No. 60
3	Filing Requirement
4	807 KAR 5:001 Sec. 10(10)(n)
5	Sponsoring Witness: John Wolfram
6	
7	
8	Description of Filing Requirement:
9	A typical bill comparison under present and proposed rates for all
10	customer classes.
11	
**	
12	Response:
13	A typical bill comparison under present and proposed rates
14	for all customer classes is included as an attachment to
15	Filing Requirement 807 KAR 5:001 Sec. 10(1)(b)(9) at Tab
16	No. 10. Typical bill comparisons are also described in the
17	Direct Testimony of Mr. John Wolfram at Tab No. 73 (Filing
18	Requirement 807 KAR 5:001 Sec. 10(9)(a)).

Case No. 2012-00535 Tab No. 60 807 KAR 5:001 10(10)(n) Page 1 of 1 .

#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1	Tab No. 61 Filing Requirement
2 3	807 KAR 5:001 Sec. 10(11)
4	Sponsoring Witness: Albert M. Yockey
5	
6	
7	Description of Filing Requirement:
8	A request for waiver of any of the provisions of these filing requirements
9	must set forth the specific reasons for the request. The commission shall
10	grant the request for waiver upon good cause shown by the utility. In
11	determining whether good cause has been shown, the commission may
12	consider:
13	(a) Whether other information which the utility would provide if the waiver
14	is granted is sufficient to allow the commission to effectively and
15	efficiently review the rate application;
16	(b) Whether the information which is the subject of the waiver request is
17	normally maintained by the utility or reasonably available to it from
18	the information which it maintains; and
19	(c) The expense to the utility in providing the information which is the
20	subject of the waiver request.
21	Response:
22	Big Rivers is not requesting any waivers at this time. Please note that on

23 December 20, 2012, the Commission issued an order in this proceeding

Case No. 2012-00535 Tab No. 61 807 KAR 5:001 10(11) Page 1 of 2

#### Big Rivers Electric Corporation Case No. 2012-00535 Forecasted Test Period Filing Requirements (Forecasted Test Period 12ME 8/31/2014; Base Period 12ME 4/30/2013)

1	granting Big Rivers a deviation and allowing Big Rivers to file its
2	Application under the version of the Commission's regulations existing
3	prior to the revisions that became effective January 4, 2013.

Case No. 2012-00535 Tab No. 61 807 KAR 5:001 10(11) Page 2 of 2

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	<b>Big Rivers Electric Corporation</b>
	Case No. 2012-00535
	Forecasted Test Period Filing Requirements
	(Forecast Test Year 12ME 08/31/2014; Base Period 12ME 04/30/2013)
1	Tab No. 62
2	Kentucky IRP Standard
3	Ordering Paragraph No. 2,
4	Commission's Order dated July 24, 2012
5 6	Sponsoring Witness: Albert M. Yockey
7 8	Description of Order Requirement:
9 10	The Kentucky IRP Standard which states:
10	
11	Each electric utility shall integrate energy
12	efficiency resources into its plans and shall adopt
13	policies establishing cost-effective energy efficiency
14	resources with equal priority as other resource
15	options.
16	
17	In each integrated resource plan, certificate case,
18	and rate case, the subject electric utility shall
19 20	fully explain its consideration of cost-effective
20	energy efficiency resources as defined in the Commission's IRP regulation (807 KAR
21 22	5:058).
22	<i>J. U J O J</i> :
23	
24	<u>Response:</u>
25	
26	Please see the Direct Testimony of Mr. Albert M. Yockey at
27	Tab No. 65 (Filing Requirement 807 KAR 5:001 Sec. 10(9)(a))
28	for a discussion of Big Rivers' cost-effective energy efficiency
29	resources, and their impact on Big Rivers' rate request.
30	

Case No. 2012-00535 Tab No. 62 Order in Case No. 2008-00408 Page 1 of 1