COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF BIG RIVERS ELECTRIC CORPORATION TO ADJUST ELECTRIC RATES

CASE NO.

2009-00040

FIRST DATA REQUEST OF COMMISSION STAFF
TO BIG RIVERS ELECTRIC CORPORATION

Big Rivers Electric Corporation ("Big Rivers"), pursuant to 807 KAR 5:001, is to file with the Commission the original and 10 copies of the following information, with a copy to all parties of record. The information requested herein is due on or before either 14 days after the initial submission of the rate application or 28 days after the date of this data request, whichever is later. Responses to requests for information shall be appropriately bound, tabbed and indexed. Each response shall include the name of the witness responsible for responding to the questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Big Rivers shall make timely amendment to any prior response if it obtains information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which Big Rivers fails or refuses to furnish all or part of the requested information, it shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations.

All "Formats" referred to in this data request are attached in the Appendix.

- 1. Provide Big Rivers' current bylaws. Indicate any changes to the bylaws since Big Rivers' most recent general rate case.
- 2. Provide Big Rivers' equity management plan. Indicate when the current plan was adopted and identify any changes made in the plan since the year utilized as the test year in Big Rivers' last rate case. Provide a 5-year analysis of the amount of capital credits refunded to members under the plan and indicate the amounts related to general retirements and special retirements.
- 3. Provide a current organization chart, showing the relationship between Big Rivers and any affiliates. Include the relative positions of all entities and affiliates with which Big Rivers has business transactions.
 - 4. Concerning non-regulated activities:

- a. Is Big Rivers engaged in any non-regulated activities? If yes, provide a detailed description of each non-regulated activity.
- b. Is Big Rivers engaged in any non-regulated activities through an affiliate? If yes, provide the name of each affiliate and the non-regulated activity in which it is engaged.
- c. Identify each service agreement with each affiliate and indicate whether the service agreement is on file with the Commission. Provide a copy of each service agreement not already on file with the Commission.
- d. Has Big Rivers loaned any money or property to any affiliate? If yes, describe in detail what was loaned, the terms of the loan, and the name of the affiliate.
- e. If Big Rivers has guaranteed any loans or borrowings for any affiliate, for each guarantee, provide copies of the loan guarantee documentation, a description of the terms and conditions of the guarantee, and the name of the affiliate.
- 5. Provide separate schedules, for the test year and the two calendar years immediately preceding the test year, that show the following information regarding Big Rivers' investments in subsidiaries and joint ventures:
 - a. Name of subsidiary or joint venture;
 - b. Date of initial investment;
- c. Description of the nature and business activities of the subsidiary or joint venture;
- d. Amount and type of investment made for each of the periods included in this response;

- e. A separate schedule of all dividends or income of any type received by Big Rivers from its subsidiaries or joint ventures for the test year and 3 preceding calendar years. Indicate how this income is reflected in the financial statements of Big Rivers; and
- f. Name of officers of each of the subsidiaries or joint ventures, officers' annual compensation, and portion of compensation charged to the subsidiary or joint venture. Indicate the position that each officer holds with Big Rivers and the compensation received from Big Rivers.
- 6. Provide Big Rivers' internal accounting manuals, directives, and policies and procedures.
- 7. Provide the studies, including all applicable workpapers, that are the basis for plant allocations and expense account allocations.
- 8. Describe the procedures that Big Rivers uses to plan and approve construction projects.
 - 9. Provide Big Rivers' long-term construction planning program.
- 10. Provide a statement of electric plant in service, per company books, for the test year. This data shall be presented as shown in Format 10. The information provided in Format 10 should be separated by the Plant Accounts numbered 300-399 as provided by the Uniform System of Accounts. Where appropriate, major assets within each Plant Account shall be shown separately from other assets in the Plant Account.
- 11. Provide the following monthly account balances and a calculation of the average (13-month) account balances for the test year:

- a. Plant in service (Account No. 101);
- b. Plant purchased or sold (Account No. 102);
- c. Property held for future use (Account No. 105);
- d. Construction work in progress (Account No. 107);
- e. Completed construction not classified (Account No. 106);
- f. Deprecation reserve (Account No. 108);
- g. Materials and supplies (include all accounts and subaccounts);
- h. Computation and development of minimum cash requirements;
- i. Balance in accounts payable applicable to amounts included in utility plant in service (if actual is indeterminable, give reasonable estimate);
- j. Balance in accounts payable applicable to amounts included in plant under construction (if actual is undeterminable, give reasonable estimate); and
- k. Balance in accounts payable applicable to prepayments by major category or subaccount.
- 12. Provide a reconciliation and detailed explanation of each difference, if any, in the capitalization and net investment rate base of Big Rivers for the test year.
- 13. Provide, in comparative form, a detailed income statement, a statement of cash flows, and a balance sheet for the test year and the calendar years ended for 2007 and 2008.
- 14. Provide Big Rivers' rate of return on net investment rate base for the test year and 5 preceding calendar years. Include the data used to calculate each return.

- 15. Provide Big Rivers' times interest earned ratio and debt service coverage ratio, as calculated by the Rural Utilities Service ("RUS"), for the test year and the 5 preceding calendar years. Include the data used to calculate each ratio.
- 16. Provide Big Rivers' capital structure at the end of each of the periods shown in Format 16.
- 17. a. List all outstanding issues of long-term debt as of the end of the latest calendar year and the end of the test period, together with the related information, as shown in Format 17a. A separate schedule is to be provided for each time period. Report in Column (k) of Format 17a, Schedule 2, the actual dollar amount of debt cost for the test year. Compute the actual and annualized composite debt cost rates and report them in Column (j) of Format 17a, Schedule 2.
- b. Provide an analysis of end-of-period short-term debt and a calculation of the average and end-of-period cost rates as shown in Format 17b.
- c. Provide the anticipated dates for draw downs of unadvanced loan funds.
- 18. Provide a calculation of the rate or rates used to capitalize interest during construction for the test year and the 3 most recent calendar years. Explain each component entering into the calculation of the rate(s).
- 19. a. Provide a trial balance as of the last day of the test year showing account number, subaccount number, account title, subaccount title, and amount. The trial balance shall include all asset, liability, capital, income, and expense accounts used by Big Rivers. All income statement accounts should show activity for 12 months.

Show the balance in each control account and all underlying subaccounts per company books.

- b. Provide a side-by-side comparison of the annual balances of each income statement account shown on the trial balance provided in response to item a. for the test year and each of the 5 calendar years prior to the test year.
- 20. a. Provide a schedule, as shown in Format 20, comparing the balances for each balance sheet account or subaccount included in Big Rivers' chart of accounts for each month of the test year to the same month of the 12-month period immediately preceding the test year.
- b. Provide a schedule, as shown in Format 20, comparing each income statement account or subaccount included in Big Rivers' chart of accounts for each month of the test year to the same month of the 12-month period immediately preceding the test year. The amounts should reflect the income or expense activity of each month rather than the cumulative balances as of the end of the particular month.
- 21. Provide the following information for each item of electric property or plant held for future use at the end of the test year:
 - a. Description of property;
 - b. Location;
 - c. Date purchased;
 - d. Cost:
 - e. Estimated date to be placed in service;
 - f. Brief description of intended use; and
 - g. Current status of each project.

- 22. List all properties leased to the utility and all improvements to leased properties, together with annual lease payments which are capitalized, in the format provided in Schedule 5.
- 23. List all non-utility property, related property taxes, and the accounts where amounts are recorded for the test period. Include a description of the property, the date purchased, and the cost.
 - 24. Provide the following information concerning fuel purchases:
- a. A schedule showing by month and by year the dollar amount of fuel purchases for the test year and the last 3 calendar years;
- b. A calculation showing the average (13-month) number of days' supply of coal on hand for the test year and each of the last 3 calendar years. Include all workpapers along with a detailed description of the factors considered in determining what constitutes an average day's supply of coal; and
- c. The actual fuel costs for the 3 most recent calendar years in total dollars, cents per kWh generated, and cents per MMBTU for each type of fuel. Also provide the actual amounts of each type of fuel used, the number of BTUs obtained from each type of fuel, and the kWh generated by each type of fuel.
- 25. Provide purchased power costs for the test year and 2 most recent calendar years. These costs should be separated into demand and energy costs. The actual and estimated kW demands and kWh purchased should be included. Indicate any estimates used and explain the estimates in detail.
- 26. Provide the following information concerning Big Rivers' board of directors:

- a. The name and personal mailing address of each member of Big Rivers' board of directors. Indicate the distribution cooperative each director represents. If any changes occur in board membership during the course of these proceedings, update your response to this request.
- b. A detailed analysis of the total compensation paid to each member of the board of directors during the test year including all fees, fringe benefits, and expenses, with a description of the type of meetings, seminars, etc. attended by each member. If any of the expenses in this analysis include the costs for a director's spouse, identify such expenses separately.
- c. Big Rivers' policies specifying the compensation of directors and a schedule of standard directors' fees, per diems, and other compensation in effect during the test year. If changes occurred during the test year, indicate the effective date and the reason for the changes.
- 27. Provide the date, time, and a general description of the activities at the most recent annual members' meeting. Indicate the number of new board members elected. For the most recent meeting and the 5 previous annual members' meetings, provide the number of members in attendance, the number of members voting for new board members, and the total cost of the annual meeting.
- 28. Provide a schedule reflecting the salaries and other compensation of each executive officer for the test year and 2 preceding calendar years. Include the percentage annual increase and the effective date of each increase, the job title, duty and responsibility of each officer, the number of employees who report to each executive officer, and to whom each executive officer reports. Also, for employees

elected to executive officer status during the test year, provide the salaries, for the test year, for those persons whom they replaced.

29. Provide the following:

- a. A schedule of salaries and wages for the test year and each of the 3 calendar years preceding the test year as shown in Format 29a. For each time period, provide the amount of overtime pay; and
- b. A schedule showing the percentage of increase in salaries and wages for both union and non-union employees for the test year and the 5 preceding calendar years.
 - 30. Provide the following payroll information for each employee:
 - a. The actual regular hours worked during the test year;
 - b. The actual overtime hours worked during the test year;
- c. The test-year-end wage rate for each employee and the date of the last increase; and
- d. A calculation of the percent of increase granted during the test year.
- e. The information requested shall identify all the employees as either salaried or hourly and as either full-time, part-time, or temporary. Employee numbers or other identifiers may be used instead of employee names. Include an explanation of how the overtime pay rate is determined. All employees terminated during the test year shall be identified (along with the month in which the termination occurred), as well as those employees who replaced terminated employees or were otherwise added to the payroll during the test year.

- 31. Provide the following payroll tax information:
- a. The base wages and salaries used to calculate the taxes, with an explanation of how the base wages and salaries were determined; and
 - b. The tax rates in effect at test-year-end.
- 32. Provide a schedule of all employee benefits available to Big Rivers' employees. Include the number of employees at test-year-end covered under each benefit, the test-year-end actual cost of each benefit, the amount of the cost capitalized, the amount of the cost expensed, and the account numbers in which the capitalized or expensed costs were recorded.
- 33. Provide detailed descriptions of all early retirement plans or other staff reduction programs Big Rivers has offered or intends to offer its employees. Provide all cost-benefit analyses associated with these programs.
- 34. Provide a copy of all current labor contracts and the most recent labor contracts previously in effect.
- 35. Provide each group medical insurance policy that Big Rivers currently maintains.
- 36. List separately the budgeted and actual numbers of full-time and part-time employees by employee group, by month and by year, for the test year and each of the 3 previous calendar years.
- 37. Provide a copy of all wage, compensation, and employee benefits studies, analyses, or surveys currently utilized by Big Rivers.
 - 38. Refer to Big Rivers' pension plan.

- a. Provide a complete description of the financial reporting and ratemaking treatment of pension costs.
 - b. Provide the most recent actuarial report for pension costs.
- c. Identify, by account number and title, all test year pension costs and provide a detailed analysis showing how test year pension costs were determined.
- d. Provide a comparison of the cost of pensions during the test year and the 5 previous calendar years. In this comparison, separate the amounts that were capitalized from the amounts that were expensed.
- 39. Refer to Big Rivers' post-retirement benefits other than pensions as accounted for pursuant to SFAS No. 106.
 - a. State the date Big Rivers adopted SFAS No. 106.
- b. Show the impact on Big Rivers' financial statements at the time of adoption.
- c. Provide a complete description of the financial reporting and ratemaking treatment of post-retirement benefits by Big Rivers.
- d. Provide the most recent actuarial report for post-retirement benefits.
- e. Identify, by account number and title, all test year post-retirement benefits and provide a detailed analysis showing how test year post-retirement costs were determined.
- f. Provide a comparison of the cost of post-retirement benefits during the test year and the 5 previous calendar years. In this comparison, separate the amounts that were capitalized from the amounts that were expensed.

- 40. Refer to Big Rivers' post-employment benefits as accounted for pursuant to SFAS 112.
 - a. State the date Big Rviers adopted SFAS 112.
- b. Show the impact on Big Rivers' financial statements at the time of adoption.
- c. Provide a complete description of the financial reporting and ratemaking treatment of post-employment benefits.
- d. Provide the most recent actuarial report for post-employment benefits.
- e. Identify, by account number and title, all test year post-employment benefits and provide a detailed analysis showing how test year post-employment costs were determined.
- f. Provide a comparison of the cost of post-employment benefits during the test year and the 5 previous calendar years. In this comparison, separate the amounts that were capitalized from the amounts that were expensed.
- 41. Refer to Big Rivers' adoption of SFAS No. 158, "Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans." Provide the following:
 - a. The date that Big Rivers adopted SFAS No. 158;
 - b. The effect on the financial statements; and
 - c. The cost related to SFAS No. 158 that are included in the test year.
- 42. Describe how the test-year capitalization rate was determined. If differing rates were used for specific expenses (i.e., payroll, transportation clearing accounts,

depreciation, etc.), indicate the rate and how it was determined. Indicate all proposed changes to the test-year capitalization rate and how they were determined.

- 43. Provide Big Rivers' written policies on the compensation of its attorneys, auditors, and all other professional service providers. Include a schedule of fees, per diems, and other compensation in effect during the test year. Include all agreements, contracts, memoranda of understanding, and any other documentation that explains the nature and type of reimbursement paid for professional services. Indicate if any changes occurred during the test year, the effective date of these changes, and the reason for these changes.
- 44. Provide a detailed analysis of expenses incurred during the test year for professional services, as shown in Format 44. Include detailed workpapers supporting this analysis which show the payee, dollar amount, reference (i.e., voucher no., etc.), account charged, hourly rates and time charged to the utility according to each invoice, and a brief description of the service provided. Identify all rate case work by case number.
- 45. Provide a detailed analysis of advertising expenditures during the test year. Include a breakdown of Account No. 913, Advertising Expenses, as shown in Format 45, and show any advertising expenditures included in other expense accounts. Specify the purpose and expected benefit of each expenditure. If any amounts were allocated, show a calculation of the factor used to allocate each amount.
- 46. Provide an analysis of Account No. 930, Miscellaneous General Expenses, for the test year. Include a complete breakdown of this account as shown in Format 46. Include all detailed workpapers supporting this analysis. At a minimum, the

workpapers shall show the date, vendor, reference (i.e., voucher no., etc.), dollar amount, and a brief description of each expenditure. Detailed analysis is not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 46. If any amounts were allocated, show a calculation of the factor used to allocate each amount.

- 47. Provide an analysis of Account No. 426, Other Income Deductions, for the test period. This analysis shall show a complete breakdown of this account as shown in Format 47 and, further, provide all detailed supporting workpapers. At a minimum, the workpapers should show the date, vendor, reference (i.e., voucher no., etc.), dollar amount, and brief description of each expenditure. Detailed analysis is not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 47. If any amounts were allocated, show a calculation of the factor used to allocate each amount.
- 48. List all present and anticipated research efforts dealing with the pricing of electricity and the current status of such efforts.
- 49. Provide an analysis of Big Rivers' expenses for research and development activities for the test year and 2 most recent calendar years. This analysis should include the following:
- a. Basis of fees paid to research organizations and Big Rivers' portion of the total revenue of each organization. When the contribution is monthly, provide the current rate and the effective date.
 - b. Details of the research activities conducted by each organization.

- c. Details of services and other benefits provided to the utility by each organization.
- d. Annual expenditures of each organization with a basic description of the nature of costs incurred by the organization.
 - e. Details of the expected benefits to the utility.
- 50. With regard to Big Rivers' adoption of SFAS No. 143, "Accounting for Asset Retirement Obligations, provide the following:
 - a. The date Big Rivers adopted SFAS No. 143;
 - b. The effect on the financial statements;
- c. A statement whether test year operations includes any impact of the implementation. If so, provide a detailed description of the impact; and
- d. A schedule comparing the depreciation rates utilized by Big Rivers prior to and after the adoption of SFAS No. 143. The schedule should identify the assets corresponding to the affected depreciation rates.
- 51. Provide a schedule showing the calculation of test year depreciation expensed and capitalized. Show all depreciation rates on this schedule separately.
- a. State whether the depreciation rates shown in this schedule are identical to those most recently approved by the Commission.
 - b. If identical, identify the case in which they were approved.
- c. If not identical, provide the depreciation study that supports the rates reflected in this filing.
- d. Provide information for plotting the depreciation guideline curves in accordance with RUS Bulletin 183-1, as shown in Format 51.

- 52. Provide a list of depreciation expense using Format 52. The information provided in Format 52 should be separated by the Plant Accounts numbered 300-399 as provided by the Uniform System of Accounts. When appropriate, major assets within each Plant Account shall be shown separately from other assets in the Plant Account.
 - 53. Provide the following tax data for the test year:
- a. A schedule of franchise fees paid to cities, towns or municipalities during the test year, including the basis of these fees; and
- b. An analysis of other operating taxes imposed by Kentucky as shown in Format 53.
- 54. For each charitable and political contribution (in cash or services), provide the amount, recipient, and specific account charged.
- 55. Describe Big Rivers' lobbying activities and provide a schedule showing the name and salary of each lobbyist; all company-paid or reimbursed expenses or allowances; and the account charged for all personnel for whom a principal function is lobbying, on the local, state, or national level; and indicate whether the lobbyist is an employee or an independent contractor. If any amounts are allocated, show a calculation of the factor used to allocate each amount.
- 56. Provide the following information concerning the costs for the preparation of this case:
- a. A detailed schedule of costs incurred to date. Include the date of the transaction, check number or other document reference, the vendor, amount, a description of the services performed, and the account number in which the expenditure

was recorded. Indicate any costs incurred for this case during the test year. Include copies of invoices received from the vendors;

- b. An itemized estimate of the total cost to be incurred, detailed explanation of how the estimate was determined, and all supporting workpapers and calculations; and
- c. Monthly updates of the actual costs incurred during the course of this proceeding, in the manner prescribed above.
- 57. Provide the average number of retail customers on the system by rate schedule for the test year and 3 most recent calendar years.
- 58. To the extent not included in other responses, provide all workpapers, calculations, and assumptions Big Rivers used to develop its test year and pro forma financial information.
- 59. a. Provide workpapers detailing all adjustments to test year operations that were contemplated by Big Rivers during the preparation of its application but were not made in the application.
- b. Explain why Big Rivers decided not to make each adjustment identified in item a.
- 60. Provide any information, as soon as it is known, describing any events occurring after the test year that would have a material effect on net operating income, rate base, and cost of capital that is not incorporated in the filed testimony and exhibits.

Jeff Defouen

Executive Director

Public Service Commission

P.O. Box 615

Frankfort, KY 40602

DATED: FEBRUARY 23, 2009

cc: Parties of Record

APPENDIX

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2009-00040 DATED FEBRUARY 23, 2009

Case No. 2009-00040

Statement of Electric Plant in Service 12 Months Ended

Total Company

Account Number	Title of Accounts	Beginning Balance	Additions	Retirements	Transfers	Ending Balance
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			Y			

	1					
		1				

			ā	Big Rivers Electric Corporation	lectric Co	rporation							
				Case No	Case No. 2009-00040	0040							
			ŏ	Comparative Capital Structures For the Periods as Shown "000 Omitted"	utive Capital St e Periods as S "000 Omitted"	Structures Shown "							
		10th Year	Par	9th Year	ear	8th Year	ear	7th year	ear	6th Year	ear	5th Year	ear
Line	Tvne of Capital	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
-	I ong-Tarm Daht												
-													
2.	Short-I erm Debt												
3.	Preferred & Preference Stock												
4	Common Equity												
ı	Other (Itemize by fyne)												
	Office (Refilled by type)												
.9	Total Capitalization		and a										

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												רמאר האיר		5	20.
		4th \	4th Year	3rd Year	'ear	2nd Year	/ear	1st Year	ear	Test Year	ear,	Quarter	ter	Test Year	ear
- dui			50										:		i i
g Z	Type of Capital	Amount	Ratio	Amonut	Ratio	Amount	Ratio	Ratio Amount Ratio Amount Ratio		Amount	Ratio	Amount	Katio	Amount Katio Amount Katio	Kallo
-	Long-Term Debt		,,,,,,												
	8														
2	Short-Term Debt														
1	Droforrod &														
	r reigned &														
က်	Preference Stock														
4.	Common Equity														
	Other (Itemize by														
ĸ	fvne)														
	STES.														
a	Total Capitalization														
	Total Capitalization														

1. Provide a calculation of the average test year data as shown in Format 5, Schedule 2. Instructions:

^{2.} If the applicant is a member of an affiliated group, the above data is to be provided for the parent company and the system consolidated.

			Big Rivers	Big Rivers Electric Corporation	u			
			Case	Case No. 2009-00040				
		0,7	Calculation of Averact	Calculation of Average Test Period Capital Structure Months Ended	ital Structure			
		1		"000 Omitted"				
Line	ltem (a)	Total Capital (h)	Long-Term Debt (c)	Short-Term Debt (d)	Preferred Stock (e)	Common Stock (f)	Retained Earnings (g)	Total Common Equity (h)
4	Bolonco Beginning of Test Year	(2)						
- •								
2.	1st Month							
ю.	2nd Month	and the second s			Date to the second seco			
4	3rd Month							
5.	4th Month							
6.	5th Month							
7.	6th Month							
ω	7th Month							
9.	8th Month					A LANGE VALUE OF THE PARTY OF T		
10.	9th Month							
17.	10th Month							
12.	11th Month							
13.	12th Month							
14.	Total (Line 1 through Line 13)							
15.	Average balance (Line 14/13)							
16.	Average capitalization ratios							
17.	End-of period capitalization ratios							
Instru	Instructions: 1. If applicable, provide an additional schedule in the above format excluding common equity in subsidiaries from the total	additional sche	dule in the above fo	ormat excluding con	nmon equity in suk	sidiaries from the	total	
:								

company capital structure. Show the amount of common equity excluded.

2. Include premium class of stock.

Format 17a Schedule 1

Line No. Total	Line Type of Date of Maturity No. (a) Total Long-Term Debt and Annualized Cost Annualized Cost Rate [Total Col. (j) / Total Col. (d)]	Date of Issue (b) and Annualized	Date of Maturity (c) (c)	Schedul For the Year Amount Outstanding (d)	Big Rivers Electric Corporation Case No. 2009-00040 Schedule of Outstanding Long-Term For the Year Ended December 31, Coupon Coupon Interest Rate (1) at Issue (2) (d) (e) (f)	Big Rivers Electric Corporation Case No. 2009-00040 Schedule of Outstanding Long-Term Debt he Year Ended December 31,	Cost Rate to Maturity (3) (9)	Bond Rating at Time of Issue (4) (h)	Type of Obligation (i)	Annualized Cost Col. (d) x Col. (g) (j)

¹ Nominal Rate

² Nominal Rate Plus Discount or Premium Amortization

 $^{^{\}rm 3}$ Nominal Rate Plus Discount or Premium Amortization and Issuance Cost

⁴ Standard and Poor's, Moody, etc.

		•			Actual Test Year Interest Cost (5)				
					Annualized Cost Col. (f) x Col. (d) (j)				
311004/2001					Type of Obligation (i)				
					Bond Rating at Time of Issue (4)				
**************************************	orporation	040	ng-Term Debt		Cost Rate to Maturity (3) (g)				
	Big Rivers Rural Electric Corporation	Case No. 2009-00040	Schedule of Outstanding Long-Term Debt	Ended	Cost Rate at Issue (2) (f)				
The state of the s	Big Rivers F	Case	Schedule of O	For the Test Year Ended	Coupon Interest Rate (1) (e)			Col. (d)]	
				Fort	Amount Outstanding (d)		[(p)]	Actual Test Year Cost Rate [Total Col. (k) / Total Reported in Col	
					Date of Maturity (c)	lized Cost	(j) / Total Col.	I Col. (k) / Tot	
					Date of Issue (h)	Total Long-Term Debt and Annualized Cost	Annualized Cost Rate [Total Col. (j) / Total Col. (d)]	ost Rate ∏ota	
					Type Of Debt Issued	ong-Term De	alized Cost Ra	l Test Year Co	
					Line No.	Total I	Annue	Actua	

¹ Nominal Rate

² Nominal Rate Plus Discount or Premium Amortization

³ Nominal Rate Plus Discount or Premium Amortization and Issuance Cost

⁴ Standard and Poor's, Moody, etc.

⁵ Sum of Accrued Interest Amortization of Discount or Premium and Issuance Cost

			Big R	Big Rivers Electric Corporation Case No. 2009-00040	ion		
			Sche	Schedule of Short-Term Debt	sbt		
			For the Test Year Ended	ear Ended			
Line No.	Type of Debt Instrument (a)	Date of Issue (b)	Date of Maturity (c)	Amount Outstanding (d)	Nominal Interest Rate (e)	Effective Interest Cost Rate (f)	Annualized Interest Cost Col. (f) x Col. (d) (g)
Total Short-Term							
Annualized	Annualized Cost Rate [Total Col. (g) / Total Col. (d)]	(g) / Total Col. (d)]					
Actual Infer	Actual Interest Paid or Accrued on Short-Term Debt during the [Report in Col. (g) of this Schedule]	n Short-Term Debt dı edule]	uring the Test Year				
Average SI Line 15	Average Short-Term Debt – Format 7, Schedule 2 Line 15 Col. (d) [Report in Col. (g) of this Schedule]	nat 7, Schedule 2 . (g) of this Schedule					
Test-Year [Report	Test-Year Interest Cost Rate [Actual Interest / Average Short-Term Debt] [Report in Col. (f) of this Schedule]	tual Interest / Average dule]	e Short-Term Debt]				

In all instances where the Effective Interest Cost Rate is different from the Nominal Interest Rate, provide a calculation of the effective Interest Cost Rate in sufficient detail to show the items of costs that cause the difference. Instructions:

					i								
				Big Rive	rs Electric	Big Rivers Electric Corporation	_						
				Cas	Case No. 2009-00040	-00040							
		O	Comparison of Total Company Test Year Account Balances With Those of the Preceding Year	of Total Co	ompany Te e of the Pr	st Year Ac eceding Ye	count Bala sar	ances					
					"000 Omitted"	"paj							
Account Title and Account Number	1 st Month	2nd Month	3rd Month	4 th Month	5th Month	6 th Month	7th Month	8th Month	9th Month	10th Month	11th Month	12th Month	Total
Test Year													
Prior Year													
Increase													
(Decrease)													

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		Big Rivers Elec	Big Rivers Electric Corporation					
		Case No.	Case No. 2009-00040					
		Analysis of Salaries and Wages For the Calendar Years 20 through 2 And the Test Year	aries and Wages 20 through 20_ Test Year	50				
		000,	"000 Omitted"					
						-	Test	
Line No.	Item (a)	3rd % (b) (c)	Amount (d)	(e)	Amount (f)	(g)	Amount (h)	% (i)
	Wages charged to expense							
2.	Power Production expense							
<u>ښ</u>	Transmission expense							
4	Distribution expense							The state of the s
5.	Customer accounts expense							
6.	Sales expense							
7.	Administrative and general expenses:							
	(a) Administrative and general salaries							
	(b) Office supplies and expense							
	(c) Administrative expense transferred-cr							
	(d) Outside services employed							
	(e) Property insurance							
	(f) Injuries and Damages							
	(g) Employee pensions and benefits							
Note:	Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)	r year in Columns (c), (e),	(g) and (i)					

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Case No. 2009-00040 For the Calendar and Weapes For the Calendar Scale No. 2009-00040 For the Calendar Scale No. 2009-00040 For the Calendar Scale No. 2004 For the Test Year Total Scale Scale No. 2004 Total Scale) Bi	g Rivers Elect	Big Rivers Electric Corporation				
through 20				Case No. 2	.009-00040				
Test Vear			An For the Cale	alysis of Sala endar Years 2 And the T	ries and Wages 20through Fest Year	20			
2nd				O 000,	mitted"				
2nd								Te :	st
7. (confinite and general expenses) Administrative and general expenses (i) Franchise requirements (ii) Regulatory commission expenses (ii) Duplicate charges – cr (iv) Miscellaneous general expense (iii) Duplicate charges – cr (iv) Miscellaneous general expense (iv) Maintenance of general plant (iv) Maintenance of general plant 8. Total administrative and general expenses (iv) Muscellaneous general expenses 9. (L2 through L7 (iv) (iv) Musces Capitalized 10. Wages Capitalized (iv) Musces Capitalized 11. Total Salaries and Wages charged (iv) Musces Capitalized to 12. expense to total wages capitalized to (iv) Miscellaneous of each year over the prior year in Columns (c), (e), (g) and (i)	Line No.	Item (a)			1 1		1 1		ar % (i)
(i) Franchise requirements (ii) Regulatory commission expenses (i) Duplicate charges – cr (ii) Duplicate charges – cr (k) Miscellaneous general expenses (iii) Maintenance of general plant (ii) Maintenance of general plant (iii) Maintenance of general plant (iv) Maintenance of general plant (iv) Maintenance of general plant 8. L7 (a) through L7 (iii) (iv) Maintenance of general expenses 9. (L2 through L7 (iv) (iv) Mages Capitalized 10. Wages Capitalized (iv) Mages Capitalized 11. Total Salaries and wages charged (iv) Mages Capitalized to 12. expense to total wages (L9 / L11) (iv) Mote: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (ii)	7.	Administrative and general expenses (continued)							
(i) Duplicate charges – cr (i) Duplicate charges – cr (ii) Duplicate charges – cr (iii) Miscellaneous general expenses (iii) Maintenance of general plant (iiii) Maintenance of general plant (iv) Maintenance of general plant (iv) Maintenance of general plant 8. L7 (a) through L7 (iv) (iv) Adaption L7 (iv) 9. (L2 through L6 + L8) (iv) Adages charged expense 10. Wages Capitalized (iv) Mages Capitalized 11. Total Salaries and Wages (iv) L11) Ratio of salaries and wages charged (iv) Adages Capitalized to capitalized		(h) Franchise requirements							
(i) Duplicate charges – cr (ii) Miscellaneous general expense (i) Miscellaneous general expense (i) Miscellaneous general expense (i) Maintenance of general plant Total administrative and general expense (i) Total salaries and wages charged expense (i) Wages Capitalized (ii) Wages Capitalized (iii) Mages Capitalized (iii) Mages Charged (iii) M		(i) Regulatory commission expenses							
(k) Miscellaneous general expense (i) Maintenance of general plant Total administrative and general expenses 1.7 (a) through L7 (l) Total salaries and wages charged expense 2.7 (a) through L6 + L8) 10. Wages Capitalized 4.1. Total Salaries and Wages 11. Total Salaries and wages charged expense to of salaries and wages charged 4.2. Expense to total wages (L9 / L11) Ratio of salaries and wages capitalized to expense to total wages (L9 / L11) 4.3. Lotal wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (l)		(j) Duplicate charges – cr							
(I) Maintenance of general plant Total administrative and general expenses 8. L7 (a) through L7 (l) Total salaries and wages charged expense 9. (L2 through L6 + L8) 10. Wages Capitalized 11. Total Salaries and Wages 12. Ratio of salaries and wages charged expense to total wages (L9 / L11) Ratio of salaries and wages capitalized to		(k) Miscellaneous general expense							
8. L7 (a) through L7 (l) Total administrative and general expenses 9. (L2 through L6 + L8) 10. Wages Capitalized 11. Total Salaries and Wages Ratio of salaries and wages charged 12. expense to total wages (L9 / L11) Ratio of salaries and wages capitalized to 13. total wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)		(I) Maintenance of general plant							
9. (L2 through L6 + L8) 10. Wages Capitalized 11. Total Salaries and Wages Ratio of salaries and wages charged 12. expense to total wages (L9 / L11) Ratio of salaries and wages capitalized to 13. total wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)	8.	Total administrative and general expenses L7 (a) through L7 (l)							
10. Wages Capitalized 11. Total Salaries and Wages 12. Expense to total wages charged 13. Itotal wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)	6	Total salaries and wages charged expense (L2 through L6 + L8)							
11. Total Salaries and Wages Ratio of salaries and wages charged 12. expense to total wages (L9 / L11) Ratio of salaries and wages capitalized to 13. total wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)	10.	Wages Capitalized							
Ratio of salaries and wages charged 12. expense to total wages (L9 / L11) Ratio of salaries and wages capitalized to 13. total wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)	<u>+</u>	Total Salaries and Wages							
Ratio of salaries and wages capitalized to 13. total wages (L10 / L11) Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)	12.	Ratio of salaries and wages charged expense to total wages (L9 / L11)							
Note: Show percent increase of each year over the prior year in Columns (c), (e), (g) and (i)		Ratio of salaries and wages capitalized to total wages (L10 / L11)							
	Note: 8	show percent increase of each year over the prior	year in Colum	ns (c), (e), (g)) and (i)				

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Professional Services Expenses For the 12 Months Ended

Line No.	Item (a)	Rate Case (b)	Annual Audit (c)	Other (d)	Total (e)
1.	Legal				
2.	Engineering				
3.	Accounting				
4.	Other				
5.	Total				

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Account 913 – Advertising Expenses For the 12 Months Ended

Line No.	Item (a)	Sales or Promotional Advertising (b)	Institutional Advertising (c)	Conservation Advertising (d)	Rate Case (e)	Other (f)	Total (g)
1.	Newspaper						
2.	Magazines and other						
3.	Television						
4.	Radio						
5.	Direct Mail						
6.	Sales Aids						
7.	Total						
8.	Amount assigned to KY retail						

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Account 930 – Miscellaneous General Expenses For the 12 Months Ended

Line No.	Item (a)	Amount (b)
1	Industry association dues	
2.	Stockholder and debt servicing expenses	
3.	Institutional advertising	
4.	Conservation advertising	
5.	Rate department load studies	
6.	Director's fees and expenses	
7.	Dues and subscriptions	
8.	Miscellaneous	
9.	Total	
10.	Amount assigned to KY retail	

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Account 426 – Other Income Deductions For the 12 Months Ended

Line No.	Item (a)	Amount (b)
1.	Donations	
2.	Civic activities	
3.	Political activities	
4.	Other	
5.	Total	

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Data for Depreciation Guideline Curve RUS Bulletin 183-1

Test Year Ended	Distribution Plant In Service (a)	Accumulated Provision For Depreciation Distribution Plant (b)	Reserve Ratio (c)=(b)-(a)	Ratio of Current Distribution Plant to Distribution Plant Ten Years Prior (d)
				,

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Depreciation Expenses

	(End of Test Year) Plant Account Depreciation Annualized Item Balance Rate Depreciation					
Account		Plant Account	Denreciation	Annualized		
Number	Item	Rolonco	Depreciation Rate	Annualized Depreciation		
Number	ILGIII	Balance	Nate	Depreciation		
			775 THE			

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		}				
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1		1		1		

Big Rivers Electric Corporation Case No. 2009-00040 Analysis of Other Operating Taxes 12 Months Ended _____ "000 Omitted" Charged Charged Line Charged To To Other Amounts Amount Construction Accounts¹ No. Item Expense Accrued Paid (a) (b) (d) (f) (c) (e) 1. Kentucky Retail (a) State income (b) Franchise fees

¹ Explain items in this Column.

(d) Payroll (employers portion)

Total Retail (L1(a) through L1(e))

Total per books (L2 and L3)

(c) Ad valorem

(e) Other taxes

Other jurisdictions

2.

3.

Mark A Bailey President CEO Big Rivers Electric Corporation 201 Third Street Henderson, KY 42419-0024

Douglas Bererford Hogan & Hartson, L.L.P. 555 Thirteenth Street, N.W. Washington, DC 20004-1109

George F Hobday Jr Hogan & Hartson, L.L.P. 555 Thirteenth Street, N.W. Washington, DC 20004-1109

Honorable James M Miller Attorney at Law Sullivan, Mountjoy, Stainback & Miller, PSC 100 St. Ann Street P.O. Box 727 Owensboro, KY 42302-0727

David A Spainhoward Vice President Big Rivers Electric Corporation 201 Third Street Henderson, KY 42419-0024