

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF BIG RIVERS )  
ELECTRIC CORPORATION FOR )  
A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY TO ) CASE NO. 2004-00365  
CONSTRUCT A 161 KV TRANSMISSION )  
LINE IN BRECKINRIDGE AND MEADE )  
COUNTIES, KENTUCKY )

COMMISSION STAFF'S FIRST DATA REQUEST  
TO BIG RIVERS ELECTRIC CORPORATION

Pursuant to 807 KAR 5:001, Commission Staff requests that Big Rivers Electric Corporation ("Big Rivers") file the original and 10 copies of the following information with the Commission on or before December 13, 2004, with a copy to all parties of record. Each copy of the information requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure its legibility. 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.

1. Refer to pages 8-10 of the application, which show alternatives to the proposed line that were identified and considered by Big Rivers. For each alternative,

provide a summary present worth analysis in the same format as shown in Appendix 2 of the “Appendices for the 2003-2005 Study” in Big Rivers’ July 2002 Transmission System Construction Work Plan. If any alternative included in pages 8-10 is already included in Appendix 2, a statement to that effect will suffice.

2. Refer to the present worth analysis in Appendix 2 of the “Appendices for the 2003-2005 Study.” Provide the source and support for the following inputs and assumptions for the analysis.

- a. Interest rate of 6 percent.
- b. Depreciation rate of 2.75 percent.
- c. Taxes and insurance of .5 percent.
- d. Levelized “FCR” of 7.3 percent. Is this “Fixed Cost Rate”?
- e. Use of 30 years to calculate the present worth.

3. Provide a copy of Big Rivers’ September 1999 Transmission System Construction Work Plan, including appendices, covering the period 2000-2002.

4. Provide a copy of Big Rivers’ July 2002 Transmission System Construction Work Plan, including appendices, covering the period 2003-2005.

5. Would increasing the power factor at Meade County Rural Electric Cooperative Corporation’s (“Meade County RECC”) substations eliminate or postpone the need for the proposed transmission line? Has this option been discussed with Meade County RECC? Explain.

6. Refer to the map attached hereto as Appendix A.

a. Would connecting to Louisville Gas and Electric Company’s 138 KV line (Hardin County to New Hardinsburg) eliminate the need for the proposed line?

(1) If yes, provide a present value analysis of this alternative.

Provide all supporting calculations.

(2) If no, explain in detail why it is not reasonable.

b. Have you considered the option of constructing a portion of the proposed transmission line adjacent to the existing 69 KV line (Hardinsburg to Irvington) using the existing easement? Explain.



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Beth O'Donnell  
Executive Director  
Public Service Commission  
P. O. Box 615  
Frankfort, KY 40602

DATED: December 3, 2004

cc: Parties of Record

APPENDIX A

APPENDIX TO COMMISSION STAFF'S FIRST DATA REQUEST TO  
BIG RIVERS ELECTRIC CORPORATION IN CASE NO. 2004-00365  
DATED December 3, 2004

*Since September 11, 2001 maps of critical utility structures are considered sensitive information for security reasons. The map may be requested in writing, including a signature, printed name, company/firm name if applicable, mailing address, phone number and e-mail address. Send the letter to:*

Ruth A. Rowles  
Public Service Commission  
PO Box 615  
Frankfort, KY 40601.