

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF EAST KENTUCKY POWER)
COOPERATIVE, INC. FOR A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY, AND) CASE NO.
A SITE COMPATIBILITY CERTIFICATE, FOR) 2004-00423
THE CONSTRUCTION OF A 278 MW (NOMINAL))
CIRCULATING FLUIDIZED BED COAL FIRED)
UNIT IN MASON COUNTY, KENTUCKY)

THIRD DATA REQUEST OF COMMISSION STAFF
TO EAST KENTUCKY POWER COOPERATIVE, INC.

Pursuant to 807 KAR 5:001, Commission Staff requests that East Kentucky Power Cooperative, Inc. ("East Kentucky Power") file the original and 7 copies of the following information with the Commission by March 7, 2005, with a copy to all parties of record and a copy to Enviropower LLC ("Enviropower"). 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 5-7 of the Prepared Direct Testimony of Lynne S. Travis regarding the evaluation of either a self-build proposal or a purchase power option.

a. Provide the calculations, along with any explanation that is needed, which shows, starting with the cost of East Kentucky Power's self-build Spurlock 4 proposal, all the steps taken to derive the average cost per MWh for that proposal as shown on page 3 of 4 of the response to Item 1 of the Commission Staff's December 23, 2004 supplemental data request.

b. Provide a side-by-side comparison, for each year of the 32-year study period, of the PVRP revenue requirements and the cost per MWh for both East Kentucky Power's self-build Spurlock 4 proposal and the bid submitted by Enviropower. Provide all supporting calculations.

2. Provide East Kentucky Power's estimated cost of the Spurlock 4 proposal expressed in \$/KW/Month and \$/MWH for each year 2008 through 2037. Explain in detail how it was derived and provide all supporting calculations.



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

DATED February 25, 2005

cc: All Parties