

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF SOUTH KENTUCKY RURAL)
ELECTRIC COOPERATIVE CORPORATION)
FOR A CERTIFICATE OF CONVENIENCE AND) CASE NO.
NECESSITY TO CONSTRUCT ADDITIONAL) 2003-00499
LINES AND FACILITIES)

FIRST DATA REQUEST OF COMMISSION STAFF TO
SOUTH KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION

South Kentucky Rural Electric Cooperative Corporation ("South Kentucky"), pursuant to 807 KAR 5:001, is requested to file with the Commission the original and 5 copies of the following information, with a copy to all parties of record. The information requested herein is due no later than March 5, 2004. Each copy of the data 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 person who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information herein has been previously provided, in the format requested herein, reference may be made to the specific location of said information in responding to this information request.

1. Provide two copies of the following voltage drop studies based on:
 - a. Existing loads using existing system circuitry.
 - b. Projected peak load using existing system circuitry.
 - c. Projected peak load using proposed system circuitry.

2. Has South Kentucky compared actual measured voltage and the calculated voltage to determine the accuracy of the voltage drop studies?
 - a. If yes, provide the voltage reading and indicate the substation, line section, and date on which each reading was taken. If the actual reading differs from the calculated voltage by more than two volts, explain the reason for the difference.
 - b. If no, explain why a comparison is not necessary.



Thomas M. Dorman
Executive Director
Public Service Commission
P. O. Box 615
Frankfort, Kentucky 40602

DATED February 17, 2004

cc: All Parties