COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF BIG SANDY RURAL)
ELECTRIC COOPERATIVE CORPORATION FOR) CASE NO. 93-090
A CERTIFICATE OF CONVENIENCE)
AND NECESSITY)

O R D E R

IT IS ORDERED that Big Sandy Rural Electric Cooperative Corporation ("Big Sandy") shall file the original and eight copies of the following information with the Commission with a copy to all parties of record within 20 days from the date of this Order. If the information cannot be provided by this date, Big Sandy should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which the information will be furnished. Such motion will be considered by the Commission.

1. The voltage drop study filed in your response to the May 7, 1993 Order shows that the voltage drop study based on 1992 loads using existing system circuitry has a higher voltage drop than that based on 1994 loads using existing system circuitry. Explain the difference.

2. Min-max voltmeters are installed at line section 513 of substation 7, line section 344 of substation 1, and line sections 306, 309, and 310 of substation 8. None of these line sections have a voltage less than 120V except line section 344 which has a minimum voltage of 111.9V for the month of April. However, the voltage drop study based on 1992 loads using existing system

circuitry shows that all the above line sections have excessive voltage drops, and system improvements are recommended to correct them.

a. Explain the difference in voltage between the voltage drop study and the actual measurement.
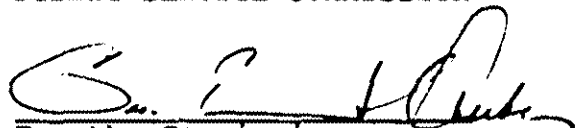
b. As the voltage drop on some line sections is different than that shown in the voltage drop study, is Big Sandy planning to revise its 1993-1994 Work Plan?

(1) If yes, provide and explain any proposed changes to the 2-year Work Plan.

(2) If no, explain why no change is proposed.

Done at Frankfort, Kentucky, this 15th day of July, 1993.

PUBLIC SERVICE COMMISSION

For the Commission

ATTEST:

Executive Director