

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF SOUTH KENTUCKY)
RURAL ELECTRIC COOPERATIVE)
CORPORATION FOR A CERTIFICATE) CASE NO. 96-109
OF CONVENIENCE AND NECESSITY)
TO CONSTRUCT ADDITIONAL LINES)
AND FACILITIES)

O R D E R

IT IS ORDERED that South Kentucky Rural Electric Cooperative Corporation ("South Kentucky") shall file the original and five copies of the following information with the Commission with a copy to all parties of record within 21 days from the date of this Order.

1. Refer to Attachment B of South Kentucky's response to the Commission's Order dated July 18, 1996.

a. Explain how the values under the column "Extrapolated Actual Drop At Peak" were derived. Provide all supporting calculations.

b. Under the "(WKPLN) Sub or Circuit Load at Peak," the KW load shown for Floyd substation and Mount Olive substation are for single feeder; however, the KW load shown for Zula Substation is the total substation load. Would using the feeder KW load for extrapolating the voltage drop on a line section be more accurate than using the total substation load?

1. If no, explain.

2. If yes, provide a revised copy reflecting the correction.

c. The calculated voltage drops shown under column "Peak Prim Calc Drop" for line section 321 of Floyd substation and line section 1717 of Zula substation are 11.19 and 7.68 respectively; however, the voltage drop study shown on Exhibit 3 of the Work Plan shows the voltage drop on line 321 as 9.5 V and line section 1717 as 9.52 V.

1. Explain the reason for the difference.
2. Provide a revised copy that reflects the corrections.

Done at Frankfort, Kentucky, this 20th day of August, 1996.

PUBLIC SERVICE COMMISSION


For the Commission

ATTEST:


Executive Director