

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF KENTUCKY UTILITIES COMPANY)	
FOR A CERTIFICATE OF CONVENIENCE AND NECESSITY)	
TO CONSTRUCT A 161 KV LINE FROM EAST KENTUCKY)	
POWER COOPERATIVE, INC.'S MARION COUNTY-GREEN)	CASE NO.
COUNTY 161 KV LINE TO THE COMPANY'S TAYLOR)	9414
COUNTY SWITCHING STATION NEAR CAMPBELLSVILLE,)	
KENTUCKY, AND INSTALL A 161 KV, 50 MVA TRANS-)	
FORMER AT TAYLOR COUNTY SWITCHING STATION)	

O R D E R

Kentucky Utilities Company ("KU") filed an application on September 3, 1985, requesting a certificate of convenience and necessity to construct 4.13 miles of 161 KV transmission line from its Taylor County switching station to an existing East Kentucky Power Cooperative ("East Kentucky") 161 KV line, where it would interconnect with the East Kentucky line, and to install a 50 MVA transformer and its attendant switchgear at the Taylor County switching station, all as more completely described in the application and record.

The new transmission line and station facilities proposed in the application will serve the power requirements of Campbells-ville and the Taylor County area which has a current load of 54 MW and is estimated to increase to 63 MW by 1989. Installation of these new facilities will also improve the reliability of service to the area since load flow studies show that under certain fault conditions the present system would experience unacceptably low voltages.

The construction proposed in the application, which is estimated to cost \$676,320 to construct and \$3,800 annually to operate, will be financed by internal funds, bank notes and/or sale of securities.

The interconnection has been approved by East Kentucky as attested by letter dated June 28, 1985, from KU to Mr. David C. Hopper of East Kentucky.

The Commission, having considered the evidence of record and being advised, is of the opinion and finds that:

1. There will be a need for additional facilities to adequately and reliably serve the Campbellsville and Taylor County areas in future years and an additional 50 MVA transformer in this area will fill this need; therefore, the new construction proposed in this application is in the public interest and should be approved.

2. The interconnection with East Kentucky will be the most practical and economical method of supplying primary power to the 50 MVA transformer and this arrangement has been approved by East Kentucky.

IT IS THEREFORE ORDERED that KU be and it hereby is granted a certificate of public convenience and necessity to proceed with the construction as set forth in the application and record.

IT IS FURTHER ORDERED that KU shall advise the Commission of the date of completion of the proposed construction, the final cost of construction and of any major changes in the design of the new facilities.

Done at Frankfort, Kentucky, this 23rd day of October, 1985.

PUBLIC SERVICE COMMISSION

Richard D. Henning
Chairman

[Signature]
Vice Chairman

[Signature]
Commissioner

ATTEST:

Secretary