

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

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|--------------------------------------|---|----------|
| APPLICATION OF TAYLOR COUNTY RURAL |) | |
| ELECTRIC COOPERATIVE CORPORATION FOR |) | CASE NO. |
| CERTIFICATE OF PUBLIC CONVENIENCE |) | 95-125 |
| AND NECESSITY |) | |

O R D E R

Taylor County Rural Electric Cooperative Corporation ("Taylor County") filed its application on March 24, 1995 for a Certificate of Public Convenience and Necessity to construct certain improvements and additions to its existing plant at a cost of \$6,398,676. In support of its application, Taylor County filed its 1995-1997 Work Plan which describes in detail the improvements and additions to its plant that are required over the next three years to serve its load.

Taylor County seeks authorization to construct extensions and additions to its plant as follows:

| | |
|---|--------------------|
| 1. Line Construction for New Services | \$2,668,400 |
| 2. New Construction and Tie Lines | 10,800 |
| 3. Conversions and Line Changes | 940,520 |
| 4. Transformers and Meters | 1,402,000 |
| 5. Sets of Service Wires for Increased Service Capacity | 59,136 |
| 6. Sectionalizing Equipment | 90,000 |
| 7. Regulators and Capacitors | 45,820 |
| 8. Ordinary Replacements | 1,062,000 |
| 9. Security Lights | <u>120,000</u> |
| TOTAL | <u>\$6,398,676</u> |

The proposed construction will enable Taylor County to continue to provide adequate and dependable electric service to its consumers. The system improvements recommended in this Work Plan will not duplicate existing facilities and are needed to correct voltage problems, improve phase balance, and provide for improved service reliability.

The consulting engineers, Patterson & Dewar Engineers, Inc., who prepared Taylor County's Work Plan, recommend that Taylor County add electronic minimum/maximum voltmeters at key system locations to facilitate additional confirmation of the calculated voltage conditions¹. Taylor County stated that "Plans are in the works for our Operations Department to install some minimum/maximum voltmeters . . ."²; however, no installation date was given. Taylor County should pursue the consultant's recommendation and install the recommended voltmeters so actual voltmeter readings will be available for comparison to the calculated voltage in its next Work Plan.

Based on the application and supporting 1995-1997 Work Plan, and being advised, the Commission finds that the proposed improvements and additions to be constructed by Taylor County are necessary to provide adequate, reliable electric service to existing customers and anticipated new customers.

¹ Construction Work Plan, January 1, 1995 - December 31, 1997, Page 13.

² Response to Order dated June 13, 1995.

IT IS THEREFORE ORDERED that:

1. Taylor County be and it hereby is granted a Certificate of Public Convenience and Necessity to construct the facilities described in its 1995-1997 Work Plan.

2. Taylor County shall install minimum/maximum voltmeters so actual voltmeter readings will be available for comparison to the calculated voltages in its next Work Plan.

Done at Frankfort, Kentucky, this 15th day of September, 1995.

PUBLIC SERVICE COMMISSION


Chairman


Vice Chairman


Commissioner

ATTEST:


Executive Director