

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF OWEN ELECTRIC)	
COOPERATIVE, INC. FOR AN ORDER ISSUING)	CASE NO.
A CERTIFICATE OF PUBLIC CONVENIENCE)	2002-00454
AND NECESSITY		

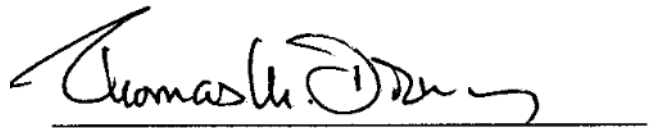
FIRST DATA REQUEST OF COMMISSION STAFF TO
OWEN ELECTRIC COOPERATIVE, INC.

Owen Electric Cooperative, Inc. (Owen) is requested, pursuant to 807 KAR 5:001, Section 9, to file with the Commission the original and 10 copies, unless specifically requested otherwise herein, of the following information, with a copy to all parties of record. The information requested herein is due no later than 21 days from the date of this request. 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 requested herein has been 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 voltage drop studies based on:
 - a. Existing loads using existing system circuitry.

- b. Projected loads using existing system circuitry.
 - c. Projected loads using proposed system circuitry.
- 2. Has Owen 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.
- 3. Refer to Design Criteria No. 1 on page 9. Explain the economic, engineering, and operation justifications for limiting the circuit voltage correction to one stage of voltage regulation instead of the Rural Utilities Service (RUS) allowed two stages.
- 4. Refer to Design Consideration No. 1 on page 10. Provide the economic conductor analysis that determines that 1/0 ACSR and 336 ACSR are the only viable conductors to use in new construction.
- 5. Refer to Pole Replacements, Item 7 on page 20. Provide a detailed historical cost breakdown for the average cost of \$1,375 per pole.
- 6. Refer to Security Lights, Item 9 on page 21. Provide a detailed historical cost breakdown for the average cost of \$500 per light.
- 7. Refer to RUS Item 303 on page 26. Provide a circuit diagram indicating the location of the proposed Corinth Substation and the feeder voltage from said substation.

8. Refer to RUS Item 310 on page 33. Provide a detailed circuit diagram and explanation for the justification of converting from single to double circuit 336 ACSR.
9. Refer to RUS Item 331 on page 42. Provide the justification as to the need for this item in addition to RUS Item 228.
10. Provide the most recently completed RUS Form 300.
11. Provide economic justifications for all new and/or upgraded substations.

A handwritten signature in black ink, appearing to read "Thomas M. Dorman", is written over a horizontal line.

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

DATED February 11, 2003

cc: All Parties