

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

In the Matter of:

AN INVESTIGATION OF THE PROPOSED)
CONSTRUCTION OF 138 KV TRANSMISSION) CASE NO.
FACILITIES IN MASON AND FLEMING COUNTIES) 2003-00380
BY EAST KENTUCKY POWER COOPERATIVE, INC.)

DATA REQUEST OF COMMISSION STAFF
TO EAST KENTUCKY POWER COOPERATIVE, INC.

On October 2, 2003, the Commission entered an Order establishing this investigation and providing for interrogatories to East Kentucky Power Cooperative, Inc. (East Kentucky). Accordingly, East Kentucky shall file an original and 10 copies of its responses to the following interrogatories no later than October 30, 2003.

1. Refer to pages 5 and 6 of the Testimony of Paul C. Atchison (Atchison Testimony). Provide the cost analyses performed by or on behalf of East Kentucky for the three transmission alternatives identified below. These analyses should include the Flemingsburg Backfeed project, as applicable. Each analysis should include all cost estimates, identify the sources of the cost information, describe all assumptions used to develop the analysis, and include any supporting documentation. The alternatives are:

a. East Kentucky's proposed plan, both the original version and as modified for the use of existing right-of-way.

b. Plan 3AA, both the original version and as modified for the use of existing right-of-way.

c. The alternative developed from suggestions made by opposing landowners.

2. Refer to pages 9 and 10 of the Atchison Testimony. Provide a narrative discussing all feedback East Kentucky has received from the groups listed below from meetings East Kentucky's staff has attended concerning the proposed transmission facilities. Include copies of any correspondence.

- a. Maysville Chamber of Commerce Board of Directors.
- b. Mason County Fiscal Court.
- c. Fleming County Fiscal Court.
- d. Miscellaneous groups of property owners.

3. Refer to pages 11 through 13 of the Atchison Testimony. Provide East Kentucky's best estimate of the annual costs it would incur and describe the operating problems it would experience if it does not address the issues identified below. Include all assumptions and supporting documentation used to develop the cost estimate.

- a. Transmission Loading Relief.
- b. Existing Spurlock Unit Stability.
- c. Flemingsburg Backfeed.
- d. Gilbert Generation.

4. Refer to pages 3 and 4 of the Atchison Testimony. Provide all cost estimates and supporting documentation used to determine that the proposed project cost is 68 percent of the alternative project cost. Did the following factors contribute to the decision making process:

a. The remaining useful life of the existing Kentucky Utilities Company (KU) Kenton to Wedonia transmission line.

b. Any betterment credit allowed by KU for the increase in useful life of the Kenton to Wedonia transmission line.

c. Any betterment credit allowed by KU for the reduction in annual maintenance charges as a result of the rebuilt Kenton to Wedonia transmission line.

5. Refer to pages 3 and 4 of the Atchison Testimony. Provide the various transmission line design and specifications evaluated in preparing the construction cost estimates. Include all assumptions and supporting documentation used in the evaluation.

a. Was the line proposed to be a single or double-circuit?

b. If the proposal was for a double circuit was it planned on joint structures or separate structures?

c. What would be the minimum standard right-of-way required for each type of design?

d. What would be the North American Electric Reliability Council criteria relevant to each design?

6. Refer to pages 4 and 5 of the Atchison Testimony. Include all assumptions and supporting documentations as to the amount of any wheeling charges that would be incurred from KU at present and in the future if a single circuit design were constructed.

7. Refer to pages 10 and 11 of the Atchison Testimony. What significant and costly delays were incurred by East Kentucky due to the ongoing Commission

investigation? Include all assumptions and supporting documentations as to the amount and reasonableness of each cost incurred.

8. Refer to pages 11 and 12 of the Atchison Testimony. What would be estimated time period that the 5 percent reactor installed in the Kenton-Wedonia 138kV line would mitigate the TLR using the most recently updated information?

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

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

DATED October 20, 2003

cc: All Parties