

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION TO CONSIDER)	
DEVIATION OF REGULATION 807 KAR :041;)	CASE NO.
SECTION 7, VOLTAGE SURVEYS AND RECORDS)	2025-00131

RESPONSES TO STAFF’S FIRST INFORMATION REQUEST
TO EAST KENTUCKY POWER COOPERATIVE, INC.

DATED JUNE 9, 2025

In the Matter of:

My Commission expires
April 9, 2025

EAST KENTUCKY POWER COOPERATIVE, INC.
CASE NO. 2025-00131
FIRST REQUEST FOR INFORMATION RESPONSE

STAFF'S REQUEST DATED JUNE 9, 2025

REQUEST 1

RESPONSIBLE PARTY: Denver York

Request 1. State whether the electric utility currently has advanced metering infrastructure (AMI) capabilities in place.

Response 1. 807 KAR 5:041, Section 7 states that “Every utility shall have two (2) or more portable indicating voltmeters and two (2) or more recording or graphic voltmeters of type and capacity suited to the voltage supplied. Every utility shall make a sufficient number of voltage surveys to indicate the service furnished from each center of distribution...” As a generation and transmission utility, East Kentucky Power Cooper does not have AMI capabilities in place and does not believe it is subject to 807 KAR 5:041, Section 7.

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REQUEST 2

RESPONSIBLE PARTY: Denver York

Request 2. State whether the electric utility has AMI equipment and software with the capability to monitor and record voltage of an individual customer over a determined period of time.

Response 2. See Response 1.

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REQUEST 3

RESPONSIBLE PARTY: Denver York

Request 3. State whether the utility has other equipment on the system that can also monitor and record voltage.

Response 3. Yes. EKPC has Power Quality meters installed at some delivery points where the EKPC Owner-Member distribution cooperatives take service.

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REQUEST 4

RESPONSIBLE PARTY: Denver York

Request 4. State if the ability to monitor and record voltage of individual customers is as accurate as equipment required by 807 KAR 5:041, Section 7, and if so, state how this is determined.

Response 4. Yes. Meters are tested annually to ensure accuracy of voltage recording.

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REQUEST 5

RESPONSIBLE PARTY: Denver York

Request 5. State if the utility intends to perform ongoing tests of the accuracy of the AMI voltage recordings and describe the intended process.

Response 5. See Response 1.

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REQUEST 6

RESPONSIBLE PARTY: Denver York

Request 6. State how the tests will be recorded, how long the records for each test will be kept, and if the records will be maintained in a manner that can be inspected by utility customers and the Commission or its staff.

Response 6. See Response 1.

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REQUEST 7

RESPONSIBLE PARTY: Denver York

Request 7. Provide an example of what the AMI voltage surveys and recordings look like as recorded by the AMI system, as well as an example of the current voltage surveys and recorders installed at various locations on your system.

Response 7. See Response 1.

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REQUEST 8

RESPONSIBLE PARTY: Denver York

Request 8. State if the AMI voltage recording hardware and software have the ability to take continues readings, or if readings will be taken at set intervals.

Response 8. See Response 1.

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REQUEST 9

RESPONSIBLE PARTY: Denver York

Request 9. State whether the AMI system and/or software have the ability to detect exceptions that are out of limits, like voltage limits.

Response 9. See Response 1.

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REQUEST 10

RESPONSIBLE PARTY: Denver York

Request 10. State whether the AMI system monitors and/or records other exceptions other than voltage.

Response 10. See Response 1.

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REQUEST 11

RESPONSIBLE PARTY: Denver York

Request 11. State whether the electric utility would benefit from a deviation of the requirement in 807 KAR 5:041, Section 7, and if so, in what way.

Response 11. See Response 1.

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REQUEST 12

RESPONSIBLE PARTY: Denver York

Request 12. State whether the electric utility will have the ability to satisfy the Commission of its compliance with voltage requirements if a deviation from 807 KAR 5:041, Section 7 is granted, and if so, state how.

Response 12. See Response 1.

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REQUEST 13

RESPONSIBLE PARTY: Denver York

Request 13. If a deviation to the requirements of 807 KAR 5:041, Section 7 is granted, state whether the electric utility will still be able to retain all records of the voltage records and surveys taken with in the last three calendar years and allow inspection by the utility's customers and the Public Service Commission.

Response 13. See Response 1.