

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

|                                        |   |            |
|----------------------------------------|---|------------|
| ELECTRONIC INVESTIGATION TO CONSIDER   | ) |            |
| DEVIATION OF REGULATION 807 KAR 5:041, | ) | CASE NO.   |
| SECTION 7, VOLTAGE SURVEYS AND         | ) | 2025-00131 |
| RECORDS                                | ) |            |

ORDER

On August 7, 2026, Shelby Energy Cooperative, Inc. (Shelby Energy) filed a motion for a deviation from 807 KAR 5:041 Section 7 pursuant to an Order previously issued in Case No. 2025-00131.<sup>1</sup>

In support of this request, Shelby Energy stated its advanced metering infrastructure (AMI) meters are capable of monitoring systemwide voltage and producing on-demand readings, which are sorted by percent nominal voltage to allow Shelby Energy to easily assess voltage issues at specific points on the system.<sup>2</sup>

These voltage readings transmitted by the meter are then stored in a database that allows for the voltage data to be exported to Excel files, which are then reviewed by Shelby Energy's staff.<sup>3</sup> The voltage readings are stored in the database for a minimum of three years and are available for inspection by members and Commission Staff.<sup>4</sup>

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<sup>1</sup> Order (Ky. PSC June 29, 2026) at 4.

<sup>2</sup> Shelby Energy's Motion for Deviation (filed Aug. 7, 2026) at 3.

<sup>3</sup> Shelby Energy's Motion for Deviation at 3.

<sup>4</sup> Shelby Energy's Motion for Deviation at 3.

Furthermore, Shelby Energy stated they will continue to perform all required meter testing consistent with the Commission's regulations, which will ensure the accuracy of the AMI system.<sup>5</sup>

### LEGAL STANDARD

The Commission has exclusive jurisdiction over the regulation of rates and service of utilities in Kentucky.<sup>6</sup> Pursuant to KRS 278.042, the Commission shall prescribe the service adequacy and safety standards for electric utilities, as stated in the Commission's administrative regulations, orders, and in the most recent edition of the National Electrical Safety Code (NESC).<sup>7</sup> In keeping with KRS Chapter 13A, the Commission may adopt reasonable regulations and investigate the methods and practices of utilities to require them to conform to the laws of this state, and to all reasonable rules, regulations and orders of the commission not contrary to law.<sup>8</sup> Accordingly, the Commission adopted 807 KAR 5:041, Section 7, of which sets forth rules regarding voltage survey standards. Additionally, in special cases for good cause shown, the Commission may permit deviations from these rules.<sup>9</sup>

### DISCUSSION AND FINDINGS

Having reviewed the motion and being otherwise sufficiently advised, the Commission grants Shelby Energy's motion. The Commission finds that the AMI technology installed will allow for Shelby Energy to monitor its voltage in a manner similar

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<sup>5</sup> Shelby Energy's Motion for Deviation at 3.

<sup>6</sup> KRS 278.042(2).

<sup>7</sup> KRS 278.042(2).

<sup>8</sup> KRS 278.040(3).

<sup>9</sup> 807 KAR 5:041 Section 22.

to that contemplated by the regulation. The Division of Inspections shall make the final determination as to compliance with the regulation.

IT IS THEREFORE ORDERED that:

1. Shelby Energy's motion for deviation from voltage survey requirements in 807 KAR 5:041, Section 7 is granted.

2. The Division of Inspections shall make the final determination as to compliance with the regulation.

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Entered on this 8th day of September, 2026.

PUBLIC SERVICE COMMISSION

  
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Chair

  
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Mary Pat Regan  
Vice Chair

  
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Andrew W. Wood  
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ATTEST:

  
\_\_\_\_\_  
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