

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF:**

<b>ELECTRONIC INVESTIGATION OF NUCLEAR</b>	)	
<b>ENERGY, GENERATION, STORAGE, AND</b>	)	<b>CASE NO.</b>
<b>RELATED MATTERS</b>	)	<b>2025-00186</b>

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**STATEMENT OF ISSUES**

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Comes now East Kentucky Power Cooperative, Inc., (“EKPC”), by counsel, pursuant to the Kentucky Public Service Commission’s (“Commission”) June 16, 2025 Order to provide a list of issues to be discussed at the to be scheduled informal conference in this proceeding. Respectfully, EKPC states as follows:

EKPC believes there should be a discussion among the parties and the Commission regarding Small Modular Reactor (“SMR”) facilities that are based on existing large-scale boiling and pressured light water reactor technology. These facilities could utilize uranium oxide fuel produced in the United States. These facilities are generally 300 MW or less and would provide the opportunity to use proven technology to gain operating experience with less risk. In addition, the Commission should consider inviting representatives from the United States Department of Energy or the Kentucky Energy and Environment Cabinet, Office of Energy Policy to discuss spent fuel storage solutions.

EKPC would appreciate a discussion with the Commission on considering a streamlined regulatory process regarding the permitting and siting of nuclear facilities within the Commonwealth. This includes potentially limiting the impacts of intervention by parties that could unreasonably delay nuclear projects.

Additionally, EKPC would encourage a discussion regarding the costs, and cost recovery, related to the planning, development, permitting, construction, and staffing of a nuclear generation facility. EKPC believes a successful nuclear program in the Commonwealth will require a sharing

of costs between the utility applicant, industrial partners, and the federal and state government.

EKPC welcomes the opportunity to discuss nuclear generation options with the Commission, other utilities, and other interested parties at the to be scheduled informal conference. EKPC believes these discussions will allow all parties to be prepared for nuclear generation when the time is right in the Commonwealth.

This 11<sup>th</sup> day of July, 2025

Respectfully submitted,

*Heather S. Temple*

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### **CERTIFICATE OF SERVICE**

This is to certify that foregoing electronic filing was transmitted to the Commission on July 10, 2025; that there are currently no parties that the Commission has excused from participation by electronic means in this proceeding; and that pursuant to the Commission's July 22, 2021 Order in Case No. 2020-00085, no paper copies of the filing will be made.

*Heather S. Temple*

*Counsel for East Kentucky Power Cooperative, Inc.*