

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF EAST	)	
KENTUCKY POWER COOPERATIVE, INC. FOR	)	
APPROVAL TO AMEND ITS ENVIRONMENTAL	)	CASE NO.
COMPLIANCE PLAN, AND RECOVER COSTS	)	2025-00053
PURSUANT TO ITS ENVIRONMENTAL	)	
SURCHARGE, AND OTHER GENERAL RELIEF	)	

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION  
TO EAST KENTUCKY POWER COOPERATIVE, INC.

East Kentucky Power Cooperative, Inc. (EKPC), pursuant to 807 KAR 5:001, shall file with the Commission an electronic version of the following information. The information requested is due on September 24, 2025. The Commission directs EKPC to the Commission's July 22, 2021 Order in Case No. 2020-00085<sup>1</sup> regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the question to which the response is made and shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the

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<sup>1</sup> Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

EKPC shall make timely amendment to any prior response if EKPC obtains information that indicates the response was incorrect or incomplete when made or, though correct or complete when made, is now incorrect or incomplete in any material respect.

For any request to which EKPC fails or refuses to furnish all or part of the requested information, EKPC shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied and scanned material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, EKPC shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to EKPC's response to Commission Staff's First Request for Information (Staff's First Request), Item 5. Provide a table that matches the project number to each described project in the same order as the response.

2. Refer to EKPC's response to Staff's First Request, Item 5, and the Application, Exhibit JV-1, page 1. Explain whether the amendment to Project 38 is a 5-year rehabilitation or expansion.

3. Refer to EKPC's response to Staff's First Request, Item 6.

a. Provide the useful lives of the generating units.

b. Confirm that the useful lives of the proposed compliance projects are longer than the useful lives of the attached generating units. If this cannot be confirmed, explain.

c. Confirm that EKPC cannot retire a generating unit without approval, which may extend the life of a generating unit beyond its useful life for depreciation rates. If this cannot be confirmed, explain.

d. Provide the useful lives of all proposed capital projects.

4. Refer to EKPC's response to Staff's First Request, Item 7. Explain the approximately 63 percent increase in costs between Phase 1 and Phase 2 of Project 38.

5. Refer to EKPC's response to Staff's First Request, Item 15.

a. Confirm that the net book value is higher than the current liability for debt issuances. If confirmed, explain why the weighted average cost of debt (WACD) should not be weighted based on the current liability.

b. Provide the WACD weighted by the current liability of debt issuances in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible

6. Refer to the Application, Exhibit JV-1.

a. For each alternative considered, provide a cost estimate.

b. Provide this exhibit with the addition of project numbers.

7. Refer to the direct testimony of Jacob R. Watson, under the Schedule of Current Environmental Compliance Plan (ECP) and Project Amendments/Additions, Attachment JRW-1. Refer also to the direct testimony of Jerry Purvis, Attachment JV-1, pages 1 through 8.

a. Provide a cross-reference that correlates a Referenced Project in the ECP spreadsheet, Attachment JRW-1, to each Project as listed in the Environmental Surcharge Fact Sheet, as provided under the direct testimony of Jerry Purvis, Attachment JV-1, pages 1 through 8.

b. Confirm that the estimated cost for the referenced project is \$4.0 million rather than \$4.0. If not confirmed, provide the cost.

8. Refer to the Direct Testimony of Jerry Purvis, Environmental Surcharge Fact Sheet, Attachment JV-1, page 8.

a. Provide a rationale for including the Cooper Unit 2 Air Heater Basket/Seal Replacement Project in the Environmental Compliance Plan.

b. Confirm whether the Air Heater is an environmentally mandated component. If not confirmed, explain the reason for its inclusion in this application.

9. For the years 2022 through 2024 and 2025 year-to-date, provide a performance profile for each of the Cooper Generating Units outlining the following:

- a. Equivalent Availability Factor;
- b. Equivalent Forced Outage Rate;
- c. Heat Rate; and
- d. List of the top ten major availability detractors.

10. For the years 2022 through 2024 and 2025 year-to-date, provide a summary of any major forced outages or major derates at the Cooper Generating facility and the associated root cause analysis for each.

11. For the years 2022 through 2024 and 2025 year-to-date, provide a performance profile for each of the Spurlock Generating Units outlining the following:

- a. Equivalent Availability Factor;
- b. Equivalent Forced Outage Rate;
- c. Heat Rate; and
- d. List of the top ten major availability detractors.

12. For the years 2022 through 2024 and 2025 year-to-date, provide a summary of any major forced outages or major derates at the Spurlock Generating facility and the associated root cause analysis for each.



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Linda C. Bridwell, PE  
Executive Director  
Public Service Commission  
P.O. Box 615  
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DATED **SEP 08 2025**

cc: Parties of Record

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