

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF KENTUCKY)	
POWER COMPANY FOR APPROVAL OF (1) A)	
CERTIFICATE OF PUBLIC CONVENIENCE AND)	
NECESSITY TO MAKE THE CAPITAL)	
INVESTMENTS NECESSARY TO CONTINUE)	
TAKING CAPACITY AND ENERGY FROM THE)	CASE NO.
MITCHELL GENERATING STATION AFTER)	2025-00175
DECEMBER 31, 2028, (2) AN AMENDED)	
ENVIRONMENTAL COMPLIANCE PLAN, (3))	
REVISED ENVIRONMENTAL SURCHARGE)	
TARIFF SHEETS, AND (4) ALL OTHER)	
REQUIRED APPROVALS AND RELIEF)	

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION
TO KENTUCKY POWER COMPANY

Kentucky Power Company (Kentucky Power), 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 22, 2025. The Commission directs Kentucky Power to the Commission's July 22, 2021 Order in Case No. 2020-00085¹ 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

¹ 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).

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 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.

Kentucky Power shall make timely amendment to any prior response if Kentucky Power 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 Kentucky Power fails or refuses to furnish all or part of the requested information, Kentucky Power 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, Kentucky Power 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 Kentucky Power's response to Attorney General's First Request for Information (Attorney General's First Request), Item 1,

KPCO_R_AG_1_1_Attachment8.xlsx. Confirm the accuracy of the installed capacity (ICAP) values provided in Tab “2029 NBV Starting Point” of the Excel file. If unable to confirm, provide updated values and explain.

2. Refer to Kentucky Power’s response to Attorney General’s First Request, Item 1, KPCO_R_AG_1_1_Attachment8.xlsx, Tab “2029 NBV Starting Point” and KPCO_R_AG_1_1_PublicAttachment1.xlsx, Tab “2029 NBV Starting Point”.

a. Explain why the amounts in the “Capital Forecast” and the “Estimated NBV” columns in the “2029 NBV Starting Point” Tab of each of the Excel sheets have been calculated differently, including why the totals for the Mitchell Plant are different.

b. Explain the different ICAP values in those spreadsheets.

3. Refer to Kentucky Power’s response to Commission Staff’s First Request for Information (Staff’s First Request), Item 5(b). Refer also to Kentucky Power’s Response to Attorney General’s First Request’s Request, Item 2. Explain what factors have delayed Kentucky Power’s plan to file a request to build a new 450 MW natural gas combustion turbine at the Big Sandy site before 2026.

4. Refer to Kentucky Power’s Response to Staff’s First Request, Item 2, KPCO_R_KPSC_1_2_Attachment1.xlsx. Explain how Kentucky Power plans to address its capacity shortfall between 2026 and 2031, before the projected additional 450 MW natural gas combustion turbine generator at the Big Sandy site is approved and placed in service.

5. Refer to Kentucky Power's response to Staff's First Request, Item 14, referring to the Power Coordination Agreement with affiliates. Provide a copy of the Power Coordination Agreement referred to therein.

6. Refer to the Application, page 2, paragraph 4. Refer also to Kentucky Power's response to Staff's First Request, Item 2, KPCO_R_KPSC_1_2_Attachment1.xlsx. Explain why Kentucky Power is only estimating 593-607 MW of capacity from Mitchell Units 1 and 2, when Kentucky Power's 50 percent undivided share of the Mitchell Plant comprises 780 MW of nameplate capacity.

7. If Kentucky Power were to construct a Natural Gas Combined Cycle (NGCC) unit, state the earliest date on which Kentucky Power would anticipate being able to bring the unit online, and explain the basis for your response, including the estimated dates or time periods in which it could complete each major step.



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DATED **SEP 08 2025** _____

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