EAST KENTUCKY POWER COOPERATIVE, INC.

CASE NO. 2024-00370

FIRST REQUEST FOR INFORMATION RESPONSE

JOINT INTERVENORS' REQUEST DATED DECEMBER 20, 2024

REQUEST 4

RESPONSIBLE PARTY: Craig A. Johnson and Julia J. Tucker

Request 4. For each of the Cooper generating units, provide the following projected annual data by unit, or, if EKPC does not maintain unit-level data, by plant, for the years 2025 through 2039:

- a. Fixed O&M cost in dollars
- b. Non-fuel variable O&M cost in dollars
- c. Fuel costs in dollars
- d. Capital costs in dollars
- e. Heat rate
- f. Generation
- g. Capacity rating
- h. Capacity factor
- i. Forced outage rate
- j. Planned outage rate
- k. Energy revenues in dollars
- 1. Capacity revenues in dollars

- m. Ancillary services revenues in dollars
- n. Unforced capacity ("UCAP")

Response 4.

- a. Refer to the direct testimony of Brad Young, Attachment BY-1, Appendix T.
- b. Refer to excel attachment, JI1-4b VOM.xlsx.
- c. Refer to the tab labeled "Source Base Annual 3MAY24", rows 296 through 433 in excel attachment *CONFIDENTIAL-JII- SUMMARY 3MAY24.xlsx*, subject to motion for confidential treatment.
- d. Refer to the direct testimony of Brad Young, Attachment BY-1, Appendix R.
- e. Refer to the tab labeled "Source Base Annual 3MAY24", rows 235 through 263 in excel attachment *CONFIDENTIAL-JII- SUMMARY 3MAY24.xlsx*, subject to motion for confidential treatment.
- f. Refer to the tab labeled "Source Base Annual 3MAY24", rows 65 through 94 in excel attachment *CONFIDENTIAL-JII- SUMMARY 3MAY24.xlsx*, subject to motion for confidential treatment.
- g. Refer to the direct testimony of Julia J. Tucker and Attachment JJT-4, for the Winter and ELCC-adjustment summer capacity ratings.
- h. Refer to the tab labeled "Source Base Annual 3MAY24", rows 4966 through 4994 in excel attachment *CONFIDENTIAL-JII- SUMMARY 3MAY24.xlsx*, subject to motion for confidential treatment.
- i. Cooper 1 5.182% for all years

Cooper 2 - 2.361% for all years

j. Planned outages were based on actuals through 2026, see attached excel spreadsheet, *JI1-4j-Planned Outages.xlsx*. For years 2027 through 2029, planned outages were assumed to be two weeks per year for Cooper 1 and three weeks per year for Cooper 2. For years 2029 through 2039, planned outages were assumed to be four weeks per year for Cooper 2 after the proposed co-fire conversion project.

k. Refer to the tab labeled "Source Base Annual – 3MAY24", rows 5585 through 5614 in excel attachment *CONFIDENTIAL-JII-SUMMARY – 3MAY24.xlsx* for energy revenues, rows 265 through 294 for total operating costs, and rows 869 through 898 for total operating profit (energy revenues minus operating costs), subject to motion for confidential treatment.

l. Refer to the Direct Testimony of Julia J. Tucker for the range of capacity revenues anticipated for each proposed project within this Application m. Ancillary services were not explicitly modeled. Any ancillary services were included in the forecasted total locational marginal price.

n. UCAP is not used to model either energy or capacity revenues or costs. Forced outage assumptions listed in part i of this response are used to model energy revenues and costs. PJM ELCC ratings are used to determine the capacity value of each resource.

Supplemental Response:

- a. Refer to the direct testimony of Brad Young, Attachment BY-1, Appendix T for the Cooper CCGT and the attached Excel spreadsheet for the Cooper co-fire project which is being filed under seal pursuant to a motion for confidential treatment.
- d. Refer to the direct testimony of Brad Young, Attachment BY-1, Appendix R for the Cooper CCGT project and Attachment BY-2, Appendix R for the Cooper co-fire project.

ATTACHMENT IS AN EXCEL SPREADSHEET AND IS BEING FILED UNDER SEAL PURSUANT TO A MOTION FOR CONFIDENTIAL TREATMENT

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

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ELECTRONIC APPLICATION OF EAST)	
KENTUCKY POWER COOPERATIVE,)	
INC. FOR 1) CERTIFICATES OF PUBLIC)	CASE NO.
CONVENIENCE AND NECESSITY)	2024-00370
TO CONSTRUCT GENERATION)	
RESOURCES; 2) FOR A SITE COMPATIBILITY)	
CERTIFICATE RELATING TO THE SAME;)	
3) APPROVAL OF DEMAND SIDE MANAGEMENT)	
TARIFFS; AND 4) OTHER GENERAL RELIEF)	

CERTIFICATE

STATE OF KENTUCKY)
)
COUNTY OF CLARK)

Craig Johnson, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Joint Intervenor's First Information Request in the above-referenced case dated December 20, 2024, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Cravey John

Subscribed and sworn before me on this 2nd day of January, 2024.

GWYN M. WILLOUGHBY
Notary Public
Commonwealth of Kentucky
Commission Number KYNP38003
My Commission Express Nov 30, 2025