

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

l. 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, *JII-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, *JII-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.

Additional Supplemental Response:

a. Please see attached Excel spreadsheet being filed separately, under seal pursuant to a Motion for Confidential Treatment.

d. Please see attached Excel spreadsheet being filed separately, under seal pursuant to a Motion for Confidential Treatment.

ATTACHMENTS ARE EXCEL
SPREADSHEETS THAT ARE BEING
FILED UNDER SEAL PURSUANT TO
A MOTION FOR CONFIDENTIAL
TREATMENT

