

Kentucky Power Company
KPSC Case No. 2022-00036
Commission Staff's First Set of Data Requests
Dated March 31, 2022

DATA REQUEST

1_16 For the period under review, provide the monthly supporting peaking unit equivalent calculations in electronic Excel spreadsheet format with all formulas, columns, and rows unprotected and visible supporting the forced outage calculations. In addition, provide the corresponding amount, if any, of forced outage purchased power collected through the purchase power adjustment tariff.

RESPONSE

Please see the following attachments for the requested information:

May 2021: KPCO_R_KPSC_1_16_Attachment1
June 2021: KPCO_R_KPSC_1_16_Attachment2
July 2021: KPCO_R_KPSC_1_16_Attachment3
August 2021: KPCO_R_KPSC_1_16_Attachment4
September 2021: KPCO_R_KPSC_1_16_Attachment5
October 2021: KPCO_R_KPSC_1_16_Attachment6

Forced outage purchased power expense collected through the purchase power adjustment rider can be found in Column 'H' of the 'MM-YY Hourly Purch Alloc' tab within each file.

September 19, 2022 Supplemental Response

Following the Company's examination of Kentucky Industrial Utility Customers, Inc.'s ("KIUC") September 7, 2022 brief, Kentucky Power reviewed the peaking unit equivalent calculations filed in response to this data request. KIUC raised concerns at page 14 of its brief regarding the allocation of purchased power costs amounts among American Electric Power Company, Inc. operating companies based on its examination of KPCO_R_KPSC_1_16_Attachment4 (08-21 tab). The brief identified an anomaly occurring in Hour 2 of August 2, 2021.

The Company's review of KPCO_R_KPSC_1_16_Attachment4 (08-21 tab) revealed a misalignment by one row of the amounts in the "Total KP Purchases" (Column B and Column C) and "KP Purchases Allocated To OSS" (Column D and Column E) for each hour of August 2021. The misalignment produced the anomaly described by KIUC in its brief at page 14.

The Company next reviewed each of the five other spreadsheets filed in response to this data request. That review revealed that the rows for six hours on July 22, 2021

(KPCO_R_KPSC_1_16_Attachment3) (07-21 tab) also were misaligned. None of the remaining rows of (KPCO_R_KPSC_1_16_Attachment3) (07-21 tab) were misaligned. In addition, there was no misalignment in the other four spreadsheets initially filed in response to this data request.

Attached as (KPCO_SR_KPSC_1_16_Attachment3) (07-21 tab) and (KPCO_SR_KPSC_1_16_Attachment4) (08-21 tab) are the corrected spreadsheets.

Correction of the six rows on (KPCO_R_KPSC_1_16_Attachment3) (07-21 tab) did not modify the calculation of the Company's total fuel costs for July 2021 to be collected through the fuel adjustment clause. *See*

KPCO_SR_KPSC_1_16_Attachment1_July_2021) (07-21 revised tab). Correction of the misalignment of the rows of KPCO_R_KPSC_1_16_Attachment4) (08-21 tab) resulted in an increase of \$174,925 in total fuel costs to be collected through the fuel adjustment clause. *See* KPCO_SR_KPSC_1_16_Attachment2_August_2021) (08-21 revised tab).

February 5, 2024 Supplemental Response

The amount of additional fuel costs that should have been collected through the fuel adjustment clause included in the September 19, 2022 Supplemental Response above is \$172,892.70, and not \$174,925. All other information in the September 19, 2022 Supplemental Response remains the same.

Witness: Alex E. Vaughan



Vaughan Discovery Verification Form.doc

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E-Signature Summary

E-Signature 1: Alex E Vaughan (AEV)

February 05, 2024 06:53:33 -8:00 [84532E98F8FD] [172.59.33.198]
aevaughan@aep.com (Principal) (Personally Known)

E-Signature Notary: Marilyn Michelle Caldwell (MMC)

February 05, 2024 06:53:33 -8:00 [A220A90C78A1] [167.239.221.101]
mmcaldwell@aep.com

I, Marilyn Michelle Caldwell, did witness the participants named above electronically sign this document.



VERIFICATION

The undersigned, Alex E. Vaughan, being duly sworn, deposes and says he is the Managing Director for Renewables and Fuel Strategy for American Electric Power Service Corporation that he has personal knowledge of the matters set forth in the foregoing responses and the information contained therein is true and correct to the best of his information, knowledge, and belief.

Alex E. Vaughan
Signed on 2024-02-05 08:53:33 -8:00

Alex E. Vaughan

Commonwealth of Kentucky)
)
County of Boyd)

Case No. 2023-00008

Subscribed and sworn to before me, a Notary Public in and before said County and State, by Alex E. Vaughan, on February 5, 2024.

Notary Public

Marilyn Michelle Caldwell
Signed on 2024-02-05 08:53:33 -8:00

MARILYN MICHELLE CALDWELL
ONLINE NOTARY PUBLIC
STATE AT LARGE KENTUCKY
Commission # KYNP71841
My Commission Expires May 05, 2027

Notarial act performed by audio-visual communication

My Commission Expires May 5, 2027

Notary ID Number KYNP71841

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