

Kentucky Power Company

REQUEST

Please provide electronic spreadsheets for each of the following exhibits, with all formulas intact:

- a. AEV-1 through AEV-7
- b. JMS-1 through JMS-3

RESPONSE

- a. See the Company's response to KIUC 1-17. Specifically KIUC_1_17_Attachments 49 - 55.
- b. Exhibit JMS-1 has been provided as
KIUC_1_17_Attachment34_Stegall_JMS_1_and_StegallRevenueWorkpapers.xlsx of the
Company's response to Question 17 of this set.

Exhibit JMS-2 has been provided as
KIUC_1_17_Attachment35_Stegall_JMS_2_and_JMS_3_CCOS_and_Revenue_Allocation.
xlsm of the Company's response to Question 17 of this set.

Exhibit JMS-3 has been provided as
KIUC_1_17_Attachment35_Stegall_JMS_2_and_JMS_3_CCOS_and_Revenue_Allocation.
xlsm of the Company's response to Question 17 of this set.

WITNESS: Alex E Vaughan

KPSC Case No. 2014-00396 General Rate Adjustment
KIUC First Set of Data Requests
Dated January 29, 2015
Item No. 2
Page 1 of 1
Corrected Responses

Kentucky Power Company

REQUEST

For each of the spreadsheets/exhibits identified in the previous question, please provide all supporting workpapers, studies, schedules, in electronic spreadsheet format with formulas intact, where applicable.

RESPONSE

The supporting workpapers have been provided as

KIUC_1_17_Attachment33_Stegall_CCOS_Workpapers.xlsx and
KIUC_1_17_Attachment34_Stegall_JMS_1_and_StegallRevenueWorkpapers.xlsx of the
Company's response to Question 17 of this set.

See also KIUC_1_17_Attachments 37- 48.

WITNESS: Alex E Vaughan

Kentucky Power Company

REQUEST

Please provide the complete class cost of service study in electronic spreadsheet format with formulas intact. Also provide all supporting schedules and workpapers, including, but not limited to:

- a. The development of all external allocation factors, including rate class demand and energy allocation factors.
- b. Energy and demand loss factors.

RESPONSE

- a-b. Exhibit JMS-2, the Class Cost-of-Service Study, has been provided as KIUC_1_17_Attachment35_Stegall_JMS_2_and_JMS_3_CCOS_and_Revenue_Allocation.xlsm of the Company's response to Question 17 of this set. The supporting workpapers were provided as KIUC_1_17_Attachment33_Stegall_CCOS_Workpapers.xlsx of the Company's response to Question 17 of this set.

WITNESS: Jason M Stegall

**KPSC Case No. 2014-00396 General Rate Adjustment
KIUC First Set of Data Requests
Dated January 29, 2015
Item No. 4
Page 1 of 1
Corrected Responses**

Kentucky Power Company

REQUEST

Please provide an electronic spreadsheet, with formulas intact, containing the proof of revenues for each rate schedule, showing present rate revenues, proposed rate revenues and the revenue increase.

RESPONSE

The proof of revenues for each rate schedule has been provided as KIUC_1_17_Attachment36_Stegall_Proof_of_Revenues.xlsx of the Company's response to Question 17 of this set.

WITNESS: Jason M Stegall

Kentucky Power Company

REQUEST

Please provide the following information related to the Company's proposal to charge customers for Network Integrated Transmission rates ("NITS" rates).

- a. Total test year amount of KPCo Transmission Owner ("TO") revenues and the allocated amount of such TO revenues for each rate class in the Class Cost of Service Study
- b. The test year amount of NITS expenses for KPCo and the amount allocated to each rate class in the Class Cost of Service Study

RESPONSE

- a. The total Company KPCo and KPCo Kentucky retail jurisdiction test year amount of TO revenues are \$58,300,758.37 and \$57,484,547.75 respectively. TO Revenues are included in the Transmission Agreement Expenses - Transmission line item in the Class Cost-of-Service Study (CCOS). The allocation of that line item has been summarized in KIUC_1_5_Attachment1.xlsx.
- b. The total Company KPCo and KPCo Kentucky retail jurisdiction test year amount of NITS expense is \$42,379,336.20. This total is included in two lines in the CCOS, Transmission Agreement Expenses - Production and Transmission Expenses - Production. The amount of NITS in each line item has been identified is identified and the class allocation of each line item has been summarized in KIUC_1_5_Attachment1.xlsx.

WITNESS: Alex E Vaughan

Kentucky Power Company

REQUEST

Please provide all workpapers, including electronic spreadsheets with formulas intact, supporting the Company's proposed "Transmission Adjustment." Include all supporting documents from the AEP OATT and AEP transmission rate filings at the FERC associated with the development of NITS and all other transmission expenses reflected in the Company's filing in this case.

RESPONSE

See KIUC_1_17_Attachment35 for the supporting document for the proposed Transmission Adjustment.

Also see AEP's OATT formula rate filings used to develop the NITS and other transmission expenses may be found at the link below:

<http://www.aep.com/about/codeofconduct/OASIS/TariffFilings/>

WITNESS: Alex E Vaughan

KPSC Case No. 2014-00396 General Rate Adjustment
KIUC First Set of Data Requests
Dated January 29, 2015
Item No. 7
Page 1 of 1
Corrected Responses

Kentucky Power Company

REQUEST

If not provided in response to the previous question, please identify each line in the class cost of service study which includes transmission revenue requirements being “removed from the required sales revenue” (Stegall-24, line 4), and the amount of the adjustment to each line.

RESPONSE

Column G of the Class Cost-of-Service Study, provided as KIUC_1_17_Attachment35_Stegall_JMS_2_and_JMS_3_CCOS_and_Revenue_Allocation.xlsx of the Company's response to KIUC 1-17 of this set, identifies the functional breakdown for each line item in the study. The transmission dollars for each line item are included in the BULKTRAN and SUBTRAN functions.

WITNESS: Jason M Stegall

**KPSC Case No. 2014-00396 General Rate Adjustment
KIUC First Set of Data Requests
Dated January 29, 2015
Item No. 8
Page 1 of 1
Corrected Responses**

Kentucky Power Company

REQUEST

For each item of PJM charges and credits identified on Exhibit AEV 5, Page 2 of 5, please identify the specific line in the class cost of service study (Exhibit JMS 2) where that PJM item is included and allocated to classes.

RESPONSE

KIUC_1_8_Attachment1.xlsx, included in this response, provides the requested information.

WITNESS: Alex E Vaughan

Kentucky Power Company

REQUEST

To the extent not provided in response to a previous question, please provide an electronic spreadsheet, with formulas intact, showing the following information by month for the 12 months ending September 30, 2014:

- a. Coincident peak demand for each rate class/rate schedule modeled in the class cost of service study, at the generation voltage level (include losses shown separately).
- b. mWh energy for each rate class/rate schedule modeled in the class cost of service study, at the generation voltage level (include losses shown separately).
- c. Class maximum diversified demand (class NCP) for each rate class/rate schedule modeled in the class cost of service study at the generation voltage level (include losses shown separately).

RESPONSE

- a. The coincident peaks, along with the supporting hourly load data, were provided in the KIUC_1_17_Attachment33_Stegall_CCOS_Workpapers.xlsx of the Company's response to Question 17 of this set. The tab CPG provides the metered and loss-adjusted coincident peaks at the generation voltage. The Loss Adj Generation tab provides the loss-adjusted hourly loads.
- b. The energy in kWh was provided in the ENER tab of KIUC_1_17_Attachment33_Stegall_CCOS_Workpapers.xls of the Company's response to Question 17 of this set.
- c. The class non coincident peaks (NCPs) were provided in the SECDEM tab of KIUC_1_17_Attachment33_Stegall_CCOS_Workpapers.xls of the Company's response to Question 17 of this set. The NCPs reported in the SECDEM tab are limited to those tariff classes served at secondary voltage only.

WITNESS: Jason M Stegall

Kentucky Power Company

REQUEST

Please provide a detailed explanation and description of the adjustment and all workpapers, schedules (including electronic spreadsheets with formulas intact) supporting the "Adjust to Trans to OATT," Column (10) of Exhibit JMS-3, Page 1 of 3.

RESPONSE

Company Witness Stegall provides an explanation and description of the adjustment on lines 1-6 of page 24 of his testimony. The adjustment "reflects the embedded cost of transmission net of the OATT revenues the Company receives from PJM as a transmission owner." The reason for the adjustment is discussed in the Company's response to KIUC 1-81, Part a.

Please see the Company's response to KIUC 1-17, specifically KIUC_1_17_Attachment35_Stegall_JMS_2_and_JMS_3_CCOS_and_Revenue_Allocation.xlsm, for the calculation of the adjustment.

WITNESS: Jason M Stegall

**KPSC Case No. 2014-00396 General Rate Adjustment
KIUC First Set of Data Requests
Dated January 29, 2015
Item No. 11
Page 1 of 1
Corrected Responses**

Kentucky Power Company

REQUEST

Please explain the basis for eliminating the equipment credit currently applicable to CIP and QP transmission voltage service, relative to subtransmission voltage service.

RESPONSE

The equipment credit applies to both CIP and QP subtransmission and transmission voltage service. In the Company's filing, charges for transmission service are based on the Company's Open Access Transmission Tariff (OATT), which does not distinguish between transmission and subtransmission service voltages.

WITNESS: Alex E Vaughan