

Kentucky Power Company
KPSC Case No. 2019-00443
Kentucky Industrial Utility Customers Post-Hearing Data Request
Dated December 11, 2020

DATA REQUEST

KIUC_PHDR_01 During the hearing, Kentucky Power was asked about the impact of COVID-19 on the Company's short-term and long-term capacity needs. Please describe in detail the magnitude and timing of the expected short-term and long-term impacts of COVID-19 on the Company's capacity needs, including the impact of COVID-related load declines on the 140 MW need reflected in 2022 under the IRP. Also, please clarify how many years forward are considered short-term.

RESPONSE

The impact of COVID-19 on Kentucky Power's load forecast is most significant in 2020. According to Moody's Analytics, Kentucky Power's regional economy is not expected to fully recover from the COVID recession until 2025. Based on current PJM planning parameters, the Company estimates for PJM planning year 2022/2023 to have a UCAP obligation need for an additional approximately 100 MW. For load forecasting purposes, the short-term is the first two years of the forecast time horizon. However the Company's capacity obligation for the first four years is determined by the PJM planning parameters, and not the Company' own load forecast.

Witness: G. Scott Fisher

VERIFICATION

The undersigned, G. Scott Fisher, being duly sworn, deposes and says he is a Resource Planning Manager for AEP Service Corporation, that he has personal knowledge of the matters set forth in the forgoing responses and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.

Scott Fisher
G. Scott Fisher

State of Indiana)
)
County of Allen) Case No. 2019-00443

Subscribed and sworn before me, a Notary Public, by G. Scott Fisher this
22nd day of December, 2020.

Regiana M.
Sistevaris Digitally signed by Regiana M.
 Sistevaris
 Date: 2020.12.22 10:51:29 -05'00'

Notary Public Regiana M. Sistevaris

My Commission Expires January 7, 2023