

Kentucky Power Company
KPSC Case No. 2018-00072
Commission Staff's Second Set of Data Requests
Dated August 13, 2018
Page 1 of 2

DATA REQUEST

KPSC_2_1 Refer to Kentucky Power's Response to Commission Staff's First Request for Information, Item 4, in which Kentucky Power states, "Braidy Industries Inc. is now projecting a peak load of 90 MW. This constitutes a 50 percent increase in the projected peak load for Braidy indicated in the Company's application."

- a. State whether Kentucky Power will have sufficient capacity to supply the 90 MW load in addition to any potential future growth at the industrial park.
- b. With the added load requirement of Braidy Industries Inc., state whether there will be any additional costs or upgrades required for the project.

RESPONSE

a. Yes. The added load requirement of Braidy Industries Inc. will not change the Project's requirements, or its ability, in conjunction with the construction of Phase 2 of the EastPark 138 kV Transmission Line and related facilities, to serve Braidy Industries indicated peak load of 90 MW, as well as any other reasonably anticipated future development and load growth in the EastPark Industrial Center. *See generally*, Application ¶¶ 5, 36; Direct Testimony of Ranie K. Wohnhas at 6, 7, 14; Direct Testimony of Michael G. Lasslo at 3, 8, 13-14, 15.

Phase 2 of the East Park 138 kV Transmission Line and related facilities will provide looped service to the industrial center as well as a second source. *See* Application at 1; Direct Testimony of Ranie K. Wohnhas at 8, 14; Direct Testimony of Michael G. Lasslo at 8, 13. Both the Project and Phase 2 of the EastPark 138 kV Transmission Line and related facilities are required to provide adequate, efficient, and reasonable service to the EastPark Industrial Center, including Braidy Industries. *See e.g.* Direct Testimony of Ranie K. Wohnhas at 6 ("Absent the construction of the Project, along with the looped service to be provided through Phase 2, Kentucky Power cannot meet this [KRS 278.030(2)] statutory requirement."); Direct Testimony of Michael G. Lasslo at 8 ("[T]he project, along with Phase 2 (a future 138 kV line and related facilities to provide a second source) are necessary to provide the Company's customers with adequate and reliable service."); *id.* ("The looped 138 kV service to be established through the construction of the two 138 kV lines and related facilities (Phase 1 and Phase 2) will enable Kentucky Power to improve the consistency and reliability of the Company's electrical service to the EastPark Industrial Center, including the proposed Braidy Industries aluminum rolling mill.")

b. There are no anticipated additional Project costs or upgrades required for the Project to serve Braidy's additional load requirement.

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Page 2 of 2

Witnesses: Ranie K. Wohnhas
Michael G. Lasslo

December 13, 2018 Supplemental Response

a. Kentucky Power projects that with the increase in the Braidy Industries' projected peak load to 180 MW described in Kentucky Power's December 13, 2018 supplemental response to KPSC 1-4, the Company will have surplus capacity through the end of the 2021-2022 PJM planning year, which ends May 31, 2022. Current projections, which include the addition of substantial new load unrelated to Braidy Industries, indicate that the Company may not have sufficient capacity to serve its then-existing load beginning in the 2022-2023 PJM planning year. The Company expects to address its future capacity needs in its next integrated resource plan filing in December 2019.

b. Kentucky Power does not anticipate any change in Kentucky Power's scope of work, or increase in the \$22.4 million projected cost of the EastPark 138 kV Transmission Line Project (Phase 1), as a result of the increase from 90 MW to 180 MW in Braidy's projected peak load.

Witness: Ranie K. Wohnhas

