

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

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| AN ELECTRONIC EXAMINATION OF THE |) | |
| APPLICATION OF THE FUEL ADJUSTMENT |) | |
| CLAUSE OF DUKE ENERGY KENTUCKY, INC. |) | CASE NO. |
| FROM MAY 1, 2021 THROUGH OCTOBER 31, |) | 2022-00040 |
| 2021 |) | |

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION
TO DUKE ENERGY KENTUCKY, INC.

Duke Energy Kentucky, Inc. (Duke Kentucky), pursuant to 807 KAR 5:001, is to file with the Commission an electronic version of the following information. The information requested is due on May 18, 2022. The Commission directs Duke Kentucky to the Commission's July 22, 2021 Order in Case No. 2020-00085¹ regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the question to which the response is made and shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the

¹ Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Duke Kentucky shall make timely amendment to any prior response if Duke Kentucky obtains information that indicates the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which Duke Kentucky fails or refuses to furnish all or part of the requested information, Duke Kentucky shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, Duke Kentucky shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to Duke Kentucky's Response to Commission Staff's First Request for Information (Staff's First Request), Items 4–5.
 - a. Comparing the confidential attachments, explain the difference between written and oral solicitations.
 - b. Comparing the confidential attachments, explain the difference between term and spot purchases.

c. Comparing the confidential attachments, explain whether coal from different regions have different characteristics. If so, explain the differences.

d. Comparing the confidential attachments, explain which party arranges transportation. If Duke Kentucky, explain the process including timing, pickup locations, etc.

e. If not explained above, explain what "Transport Not Available" means in the sense of the factors that may cause the unavailability of transport.

2. Refer to Duke Kentucky's response to Staff's First Request, Item 7.

a. For each month in period under review, provide the amount of natural gas and the amount of oil burned by the Woodsdale station along with the costs associated with procuring that natural gas and oil.

b. Provide the vendors that supplied the Woodsdale station with oil during the period under review.

c. Explain if the Operational Flow Order (OFO) given by TETCO was issued directly to Duke Kentucky or issued across TETCO's system.

d. Provide a list of each time during the period of review in which an OFO was issued, for how long the OFO was in effect, if a reason for the OFO was given then provide the reason, the terms set forth in the OFO, and when Duke Kentucky had to burn oil instead of natural gas for the Woodsdale station.

e. State if Duke Kentucky maintains a gas supply contract with TETCO for its Woodsdale station. If so, provide the contract.

f. Explain if Duke Kentucky attempted to acquire natural gas from additional sources once it was issued an OFO from TETCO before deciding to burn oil.

g. Explain if burning the oil was more cost beneficial to Duke Kentucky than procuring more natural gas through additional sources.

h. Explain during each month of the period under review when the occasional issues with pipeline gas pressure occurred and for how long the issue would persist.

3. Refer to Duke Kentucky's Response to Staff's First Request, Item 15, Attachment, page 1 of 1.

a. Explain what a Boroscope is and what it does.

b. Explain what an annunciator is and what it does.

c. Explain what a synchronizer is and what it does.

4. Refer to Duke Kentucky's Response to Staff's First Request, Item 15, Attachment, page 1 of 1, regarding the column headers.

a. Define what the Schedule Hours, Forced Hours, Actual Hours, and Event Duration Hours are and the differences between the allotted hours listed.

b. Explain if there was any time during the reporting period, in which the amount of actual hours a unit was offline was more or less than the original time the unit was estimated to be offline by Duke Kentucky. If so, then explain why the document does not reflect these differences in estimated and actual hours. Provide an update to the attachment if necessary.

5. Refer to Duke Kentucky's Response to Staff's First Request, Item 15, Attachment, page 1 of 1, regarding the event type.

a. Explain how Duke Kentucky defines each event type listed in the legend.

b. Explain how Duke Kentucky differentiates between the PO: Planned Outage and PE: Planned Outage Extension, also between the MO: Maintenance Outage and ME: Maintenance Outage Extension.

c. Explain if Duke Kentucky allocates a set amount of time for each Planned and Maintenance Outage when originally scheduled and the steps Duke Kentucky takes should a Planned or Maintenance Outage go beyond the allocated timeframe.

d. If a Planned or Maintenance Outage is extended for a point of time beyond the allocated amount of time for such Outages, then explain why these Outages do not qualify as a Forced Outages.

e. Explain if during the period of review Duke Kentucky designated any unscheduled outages that require substitute power for a continuous period in excess of six (6) hours as Maintenance Outages or Planned Outages. If so, list the instances in which this has occurred and explain why these outages were not designated as Forced Outages.

f. Explain how often Duke Kentucky extends a Planned or Maintenance Outage.

6. Refer to Duke Kentucky's Response to Staff's First Request, Item 15, Attachment, page 1 of 1, the East Bend 2 Unit for the month of May. This outage is noted to have an event type of PE: Planned Outage Extension. Also, refer to Case No. 2021-00459², Duke Kentucky's Application, page 3, numbered paragraph 6. Duke Kentucky

² Case No. 2021-00459, *Electronic Application of Duke Energy Kentucky, Inc. For Proposed Accounting And Fuel Adjustment Clause Treatment And For Declaratory Ruling* (filed Dec. 10, 2021).

7. states that East Bend's original outage was planned for the spring of 2021 but in January 2021, the outage was moved to the fall of 2021.

a. Explain why the planned Outage was moved from spring 2021 to fall 2021 back in January 2021.

b. Explain if PJM's approval was required for East Bend's planned outage to be moved. If so, then explain when Duke Kentucky provided notice to PJM on the planned outage for the East Bend Unit being moved from spring 2021 to fall 2021 back in January 2021.

c. Explain what repairs or maintenance was made to East Bend for the Planned Fall Outage in September.

d. Explain if the "2-2 PA Fan Shaft and Bearing Repairs" listed in the description for East Bend's Planned Outage Extension was included in the original outage plans or if this repair was a new development that needed to be addressed.



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Public Service Commission
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DATED MAY 09 2022

cc: Parties of Record

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