



COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

**AN ELECTRONIC EXAMINATION OF THE
APPLICATION OF THE FUEL ADJUSTMENT CLAUSE
OF BIG RIVERS ELECTRIC CORPORATION FROM
NOVEMBER 1, 2020 THROUGH OCTOBER 31, 2022**

)
) **Case No.**
) **2023-00013**
)

**Responses to Commission Staff's Post-Hearing Request for Information
dated January 11, 2024**


FILED: January 25, 2024

BIG RIVERS ELECTRIC CORPORATION

**AN ELECTRONIC EXAMINATION OF THE APPLICATION OF THE FUEL
ADJUSTMENT CLAUSE OF BIG RIVERS ELECTRIC CORPORATION
FROM NOVEMBER 1, 2020 THROUGH OCTOBER 31, 2022
CASE NO. 2023-00013**

VERIFICATION


I, Christopher A. ("Chris") Warren, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Christopher A. "Chris" Warren

COMMONWEALTH OF KENTUCKY)
COUNTY OF DAVIESS)

SUBSCRIBED AND SWORN TO before me by Christopher A. ("Chris")
Warren on this the 24 day of January, 2024.



Notary Public, Kentucky State at Large
Kentucky ID Number KYNP43026
My Commission Expires 1-14-2026

BIG RIVERS ELECTRIC CORPORATION

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VERIFICATION


I, Jason C. Burden verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Jason C. Burden

COMMONWEALTH OF KENTUCKY)
COUNTY OF DAVIESS)

24 SUBSCRIBED AND SWORN TO before me by Jason C. Burden on this the
day of January, 2024.



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Kentucky ID Number KYNP43026
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VERIFICATION


I, Terry Wright, Jr., verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Terry Wright, Jr.

COMMONWEALTH OF KENTUCKY)
COUNTY OF DAVIESS)

24 SUBSCRIBED AND SWORN TO before me by Terry Wright, Jr. on this the
day of January, 2024.



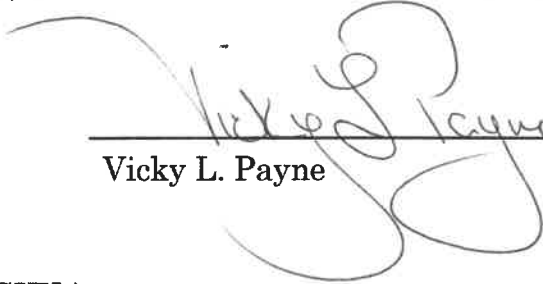
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VERIFICATION


I, Vicky L. Payne, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Vicky L. Payne

COMMONWEALTH OF KENTUCKY)
COUNTY OF DAVIESS)

24 SUBSCRIBED AND SWORN TO before me by Vicky L. Payne on this the
day of January, 2024.



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1 **Item 1)** *Refer to BREC's response to Commission Staff's First Request for*
2 *Information (Staffs First Request), Item 3a. Provide the current coal*
3 *inventory level in tons and in number of days' supply for Wilson Generating*
4 *Station.*

5

6 **Response)** The current coal inventory level in tons and in number of days' supply
7 for Wilson Generating Station as of December 31, 2023, are 854,976 tons and 228
8 days.

9

10

11 **Witness)** Vicky L. Payne

12

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1 Item 2) *Refer to BREC's response to Staff's First Request, Item 32, in*
2 *regards to the forecasted burns for 2023 and 2024.*

3 a. *State how many hours of operation are represented in the*
4 *forecasted natural gas and fuel oil requirements for 2023 and 2024 by*
5 *generation unit.*

6 b. *Provide a breakdown for each generation unit of the hours*
7 *operated and hours available for 2023 and 2024.*

8 c. *Provide a breakdown of the number of hours that each unit was*
9 *actually run in 2023.*

10 d. *Provide an update for 2023 using the actual fuel requirements in*
11 *tons for coal, Mcf for natural, and dollars.*

12

13

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1 **Response)**

2 a. The table below provides a breakdown of hours of operation represented in the
3 forecasted fuel requirements in Big Rivers' response to Staff's First Request, Item 32,
4 ("PSC 1-32").

<u>Hours of Operation</u>	<u>2023</u>			<u>2024</u>
	<u>Jan-July Actual</u>	<u>Aug-Dec Forecast</u>	<u>Total</u>	
Reid CT	184	0	184	
Green 1	833	291	1,124	
Green 2	81	80	161	
Wilson	4,651	3,436	8,087	
	5,749	3,807	9,556	

5

6 b. The table below provides a breakdown of hours available for each unit
7 represented in the forecasted fuel requirements in Big Rivers' response to PSC 1-32.

<u>Hours Available</u>	<u>2023</u>			<u>2024</u>
	<u>Jan-July Actual</u>	<u>Aug-Dec Forecast</u>	<u>Total</u>	
Reid CT	4,734	3,672	8,406	
Green 1	4,767	3,160	7,927	
Green 2	3,113	3,160	6,273	
Wilson	4,651	3,436	8,087	
	17,265	13,428	30,693	

8

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1 c. The table below provides a breakdown of the number of hours that each unit
2 actually ran in 2023.

<u>Actual Run Hours</u>	<u>2023 Actuals</u>
Reid CT	268
Green 1	1,260
Green 2	249
Wilson	7,995
	9,772

3

4 d. The table below provides an update for 2023 using the actual fuel requirements
5 in tons for coal, Mcf for natural, and dollars:

<u>Volume</u>	<u>2023 Actuals</u>
Coal (tons)	1,354,999
Natural Gas (MCF)	2,253,693
<u>Dollars</u>	<u>2023 Actuals</u>
Coal	\$ 64,700,240.29
Natural Gas	\$ 6,256,794.01

6

7

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1

2 **Witnesses)** Christopher A. Warren (for forecasts in subparts a and b)
3 Jason C. Burden (for subpart c and actuals in subparts a and b)
4 Vicky L. Payne (for subpart d)

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1 Item 3) ***Refer to BREC's response to Commission Staff's Second Request***
2 ***for Information, Item 5. Explain if the numbers provided in the table***
3 ***represent energy generated and purchased to serve all of BREC's customers,***
4 ***including Owensboro Municipal Utilities (OMU) and the other non-native***
5 ***contract customers. If not, then explain in detail what they represent.***

6

7 **Response)** Big Rivers sells all of its generation into MISO; therefore, the energy Big
8 Rivers generates is independent of its load. Except for the Nebraska contract
9 customers, Big Rivers purchases all of its requirements to serve its native and non-
10 native load customers from MISO. As such, the purchases provided in the referenced
11 table included both KYMEA and OMU. Because the table only includes MISO
12 purchases, it does not include any volumes for the Nebraska contract customers, who
13 are in SPP.

14

15

16 **Witness)** Terry Wright, Jr.

17