



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

January 19, 2023

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

JAN 19 2023

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the December 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for December 2022 and is to be applied to invoices for service delivered during January 2023, which will be billed early February 2023.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Talina Mathews, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation



BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: December 2022

$$\begin{array}{r} \text{Fuel "Fm" (Fuel Cost Schedule)} \\ \hline \end{array} = \frac{\$10,234,423}{\begin{array}{r} \text{Sales "Sm" (Sales Schedule)} \\ \hline \end{array} 288,963,977 \text{ kWh}} = (+) \$ 0.035418 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.014486 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: February 1, 2023

Submitted by: 

Title: Manager of Finance

Date Submitted: 1/19/23

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: December 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	4,863,230
Pet Coke Burned	(+)	-
Oil Burned	(+)	308,132
Gas Burned	(+)	5,635,107
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	95,001
Fuel (assigned cost during Forced Outage)	(+)	113,442
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>10,824,910</u>
 (B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(822,680)
Identifiable fuel cost - other purchases	(+)	13,597,586
Identifiable fuel cost - Forced Outage purchases	(+)	462,021
Identifiable fuel cost (substitute for Forced Outage)	(-)	462,021
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	877,203
Less Purchases Above Highest Cost Units	(-)	3,972,625
<u>SUB-TOTAL</u>	\$	<u>7,925,078</u>
 (C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	7,467,190
 (D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	1,048,375
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	\$	<u><u>10,234,423</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: December 2022

(A) Generation (Net)	(+)	271,604,247
Purchases including interchange-in	(+)	708,678,461
<u>SUB-TOTAL</u>		<u>980,282,708</u>
(B) Inter-system Sales including interchange-out	(+)	659,498,767
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	21,810,378
System Losses	(+)	10,009,586
<u>SUB-TOTAL</u>		<u>691,318,731</u>
TOTAL SALES (A-B)		<u>288,963,977</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: December 2022

1. Last FAC Rate Billed		\$ 0.020031
2. kWh Billed at Above Rate		<u>288,963,977</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	<u>\$ 5,788,237</u>
4. kWh Used to Determine Last FAC Rate		236,626,324
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>236,626,324</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		<u>\$ -</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	<u>\$ 4,739,862</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 1,048,375</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>288,963,977</u>
11. Kentucky Jurisdictional Sales		<u>288,963,977</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)	<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	<u>\$ 1,048,375</u>

To Page 2, Line D



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December 21, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED
DEC 21 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the November 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for November 2022 and is to be applied to invoices for service delivered during December 2022, which will be billed early January 2023.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "J. Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Talina Mathews, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: November 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$9,693,012}{236,626,324 \text{ kWh}} = (+) \$ 0.040963 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.020031 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: January 1, 2023

Submitted by: g. f. stone

Title: Manager of Finance

Date Submitted: 12/21/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: November 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	1,084,165
Pet Coke Burned	(+)	-
Oil Burned	(+)	986,599
Gas Burned	(+)	2,901,534
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	61,153
Fuel (assigned cost during Forced Outage)	(+)	363,909
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>5,275,054</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(1,800,778)
Identifiable fuel cost - other purchases	(+)	17,818,055
Identifiable fuel cost - Forced Outage purchases	(+)	492,740
Identifiable fuel cost (substitute for Forced Outage)	(-)	492,740
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	819,762
Less Purchases Above Highest Cost Units	(-)	6,677
<u>SUB-TOTAL</u>	\$	<u>15,190,838</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	10,303,318
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	469,562
TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u><u>9,693,012</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: November 2022

(A) Generation (Net)	(+)	77,332,812
Purchases including interchange-in	(+)	796,685,539
<u>SUB-TOTAL</u>		<u>874,018,351</u>
(B) Inter-system Sales including interchange-out	(+)	612,490,981
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	15,343,654
System Losses	(+)	9,557,392
<u>SUB-TOTAL</u>		<u>637,392,027</u>
TOTAL SALES (A-B)		<u>236,626,324</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: November 2022

1. Last FAC Rate Billed		\$ 0.023500
2. kWh Billed at Above Rate		<u>236,626,324</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	\$ <u>5,560,719</u>
4. kWh Used to Determine Last FAC Rate		216,644,994
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>216,644,994</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		\$ <u>-</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$ <u>5,091,157</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	\$ <u>469,562</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>236,626,324</u>
11. Kentucky Jurisdictional Sales		<u>236,626,324</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)	<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$ <u>469,562</u>

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November 22, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

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NOV 22 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing (Amendment to 11/21/2022 filing)

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the October 2022 expense month, which is an amendment and replacement of the November 21, 2022 filing. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for October 2022 and is to be applied to invoices for service delivered during November 2022, which will be billed early December 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. This filing is being made more than 10 days prior to the bills being sent out. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in black ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Talina Mathews, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation



BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: October 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$9,626,028}{216,644,994 \text{ kWh}} = (+) \$ 0.044432 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.023500 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: December 1, 2022

Submitted by: *Renee Stone*

Title: Manager of Finance

Date Submitted: 11/22/2022

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: October 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	1,484
Pet Coke Burned	(+)	-
Oil Burned	(+)	17,599
Gas Burned	(+)	262,990
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	-
Fuel (assigned cost during Forced Outage)	(+)	-
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>282,073</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(5,252,202)
Identifiable fuel cost - other purchases	(+)	20,632,159
Identifiable fuel cost - Forced Outage purchases	(+)	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	-
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	1,290,385
Less Purchases Above Highest Cost Units	(-)	15,949
<u>SUB-TOTAL</u>	\$	<u>14,073,623</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	5,457,641
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(727,973)
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u>9,626,028</u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: October 2022

(A) Generation (Net)	(+)	(795,895)
Purchases including interchange-in	(+)	727,595,176
<u>SUB-TOTAL</u>		<u>726,799,281</u>
(B) Inter-system Sales including interchange-out	(+)	477,291,812
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	22,415,583
System Losses	(+)	10,446,892
<u>SUB-TOTAL</u>		<u>510,154,287</u>
TOTAL SALES (A-B)		<u>216,644,994</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: October 2022

1. Last FAC Rate Billed		\$	0.028874
2. kWh Billed at Above Rate			<u>216,644,994</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>6,255,408</u>
4. kWh Used to Determine Last FAC Rate			241,857,072
5. Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>241,857,072</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		\$	<u>-</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>6,983,381</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(727,973)</u>
10. Total Sales "Sm" (From Page 3 of 4)			<u>216,644,994</u>
11. Kentucky Jurisdictional Sales			<u>216,644,994</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)		<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$	<u>(727,973)</u>
			To Page 2, Line D



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October 20, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED
OCT 20 2022
PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the September 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for September 2022 and is to be applied to invoices for service delivered during October 2022, which will be billed early November 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Talina Mathews, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: September 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$12,045,936}{241,857,072 \text{ kWh}} = (+) \$ 0.049806 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.028874 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: November 1, 2022

Submitted by: 

Title: Manager of Finance

Date Submitted: 10/20/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: September 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	4,211,414
Pet Coke Burned	(+)	-
Oil Burned	(+)	274,886
Gas Burned	(+)	1,864,027
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	-
Fuel (assigned cost during Forced Outage)	(+)	783,065
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>7,133,392</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(2,337,278)
Identifiable fuel cost - other purchases	(+)	11,633,460
Identifiable fuel cost - Forced Outage purchases	(+)	3,726,202
Identifiable fuel cost (substitute for Forced Outage)	(-)	3,726,202
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	990,800
Less Purchases Above Highest Cost Units	(-)	155,145
<u>SUB-TOTAL</u>	\$	<u>8,150,237</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	4,845,997
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(1,608,304)
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	 \$	 <u><u>12,045,936</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: September 2022

(A) Generation (Net)	(+)	234,066,613
Purchases including interchange-in	(+)	569,293,597
<u>SUB-TOTAL</u>		<u>803,360,210</u>
(B) Inter-system Sales including interchange-out	(+)	535,254,887
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	13,292,671
System Losses	(+)	12,955,580
<u>SUB-TOTAL</u>		<u>561,503,138</u>
TOTAL SALES (A-B)		<u>241,857,072</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: September 2022

1.	Last FAC Rate Billed		\$	0.034660
2.	kWh Billed at Above Rate			<u>241,857,072</u>
3.	FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>8,382,766</u>
4.	kWh Used to Determine Last FAC Rate			288,259,391
5.	Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6.	Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>288,259,391</u>
7.	Revised FAC Rate Billed, if prior period adjustment is needed		\$	<u>-</u>
8.	Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>9,991,070</u>
9.	Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(1,608,304)</u>
10.	Total Sales "Sm" (From Page 3 of 4)			<u>241,857,072</u>
11.	Kentucky Jurisdictional Sales			<u>241,857,072</u>
12.	Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)		<u>1.00000000</u>
13.	Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$	<u>(1,608,304)</u>

To Page 2, Line D



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September 20, 2022

Linda Bridwell, Executive Director
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211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

SEP 20 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the August 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for August 2022 and is to be applied to invoices for service delivered during September 2022, which will be billed early October 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: August 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$16,024,805}{288,259,391 \text{ kWh}} = (+) \$ 0.055592 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.034660 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: October 1, 2022

Submitted by: *Jeff Stone*

Title: Manager of Finance

Date Submitted: 9/20/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: August 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	5,272,524
Pet Coke Burned	(+)	-
Oil Burned	(+)	433,574
Gas Burned	(+)	6,407,133
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	52,140
Fuel (assigned cost during Forced Outage)	(+)	378,004
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>12,439,095</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(2,296,054)
Identifiable fuel cost - other purchases	(+)	15,890,955
Identifiable fuel cost - Forced Outage purchases	(+)	1,832,855
Identifiable fuel cost (substitute for Forced Outage)	(-)	1,832,855
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	1,178,851
Less Purchases Above Highest Cost Units	(-)	38,821
<u>SUB-TOTAL</u>	\$	<u>12,377,229</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	9,315,312
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(523,793)
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u>16,024,805</u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: August 2022

(A) Generation (Net)	(+)	270,558,003
Purchases including interchange-in	(+)	689,208,586
<u>SUB-TOTAL</u>		<u>959,766,589</u>
(B) Inter-system Sales including interchange-out	(+)	644,988,954
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	13,736,856
System Losses	(+)	12,781,388
<u>SUB-TOTAL</u>		<u>671,507,198</u>
TOTAL SALES (A-B)		<u>288,259,391</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: August 2022

1. Last FAC Rate Billed		\$ 0.022217
2. kWh Billed at Above Rate		<u>288,259,391</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	<u>\$ 6,404,259</u>
4. kWh Used to Determine Last FAC Rate		311,835,628
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>311,835,628</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		<u>\$ -</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	<u>\$ 6,928,052</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ (523,793)</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>288,259,391</u>
11. Kentucky Jurisdictional Sales		<u>288,259,391</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)	<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	<u>\$ (523,793)</u>

To Page 2, Line D



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

August 19, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

AUG 19 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the July 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for July 2022 and is to be applied to invoices for service delivered during August 2022, which will be billed early September 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in black ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: July 2022


$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$13,455,396}{311,835,628 \text{ kWh}} = (+) \$ 0.043149 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

$$\text{FAC Factor (1)} = \underline{\underline{\$ 0.022217 / \text{kWh}}}$$

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: September 1, 2022

Submitted by: 

Title: Manager of Finance

Date Submitted: 08/18/2022

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: July 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	5,361,368
Pet Coke Burned	(+)	-
Oil Burned	(+)	457,694
Gas Burned	(+)	5,579,162
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	68,221
Fuel (assigned cost during Forced Outage)	(+)	1,289,497
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>12,619,500</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(1,419,746)
Identifiable fuel cost - other purchases	(+)	12,918,196
Identifiable fuel cost - Forced Outage purchases	(+)	3,430,387
Identifiable fuel cost (substitute for Forced Outage)	(-)	3,430,387
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	1,221,947
Less Purchases Above Highest Cost Units	(-)	175,058
<u>SUB-TOTAL</u>	\$	<u>10,101,445</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	8,363,628
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	901,921
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u>13,455,396</u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: July 2022

(A) Generation (Net)	(+)	272,081,155
Purchases including interchange-in	(+)	726,294,569
<u>SUB-TOTAL</u>		<u>998,375,724</u>
(B) Inter-system Sales including interchange-out	(+)	659,999,943
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	14,739,543
System Losses	(+)	11,800,610
<u>SUB-TOTAL</u>		<u>686,540,096</u>
TOTAL SALES (A-B)		<u>311,835,628</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: July 2022

1. Last FAC Rate Billed		\$ 0.020466
2. kWh Billed at Above Rate		<u>311,835,628</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	<u>\$ 6,382,028</u>
4. kWh Used to Determine Last FAC Rate		267,766,383
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>267,766,383</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		<u>\$ -</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	<u>\$ 5,480,107</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 901,921</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>311,835,628</u>
11. Kentucky Jurisdictional Sales		<u>311,835,628</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)	<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	<u>\$ 901,921</u>

To Page 2, Line D



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

July 21, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

JUL 21 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the June 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for June 2022 and is to be applied to invoices for service delivered during July 2022, which will be billed early August 2022.

Please note that this filing includes an adjustment to amounts previously filed with the Commission in Big Rivers' Form A filing for May 2022 expense month. The net impact of this adjustment is reflected in the Over/(Under) Recovery Schedule (Page 4) of the enclosed Form A filing for the June 2022 expense month through the "Revised FAC Rate Billed, if prior period adjustment is needed", included on Line 7 of that schedule. Supporting calculations and explanations of this adjustment is provided in Appendix A.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: June 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$11,085,046}{267,766,383 \text{ kWh}} = (+) \$ 0.041398 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.020466 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: August 1, 2022

Submitted by: *[Signature]*

Title: Manager of Finance

Date Submitted: 7/21/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: June 2022

<u>(A) Company Generation</u>		
Coal Burned	(+) \$	6,312,577
Pet Coke Burned	(+)	-
Oil Burned	(+)	122,791
Gas Burned	(+)	8,406,738
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	35,527
Fuel (assigned cost during Forced Outage)	(+)	1,432,473
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>16,239,052</u>
<u>(B) Purchases</u>		
Net energy cost - economy purchases	(+) \$	(5,172,747)
Identifiable fuel cost - other purchases	(+)	10,374,958
Identifiable fuel cost - Forced Outage purchases	(+)	3,892,932
Identifiable fuel cost (substitute for Forced Outage)	(-)	3,892,932
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	1,997,488
Less Purchases Above Highest Cost Units	(-)	991,251
<u>SUB-TOTAL</u>	\$	<u>2,213,472</u>
<u>(C) Inter-System Sales</u>		
Including Interchange-out	\$	9,684,376
<u>(D) Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(2,316,898)
TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	\$	<u><u>11,085,046</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: June 2022

(A) Generation (Net)	(+)	326,991,981
<u>Purchases including interchange-in</u>	(+)	<u>620,175,696</u>
SUB-TOTAL		<u>947,167,677</u>
(B) Inter-system Sales including interchange-out	(+)	643,087,457
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	22,934,754
<u>System Losses</u>	(+)	<u>13,379,083</u>
SUB-TOTAL		<u>679,401,294</u>
TOTAL SALES (A-B)		<u>267,766,383</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: June 2022

1. Last FAC Rate Billed		\$	0.006194
2. kWh Billed at Above Rate			<u>267,766,383</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>1,658,545</u>
4. kWh Used to Determine Last FAC Rate			221,720,192
5. Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>221,720,192</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed	See Appendix A	\$	<u>0.017930</u>
8. Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	\$	<u>3,975,443</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(2,316,898)</u>
10. Total Sales "Sm" (From Page 3 of 4)			<u>267,766,383</u>
11. Kentucky Jurisdictional Sales			<u>267,766,383</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)		<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$	<u>(2,316,898)</u>

To Page 2, Line D

Big Rivers Electric Corporation
Adjustments to May 2022 Expense Month Form A Filing
(Originally Filed with Commission by Letter Dated June 20, 2022)
Changes Highlighted in Yellow
(See Footnotes for explanation of changes)

	Expense Month:	May-22 As Revised	May-22 As Originally Filed	Feb-22 Difference	
Page 1:					
Fuel "Fm" (Fuel Cost Schedule)	(p. 2)	\$ 8,616,563	\$ 6,014,367	\$ 2,602,196	(1)
Sales "Sm" (Sales Schedule)	(p. 3)	221,720,192	221,720,192	-	
Total Fuel Cost per kWh (F(m) / S(m))		\$ 0.058862	\$ 0.027126	\$ 0.031736	
Base Fuel Factor		\$ 0.020932	\$ 0.020932	\$ -	
FAC Factor		\$ 0.017930	\$ 0.006194	\$ 0.011736	
Page 2:					
Company Generation:					
(+) Coal Burned		\$ 6,003,776	\$ 6,003,776	\$ -	
(+) Pet Coke Burned		-	-	-	
(+) Oil Burned		277,094	277,094	-	
(+) Gas Burned		3,645,241	3,645,241	-	
(+) Propane Burned		-	-	-	
(-) MISO Make Whole Payments		-	-	-	
(+) Fuel (Assigned Cost During F.O.)		1,509,139	1,509,139	-	
(-) Fuel (Substitute Cost During F.O.)		112,151	112,151	-	
(-) Fuel (Supplemental & Back-Up Energy to Smelters)		-	-	-	
(-) Fuel (Domtar Back-Up/ Imbalance Generation)		-	-	-	
(A) SUB-TOTAL Generation		\$ 11,323,099	\$ 11,323,099	\$ -	
Purchases:					
(+) Net energy cost - economy purchases		\$ (508,492)	\$ (3,110,688)	\$ 2,602,196	(1)
(+) Identifiable fuel cost - other purchases		7,515,772	7,515,772	-	
(+) Identifiable fuel cost - Forced Outage purchases		4,290,117	4,290,117	-	
(-) Identifiable fuel cost (substitute for Forced Outage)		4,290,117	4,290,117	-	
(-) Less Purchases for Supplemental and Back-Up to Smelters		-	-	-	
(-) Less Purchases for Domtar back up		2,005,508	2,005,508	-	
(-) Less Purchases Above Highest Cost Units		553,438	553,438	-	
(B) SUB-TOTAL Purchases		\$ 4,448,334	\$ 1,846,138	\$ 2,602,196	(1)
Intersystem Sales					
(C) Including Interchange-out		\$ 6,830,311	\$ 6,830,311	\$ -	
(D) Over/(Under) Recovery	(p. 4)	\$ 324,559	\$ 324,559	\$ -	
Total Fuel Cost [(A) + (B) - (C) - (D)]		\$ 8,616,563	\$ 6,014,367	\$ 2,602,196	(1)

Big Rivers Electric Corporation
Adjustments to May 2022 Expense Month Form A Filing
(Originally Filed with Commission by Letter Dated June 20, 2022)
Changes Highlighted in Yellow
(See Footnotes for explanation of changes)

	Expense Month:	May-22 As Revised	May-22 As Originally Filed	Feb-22 Difference
Page 3:				
	Generation (Net)	269,285,829	269,285,829	-
	Purchases including interchange-in	546,274,156	546,274,156	-
(A)	SUB-TOTAL (Generation & Purchases)	815,559,985	815,559,985	-
	Inter-system Sales including interchange-out	557,387,447	557,387,447	-
	Supplemental Sales to Smelters	-	-	-
	Backup Sales to Smelters	-	-	-
	Back-up and Energy Imbalance Sales to Domtar	24,678,447	24,678,447	-
	System Losses	11,773,899	11,773,899	-
(B)	SUB-TOTAL (OSS & Losses)	593,839,793	593,839,793	-
	Total Sales ((A) - (B))	221,720,192	221,720,192	-

Page 4:				
1.	Last FAC Rate Billed	\$ 0.018073	\$ 0.018073	\$ -
2.	kWh Billed at Above Rate	221,720,192	221,720,192	-
3.	FAC Revenue/(Refund) (Line 1 x Line 2)	\$ 4,007,149	\$ 4,007,149	\$ -
4.	kWh Used to Determine Last FAC Rate	203,761,983	203,761,983	-
5.	Non-Jurisdictional kWh (Included in Line 4)	-	-	-
6.	Kentucky Jurisdictional kWh (Line 4 - Line 5)	203,761,983	203,761,983	-
7.	Revised FAC Rate, if prior period adjustment is needed	\$ -	\$ -	\$ -
8.	Recoverable FAC Revenue/(Refund) (Line 1 x Line 6)	\$ 3,682,590	\$ 3,682,590	\$ -
9.	Over or (Under) Recovery (Line 3 - Line 8)	\$ 324,559	\$ 324,559	\$ -
10.	Total Sales "Sm" (Page 3)	221,720,192	221,720,192	-
11.	Kentucky Jurisdictional Sales	221,720,192	221,720,192	-
12.	Total Sales Divided by KY Juris. Sales (Line 10 / Line 11)	1.0000000	1.0000000	-
13.	Total Co. Over or (Under) Recovery (Line 9 x Line 12)	\$ 324,559	\$ 324,559	\$ -

Footnotes:

- (1) May-22 "Total Fuel Cost" was understated \$2,602,196. The adjustment to May-22 "Net energy cost - economy purchases" decreased the total fuel cost from \$6,014,367 to \$8,616,563. This was a result of purchases hedges being improperly recorded as a sale hedge in May 2022.



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

June 20, 2022

Linda Bridwell, Executive Director

~~Kentucky Public Service~~
Public Service Commission
P.O. Box
615
Frankfort, KY 40602

RECEIVED

JUN 20 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the May 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for May 2022 and is to be applied to invoices for service delivered during June 2022, which will be billed early July 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: May 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$6,014,367}{221,720,192 \text{ kWh}} = (+) \$ 0.027126 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

$$\text{FAC Factor (1)} = \underline{\underline{\$ 0.006194 / \text{kWh}}}$$

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: July 1, 2022

Submitted by: *A. J. Starn*

Title: Manager of Finance

Date Submitted: 6/20/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: May 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	6,003,776
Pet Coke Burned	(+)	-
Oil Burned	(+)	277,094
Gas Burned	(+)	3,645,241
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	-
Fuel (assigned cost during Forced Outage)	(+)	1,509,139
Fuel (substitute cost for Forced Outage)	(-)	112,151
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>11,323,099</u>
 (B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	(3,110,688)
Identifiable fuel cost - other purchases	(+)	7,515,772
Identifiable fuel cost - Forced Outage purchases	(+)	4,290,117
Identifiable fuel cost (substitute for Forced Outage)	(-)	4,290,117
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	2,005,508
Less Purchases Above Highest Cost Units	(-)	553,438
<u>SUB-TOTAL</u>	\$	<u>1,846,138</u>
 (C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	6,830,311
 (D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	324,559
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	\$	<u><u>6,014,367</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: May 2022

(A) Generation (Net)	(+)	269,285,829
Purchases including interchange-in	(+)	546,274,156
<u>SUB-TOTAL</u>		<u>815,559,985</u>
(B) Inter-system Sales including interchange-out	(+)	557,387,447
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	24,678,447
System Losses	(+)	11,773,899
<u>SUB-TOTAL</u>		<u>593,839,793</u>
TOTAL SALES (A-B)		<u>221,720,192</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: May 2022

1. Last FAC Rate Billed		\$ 0.018073
2. kWh Billed at Above Rate		<u>221,720,192</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	<u>\$ 4,007,149</u>
4. kWh Used to Determine Last FAC Rate		203,761,983
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>203,761,983</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		<u>\$ -</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	<u>\$ 3,682,590</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 324,559</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>221,720,192</u>
11. Kentucky Jurisdictional Sales		<u>221,720,192</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)	<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	<u>\$ 324,559</u>

To Page 2, Line D



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

May 19, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

MAY 19 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the April 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for April 2022 and is to be applied to invoices for service delivered during May 2022, which will be billed early June 2022.

Please note that this filing includes adjustments to amounts previously filed with the Commission in Big Rivers' Form A filing for March 2022 and February 2022 expense months. The net impact of these adjustments is reflected in the Over/(Under) Recovery Schedule (Page 4) of the enclosed Form A filing for the April 2022 expense month through the "Revised FAC Rate Billed, if prior period adjustment is needed", included on Line 7 of that schedule. Supporting calculations and explanations of these adjustments are provided in Appendix A.

Additionally, please note the description of two line items have been revised. On page 2 under Purchases, the previous description of "Less Purchases for Domtar back up" had been revised to read "Less Purchases for Non-Tariff Market Rate Sales to Members." On page 3 under Section B, the previous description of "Back-up and Energy Imbalance Sales to Domtar" has been revised to read "Non-Tariff Market Rate Sales to Members." These revisions were implemented due to a new member contract that became effective February 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation



Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: April 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$7,947,645}{203,761,983 \text{ kWh}} = (+) \$ 0.039005 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.018073 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: June 1, 2022

Submitted by: 

Title: Manager of Finance

Date Submitted: 5/19/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: April 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	7,623,676
Pet Coke Burned	(+)	-
Oil Burned	(+)	183,004
Gas Burned	(+)	-
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	-
Fuel (assigned cost during Forced Outage)	(+)	-
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>7,806,680</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	279,042
Identifiable fuel cost - other purchases	(+)	7,535,796
Identifiable fuel cost - Forced Outage purchases	(+)	-
Identifiable fuel cost (substitute for Forced Outage)	(-)	-
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Non-Tariff Market Rate Sales to Members	(-)	1,184,422
Less Purchases Above Highest Cost Units	(-)	1,874,016
<u>SUB-TOTAL</u>	\$	<u>4,756,400</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	5,001,476
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(386,041)
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	\$	<u><u>7,947,645</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: April 2022

(A) Generation (Net)	(+)	265,544,680
Purchases including interchange-in	(+)	518,715,752
<u>SUB-TOTAL</u>		<u>784,260,432</u>
(B) Inter-system Sales including interchange-out	(+)	547,218,855
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Non-Tariff Market Rate Sales to Members	(+)	16,866,584
System Losses	(+)	16,413,010
<u>SUB-TOTAL</u>		<u>580,498,449</u>
TOTAL SALES (A-B)		<u>203,761,983</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: April 2022

1. Last FAC Rate Billed		\$	0.015227
2. kWh Billed at Above Rate			<u>203,761,983</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>3,102,684</u>
4. kWh Used to Determine Last FAC Rate			<u>223,923,285</u>
5. Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>223,923,285</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed	See Appendix A	\$	<u>0.015580</u>
8. Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	\$	<u>3,488,725</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(386,041)</u>
10. Total Sales "Sm" (From Page 3 of 4)			<u>203,761,983</u>
11. Kentucky Jurisdictional Sales			<u>203,761,983</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)		<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$	<u>(386,041)</u>

To Page 2, Line D



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

April 20, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the March 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for March 2022 and is to be applied to invoices for service delivered during April 2022, which will be billed early May 2022.

Please note that this filing includes adjustments to amounts previously filed with the Commission in Big Rivers' Form A filing for February 2022 expense month. The net impact of these adjustments is reflected in the Over/(Under) Recovery Schedule (Page 4) of the enclosed Form A filing for the March 2022 expense month through the "Revised FAC Rate Billed, if prior period adjustment is needed", included on Line 7 of that schedule. Supporting calculations and explanations of these adjustments are provided in Appendix A.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: March 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$8,320,269}{230,100,709 \text{ kWh}} = (+) \$ 0.036159 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.015227 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: May 1, 2022

Submitted by: 

Title: Manager of Finance

Date Submitted: 4/20/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: March 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	13,930,191
Pet Coke Burned	(+)	783,372
Oil Burned	(+)	160,736
Gas Burned	(+)	-
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	-
Fuel (assigned cost during Forced Outage)	(+)	104,312
Fuel (substitute cost for Forced Outage)	(-)	-
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>14,978,611</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	1,026,131
Identifiable fuel cost - other purchases	(+)	2,366,478
Identifiable fuel cost - Forced Outage purchases	(+)	158,295
Identifiable fuel cost (substitute for Forced Outage)	(-)	158,295
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	353,526
Less Purchases Above Highest Cost Units	(-)	285,329
<u>SUB-TOTAL</u>	\$	<u>2,753,754</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	9,771,038
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(358,942)
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	\$	<u><u>8,320,269</u></u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: March 2022

(A) Generation (Net)	(+)	408,352,086
Purchases including interchange-in	(+)	586,495,093
<u>SUB-TOTAL</u>		<u>994,847,179</u>
(B) Inter-system Sales including interchange-out	(+)	740,500,011
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Back-up and Energy Imbalance Sales Domtar	(+)	7,045,540
System Losses	(+)	17,200,919
<u>SUB-TOTAL</u>		<u>764,746,470</u>
TOTAL SALES (A-B)		<u>230,100,709</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: March 2022

1. Last FAC Rate Billed		\$	0.019174
2. kWh Billed at Above Rate			<u>230,100,709</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>4,411,951</u>
4. kWh Used to Determine Last FAC Rate			<u>252,762,526</u>
5. Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>252,762,526</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed	See Appendix A	\$	<u>0.018875</u>
8. Recoverable FAC Revenue/(Refund)	(Line 7 x Line 6)	\$	<u>4,770,893</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(358,942)</u>
10. Total Sales "Sm" (From Page 3 of 4)			<u>230,100,709</u>
11. Kentucky Jurisdictional Sales			<u>230,100,709</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)		<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$	<u>(358,942)</u>

To Page 2, Line D

Big Rivers Electric Corporation
Adjustments to February 2022 Expense Month Form A Filing
(Originally Filed with Commission by Letter Dated March 21, 2022)
Changes Highlighted in Yellow
(See Footnotes for explanation of changes)

	<i>Expense Month:</i>	Feb-22 As Revised	Feb-22 As Originally Filed	Feb-22 Difference
Page 1:				
Fuel "Fm" (Fuel Cost Schedule)	(p. 2)	\$ 10,143,783	\$ 10,137,168	\$ 6,617
Sales "Sm" (Sales Schedule)	(p. 3)	254,823,771	252,762,526	2,061,245
Total Fuel Cost per kWh (Fm) / S(m)		\$ 0.039807	\$ 0.040106	\$(0.000299)
Base Fuel Factor		\$ 0.020932	\$ 0.020932	\$ -
FAC Factor		\$ 0.018875	\$ 0.019174	\$(0.000299)
Page 2:				
Company Generation:				
(+) Coal Burned		\$ 9,685,226	\$ 9,685,226	\$ -
(+) Pet Coke Burned		-	-	-
(+) Oil Burned		895,557	895,557	-
(+) Gas Burned		-	-	-
(+) Propane Burned		-	-	-
(-) MISO Make Whole Payments		10,349	10,349	-
(+) Fuel (Assigned Cost During F.O.)		1,593,072	1,593,072	-
(-) Fuel (Substitute Cost During F.O.)		187,636	187,636	-
(-) Fuel (Supplemental & Back-Up Energy to Smelters)		-	-	-
(-) Fuel (Domtar Back-Up/ Imbalance Generation)		-	-	-
(A) SUB-TOTAL Generation		\$ 11,975,870	\$ 11,975,870	\$ -
Purchases:				
(+) Net energy cost - economy purchases		\$ 780,167	\$ 780,167	\$ -
(+) Identifiable fuel cost - other purchases		3,924,128	3,924,128	-
(+) Identifiable fuel cost - Forced Outage purchases		1,805,057	1,805,057	-
(-) Identifiable fuel cost (substitute for Forced Outage)		1,805,057	1,805,057	-
(-) Less Purchases for Supplemental and Back-Up to Smelters		-	-	-
(-) Less Purchases for Domtar back up		54,885	54,885	-
(-) Less Purchases Above Highest Cost Units		50,801	50,801	-
(B) SUB-TOTAL Purchases		\$ 4,598,609	\$ 4,598,609	\$ -
Intersystem Sales				
(C) Including Interchange out		\$ 7,016,264	\$ 7,046,832	\$ (30,568) (1)
(D) Over/(Under) Recovery	(p. 4)	\$ (585,570)	\$ (609,521)	\$ 23,951
Total Fuel Cost [(A) + (B) - (C) - (D)]		\$ 10,143,785	\$ 10,137,168	\$ 6,617

Big Rivers Electric Corporation
 Adjustments to February 2022 Expense Month Form A Filing
 (Originally Filed with Commission by Letter Dated March 21, 2022)
 Changes Highlighted in Yellow
 (See Footnotes for explanation of changes)

	Expense Month:	Feb-22 As Revised	Feb-22 As Originally Filed	Feb-22 Difference
Page 3:				
	Generation (Net)	270,056,366	270,056,366	-
	Purchases including interchange-in	659,442,918	657,195,922	2,246,996 (2)
(A)	SUB-TOTAL (Generation & Purchases)	929,499,284	927,252,288	2,246,996
	Inter-system Sales including interchange-out	655,362,853	654,078,657	1,284,196 (3)
	Supplemental Sales to Smelters	-	-	-
	Backup Sales to Smelters	-	-	-
	Back-up and Energy Imbalance Sales to Domtar	1,267,960	1,267,960	-
	System Losses	18,044,700	19,143,145	(1,098,445) (4)
(B)	SUB-TOTAL (OSS & Losses)	674,675,513	674,489,762	185,751
	Total Sales ((A) - (B))	254,823,771	252,762,526	2,061,245

Page 4:				
1.	Last FAC Rate Billed	\$ 0.011620	\$ 0.011620	\$ -
2.	kWh Billed at Above Rate	254,823,771	252,762,526	2,061,245 (5)
3.	FAC Revenue/(Refund) (Line 1 x Line 2)	\$ 2,961,052	\$ 2,937,101	\$ 23,951
4.	kWh Used to Determine Last FAC Rate	305,217,040	305,217,040	-
5.	Non-Jurisdictional kWh (Included in Line 4)	-	-	-
6.	Kentucky Jurisdictional kWh (Line 4 - Line 5)	305,217,040	305,217,040	-
7.	Revised FAC Rate, if prior period adjustment is needed	\$ -	\$ -	\$ -
8.	Recoverable FAC Revenue/(Refund) (Line 1 x Line 6)	\$ 3,546,622	\$ 3,546,622	\$ -
9.	Over or (Under) Recovery (Line 3 - Line 8)	\$ (585,570)	\$ (609,521)	\$ 23,951
10.	Total Sales "Sm" (Page 3)	254,823,771	252,762,526	2,061,245 (5)
11.	Kentucky Jurisdictional Sales	254,823,771	252,762,526	2,061,245 (5)
12.	Total Sales Divided by KY Juris. Sales (Line 10 / Line 11)	1.0000000	1.0000000	-
13.	Total Co. Over or (Under) Recovery (Line 9 x Line 12)	\$ (585,570)	\$ (609,521)	\$ 23,951

Footnotes:

- (1) Feb-22 "Intersystem Sales Including Interchange-Out" was overstated \$30,568. The adjustment to Feb-22 System Losses (Note (5)) decreased the system average fuel price per MWh from \$41.956 to \$41.774. This resulted in a decrease to the intersystem sales including interchange-out of \$30,568.
- (2) Feb-22 "Purchases including interchange-in" were understated 2,246,996 kWh. The adjustment to Feb-22 member sales volumes (Note (6)) impacted the calculation utilized to determine the monthly interchange in, which caused the purchases including interchange-in to increase 2,246,996 kWh.
- (3) Feb-22 "Inter-system Sales including interchange-out" were understated 1,284,196 kWh. The adjustment to Feb-22 member sales volumes (Note (6)) impacted the calculation utilized to determine the monthly interchange out, which caused the inter-system sales including interchange-out to increase 1,284,196 kWh.
- (4) Feb-22 "System Losses" were overstated 1,098,445 kWh. The adjustment to Feb-22 member sales volumes (Note (6)) impacted the calculation utilized to determine the monthly system losses, which caused the System Losses to decrease 1,098,445 kWh.
- (5) Feb-22 "Total Sales" were understated 2,061,245 kWh. A new member contract became effective in February 2022. A portion of the mWh billed for this contract were inadvertently excluded from member sales volumes used to prepare the Form A Filing. To correct this error, a 2,061,245 mWh adjustment was made to increase the Feb-22 sales volumes.



201 Third Street
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Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

March 21, 2022

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

MAR 21 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the February 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for February 2022 and is to be applied to invoices for service delivered during March 2022, which will be billed early April 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in black ink that reads "Jib Stone". The signature is written in a cursive, somewhat stylized font.

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: February 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$10,137,168}{252,762,526 \text{ kWh}} = (+) \$ 0.040106 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.019174 / kWh

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: April 1, 2022

Submitted by: *Jif Stone*

Title: Manager of Finance

Date Submitted: 3/21/22

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: February 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	9,685,226
Pet Coke Burned	(+)	-
Oil Burned	(+)	895,557
Gas Burned	(+)	-
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	10,349
Fuel (assigned cost during Forced Outage)	(+)	1,593,072
Fuel (substitute cost for Forced Outage)	(-)	187,636
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>11,975,870</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	780,167
Identifiable fuel cost - other purchases	(+)	3,924,128
Identifiable fuel cost - Forced Outage purchases	(+)	1,805,057
Identifiable fuel cost (substitute for Forced Outage)	(-)	1,805,057
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	54,885
Less Purchases Above Highest Cost Units	(-)	50,801
<u>SUB-TOTAL</u>	\$	<u>4,598,609</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	7,046,832
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	(609,521)
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u>10,137,168</u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: February 2022

(A) Generation (Net)	(+)	270,056,366
Purchases including interchange-in	(+)	657,195,922
<u>SUB-TOTAL</u>		<u>927,252,288</u>
(B) Inter-system Sales including interchange-out	(+)	654,078,657
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Back-up and Energy Imbalance Sales Domtar	(+)	1,267,960
System Losses	(+)	19,143,145
<u>SUB-TOTAL</u>		<u>674,489,762</u>
TOTAL SALES (A-B)		<u>252,762,526</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: February 2022

1. Last FAC Rate Billed		\$	0.011620
2. kWh Billed at Above Rate			<u>252,762,526</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	\$	<u>2,937,101</u>
4. kWh Used to Determine Last FAC Rate			305,217,040
5. Non-Jurisdictional kWh (Included in Line 4)			<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)		<u>305,217,040</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		\$	<u>-</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	\$	<u>3,546,622</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	\$	<u>(609,521)</u>
10. Total Sales "Sm" (From Page 3 of 4)			<u>252,762,526</u>
11. Kentucky Jurisdictional Sales			<u>252,762,526</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)		<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	\$	<u>(609,521)</u>

To Page 2, Line D



201 Third Street
P.O. Box 24
Henderson, KY 42419-0024
270-827-2561
www.bigrivers.com

February 17, 2022

RECEIVED

Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

FEB 17 2022

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC) – Form A Filing

Dear Ms. Bridwell:

Enclosed is Big Rivers' monthly Form A filing for the January 2022 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for January 2022 and is to be applied to invoices for service delivered during February 2022, which will be billed early March 2022.

807 KAR 5:056 requires the monthly FAC factor be filed with the Commission ten (10) days before it is scheduled to go into effect. Accordingly, this filing is in compliance therewith.

Please contact me if you have any questions regarding this filing.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Stone".

Jennifer Stone, CPA
Manager of Finance, Big Rivers Electric Corporation

Enclosure

c: Paul G. Smith, Chief Financial Officer, Big Rivers Electric Corporation
Greg Grissom, Jackson Purchase Energy Corporation
Jeff Hohn, Kenergy Corp.
Marty Littrel, Meade County Rural Electric Cooperative Corporation

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: January 2022

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$9,935,395}{305,217,040 \text{ kWh}} = (+) \$ 0.032552 / \text{kWh}$$

$$\text{Base Fuel Component} = (-) 0.020932 / \text{kWh}$$

$$\text{FAC Factor (1)} = \underline{\underline{\$ 0.011620 / \text{kWh}}}$$

Note: (1) Six decimal places in dollars for normal rounding.

Effective Date for Billing: March 1, 2022

Submitted by: *Jeff Stone*

Title: Manager of Finance

Date Submitted: 2/17/21

**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: January 2022

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	15,736,988
Pet Coke Burned	(+)	-
Oil Burned	(+)	669,715
Gas Burned	(+)	-
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	18,056
Fuel (assigned cost during Forced Outage)	(+)	1,211,109
Fuel (substitute cost for Forced Outage)	(-)	136,388
Fuel (supplemental and back-up energy to Smelters)	(-)	-
Fuel (Domtar back-up / imbalance generation)	(-)	-
<u>SUB-TOTAL</u>	\$	<u>17,463,368</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	1,091,694
Identifiable fuel cost - other purchases	(+)	1,862,579
Identifiable fuel cost - Forced Outage purchases	(+)	1,300,407
Identifiable fuel cost (substitute for Forced Outage)	(-)	1,300,407
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	103,026
Less Purchases Above Highest Cost Units	(-)	215,705
<u>SUB-TOTAL</u>	\$	<u>2,635,542</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	9,508,440
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	655,075
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u>9,935,395</u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: January 2022

(A) Generation (Net)	(+)	450,149,712
Purchases including interchange-in	(+)	724,697,993
<u>SUB-TOTAL</u>		<u>1,174,847,705</u>
(B) Inter-system Sales including interchange-out	(+)	843,684,362
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Back-up and Energy Imbalance Sales Domtar	(+)	2,046,846
System Losses	(+)	23,899,457
<u>SUB-TOTAL</u>		<u>869,630,665</u>
TOTAL SALES (A-B)		<u>305,217,040</u>

BIG RIVERS ELECTRIC CORPORATION
FUEL ADJUSTMENT CLAUSE
OVER OR (UNDER) RECOVERY SCHEDULE

Expense Month: January 2022

1. Last FAC Rate Billed		\$ 0.009540
2. kWh Billed at Above Rate		<u>305,217,040</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	<u>\$ 2,911,771</u>
4. kWh Used to Determine Last FAC Rate		236,550,977
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>236,550,977</u>
7. Revised FAC Rate Billed, if prior period adjustment is needed		<u>\$ -</u>
8. Recoverable FAC Revenue/(Refund)	(Line 1 x Line 6)	<u>\$ 2,256,696</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 655,075</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>305,217,040</u>
11. Kentucky Jurisdictional Sales		<u>305,217,040</u>
12. Total Sales Divided by Kentucky Jurisdictional Sales	(Line 10 / Line 11)	<u>1.00000000</u>
13. Total Company Over or (Under) Recovery	(Line 9 x Line 12)	<u>\$ 655,075</u>

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