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February 19, 2020

Gwen R. Pinson, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

RECEIVED

FEB 20 2020

PUBLIC SERVICE
COMMISSION

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

Dear Ms. Pinson:

Enclosed is Big Rivers' monthly Form A filing for the January 2020 expense month. The FAC factor calculated in this filing is based on Big Rivers' actual kWh and cost data for January 2020 and is to be applied to invoices for service delivered during February 2020, which will be billed early March 2020.

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: January 2020

$$\frac{\text{Fuel "Fm" (Fuel Cost Schedule)}}{\text{Sales "Sm" (Sales Schedule)}} = \frac{\$5,976,371}{284,626,649 \text{ kWh}} = (+) \$ 0.020997 / \text{kWh}$$

Base Fuel Component = (-) 0.020932 / kWh

FAC Factor (1) = \$ 0.000065 / kWh

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

Effective Date for Billing: March 1, 2020

Submitted by: *Jeff Hsu*

Title: Manager of Finance

Date Submitted: 2/19/20

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**BIG RIVERS ELECTRIC CORPORATION
FUEL COST SCHEDULE**

Expense Month: January 2020

(A) <u>Company Generation</u>		
Coal Burned	(+) \$	4,932,036
Pet Coke Burned	(+)	-
Oil Burned	(+)	393,788
Gas Burned	(+)	266
Propane Burned	(+)	-
MISO Make Whole Payments	(-)	15,403
Fuel (assigned cost during Forced Outage)	(+)	40,208
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>5,350,895</u>
(B) <u>Purchases</u>		
Net energy cost - economy purchases	(+) \$	548,977
Identifiable fuel cost - other purchases	(+)	2,540,668
Identifiable fuel cost - Forced Outage purchases	(+)	42,210
Identifiable fuel cost (substitute for Forced Outage)	(-)	42,210
Less Purchases for supplemental and back-up energy to Smelters	(-)	-
Less Purchases for Domtar back up	(-)	168,632
Less Purchases Above Highest Cost Units	(-)	89,918
<u>SUB-TOTAL</u>	\$	<u>2,831,095</u>
(C) <u>Inter-System Sales</u>		
Including Interchange-out	\$	2,201,251
(D) <u>Over or (Under) Recovery</u>		
From Page 4, Line 13	\$	4,368
 TOTAL FUEL RECOVERY [(A)+(B)-(C)-(D)] =	<u>\$</u>	<u>5,976,371</u>

BIG RIVERS ELECTRIC CORPORATION

SALES SCHEDULE (kWh)

Expense Month: January 2020

(A) Generation (Net)	(+)	232,480,225
Purchases including interchange-in	(+)	460,767,141
<u>SUB-TOTAL</u>		<u>693,247,366</u>
(B) Inter-system Sales including interchange-out	(+)	387,340,341
Supplemental Sales to Smelters	(+)	-
Backup Sales to Smelters	(+)	-
Back-up and Energy Imbalance Sales Domtar	(+)	6,272,815
System Losses	(+)	15,007,561
<u>SUB-TOTAL</u>		<u>408,620,717</u>
TOTAL SALES (A-B)		<u>284,626,649</u>

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

Expense Month: January 2020

1. Last FAC Rate Billed		\$ 0.000393
2. kWh Billed at Above Rate		<u>284,626,649</u>
3. FAC Revenue/(Refund)	(Line 1 x Line 2)	<u>\$ 111,858</u>
4. kWh Used to Determine Last FAC Rate		273,512,591
5. Non-Jurisdictional kWh (Included in Line 4)		<u>-</u>
6. Kentucky Jurisdictional kWh	(Line 4 - Line 5)	<u>273,512,591</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>\$ 107,490</u>
9. Over or (Under) Recovery	(Line 3 - Line 8)	<u>\$ 4,368</u>
10. Total Sales "Sm" (From Page 3 of 4)		<u>284,626,649</u>
11. Kentucky Jurisdictional Sales		<u>284,626,649</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>\$ 4,368</u>

To Page 2, Line D