



Big Rivers Electric Corporation
710 West 2nd Street
Owensboro, KY 42301
www.bigrivers.com

June 06, 2024

Executive Director
Kentucky Public Service Commission
Attention: Linda Bridwell
211 Sower Boulevard
Frankfort, KY 40602

RECEIVED

JUN 06 2024

PUBLIC SERVICE
COMMISSION

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC)
Form B Support for Expense Month April 2024

Dear Executive Director:

Enclosed is Big Rivers' Form B in support of the FAC filing for the month ending April 30, 2024.

This Form B is being filed in compliance of providing support for the FAC filing within 45 days after the expense month.

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

A handwritten signature in blue ink that reads "Katie Cheatham".

Katie Cheatham
Manager Accounting

Enclosure

c: Ms. Talina Mathews, Chief Financial Officer
Mr. Greg Grissom, Jackson Purchase Energy Corporation
Mr. Timothy Lindahl, Kenergy Corp.
Mr. Marty Littrel, Meade County RECC
Mr. Tyson Kamuf, Esq., General Counsel

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: April 30, 2024

	<u>Fuel</u>		<u>Coal</u>		
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
<i>HMP&L Station Two</i>					
Beginning Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000
Purchases	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Transfer to Green Station	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Sub-total	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Less Fuel Burned	0.00	0.00	0.0000 ¢	0.00	\$0.0000
City of Henderson Shortfall	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Ending Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000
<i>Green</i>					
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000
Purchases (1)	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Sub-total	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Less Fuel Burned	0.00	0.00	0.0000	0.00	\$0.0000
Inventory Write-Off	<u>-</u>	<u>-</u>	0.0000	<u>-</u>	\$0.0000
Ending Inventory	\$0.00	\$0.00	0.0000 ¢	0.00	\$0.0000
<i>Wilson</i>					
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	\$43,586,898.84	20,917,061.13	208.3797 ¢	905,765.65	\$48.1216
Purchases (1)	<u>2,801,270.28</u>	<u>1,279,390.69</u>	218.9535 ¢	<u>55,770.14</u>	\$50.2289
Sub-total	46,388,169.12	22,196,451.82	208.9891 ¢	961,535.79	\$48.2438
Less Fuel Burned	3,143,356.16	1,504,076.47	208.9891 ¢	65,155.61	\$48.2438
Physical Inventory Adjustment	<u>-</u>	<u>-</u>	0.0000	<u>-</u>	\$0.0000
Ending Inventory	\$43,244,812.96	20,692,375.35	208.9891 ¢	896,380.18	\$48.2438
<i>Coal in Transit</i>					
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Coal In Transit (2)	<u>584,912.39</u>	<u>288,327.96</u>	202.8636 ¢	<u>12,501.35</u>	\$46.7879
Total Combined Inventory	<u>\$43,829,725.35</u>	<u>20,980,703.31</u>	208.9049 ¢	<u>908,881.53</u>	\$48.2238

Footnotes:

(1) There was no repair invoices in April 2024. Freight charges are allocated on tons unloaded during the current month to the stations. The freight cost for April 2024 for Wilson Station was \$5.835638279 per ton.

(2) Coal in-transit consists of coal purchased and owned by BREC that has not yet arrived at the plant and been unloaded. The coal in transit at the end of April 2024 was 12,501.35 tons for Wilson Station.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: April 30, 2024

Fuel Pet Coke

Green

	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000
Purchases	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Adjustments	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Sub-total	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Less Fuel Burned	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Ending Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000

Wilson

	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$49.8380
Purchases	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Adjustments	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Sub-total	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Less Fuel Burned	<u>0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Ending Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000

Pet Coke in Transit

	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Pet Coke in Transit	<u>\$0.00</u>	<u>0.00</u>	0.0000 ¢	<u>0.00</u>	\$0.0000
Total Combined Inventory	<u><u>\$0.00</u></u>	<u><u>0.00</u></u>	0.0000 ¢	<u><u>0.00</u></u>	\$0.0000

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid CT, HMP&L Station Two

Month Ended: April 30, 2024

Fuel No. 2 Fuel Oil

Reid Combustion Turbine

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	¢
Purchases	0.00	0.00	0.0000	¢
Adjustments(1)	0.00	0.00	0.0000	¢
Sub-Total	0.00	0.00	0.0000	¢
Transfers Out - CT Tanks(2)	0.00	0.00	0.0000	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	0.00	0.00	0.0000	¢
	0.00	\$0.00	0.0000	¢

Reid/Station Two

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	¢
Adjustment	0.00	0.00	0.0000	¢
Purchases	0.00	0.00	0.0000	¢
Transfers In - CT Tanks(3)	0.00	0.00	0.0000	¢
Sub-Total	0.00	0.00	0.0000	¢
Other Uses	0.00	0.00	0.0000	¢
	0.00	0.00	0.0000	¢
Less Fuel Burned-Jurisdictional	0.00	0.00	0.0000	¢
Less Fuel Transfer to Green Station (4) Non-Jurisdictional	0.00	0.00	0.0000	¢
Ending Inventory	0.00	\$0.00	0.0000	¢

Footnotes:

- (1) True-up of Book to Physical Measurement for April 2024.
- (2) Transfer out of fuel oil from Reid Combustion Turbine to Wilson Station April 2024.
- (3) There was no transfer of fuel oil from the Reid Combustion Turbine to the Reid/Station Two 50k fuel oil tank.
- (4) Transfer of fuel oil from the Reid/Station Two 50k fuel oil tank to the Green tank.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid, Green and Wilson

Month Ended: April 30, 2024

Fuel No. 2 Fuel OilGreen

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	¢
Purchases	0.00	0.00	0.0000	¢
Transfers In - CT Tanks	0.00	0.00	0.0000	¢
Sub-Total	0.00	0.00	0.0000	¢
Transfer Out - Wilson Tank (1)	0.00	0.00	0.0000	¢
Ending Inventory	0.00	\$0.00	0.0000	¢

Wilson

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	219,212.96	\$625,059.35	285.1380	¢
Transfer In (2)	0.00	0.00	0.0000	¢
Adjustments (3)	0.00	0.00	0.0000	¢
Purchases	147,581.00	416,678.73	282.3390	¢
Sub-Total	366,793.96	1,041,738.08	284.0118	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	148,806.13	422,626.95	284.0118	¢
Ending Inventory	217,987.83	619,111.13	284.0118	¢

Reid/Green - Coal Handling

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	¢
Adjustments	0.00	0.00	0.0000	¢
Purchases	0.00	0.00	0.0000	¢
Sub-Total	0.00	0.00	0.0000	¢
Less: Fuel Burned	0.00	0.00	0.0000	¢
Ending Inventory	0.00	\$0.00	0.0000	¢
Total Combined Inventory	217,987.83	\$619,111.13	284.0118	¢

Footnotes:

- (1) There was no transfer of fuel oil from Reid Combustion Turbine fuel oil tank to Wilson Station April 2024.
- (2) Transfer in of fuel oil from Combustion Turbine tank and the Green Station fuel oil tank to the Wilson Station fuel oil tank April 2024.
- (3) True-up of Book to Physical Measurement for April 2024.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid Combustion Turbine

Month Ended: April 30, 2024

Fuel: Natural Gas

Reid Combustion Turbine

	Units (MMBtu)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	MMBtu
Purchases (1)	80,078.00	160,185.78	2.0004	MMBtu
Purchase Adjustment (2)	0.00	0.00	0.0000	MMBtu
Sub-total	<u>80,078.00</u>	<u>160,185.78</u>	2.0004	MMBtu
Less Payback to BREC/Texas Gas	0.00	0.00	0.0000	MMBtu
Sales Tax Adjustment	0.00	0.00	0.0000	MMBtu
Less Fuel Burned (1)	80,078.00	160,185.78	2.0004	MMBtu
Ending Inventory	<u>0.00</u>	<u>\$0.00</u>	0.0000	MMBtu

Green Unit 1 & Unit 2

	Units (MMBtu)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	MMBtu
Purchases (3)	1,150,649.00	2,301,714.99	2.0004	MMBtu
Purchase Adjustment (4)	0.00	0.00	0.0000	MMBtu
Sub-total	<u>1,150,649.00</u>	<u>2,301,714.99</u>	2.0004	MMBtu
Less Payback to BREC/Texas Gas	0.00	0.00	0.0000	MMBtu
Sales Tax Adjustment	0.00	0.00	0.0000	MMBtu
Less Fuel Burned (3)	1,150,649.00	2,301,714.99	2.0004	MMBtu
Ending Inventory	<u>0.00</u>	<u>\$0.00</u>	0.0000	MMBtu

Footnotes:

- (1) BREC purchased and used 80,078 MMBtu for the Reid CT in April 2024.
- (2) There was no purchase adjustments for the Reid CT in April 2024.
- (3) BREC purchased 1,150,649 MMBtu for Green Unit 1 & 2 in April 2024.
- (4) There was no purchase adjustments for Green Unit 1 & 2 in April 2024.

POWER TRANSACTION SCHEDULE

Company: BIG RIVERS ELECTRIC CORPORATION

	Company	Purpose	System Average(\$)	Type of Transaction	Billing Components				
					Kwh	Demand/Capacity(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
Purchases	MISO	Available for system		Non-Displacement	57,295,200	\$0	\$1,548,440	(\$225,795)	\$1,322,645
	KY National Guard	Available for system		Non-Displacement	9,109	\$0	\$0	\$214	\$214
	Southern Star	Available for system		Non-Displacement	67,778	\$0	\$0	\$1,739	\$1,739
	SEPA	Available for system		Non-Displacement	24,796,000	\$741,186	\$0	\$0	\$741,186
SUB-TOTAL(1)		Net Energy Cost - Economy Purchases			82,168,087	\$741,186	\$1,548,440	(\$223,842)	\$2,065,784
	MISO	Scheduled Outages:		Non-Displacement	117,095,598	\$0	\$3,164,584	(\$125,290)	\$3,039,294
Footnote 1	MISO	Domtar Purchases		Non-Displacement	952,376	\$0	\$25,739	\$2,716	\$28,455
	MISO-Paducah	Blockware		Non-Displacement	16,184,602	\$0	\$437,399	\$7,677	\$445,076
	MISO	Intersystem Sale		Non-Displacement	3,312,000	\$0	\$89,509	\$13,332	\$102,841
	MISO	Cover Load & Lack of Generation		Non-Displacement	13,528,879	\$0	\$365,627	\$205,264	\$570,891
	Various	Capacity Purchases		Non-Displacement	0	\$483,750	\$0	\$0	\$483,750
SUB-Total(2)		Identifiable fuel cost (Total Other Purchases)			151,073,455	\$483,750	\$4,082,858	\$103,700	\$4,670,308
	MISO	Purchases for Forced Outages (> 6 hrs.):		Non-Displacement	1,598,662	\$0	\$43,205	(\$6,965)	\$36,240
SUB-TOTAL(3)		Identifiable fuel cost (substitute for Forced Outage)			1,598,662	\$0	\$43,205	(\$6,965)	\$36,240
					234,840,204	\$1,224,936	\$5,674,503	(\$127,107)	\$6,772,332
LESS: PURCHASED FOR SUPPLEMENTAL OR BACKUP SALES					0	\$0	\$0	\$0	\$0.00
TOTAL(4)		Total Purchased Power			234,840,204	\$1,224,936	\$5,674,503	(\$127,107)	\$6,772,332
Sales									
		Purchased Power:							
Footnote 2		DTE/EDF/NextEra/Morgan Stanley Indiana Hub(BTB)	\$27.026(System Average)	MISO (BTB)	3,312,000	\$0	\$89,509	\$690,254	\$779,763
SUB-TOTAL(1)					3,312,000	\$0	\$89,509	\$690,254	\$779,763
		Generation:							
Footnote 2	MISO:	BREC	\$27.026(System Average)	Coal-Petcoke Fired	173,875,442	\$0	\$4,699,096	\$1,382,560	\$6,081,657
Footnote 2	HMP&L	BREC	\$27.026(System Average)	Coal-Petcoke Fired	0	\$0	\$0	\$444	\$444
SUB-TOTAL(2)					173,875,442	\$0	\$4,699,096	\$1,383,004	\$6,082,101
LOSSES ACROSS OTHER SYSTEMS(NOT BILLED) (Footnote 3)					10,200,656	\$0	\$0	\$0	\$0
TOTAL(3)					187,388,098	\$0	\$4,788,605	\$2,073,258	\$6,861,863
		Interchange In			428,135,132	\$0	\$0	\$0	\$0
		Interchange Out			421,249,342	\$0	\$0	\$0	\$0
		Net Interchange			6,885,790	\$0	\$0	\$0	\$0

Footnotes:

Footnote 1: All Back-to-Back sales and purchases flowed through the MISO Indiana Hub and were netted. Therefore, there were no volume sales or purchases. The financial net BTB was \$0 and is shown as other charges under the purchased power section of sales.

Footnote 2: Fuel costs on both purchases and inter-system sales are based on BREC system weighted average of \$27.026 mills. There was a true-up of total energy dollars of \$95,167.15 in April 2024 from the S55 February 2024. resettlement. There was no impact to volume from the true-up made in April 2024 for February 2024 S55 resettlement. HMP&L was also invoiced \$443.86 for Auxiliary Power for April 2024.

Footnote 3: The calculated line losses for April 2024 activity was 10,200,656.

Light Blue - Net Energy Cost - Economy Purchases

Yellow - Identifiable fuel cost - Other Purchases

Green - Identifiable fuel cost - Forced Outage Purchases

BIG RIVERS ELECTRIC CORPORATION
PURCHASES
April 30, 2024

Form B

DATE	HE	MWh	PRICE	TOTAL Cost	Executi on	Counterpart y	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
4/1-4/30		952.376	\$ 29.878	\$ 28,454.98		Domtar	Back-Up Power	\$ 32.334	\$ -	\$ -
		952.376		\$ 28,454.98			Back-Up Power Total			\$ -
4/1-4/30		-	\$ -	\$ -		SIPC	Cong/Loss Rebates	\$ 32.334	\$ -	\$ -
4/1-4/30		-	\$ -	\$ -		AECI	Cong/Loss Rebates	\$ 32.334	\$ -	\$ -
		-	\$ -	\$ -			Cong/Loss Rebates Total			\$ -
4/1-4/30		-	\$ -	\$ -		SIPC	DA RSG	\$ 32.334	\$ -	\$ -
4/1-4/30		-	\$ -	\$ -		AECI	DA RSG	\$ 32.334	\$ -	\$ -
		-	\$ -	\$ -			DA RSG Total			\$ -
4/1-4/30		-	\$ -	\$ -		AECI	DA/RT Settle Adj	\$ 32.334	\$ -	\$ -
		-	\$ -	\$ -			DA/RT Settle Adj Total			\$ -
4/1	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/1	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/2	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/2	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/3	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/3	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/4	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/4	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/5	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/5	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/6	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/6	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/7	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/7	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/8	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/8	HE	-	\$ -	\$ -	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/9	HE 8-18	2,468.000	\$ 25.834	\$ 63,759.54	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/9	HE 2, 5-12	1,048.251	\$ 21.519	\$ 22,557.32	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/10	HE 1-6, 9, 12-17, 22, 24	2,378.000	\$ 25.573	\$ 60,812.26	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/10	HE 7	38.729	\$ 24.903	\$ 964.46	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/11	HE 6, 8-19, 21	1,487.000	\$ 29.338	\$ 43,625.03	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/11	HE 3-5, 11-14, 16, 22-24	1,475.216	\$ 23.886	\$ 35,236.55	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/12	HE 3-4, 6, 8-18, 23-24	1,373.000	\$ 27.812	\$ 38,185.39	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/12	HE 1-7, 10, 12-22, 24	1,808.308	\$ 20.158	\$ 36,451.27	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/13	HE 1-16, 21	1,794.700	\$ 20.582	\$ 36,939.07	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/13	HE 3-7, 9-10, 14-17, 22-24	638.182	\$ 18.425	\$ 11,758.71	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/14	HE 2-16, 23-24	1,106.800	\$ 21.307	\$ 23,582.12	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/14	HE 1-5, 8-18	1,108.029	\$ 15.858	\$ 17,571.45	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/15	HE 1-4, 8-9	422.000	\$ 22.657	\$ 9,561.44	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/15	HE 10, 12, 15, 17, 23-24	577.997	\$ 25.780	\$ 14,900.82	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/16	HE 6-7,9	20.000	\$ 17.888	\$ 357.76	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/16	HE 1-3,5,8,11-15,17,22-24	974.054	\$ 32.189	\$ 31,353.83	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/17	HE 3-4	102.900	\$ 17.074	\$ 1,756.96	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/17	HE 1-2,5-21,23-24	3,038.955	\$ 20.116	\$ 61,130.78	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/18	HE 1-4	128.900	\$ 22.353	\$ 2,881.35	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/18	HE 5,7-11,14-16, 18, 21-24	1,226.561	\$ 22.820	\$ 27,990.26	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/19	HE 4	34.000	\$ 22.507	\$ 765.25	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/19	HE 1-2,5-8, 10-18, 20-22	1,694.259	\$ 20.540	\$ 34,800.46	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/20	HE 2-5	116.200	\$ 22.634	\$ 2,630.05	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/20	HE 6-19, 22-24	2,465.009	\$ 20.163	\$ 49,702.29	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/21	HE 2-4, 12-16	277.300	\$ 21.594	\$ 5,988.02	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/21	HE 6-9, 11, 18-19, 22	966.028	\$ 20.085	\$ 19,402.52	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/22	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/22	HE 1, 3-5, 8-20, 22-24	5,465.776	\$ 21.937	\$ 119,902.71	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/23	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/23	HE 2, 5,7-15,17-20,22-24	5,327.439	\$ 19.933	\$ 106,191.88	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -
4/24	HE	-	\$ -	\$ -	Buy	Power Day Ahead	MISO Economic	\$ 32.334	\$ -	\$ -
4/24	HE 1-22	6,380.551	\$ 21.235	\$ 135,489.27	Buy	Power Real Time	MISO Economic	\$ 32.334	\$ -	\$ -

(3)

**BIG RIVERS ELECTRIC CORPORATION
PURCHASES
April 30, 2024**

Form B

DATE	HE	MWh	PRICE	TOTAL Cost	Executi on	Counterpart y	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
4/25	HE 11-12,22	154.000	\$ 30.110	\$ 4,636.92	Buy	Power	Day Ahead MISO	Economic	\$ 32.334	\$ -
4/25	HE 1-5, 7-24	-	\$ -	\$ -	Buy	Power	Real Time MISO	Economic	\$ 32.334	\$ -
4/26	HE 1-24	1,416.000	\$ 32.169	\$ 45,551.03	Buy	Power	Day Ahead MISO	Economic	\$ 32.334	\$ -
4/26	HE 2-4, 7-12, 14-19, 21	199.533	\$ 20.072	\$ 4,005.06	Buy	Power	Real Time MISO	Economic	\$ 32.334	\$ -
4/27	HE 1-18, 21-24	-	\$ -	\$ -	Buy	Power	Day Ahead MISO	Economic	\$ 32.334	\$ -
4/27	HE 2-10, 17, 23-24	61.997	\$ 15.850	\$ 982.68	Buy	Power	Real Time MISO	Economic	\$ 32.334	\$ -
4/28	HE 1-15, 22-24	1,184.340	\$ 39.787	\$ 47,121.87	Buy	Power	Day Ahead MISO	Economic	\$ 32.334	\$ 7.453
4/28	HE	-	\$ -	\$ -	Buy	Power	Real Time MISO	Economic	\$ 32.334	\$ -
4/29	HE 1-17	4,708.000	\$ 23.894	\$ 112,493.57	Buy	Power	Day Ahead MISO	Economic	\$ 32.334	\$ -
4/29	HE	-	\$ -	\$ -	Buy	Power	Real Time MISO	Economic	\$ 32.334	\$ -
4/30	HE 3-6, 9-15, 22-24	2,176.000	\$ 26.114	\$ 56,824.30	Buy	Power	Day Ahead MISO	Economic	\$ 32.334	\$ -
4/30	HE 2-3, 5-15	1,453.186	\$ 20.028	\$ 29,104.27	Buy	Power	Real Time MISO	Economic	\$ 32.334	\$ -
4/1-4/30		-	\$ -	\$ 5,676.02	Buy	Hedge	MISO	Economic	\$ 32.334	\$ -
		57,295.200	\$ -	\$ 1,322,644.54				Economic Total		\$ 8,827.21
4/1-4/30		-	\$ -	\$ -			AECI	MISO Energy Charges - AECI	\$ 32.334	\$ -
		-	\$ -	\$ -				MISO Energy Charges - AECI Total		\$ -
4/1-4/30		16,184.602	\$ 27.500	\$ 445,076.42			PADUCAH1	MISO Energy Charges - PADUCAH1	\$ 32.334	\$ -
		16,184.602	\$ -	\$ 445,076.42				MISO Energy Charges - PADUCAH1 Total		\$ -
4/1-4/30		2,781.000	\$ 28.497	\$ 79,249.59			SIPC	MISO Energy Charges - SIPC	\$ 32.334	\$ -
		2,781.000	\$ -	\$ 79,249.59				MISO Energy Charges - SIPC Total		\$ -
	HE 2-3, 5, 8, 11-15, 17	1,598.662	\$ 22.669	\$ 36,239.79	Buy	Power	Real Time MISO	Outage G2-24-07	\$ 32.334	\$ -
		1,598.662	\$ -	\$ 36,239.79				Outage G2-24-07 Total (FO>6)		\$ -
4/1	HE 1-24	11,264.000	\$ 25.937	\$ 292,152.41	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/1	HE 11,15-16, 18-22,24	200.596	\$ 41.006	\$ 8,225.60	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ 8.672
4/2	HE 1-24	11,551.000	\$ 23.580	\$ 272,369.45	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/2	HE 3, 5-6, 10, 24	285.173	\$ 28.910	\$ 8,244.32	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/3	HE 1-24	12,600.000	\$ 27.553	\$ 347,170.17	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/3	HE 15-16	61.210	\$ 26.477	\$ 1,620.67	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/4	HE 1-24	7,074.000	\$ 35.098	\$ 248,285.55	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ 2.764
4/4	HE 4, 11-15, 17-18, 24	1,135.695	\$ 23.607	\$ 26,810.61	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/5	HE 1-24	6,238.000	\$ 32.172	\$ 200,686.20	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/5	HE 1-6, 8-24	2,897.854	\$ 24.180	\$ 70,068.90	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/6	HE 1-24	4,835.000	\$ 33.649	\$ 162,693.78	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ 1.315
4/6	HE 1-4, 6,8-18	1,306.064	\$ 21.948	\$ 28,664.92	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/7	HE 1-24	11,453.000	\$ 23.772	\$ 272,260.58	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/7	HE 4,8-9,13-18	395.348	\$ 21.319	\$ 8,428.49	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/8	HE 1-24	9,566.000	\$ 26.952	\$ 257,820.64	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/8	HE 13, 16-18, 20-24	904.833	\$ 21.204	\$ 19,186.47	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
4/9	HE 1-10	3,023.000	\$ 24.172	\$ 73,072.83	Buy	Power	Day Ahead MISO	Outage W1-24-05	\$ 32.334	\$ -
4/9	HE	-	\$ -	\$ -	Buy	Power	Real Time MISO	Outage W1-24-05	\$ 32.334	\$ -
		84,790.773	\$ -	\$ 2,297,761.59				Outage W1-24-05 Total (MO)		\$ 27,651.10
4/24	HE	-	\$ -	\$ -	Buy	Power	Day Ahead MISO	Outage W1-24-06	\$ 32.334	\$ -
4/24	HE 23-24	1,067.202	\$ 22.404	\$ 23,909.87	Buy	Power	Real Time MISO	Outage W1-24-06	\$ 32.334	\$ -
4/25	HE	-	\$ -	\$ -	Buy	Power	Day Ahead MISO	Outage W1-24-06	\$ 32.334	\$ -
4/25	HE	5,299.963	\$ 21.587	\$ 114,410.03	Buy	Power	Real Time MISO	Outage W1-24-06	\$ 32.334	\$ -
4/26	HE 1-24	10,008.000	\$ 23.895	\$ 239,142.89	Buy	Power	Day Ahead MISO	Outage W1-24-06	\$ 32.334	\$ -
4/26	HE	-	\$ -	\$ -	Buy	Power	Real Time MISO	Outage W1-24-06	\$ 32.334	\$ -
4/27	HE	10,008.000	\$ 21.960	\$ 219,773.56	Buy	Power	Day Ahead MISO	Outage W1-24-06	\$ 32.334	\$ -
4/27	HE	-	\$ -	\$ -	Buy	Power	Real Time MISO	Outage W1-24-06	\$ 32.334	\$ -
4/28	HE	5,921.660	\$ 24.368	\$ 144,296.49	Buy	Power	Day Ahead MISO	Outage W1-24-06	\$ 32.334	\$ -
4/28	HE	-	\$ -	\$ -	Buy	Power	Real Time MISO	Outage W1-24-06	\$ 32.334	\$ -
		32,304.825	\$ -	\$ 741,532.84				Outage W1-24-06 Total (MO)		\$ -
4/1-4/30		-	\$ -	\$ -			PJM	PJM Fees (Transmission Only)	\$ 32.334	\$ -
		-	\$ -	\$ -				PJM Fees (Transmission Only) Total		\$ -
4/1-4/30		531.000	\$ 44.428	\$ 23,591.40			SIPC/AECI	SIPC/AECI GFA Transactions	\$ 32.334	\$ 12.094
		531.000	\$ -	\$ 23,591.40				SIPC/AECI GFA Transactions Total		\$ 6,421.95
4/1	HE	-	\$ -	\$ -	Buy	Power	Day Ahead MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -
4/1	HE 19-22	103.679	\$ 53.715	\$ 5,569.15	Buy	Power	Real Time MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 21.381

**BIG RIVERS ELECTRIC CORPORATION
PURCHASES
April 30, 2024**

Form B

DATE	HE	MWh	PRICE	TOTAL Cost	Executi on	Counterpart y	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit		
4/2	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/2	HE 16-19	95.998	\$ 37.660	\$ 3,615.26	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 5.326	\$ 511.24
4/3	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/3	HE 19-21	66.871	\$ 39.451	\$ 2,638.15	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 7.117	\$ 475.93
4/4	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/4	HE 2-3, 16, 19-21	262.525	\$ 48.441	\$ 12,717.06	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 16.107	\$ 4,228.53
4/5	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/5	HE 7	39.213	\$ 34.264	\$ 1,343.59	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 1.930	\$ 75.67
4/6	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/6	HE 5, 7, 19	100.511	\$ 35.204	\$ 3,538.34	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 2.869	\$ 288.40
4/7	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/7	HE 2,7	79.129	\$ 49.169	\$ 3,890.72	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 16.835	\$ 1,332.15
4/8	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/8	HE 14, 19	271.379	\$ 39.325	\$ 10,671.98	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 6.991	\$ 1,897.16
4/9	HE 23-24	98.000	\$ 43.645	\$ 4,277.23	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 11.311	\$ 1,108.48
4/9	HE	-	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/10	HE 8, 10-11, 18, 21, 23	206.000	\$ 36.240	\$ 7,465.47	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 3.906	\$ 804.63
4/10	HE	-	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/11	HE 1-5, 7, 22-23	118.000	\$ 42.347	\$ 4,996.97	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 10.013	\$ 1,181.54
4/11	HE 6-10, 15, 17-21	1,643.395	\$ 44.962	\$ 73,890.53	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 12.628	\$ 20,752.70
4/12	HE 1-2, 5, 7, 20-22	141.000	\$ 48.041	\$ 6,773.77	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 15.707	\$ 2,214.65
4/12	HE 8-9, 23	61.807	\$ 37.373	\$ 2,309.89	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 5.038	\$ 311.41
4/13	HE 17-18, 22-23	30.000	\$ 57.521	\$ 1,725.62	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 25.186	\$ 755.59
4/13	HE 18-21	154.555	\$ 70.907	\$ 10,958.96	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 38.572	\$ 5,961.55
4/14	HE 18-22	85.000	\$ 54.921	\$ 4,668.27	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 22.587	\$ 1,919.86
4/14	HE 19-21	153.318	\$ 45.529	\$ 6,980.35	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 13.194	\$ 2,022.94
4/15	HE 5-7	82.800	\$ 38.482	\$ 3,186.34	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 6.148	\$ 509.07
4/15	HE 11, 13-14, 16, 18-22	1,022.690	\$ 57.723	\$ 59,032.91	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 25.389	\$ 25,965.07
4/16	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/16	HE 16,18-21	1,012.544	\$ 58.389	\$ 59,121.89	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 26.055	\$ 26,382.11
4/17	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/17	HE 22	137.006	\$ 39.216	\$ 5,372.83	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 6.882	\$ 942.85
4/18	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/18	HE 6, 17, 19-20	239.100	\$ 32.900	\$ 7,866.50	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 0.566	\$ 135.40
4/19	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/19	HE 9, 19,23	181.537	\$ 40.889	\$ 7,422.85	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 8.555	\$ 1,553.00
4/20	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/20	HE 1	13.683	\$ 46.583	\$ 637.39	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 14.248	\$ 194.96
4/21	HE 5	4.000	\$ 60.835	\$ 243.34	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 28.501	\$ 114.00
4/21	HE 20-21,23-24	454.803	\$ 74.532	\$ 33,897.21	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 42.197	\$ 19,191.53
4/22	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/22	HE 2, 6-7, 21	362.804	\$ 56.734	\$ 20,583.36	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 24.400	\$ 8,852.39
4/23	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/23	HE 6,16,21	553.008	\$ 48.026	\$ 26,558.66	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 15.692	\$ 8,677.60
4/24	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/24	HE	-	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/25	HE 8-10, 13-17,24	173.000	\$ 48.863	\$ 8,453.22	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 16.528	\$ 2,859.41
4/25	HE 6	195.369	\$ 35.328	\$ 6,902.06	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 2.994	\$ 584.96
4/26	HE	-	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/26	HE 5-6, 20	46.385	\$ 44.423	\$ 2,060.55	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 12.089	\$ 560.73
4/27	HE 19-20	466.000	\$ 35.492	\$ 16,539.13	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 3.158	\$ 1,471.40
4/27	HE 1, 18-22	65.807	\$ 53.982	\$ 3,552.41	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 21.648	\$ 1,424.59
4/28	HE 16-21	1,859.000	\$ 14.638	\$ 27,212.69	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/28	HE	-	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/29	HE 18-24	1,604.000	\$ 41.042	\$ 65,831.45	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 8.708	\$ 13,967.43
4/29	HE	-	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ -	\$ -
4/30	HE 1-2, 7-8, 16-21	979.000	\$ 35.629	\$ 34,880.41	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 3.294	\$ 3,225.25
4/30	HE 1, 16-18	365.963	\$ 36.902	\$ 13,504.61	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 32.334	\$ 4.567	\$ 1,671.50

BIG RIVERS ELECTRIC CORPORATION
PURCHASES
April 30, 2024

Form B

DATE	HE	MWh	PRICE	TOTAL Cost	Executi on	Counterpart y	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
		13,528.879		\$ 570,891.12			To Cover Load and Lack of Generation Total			\$ 166,342.49
		209,967.317		\$ 5,545,442.27			Grand Total			\$ 209,242.75
	Plus: SEPA	24,796.000	\$ 29.891	\$ 741,186.18						
	Plus: KY National Guard	9.109	\$ 23.491	\$ 213.98						
	Plus: Southern Star	67.778	\$ 25.663	\$ 1,739.40						
	Plus: Capacity Purchases	-	\$ -	\$ 483,750.00						
	Total Purchased Power	\$ 234,840.20	\$ 79.05	\$ 6,772,331.83						

Recon to Nodal (S7):

Total MISO Purchased Power (Above):	209,967.317	\$ 5,545,442.27
Less: Purchases for Domtar Back-Up Power	952.376	\$ 28,454.98
Less: SIPC Charges	2,781.000	\$ 79,249.59
Less: SIPC GFA Transactions	531.000	\$ 23,591.40
Less: PJM Transactions	-	\$ -
Less: AECI Charges	-	\$ -
Less: Purchased Power Hedges	-	\$ 5,676.02
Total MISO Purchases Above (Excl. SIPC & Domtar):	205,702.941	\$ 5,408,470.28
Total MISO Purchased Power per S7 Nodal Report:	189,518.339	\$ 4,963,393.86
Total MISO Purchased Power per S7 Nodal Report:	16,184.602	\$ 445,076.42
Difference:	-	\$ (0.00)

(A) Total Purchases over Highest Cost Unit	\$ 209,242.75
(1) Purchases above Highest Cost Unit for Forced Outages > 6 hours	\$ -
(2) Purchases above Highest Cost Unit for B-T-B Purchases	\$ -
(3) Purchases above Highest Cost unit for Domtar Purchases	\$ -
(4) Purchases above Highest Cost Unit for Outages < 6 hours economic purchases, Scheduled Outages & cover Load & lack of Gen.	\$ -
(5) Total Purchases above Highest Cost Unit (A)-(1) (For Form A Filing)	\$ 209,242.75

**Reid Combustion Turbine
April 30, 2024**

Form B

Date	Service Hours	Net MWh	MCF	Gas Cost	Natural Gas Cost	Texas Gas Transportation	Total Cost	\$MWh
4/4/24	16.480		9,537.30					
4/5/24	5.320		2,757.76					
4/9/24	0.750		399.04					
4/14/24	5.650		3,699.71					
4/15/24	9.400		5,599.87					
4/16/24	15.320		9,231.04					
4/17/24	22.020		10,563.71					
4/18/24	16.330		9,873.22					
4/21/24	4.200		2,434.05					
4/22/24	6.370		3,269.95					
4/24/24	19.500		8,102.98					
4/25/24	21.080		9,473.98					
4/30/24	1.800		766.21					
Average	144.22	4954.070	75,708.82	\$ 2.12	\$ 126,408.55	\$ 33,777.23	\$ 160,185.780	\$ 32.33

The Reid Combustion Turbine (CT) was placed in Automatic Dispatch System on April 4th, 5th, 9th, 14th-18th, 21st, 22nd, 24th, 25th and 30th, 2024. MISO called upon the Reid CT 144.220 hours. The Reid CT was available 672.3 hours.

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF COAL PURCHASED FOR FUEL CLAUSE BACKUP
April 30, 2024**

STATION & SUPPLIER (a)	PBDU (b)	POCN (c)	MT (d)	Mine State Type Code	Tons Purchased (e)	BTU Per Lb. (f)	No. MMBTU Per Ton (g)	F.O.B. Mine		Transportation Cost		Delivered Cost		% SO2 (n)	% Ash (o)	% H2O (p)	
								\$ Per Ton (h)	¢ Per MMBTU (i)	\$ Per Ton (j)	¢ Per MMBTU (k)	\$ Per Ton (l)	¢ Per MMBTU (m)				
STATION NAME - Green																	
LONG TERM CONTRACT																	
Total Contract					-	-	-	-	-	-	-	-	-	-	-	-	-
SPOT CONTRACT																	
Total Spot					-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GREEN STATION					-	-	-	-	-	-	-	-	-	-	-	-	-
STATION NAME - Wilson																	
LONG TERM CONTRACT																	
Alliance - 989	P	22-002	B	S	WKY	39,602.53	11,504	911,207.88	46.2163	200.8633	5.8356	25.3626	52.0519	226.2259	2.89	9.13	11.76
American Consolidated Natural Resources - 1005	P	22-001	T	U	WKY	9,919.26	11,485	227,852.84	42.1179	183.3545	3.9000	16.9781	46.0179	200.3326	2.44	9.01	11.92
Foresight Coal - 1111	P	24-001	T	U	WKY	6,248.35	11,229	140,329.97	45.3589	201.9656	0.0000	0.0000	45.3589	201.9656	2.94	8.60	13.45
Total Contract					55,770.14	11,470	1,279,390.69	45.3913	197.8660	4.8376	21.0875	50.2289	218.9535	2.82	9.05	11.98	
SPOT CONTRACT																	
Total Spot					0.00	-	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
TOTAL WILSON STATION					55,770.14	11,470	1,279,390.69	45.3913	197.8660	4.8376	21.0875	50.2289	218.9535	2.82	9.05	11.98	
TOTAL BIG RIVERS SYSTEM					55,770.14	11,470	1,279,390.69	45.3913	197.8660	4.8376	21.0875	50.2289	218.9535	2.82	9.05	11.98	

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF PET COKE PURCHASED FOR FUEL CLAUSE BACKUP
April 30, 2024**

STATION & SUPPLIER (a)	PBDU (b)	POCN (c)	MT (d)	State Code	Tons Purchased (e)	BTU Per Lb. (f)	No. MMBTU Per Ton (g)	F.O.B. Mine \$ Per Ton (h)	¢ Per MMBTU (i)	Transportation Cost \$ Per Ton (j)	¢ Per MMBTU (k)	Delivered Cost \$ Per Ton (l)	¢ Per MMBTU (m)	% SO2 (n)	% Ash (o)	% H2O (p)
STATION NAME - Green																
LONG TERM CONTRACT																
					0.00	0	0.00	N/A	N/A	Included	Included	0.0000	0.0000	0.00	0.00	0.00
Total Contract					0.00	0	0.00	N/A	N/A	Included	Included	0.0000	0.0000	0.00	0.00	0.00
SPOT CONTRACT																
Total Spot					0.00	-	0.00	0.00	0.00	0.0000	0.0000	0	0.0000	0.00	0.00	0.00
TOTAL GREEN STATION					0.00	-	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
STATION NAME - Wilson																
LONG TERM CONTRACT																
Total Contract					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
SPOT CONTRACT					0.00	0	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
Total Spot					0.00	-	0.00	N/A	0.00	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
TOTAL WILSON STATION					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
TOTAL BIG RIVERS SYSTEM					0.00	-	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00

(b) Designated by Symbol
P= Producer D=Distributor
B= Broker U= Utility

(c) POCN = Purchase Order
or Contract Number

(d) MT = Mode of Transportation
Designated by Symbol
R = Rail T = Truck B = Barge P = Pipeline

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF OTHER FUEL PURCHASES
April 30, 2024**

Fuel & Supplier (a)	P B D U (b)	P O C N (c)	M I (d)	Station Name (e)	Gal. or MMBtu Purchased (f)	BTU Per Unit (g)	Delivered Cost(\$) (h)	Cents per MMBTU (i)	% Sulfur (j)
<u>Oil - Start-up & Flame Stabilization</u>									
#2 Diesel - Heritage Petroleum, LLC	D	P.O. 275331	T	Wilson	147,581.00	138,000	\$ 416,678.73	0.0205	N/A
					<u>147,581.00</u>		<u>\$ 416,678.73</u>		
<u>Oil - Coal Handling</u>									
					<u>-</u>	138,000	<u>\$ -</u>	0.0000	N/A
<u>Natural Gas</u>									
Texas Gas Transmission (1)	D	BRE 10-G01	P	Reid CT	-	1,000,000	\$ 33,777.23	0.0000	N/A
Southwest Energy, LP (3)	P	BRE-23-G01	P	Reid CT	10,155.00	1,000,000	\$ 15,496.82	0.0015	N/A
NRG Business Marketing (1)	P	BRE-22-G08	P	Reid CT	651.00	1,000,000	\$ 989.00	0.0015	N/A
ECO-Energy (1)	P	BRE-22-G07	P	Reid CT	20,621.00	1,000,000	\$ 31,650.16	0.0015	N/A
CIMA Energy, LTD (1)	P	BRE-14-G07	P	Reid CT	10,736.00	1,000,000	\$ 18,061.97	0.0017	N/A
Tenaska Marketing Ventures (1)	P	BRE-11-G06	P	Reid CT	38,990.00	1,000,000	\$ 60,210.61	0.0015	N/A
Fuel Qty and Pipe Imbalance (2)	P			Reid CT	(1,075.00)	1,000,000	\$ -	0.0000	N/A
Southwest Energy, LP (3)	P	BRE-23-G01	P	Green	145,910.00	1,000,000	\$ 222,674.28	0.0015	N/A
NRG Business Marketing (3)	P	BRE-22-G08	P	Green	9,349.00	1,000,000	\$ 14,211.00	0.0015	N/A
ECO-Energy (3)	P	BRE-22-G07	P	Green	296,309.00	1,000,000	\$ 454,782.18	0.0015	N/A
CIMA Energy, LTD (3)	P	BRE-14-G07	P	Green	154,264.00	1,000,000	\$ 259,533.03	0.0017	N/A
Tenaska Marketing Ventures (3)	P	BRE-11-G06	P	Green	560,248.00	1,000,000	\$ 865,168.27	0.0015	N/A
Texas Gas Transmission (3)	P	BRE 10-G01	P	Green	-	1,000,000	\$ 485,346.22	0.0000	N/A
Fuel Qty and Pipe Imbalance (2)	P			Green	(15,431.00)	1,000,000	\$ -	0.0000	N/A
					<u>1,230,727.00</u>	1,000,000	<u>\$ 2,461,900.77</u>	0.0020	N/A

Footnotes:

- (1) BREC purchased and used 80,078 MMBtu for the Reid CT in April 2024.
- (2) Gas quantity cuts from scheduled gas and +/- pipe imbalance beg/end of month.
- (3) BREC purchased 1,150,649 MMBtu for Green Unit 1 & 2 in April 2024.

Designated by Symbol
 (b) P = Producer
 B = Broker
 D = Distributor
 U = Utility

(c) POCN = Purchase Order or
 Contract Number

(d) MT = Mode of Transportation
 Designated by Symbol
 R = Rail
 B = Barge
 T = Truck
 P = Pipeline

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Reid

For the Month of: April 30, 2024

Line No.	Item Description	Reid 1 (1) Unit # 1	(Oil & Gas) Reid CT (2) Unit #2	Total Station
1.	Unit Performance:			
	a. Capacity (name plate rating) (MW)	65	65	130
	b. Capacity (average load) (L2c/L3a) (MW)	0	34	0
	c. Net Demonstrated Capability (MW)	65	65	130
	d. Net Capability Factor(L1b/L1c) (%)	0.0%	52.9%	0.0%
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	0	76,834	76,834
	b. Gross Generation (MWH)	0	5,031	5,031
	c. Net Generation (MWH)	0	4,954	4,954
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	15,509	15,509
3.	Operation Availability:			
	a. Hours Unit Operated	0.0	144.2	144.2
	b. Hours Available	0.0	672.3	672.3
	c. Hours During the Period	720.0	720.0	1,440.0
	d. Availability Factor(L3b/L3c) (%)	0.0%	93.4%	46.7%
4.	Cost Per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0000	0.0318	0.0318
	b. Net Generation - FAC Basis (cents/KWH)	0.0000	0.0323	0.0323
5.	Inventory Analysis:			
	a. Number of Days Supply based on actual burn at the station	0	0	0

Footnotes:

(1) Reid Unit 1 was put into Idled Status effective April 1, 2016.
 (2) Reid CT has dual capability of operating as an oil-fired unit or a natural gas-fired unit.

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: HMP&L Station Two

For the Month of: April 30, 2024

Line No.	Item Description	Unit # 1	Unit #2	Total Station
1.	Unit Performance:			
	a. Capacity (name plate rating) (MW)	153	159	312
	b. Capacity (average load) (L2c/L3a) (MW)	0	0	0
	c. Net Demonstrated Capability (MW)	153	159	312
	d. Net Capability Factor(L1b/L1c) (%)	0.0%	0.0%	0.0%
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	0	0	0
	b. Gross Generation (MWH)	0	0	0
	c. Net Generation (MWH)	(32)	(32)	(64)
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	0	0
3.	Operation Availability:			
	a. Hours Unit Operated	0.0	0.0	0.0
	b. Hours Available	0.0	0.0	0.0
	c. Hours During the Period	720.0	720.0	1,440.0
	d. Availability Factor(L3b/L3c) (%)	0.0%	0.0%	0.0%
4.	Cost Per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0000	0.0000	0.0000
	b. Net Generation - FAC Basis (cents/KWH)	0.0000	0.0000	0.0000
5.	Inventory Analysis:			
	a. Number of Days Supply based on actual burn at the station (1)	See Total Station	See Total Station	

Footnotes:

(1) The coal pile is not kept on a unit basis. These units are no longer operating.

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Green

For the Month of: April 30, 2024

Line No.	Item Description	Unit # 1	Unit #2	Total Station
1.	Unit Performance:			
	a. Capacity (name plate rating) (MW)	231	223	454
	b. Capacity (average load) (L2c/L3a) (MW)	145	108	253
	c. Net Demonstrated Capability (MW)	231	223	454
	d. Net Capability Factor(L1b/L1c) (%)	62.8%	48.4%	55.7%
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	0	0	0
	b. Gross Generation (MWH)	78,332	28,088	106,420
	c. Net Generation (MWH)	70,669	23,640	94,309
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	0	0
3.	Operation Availability:			
	a. Hours Unit Operated	487.9	218.3	706.2
	b. Hours Available	720.0	702.4	1,422.4
	c. Hours During the Period	720.0	720.0	1,440.0
	d. Availability Factor(L3b/L3c) (%)	100.0%	97.6%	98.8%
4.	Cost Per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0207	0.0243	0.0216
	b. Net Generation - FAC Basis (cents/KWH)	0.0229	0.0289	0.0244
5.	Inventory Analysis:			
	a. Number of Days Supply based on actual burn at the station (1)	See Total Station	See Total Station	0

Footnotes:

(1) The Green units were commercialized as natural gas fired units in May 2022.

Form B

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Wilson

For the Month of: April 30, 2024

Line No.	Item Description	Unit # 1	Total Station
1.	Unit Performance:		
	a. Capacity (name plate rating) (MW)	417	417
	b. Capacity (average load) (L2c/L3a) (MW)	315	315
	c. Net Demonstrated Capability (MW)	417	417
	d. Net Capability Factor(L1b/L1c) (%)	75.7%	75.7%
2.	Heat Rate:		
	a. BTU Consumed (MMBTU)	952,711	952,711
	b. Gross Generation (MWH)	146,540	146,540
	c. Net Generation (MWH)	133,980	133,980
	d. Heat Rate(L2a/L2c) (BTU/KWH)	7,111	7,111
3.	Operation Availability:		
	a. Hours Unit Operated	424.7	424.7
	b. Hours Available	424.7	424.7
	c. Hours During the Period	720.0	720.0
	d. Availability Factor(L3b/L3c) (%)	59.0%	59.0%
4.	Cost Per KWH:		
	a. Gross Generation - FAC Basis (cents/KWH)	0.0243	0.0243
	b. Net Generation - FAC Basis (cents/KWH)	0.0266	0.0266
5.	Inventory Analysis:		
	a. Number of Days Supply based on actual burn at the station (1)	198	198

Footnotes:

(1) The coal pile is not kept on a unit basis. Therefore, this figure represents actual station coal inventory at the end of the month. Coal currently makes up 100% of the burn.