



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

April 4, 2025

RECEIVED
APR 02 2025

PUBLIC SERVICE
COMMISSION

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

RE: Big Rivers Electric Corporation
Fuel Adjustment Clause (FAC)
Form B Support for Expense Month February 2025

Dear Executive Director:

Enclosed is Big Rivers' Form B in support of the FAC filing for the month ending February 28, 2025.

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

Our Generating Stations & Office Locations: Headquarters • Energy Transmission & Substation • Sebree Station • Wilson Station



Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: February 28, 2025

	<u>Fuel Coal</u>				
	<u>HMP&L Station Two</u>				
	<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
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
	<u>Green</u>				
	<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
	<u>Wilson</u>				
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	\$26,122,484.80	12,059,059.15	216.6213 ¢	521,468.99	\$50.0940
Purchases (1)	<u>2,431,379.94</u>	<u>902,740.21</u>	269.3333 ¢	<u>39,975.07</u>	\$60.8224
Sub-total	28,553,864.74	12,961,799.36	220.2924 ¢	561,444.06	\$50.8579
Less Fuel Burned	5,543,969.64	2,516,640.83	220.2924 ¢	109,009.02	\$50.8579
Physical Inventory Adjustment	<u>-</u>	<u>-</u>	0.0000	<u>-</u>	\$0.0000
Ending Inventory	\$23,009,895.10	10,445,158.53	220.2924 ¢	452,435.04	\$50.8579
	<u>Coal in Transit</u>				
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Coal In Transit (2)	<u>1,780,434.17</u>	<u>898,775.07</u>	198.0956 ¢	<u>39,875.97</u>	\$44.6493
Total Combined Inventory	<u>\$24,790,329.27</u>	<u>11,343,933.60</u>	218.5338 ¢	<u>492,311.01</u>	\$50.3550

Footnotes:

(1) There was 2 repair invoices (2-665407, 2-665408) billed to Wilson in February 2025. Freight charges are allocated on tons unloaded during the current month to the stations. The freight cost for February 2025 for Wilson Station was \$16.390635464 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 February 2025 was 39,875.97 tons for Wilson Station.

Company: **BIG RIVERS ELECTRIC CORPORATION****FUEL INVENTORY SCHEDULE**

Plant: HMP&L Station Two, Green and Wilson

Month Ended: February 28, 2025

	<u>Fuel Pet Coke</u>				
	<u>Green</u>				
	<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
	<u>Wilson</u>				
	<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
	<u>Pet Coke in Transit</u>				
	<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: February 28, 2025

Fuel No. 2 Fuel OilReid 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	0.00	0.00	0.0000	¢
Non-Jurisdictional			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)	0.00	0.00	0.0000	¢
Non-Jurisdictional				¢
Ending Inventory	0.00	\$0.00	0.0000	¢

Footnotes:

- (1) True-up of Book to Physical Measurement for February 2025.
- (2) Transfer out of fuel oil from Reid Combustion Turbine to Wilson Station February 2025.
- (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: February 28, 2025

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	206,716.75	\$476,109.95	230.3200	¢
Transfer In (2)	0.00	0.00	0.0000	¢
Adjustments (3)	0.00	0.00	0.0000	¢
Purchases	286,625.00	720,102.93	251.2352	¢
Sub-Total	493,341.75	1,196,212.88	242.4714	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	234,945.80	569,676.48	242.4714	¢
Ending Inventory	258,395.95	626,536.40	242.4714	¢

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	258,395.95	\$626,536.40	242.4714	¢

Footnotes:

- (1) There was no transfer of fuel oil from Reid Combustion Turbine fuel oil tank to Wilson Station February 2025.
- (2) Transfer in of fuel oil from Combustion Turbine tank and the Green Station fuel oil tank to the Wilson Station fuel oil tank February 2025.
- (3) True-up of Book to Physical Measurement for February 2025.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid Combustion Turbine

Month Ended: February 28, 2025

Fuel: Natural Gas

Reid Combustion Turbine

	Units (MMBtu)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	MMBtu
Purchases (1)	0.00	0.00	0.0000	MMBtu
Purchase Adjustment (2)	0.00	0.00	0.0000	MMBtu
Sub-total	0.00	0.00	0.0000	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)	0.00	0.00	0.0000	MMBtu
Ending Inventory	0.00	\$0.00	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)	0.00	0.00	0.0000	MMBtu
Purchase Adjustment (4)	0.00	0.00	0.0000	MMBtu
Sub-total	0.00	0.00	0.0000	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)	0.00	0.00	0.0000	MMBtu
Ending Inventory	0.00	\$0.00	0.0000	MMBtu

Footnotes:

- (1) BREC purchased and used 0 MMBtu for the Reid CT in February 2025.
- (2) There was no purchase adjustments for the Reid CT in February 2025.
- (3) BREC purchased 0 MMBtu for Green Unit 1 & 2 in February 2025.
- (4) There was no purchase adjustments for Green Unit 1 & 2 in February 2025.

Company:		POWER TRANSACTION SCHEDULE							
BIG RIVERS ELECTRIC CORPORATION									
					Billing Components				
Company		Purpose	System Average(\$)	Type of Transaction	Kwh	Demand/ Capacity(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
Purchases									
	MISO	Available for system		Non-Displacement	10,755,292	\$0	\$320,278	\$511,142	\$831,419
	KY National Guard	Available for system		Non-Displacement	4,526	\$0	\$0	\$165	\$165
	Southern Star	Available for system		Non-Displacement	37,505	\$0	\$0	\$1,520	\$1,520
	Unbridled	Available for system		Non-Displacement	17,319,745	\$0	\$0	\$627,629	\$627,629
	SEPA	Available for system		Non-Displacement	30,474,000	\$692,762	\$0	\$0	\$692,762
SUB-TOTAL(1)		Net Energy Cost - Economy Purchases			58,591,068	\$692,762	\$320,278	\$1,140,455	\$2,153,495
Footnote 1	MISO	Scheduled Outages:		Non-Displacement	9,915,621	\$0	\$295,274	\$425,997	\$721,271
	MISO	Domtar Purchases		Non-Displacement	1,424,753	\$0	\$42,427	\$19,628	\$62,055
	MISO-Paducah	Blockware		Non-Displacement	13,646,207	\$0	\$406,365	\$65,498	\$471,863
	MISO	Intersystem Sale		Non-Displacement	10,828,000	\$0	\$322,443	\$196,611	\$519,054
	MISO	Cover Load & Lack of Generation		Non-Displacement	180,850,915	\$0	\$5,385,493	\$5,203,289	\$10,588,783
	Various	Capacity Purchases		Non-Displacement	0	\$206,250	\$0	\$0	\$206,250
SUB-Total(2)		Identifiable fuel cost (Total Other Purchases)			216,665,496	\$206,250	\$6,452,003	\$5,911,024	\$12,569,276
	MISO	Purchases for Forced Outages (> 6 hrs.):		Non-Displacement	38,052,011	\$0	\$1,133,137	\$1,871,621	\$3,004,758
SUB-TOTAL(3)		Identifiable fuel cost (substitute for Forced Outage)			38,052,011	\$0	\$1,133,137	\$1,871,621	\$3,004,758
					313,308,575	\$899,012	\$7,905,418	\$8,923,100	\$17,727,529
LESS: PURCHASED FOR SUPPLEMENTAL OR BACKUP SALES					0	\$0	\$0	\$0	\$0.00
TOTAL(4)		Total Purchased Power			313,308,575	\$899,012	\$7,905,418	\$8,923,100	\$17,727,529
Sales									
Footnote 2	Purchased Power:			MISO (BTB)	10,828,000	\$0	\$322,443	(\$903,655)	(\$581,212)
	DTE/EDF/NextEra/Morgan Stanle Indiana Hub(BTB)								
SUB-TOTAL(1)					10,828,000	\$0	\$322,443	(\$903,655)	(\$581,212)
Footnote 2	Generation:			BREC	163,871,517	\$0	\$4,879,870	\$5,384,735	\$10,264,605
	MISO:	BREC	\$29.779(System Average)						
Footnote 2	HMP&L	BREC	\$29.779(System Average)	Coal-Petcoke Fired	0	\$0	\$0	\$1,487	\$1,487
SUB-TOTAL(2)					163,871,517	\$0	\$4,879,870	\$5,386,222	\$10,266,092
LOSSES ACROSS OTHER SYSTEMS(NOT BILLED) (Footnote 3)					11,099,444	\$0	\$0	\$0	\$0
TOTAL(3)					185,798,961	\$0	\$5,202,313	\$4,482,567	\$9,684,880
	Interchange In				509,712,476	\$0	\$0	\$0	\$0
	Interchange Out				501,260,795	\$0	\$0	\$0	\$0
	Net Interchange				8,451,681	\$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 \$29.779 mills. There was a true-up of total energy dollars of (\$7,286.46) in February 2025 from the S55 December 2024 resettlement. There was no impact to volume from the true-up made in February 2025 for December 2024 S55 resettlement. HMP&L was also invoiced \$1,486.86 for Auxiliary Power for February 2025.

Footnote 3: The calculated line losses for February 2025 activity was 11,099,444.

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
February 28, 2025

Form B

DATE	HE	MWh	PRICE	TOTAL Cost		Execution		Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
2/1-2/28		1,424.753	\$ 43.555	\$ 62,055.24				Domtar	Back-Up Power	\$ 28.008	\$ 15.547	\$ 22,150.15
		1,424.753		\$ 62,055.24					Back-Up Power Total			\$ 22,150.15
2/1-2/28		0.000	\$ -	\$ -				SIPC	Cong/Loss Rebates	\$ 28.008	\$ -	\$ -
2/1-2/28		0.000	\$ -	\$ -				AECI	Cong/Loss Rebates	\$ 28.008	\$ -	\$ -
		0.000		\$ -					Cong/Loss Rebates Total			\$ -
2/1-2/28		0.000	\$ -	\$ -				SIPC	DA RSG	\$ 28.008	\$ -	\$ -
2/1-2/28		0.000	\$ -	\$ -				AECI	DA RSG	\$ 28.008	\$ -	\$ -
		0.000		\$ -					DA RSG Total			\$ -
2/1-2/28		0.000	\$ -	\$ -				AECI	DA/RT Settle Adj	\$ 28.008	\$ -	\$ -
		0.000		\$ -					DA/RT Settle Adj Total			\$ -
2/1	HE 1-5,15-16,24	1,109.000	\$ 26.603	\$ 29,502.21	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/1	HE 2,7	15.071	\$ 23.296	\$ 351.09	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/2	HE 1-6,11-16,24	1,815.000	\$ 26.558	\$ 48,202.36	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/2	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/3	HE 1-6,12-17,23-24	2,085.000	\$ 25.262	\$ 52,671.10	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/3	HE 1-4,6	51.020	\$ 23.282	\$ 1,187.83	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/4	HE 1-6,	467.000	\$ 23.686	\$ 11,061.41	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/4	HE 6,11-17	211.535	\$ 24.073	\$ 5,092.35	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/5	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/5	HE 4	7.276	\$ 27.993	\$ 203.68	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/6	HE 13-16,24	1,006.000	\$ 26.695	\$ 26,855.28	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/6	HE 23-24	79.705	\$ 25.795	\$ 2,055.99	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/7	HE 1	143.000	\$ 27.328	\$ 3,907.91	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/7	HE 2-3,16-17	126.391	\$ 24.142	\$ 3,051.35	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/8	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/8	HE 6-8	266.188	\$ 27.197	\$ 7,239.55	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/9	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/9	HE 2-8	221.456	\$ 25.654	\$ 5,681.29	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/10	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/10	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/11	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/11	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/12	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/12	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/13	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/13	HE 5-6,10,14	36.453	\$ 12.844	\$ 468.22	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/14	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/14	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/15	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/15	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/16	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/16	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/17	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/17	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/18	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/18	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/19	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/19	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/20	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/20	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/21	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/21	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/22	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/22	HE 11,14-17	309.197	\$ 25.891	\$ 8,005.39	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/23	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/23	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/24	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/24	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -

BIG RIVERS ELECTRIC CORPORATION
PURCHASES

Form B

February 28, 2025

DATE	HE	MWh	PRICE	TOTAL Cost	Execution		Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
2/25	HE 15-16	493.000	\$ 26.742	\$ 13,183.72	Buy Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/25	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/26	HE	0.000	\$ -	\$ -	Buy Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/26	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/27	HE 13-17	1,189.000	\$ 26.641	\$ 31,675.63	Buy Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/27	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/28	HE 13-17	1,124.000	\$ 26.293	\$ 29,553.48	Buy Power	Day Ahead	MISO	Economic	\$ 28.008	\$ -	\$ -
2/28	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	Economic	\$ 28.008	\$ -	\$ -
2/1-2/28		16,800.000	\$ 54.250	\$ 911,400.00	Buy Hedge		AEP Energy Partners, Inc	Economic	\$ 28.008	\$ 26.242	\$ 440,858.43
2/1-2/28		84,000.000	\$ 53.170	\$ 4,466,280.00	Buy Hedge		Macquarie Energy	Economic	\$ 28.008	\$ 25.162	\$ 2,113,572.13
2/1-2/28		67,200.000	\$ 51.375	\$ 3,452,400.00	Buy Hedge		Morgan Stanley Capital Group	Economic	\$ 28.008	\$ 23.367	\$ 1,570,233.70
2/1-2/28		-168,000.000	\$ 47.493	\$ (7,978,770.00)	Buy Hedge		MISO Energy (Indiana Hub or BREC.BREC) Fixed P	Economic	\$ 28.008	\$ 19.484	\$ (3,273,354.25)
2/1-2/28		0.000	\$ -	\$ (299,898.81)	Buy Hedge		MISO Energy (Indiana Hub & LGEE) Back to Back	Economic	\$ 28.008	\$ -	\$ -
		10,755.292		\$ 831,361.03				Economic Total			\$ 851,310.00
2/1-2/28		0.000	\$ -	\$ -			AECI	MISO Energy Charges - AECI	\$ 28.008	\$ -	\$ -
		0.000		\$ -				MISO Energy Charges - AECI Total			\$ -
2/1-2/28		13,646.207	\$ 34.578	\$ 471,863.26			PADUCAH1	MISO Energy Charges - PADUCAH1	\$ 28.008	\$ 6.570	\$ 89,654.47
		13,646.207		\$ 471,863.26				MISO Energy Charges - PADUCAH1 Total			\$ 89,654.47
2/1-2/28		13,800.000	\$ 44.159	\$ 609,394.50			SIPC	MISO Energy Charges - SIPC	\$ 28.008	\$ 16.151	\$ 222,878.21
		13,800.000		\$ 609,394.50				MISO Energy Charges - SIPC Total			\$ 222,878.21
2/1	HE 4-6-8-9-19-24	112.733	\$ 30.011	\$ 3,383.28	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 2.003	\$ 225.81
2/2	HE 5-8-19-20	48.937	\$ 33.113	\$ 1,620.46	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 5.105	\$ 249.81
2/3	HE 5-7-8	77.466	\$ 35.760	\$ 2,770.21	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 7.752	\$ 600.51
2/4	HE 21-22	76.348	\$ 32.640	\$ 2,492.03	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 4.632	\$ 353.64
2/5	HE 3-6-10,15,17-18,20	164.311	\$ 51.339	\$ 8,435.53	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 23.330	\$ 3,833.44
2/6	HE 19-22	99.817	\$ 33.951	\$ 3,388.86	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 5.942	\$ 593.14
2/7	HE 4-6-9-13-15,18-24	880.065	\$ 41.097	\$ 36,167.75	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 13.088	\$ 11,518.51
2/8	HE 1-5-9-20,22-24	1,375.113	\$ 37.215	\$ 51,174.20	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 9.206	\$ 12,659.45
2/9	HE 1-9-14,16-20,22-24	591.831	\$ 30.976	\$ 18,332.48	Buy Power	Real Time	MISO	Outage G1-25-2	\$ 28.008	\$ 2.967	\$ 1,756.22
2/15	HE 1-24	678.000	\$ 41.955	\$ 28,445.46	Buy Power	Day Ahead	MISO	Outage G1-25-2	\$ 28.008	\$ 13.947	\$ 9,455.75
2/16	HE 1-24	901.000	\$ 38.458	\$ 34,650.61	Buy Power	Day Ahead	MISO	Outage G1-25-2	\$ 28.008	\$ 10.450	\$ 9,415.02
2/18	HE 1-24	4,910.000	\$ 108.027	\$ 530,410.18	Buy Power	Day Ahead	MISO	Outage G1-25-2	\$ 28.008	\$ 80.018	\$ 392,888.80
		9,915.621		\$ 721,271.05				Outage G1-25-2 Total (UO4)			\$ 443,550.10
2/17	HE 1,3-6,14-24	1,103.659	\$ 46.554	\$ 51,379.59	Buy Power	Real Time	MISO	Outage G2-25-4	\$ 28.008	\$ 18.545	\$ 20,467.84
2/18	HE 1-24	253.000	\$ 96.332	\$ 24,371.89	Buy Power	Day Ahead	MISO	Outage G2-25-4	\$ 28.008	\$ 68.323	\$ 17,285.76
2/19	HE 1-24	5,544.000	\$ 107.044	\$ 593,453.48	Buy Power	Day Ahead	MISO	Outage G2-25-4	\$ 28.008	\$ 79.036	\$ 438,174.76
2/20	HE 1-24	3,512.000	\$ 129.073	\$ 453,305.15	Buy Power	Day Ahead	MISO	Outage G2-25-4	\$ 28.008	\$ 101.065	\$ 354,939.55
2/21	HE 1-24	2,689.000	\$ 115.733	\$ 311,205.88	Buy Power	Day Ahead	MISO	Outage G2-25-4	\$ 28.008	\$ 87.725	\$ 235,891.22
		13,101.659		\$ 1,433,715.99				Outage G2-25-4 Total (UO1)			\$ 1,066,759.13
2/14	HE 1-24	7,802.217	\$ 80.564	\$ 628,579.01	Buy Power	Real Time	MISO	Outage W1-25-02	\$ 28.008	\$ 52.556	\$ 410,051.18
2/15	HE 1-24	10,008.000	\$ 51.738	\$ 517,789.15	Buy Power	Day Ahead	MISO	Outage W1-25-02	\$ 28.008	\$ 23.729	\$ 237,480.81
2/16	HE 1-3	1,251.000	\$ 33.912	\$ 42,424.10	Buy Power	Day Ahead	MISO	Outage W1-25-02	\$ 28.008	\$ 5.904	\$ 7,385.56
2/16	HE 4	1.549	\$ 30.652	\$ 47.48	Buy Power	Real Time	MISO	Outage W1-25-02	\$ 28.008	\$ 2.644	\$ 4.09
		19,062.766		\$ 1,188,839.74				Outage W1-25-02 Total (UO1)			\$ 654,921.65
2/18	HE 1-2,4-24	4,631.016	\$ 60.566	\$ 280,481.33	Buy Power	Real Time	MISO	Outage W1-25-03	\$ 28.008	\$ 32.557	\$ 150,773.86
2/19	HE 1-3	1,251.000	\$ 81.090	\$ 101,443.81	Buy Power	Day Ahead	MISO	Outage W1-25-03	\$ 28.008	\$ 53.082	\$ 66,405.27
2/19	HE 1	5.570	\$ 49.761	\$ 277.17	Buy Power	Real Time	MISO	Outage W1-25-03	\$ 28.008	\$ 21.753	\$ 121.16
		5,887.586		\$ 382,202.31				Outage W1-25-03 Total (UO1)			\$ 217,300.29
2/1-2/28		0.000	\$ -	\$ 58.45			PJM	PJM Fees (Transmission Only)	\$ 28.008	\$ -	\$ -
		0.000		\$ 58.45				PJM Fees (Transmission Only) Total			\$ -
2/1-2/28		-2,972.000	\$ 30.397	\$ (90,340.38)			SIPC/AECI	SIPC/AECI GFA Transactions	\$ 28.008	\$ 2.389	\$ (7,099.33)
		-2,972.000		\$ (90,340.38)				SIPC/AECI GFA Transactions Total			\$ (7,099.33)
2/1	HE 6-14,17-23	2,796.000	\$ 32.437	\$ 90,692.88	Buy Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 28.008	\$ 4.428	\$ 12,381.32
2/1	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 28.008	\$ -	\$ -
2/2	HE 7-10,17-23	1,676.000	\$ 33.776	\$ 56,608.66	Buy Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 28.008	\$ 5.768	\$ 9,666.54
2/2	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 28.008	\$ -	\$ -
2/3	HE 7-11,18-22	1,319.000	\$ 33.597	\$ 44,314.26	Buy Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 28.008	\$ 5.588	\$ 7,371.14
2/3	HE	0.000	\$ -	\$ -	Buy Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 28.008	\$ -	\$ -

BIG RIVERS ELECTRIC CORPORATION
PURCHASES
February 28, 2025

Form B

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DATE	HE	MWh	PRICE	TOTAL Cost	Execution	Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
	Total Purchased Power	313,308.575	\$ 135.853	\$ 17,727,528.91						

Recon to Nodal (S7):

Total MISO Purchased Power (Above):	265,472.799	\$ 16,199,203.880
Less: Purchases for Domtar Back-Up Power	1,424.753	\$ 62,055.240
Less: SIPC Charges	13,800.000	\$ 609,394.500
Less: SIPC GFA Transactions	(2,972.000)	\$ (90,340.380)
Less: PJM Transactions	-	\$ 58.450
Less: AECI Charges	-	\$ -
Less: Purchased Power Hedges	-	\$ 551,411.190
Total MISO Purchases Above (Excl. SIPC & Domtar):	253,220.046	\$ 15,066,624.88
Total MISO Purchased Power per S7 Nodal Report:	239,573.839	\$ 14,594,761.62
Total MISO Purchased Power per S7 Nodal Report:	14,003.883	\$ 471,863.26

(A) Total Purchases over Highest Cost Unit	\$ 9,084,857.68
(1) Purchases above Highest Cost Unit for Forced Outages > 6 hours	\$ 1,938,981.07
(2) Purchases above Highest Cost Unit for B-T-B Purchases	\$ -
(3) Purchases above Highest Cost unit for Domtar Purchases	\$ 22,150.15
(4) Purchases above Highest Cost Unit for Outages < 6 hours economic purchases, Scheduled Outages & cover Load & lack of Gen.	\$ 5,523,433.03
(5) Total Purchases above Highest Cost Unit (A)-(1) (For Form A Filing)	\$ 7,123,726.47

**BIG RIVERS ELECTRIC CORPORATION
FUEL BURNED**

MONTH OF 02/28/25

		<u>TON/GAL/MCF</u>	<u>Cost</u>	<u>Gross KWH</u>	<u>TRUE NET KWH</u>	<u>Mills/KWH</u>
Reid			\$ -	0	0	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
Gas Turbine			\$ -	0	0	0.000
	Oil	-	\$ -			
	Gas	-	\$ -			
Wilson			\$ 6,113,646.13	238,444,980	218,278,810	28.008
	Coal	109,009.02	\$ 5,543,969.65			
	PetCoke	-	\$ -			
	Oil	234,945.80	\$ 569,676.48			
H1 (net of city take)			\$ -	0	(59,357)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
H2 (net of city take)			\$ -	0	(59,357)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
Station Two			\$ -	0	(118,714)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
G1			\$ -	0	(1,140,759)	0.000
	Coal	-	\$ -			
	PetCoke	-	\$ -			
	Gas	-	\$ -			
G2			\$ -	0	(735,506)	0.000
	Coal	-	\$ -			
	PetCoke	-	\$ -			
	Gas	-	\$ -			
Green			\$ -	0	(1,876,265)	0.000
	Coal	0.00	\$ -			
	PetCoke	-	\$ -			
	Gas	0.00	\$ -			
SYSTEM TOTAL			\$ 6,113,646.13	238,444,980	216,283,831	28.267
Line Losses					11,099,444	
System Average					205,184,387	29.796
Less: Energy Used by Idled/Retired Units (Coleman, Reid & Station 2)					(118,714)	
Total (Net of Line Losses & Energy Used by Idled Units)					205,303,101	29.779
Coal			\$ 5,543,969.65			
Pet Coke			\$ -			
Oil			\$ 569,676.48			
Gas			\$ -			
			<u>\$ 6,113,646.13</u>			

Reid Combustion Turbine
February 28, 2025

Form B

Date	1-Feb Estimated Gas Price	Gross Mw's	Estimated Nat Gas Burn (MCF/HR)	Estimated BTU/HR	Gross Heat Rate (BTU/KWH)	Adjusted Gross Heat Rate (X%) (BTU/KWH)	Cost Per Gross Megawatt (\$/mwh)
2/1/25	\$3.19	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 38.572
2/2/25	\$3.60	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 43.530
2/3/25	\$3.60	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 43.530
2/4/25	\$3.60	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 43.530
2/5/25	\$3.62	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 43.772
2/6/25	\$3.64	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 44.014
2/7/25	\$3.87	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 46.795
2/8/25	\$4.00	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 48.367
2/9/25	\$4.11	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 49.697
2/10/25	\$4.30	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 51.994
2/11/25	\$4.30	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 51.994
2/12/25	\$4.30	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 51.994
2/13/25	\$4.69	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 56.710
2/14/25	\$4.71	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 56.952
2/15/25	\$5.52	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 66.746
2/16/25	\$9.54	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 115.354
2/17/25	\$9.54	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 115.354
2/18/25	\$9.54	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 115.354
2/19/25	\$10.07	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 121.763
2/20/25	\$8.16	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 98.668
2/21/25	\$6.00	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 72.550
2/22/25	\$5.27	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 63.723
2/23/25	\$5.27	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 63.723
2/24/25	\$5.27	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 63.723
2/25/25	\$3.99	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 48.246
2/26/25	\$3.77	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 45.586
2/27/25	\$3.62	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 43.772
2/28/25	\$3.90	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 47.157
Average	\$4.83	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 58.439

February Average

\$ 58.439 \$/MwH

February Lowest Gas Price

\$ 38.572 \$/MwH

The Reid Combustion Turbine (CT) was not available for service during February 2025.

BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF COAL PURCHASED FOR FUEL CLAUSE BACKUP
February 28, 2025

STATION & SUPPLIER (a)	PBDU (b)	POCN (c)	MT (d)	Mine Type	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																	
Total Contract						-	-	-	-	-	-	-	-	-	-	-	-
SPOT CONTRACT																	
Total Spot						-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GREEN STATION																	
STATION NAME - Wilson																	
LONG TERM CONTRACT																	
Knight Hawk - 1241	P	25-001	B	U	IL	15,572.91	11,158	347,514.01	40.0997	179.6961	16.3906	73.4502	56.4903	253.1463	2.94	8.35	13.51
Alliance - 1242	P	25-002	B	U	WKY	24,402.16	11,377	555,226.20	47.1964	207.4279	16.3906	72.0367	63.5870	279.4647	2.94	9.26	12.50
Total Contract						39,975.07	11,291	902,740.22	44.4318	196.7524	16.3906	72.5809	60.8224	269.3333	2.94	8.91	12.89
SPOT CONTRACT																	
Total Spot						0.00	-	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
TOTAL WILSON STATION																	
						39,975.07	11,291	902,740.22	44.4318	196.7524	16.3906	72.5809	60.8224	269.3333	2.94	8.91	12.89
TOTAL BIG RIVERS SYSTEM																	
						39,975.07	11,291	902,740.22	44.4318	196.7524	16.3906	72.5809	60.8224	269.3333	2.94	8.91	12.89

BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF PET COKE PURCHASED FOR FUEL CLAUSE BACKUP
February 28, 2025

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 ¢ Per MMBTU (h)	(i)	Transportation Cost \$ Per Ton ¢ Per MMBTU (j)	(k)	Delivered Cost \$ Per Ton ¢ Per MMBTU (l)	(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																
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
February 28, 2025

Fuel & Supplier (a)	P B D U (b)	P O C N (c)	M T (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 - Mansfield Oil Co. of Gainesville, Inc	D	P.O. 278809	T	Wilson	30,526.00	138,000	\$ 80,521.21	0.0191	N/A
#2 Diesel - Mansfield Oil Co. of Gainesville, Inc	D	P.O. 278801	T	Wilson	7,600.00	138,000	\$ 19,653.54	0.0187	N/A
#2 Diesel - Heritage Petroleum, LLC	D	P.O. 278818	T	Wilson	7,574.00	138,000	\$ 19,212.88	0.0184	N/A
#2 Diesel - Home Oil and Gas Co., Inc	D	P.O. 278794	T	Wilson	13,949.00	138,000	\$ 35,804.30	0.0186	N/A
#2 Diesel - Home Oil and Gas Co., Inc	D	P.O. 278798	T	Wilson	166,876.00	138,000	\$ 410,379.85	0.0178	N/A
#2 Diesel - Valor, LLC	D	P.O. 278795	T	Wilson	30,326.00	138,000	\$ 77,103.85	0.0184	N/A
#2 Diesel - Petroleum Traders Corporation	D	P.O. 278810	T	Wilson	29,774.00	138,000	\$ 77,427.30	0.0188	N/A
					286,625.00		\$ 720,102.93		
<u>Oil - Coal Handling</u>									
					-	138,000	\$ -	0.0000	N/A
<u>Natural Gas</u>									
					-	1,000,000	\$ -	0.0000	N/A

Footnotes:

- (1) BREC purchased and used 0 MMBtu for the Reid CT in February 2025.
(2) Gas quantity cuts from scheduled gas and +/- pipe imbalance beg/end of month.
(3) BREC purchased 0 MMBtu for Green Unit 1 & 2 in February 2025.

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

Form B

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Reid

For the Month of: February 28, 2025

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	0	0
	c. Net Demonstrated Capability (MW)	65	65	130
	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)	0	0	0
	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	672.0	672.0	1,344.0
	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	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.

Form B

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: HMP&L Station Two

For the Month of: February 28, 2025

Line No.	Item Description			Total Station
1.	Unit Performance:	Unit # 1	Unit #2	
	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)	(59)	(59)	(119)
	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	672.0	672.0	1,344.0
	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.

Form B

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Green

For the Month of: February 28, 2025

Line No.	Item Description			Total Station
1.	Unit Performance:	<u>Unit # 1</u>	<u>Unit #2</u>	
	a. Capacity (name plate rating) (MW)	231	223	454
	b. Capacity (average load) (L2c/L3a) (MW)	0	0	0
	c. Net Demonstrated Capability (MW)	231	223	454
	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)	(1,141)	(736)	(1,876)
	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	562.2	562.2
	c. Hours During the Period	672.0	672.0	1,344.0
	d. Availability Factor(L3b/L3c) (%)	0.0%	83.7%	41.8%
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	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: February 28, 2025

Line No.	Item Description		
1.	Unit Performance:	<u>Unit # 1</u>	<u>Total Station</u>
	a. Capacity (name plate rating) (MW)	417	417
	b. Capacity (average load) (L2c/L3a) (MW)	361	361
	c. Net Demonstrated Capability (MW)	417	417
	d. Net Capability Factor(L1b/L1c) (%)	86.6%	86.6%
2.	Heat Rate:		
	a. BTU Consumed (MMBTU)	2,516,641	2,516,641
	b. Gross Generation (MWH)	238,445	238,445
	c. Net Generation (MWH)	218,279	218,279
	d. Heat Rate(L2a/L2c) (BTU/KWH)	11,529	11,529
3.	Operation Availability:		
	a. Hours Unit Operated	604.5	604.5
	b. Hours Available	604.5	604.5
	c. Hours During the Period	672.0	672.0
	d. Availability Factor(L3b/L3c) (%)	90.0%	90.0%
4.	Cost Per KWH:		
	a. Gross Generation - FAC Basis (cents/KWH)	0.0256	0.0256
	b. Net Generation - FAC Basis (cents/KWH)	0.0280	0.0280
5.	Inventory Analysis:		
	a. Number of Days Supply based on actual burn at the station (1)	100	100

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.