



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

December 04, 2024

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

RECEIVED

DEC 04 2024

PUBLIC SERVICE
COMMISSION

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

Dear Executive Director:

Enclosed is Big Rivers' Form B in support of the FAC filing for the month ending October 31, 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

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: October 31, 2024

	<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	0.00	0.00	0.0000 ¢	0.00	\$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			0.0000 ¢		\$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)	0.00	0.00	0.0000 ¢	0.00	\$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	-	-	0.0000	-	\$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	\$30,314,019.33	14,006,555.88	216.4274 ¢	614,528.02	\$49.3289
Purchases (1)	3,855,547.09	1,892,463.48	203.7317 ¢	78,840.04	\$48.9034
Sub-total	34,169,566.42	15,899,019.36	214.9162 ¢	693,368.06	\$49.2806
Less Fuel Burned	5,358,048.14	2,493,087.26	214.9162 ¢	108,725.39	\$49.2806
Physical Inventory Adjustment	-	-	0.0000	-	\$0.0000
Ending Inventory	\$28,811,518.28	13,405,932.10	214.9162 ¢	584,642.67	\$49.2806
	<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)	576,894.00	287,751.05	200.4837 ¢	12,485.14	\$46.2065
Total Combined Inventory	\$29,388,412.28	13,693,683.15	214.6129 ¢	597,127.81	\$49.2163

Footnotes:

(1) There was no repair invoices, 5 Altel invoices (May 2024-Septmeber 2024) that were credited back to Wilson in October 2024. Freight charges are allocated on tons unloaded during the current month to the stations. The freight cost for October 2024 for Wilson Station was \$1.736637885 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 October 2024 was 12,485.14 tons for Wilson Station.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: October 31, 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: October 31, 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 October 2024.
- (2) Transfer out of fuel oil from Reid Combustion Turbine to Wilson Station October 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: October 31, 2024

Fuel No. 2 Fuel Oil

Green

	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	233,753.19	\$555,800.87	237.7725	¢
Transfer In (2)	0.00	0.00	0.0000	¢
Adjustments (3)	0.00	0.00	0.0000	¢
Purchases	79,195.00	189,687.06	239.5190	¢
Sub-Total	312,948.19	745,487.93	238.2145	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	49,551.30	118,038.38	238.2145	¢
Ending Inventory	263,396.89	627,449.55	238.2145	¢

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	263,396.89	\$627,449.55	238.2145	¢

Footnotes:

- (1) There was no transfer of fuel oil from Reid Combustion Turbine fuel oil tank to Wilson Station October 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 October 2024.
- (3) True-up of Book to Physical Measurement for October 2024.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid Combustion Turbine

Month Ended: October 31, 2024

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	<u>0.00</u>	<u>0.00</u>	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	<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)	539,655.00	1,475,848.29	2.7348	MMBtu
Purchase Adjustment (4)	0.00	0.00	0.0000	MMBtu
Sub-total	<u>539,655.00</u>	<u>1,475,848.29</u>	2.7348	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)	539,655.00	1,475,848.29	2.7348	MMBtu
Ending Inventory	<u>0.00</u>	<u>\$0.00</u>	0.0000	MMBtu

Footnotes:

- (1) BREC purchased and used 0 MMBtu for the Reid CT in October 2024.
- (2) There was no purchase adjustments for the Reid CT in October 2024.
- (3) BREC purchased 539,655 MMBtu for Green Unit 1 & 2 in October 2024.
- (4) There was no purchase adjustments for Green Unit 1 & 2 in October 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	Unscheduled Outages < 6 Hours:		Non-Displacement	0	\$0	\$0	\$0	\$0
	MISO	Available for system		Non-Displacement	91,192,456	\$0	\$2,457,489	\$1,092,370	\$3,549,859
	KY National Guard	Available for system		Non-Displacement	3,600	\$0	\$0	\$87	\$87
	Southern Star	Available for system		Non-Displacement	73,030	\$0	\$0	\$1,827	\$1,827
	Unbridled	Available for system		Non-Displacement	2,379,005	\$0	\$0	\$67,980	\$67,980
	SEPA	Available for system		Non-Displacement	15,110,000	\$638,952	\$0	\$0	\$638,952
SUB-TOTAL(1)		Net Energy Cost - Economy Purchases			108,758,091	\$638,952	\$2,457,489	\$1,162,264	\$4,258,705
	MISO	Scheduled Outages:		Non-Displacement	15,958,352	\$0	\$430,052	(\$9,242)	\$420,810
Footnote 1	MISO	Domtar Purchases		Non-Displacement	879,646	\$0	\$23,705	\$3,861	\$27,566
	MISO-Paducah	Blockware		Non-Displacement	14,418,680	\$0	\$388,560	\$50,195	\$438,755
	MISO	Intersystem Sale		Non-Displacement	21,368,000	\$0	\$575,833	\$85,878	\$661,711
	MISO	Cover Load & Lack of Generation		Non-Displacement	17,330,789	\$0	\$467,037	\$514,094	\$981,131
	Various	Capacity Purchases		Non-Displacement	0	\$206,250	\$0	\$0	\$206,250
SUB-Total(2)		Identifiable fuel cost (Total Other Purchases)			69,955,467	\$206,250	\$1,885,187	\$644,786	\$2,736,223
	MISO	Purchases for Forced Outages (> 6 hrs.):		Non-Displacement	42,420,870	\$0	\$1,143,174	(\$23,638)	\$1,119,536
SUB-TOTAL(3)		Identifiable fuel cost (substitute for Forced Outage)			42,420,870	\$0	\$1,143,174	(\$23,638)	\$1,119,536
					221,134,428	\$845,202	\$5,485,850	\$1,783,412	\$8,114,464
LESS: PURCHASED FOR SUPPLEMENTAL OR BACKUP SALES					0	\$0	\$0	\$0	\$0.00
TOTAL(4)		Total Purchased Power			221,134,428	\$845,202	\$5,485,850	\$1,783,412	\$8,114,464
Sales									
		Purchased Power:							
Footnote 2	DTE/EDF/NextEra/Morgan Stanle Indiana Hub(BTB)	\$26.948(System Average)		MISO (BTB)	21,368,000		\$575,833	\$186,158	\$761,991
SUB-TOTAL(1)					21,368,000	\$0	\$575,833	\$186,158	\$761,991
		Generation:							
Footnote 2	MISO:	BREC	\$26.948(System Average)	Coal-Petcoke Fired	149,771,565	\$0	\$4,036,102	\$3,142,795	\$7,178,896
Footnote 2	HMP&L	BREC	\$26.948(System Average)	Coal-Petcoke Fired	0	\$0	\$0	\$488	\$488
SUB-TOTAL(2)					149,771,565	\$0	\$4,036,102	\$3,143,283	\$7,179,385
LOSSES ACROSS OTHER SYSTEMS(NOT BILLED) (Footnote 3)					11,423,211	\$0	\$0	\$0	\$0
TOTAL(3)					182,562,776	\$0	\$4,611,935	\$3,329,440	\$7,941,375
	Interchange In				436,297,496	\$0	\$0	\$0	\$0
	Interchange Out				433,357,550	\$0	\$0	\$0	\$0
	Net Interchange				2,939,946	\$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 \$26.948 mills. There was a true-up of total energy dollars of (\$16,025.48) in October 2024 from the S55 August 2024 resettlement. There was no impact to volume from the true-up made in October 2024 for August 2024 S55 resettlement. HMP&L was also invoiced \$488.13 for Auxiliary Power for October 2024.

Footnote 3: The calculated line losses for October 2024 activity was 11,423,211.

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
October 31, 2024

Form B

DATE	HE	MWh	PRICE	TOTAL Cost		Executio n		Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
10/1-10/31		879.646	\$ 31.337	\$ 27,565.86				Domtar	Back-Up Power	\$ 40.529	\$ -	\$ -
		879.646		\$ 27,565.86					Back-Up Power Total			\$ -
10/1-10/31		0.000	\$ -	\$ -				SIPC	Cong/Loss Rebates	\$ 40.529	\$ -	\$ -
10/1-10/31		0.000	\$ -	\$ -				AECI	Cong/Loss Rebates	\$ 40.529	\$ -	\$ -
		0.000		\$ -					Cong/Loss Rebates Total			\$ -
10/1-10/31		0.000	\$ -	\$ -				SIPC	DA RSG	\$ 40.529	\$ -	\$ -
10/1-10/31		0.000	\$ -	\$ -				AECI	DA RSG	\$ 40.529	\$ -	\$ -
		0.000		\$ -					DA RSG Total			\$ -
10/1-10/31		0.000	\$ -	\$ -				AECI	DA/RT Settle Adj	\$ 40.529	\$ -	\$ -
		0.000		\$ -					DA/RT Settle Adj Total			\$ -
10/1	HE 1,4,22-23	165.600	\$ 34.324	\$ 5,684.04	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/1	HE 3,6-8,10-12,17-18,20-23	1,038.304	\$ 27.569	\$ 28,624.88	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/2	HE 1-5,9-17,21-24	3,243.500	\$ 31.598	\$ 102,488.62	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/2	HE 5,9-11,15-16,20-24	415.832	\$ 24.560	\$ 10,212.99	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/3	HE 1-15,22-24	3,269.700	\$ 30.088	\$ 98,379.62	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/3	HE 1-12,14-17,19-20,23-24	2,470.710	\$ 26.578	\$ 65,666.43	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/4	HE 1-6,8-15,20-24	2,964.000	\$ 32.844	\$ 97,349.54	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/4	HE 1-6,8-24	2,381.159	\$ 31.052	\$ 73,940.09	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/5	HE 1-15,21-24	2,595.000	\$ 32.105	\$ 83,312.44	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/5	HE 8,10-20,23	566.823	\$ 26.005	\$ 14,740.14	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/6	HE 1-16,21-24	4,245.800	\$ 25.877	\$ 109,866.71	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/6	HE 10-15	343.406	\$ 30.971	\$ 10,635.47	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/7	HE 1-5,8-11	727.000	\$ 32.305	\$ 23,485.96	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/7	HE 3-4,10-18,21	662.544	\$ 25.090	\$ 16,622.93	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/8	HE 1,10,13,15	123.000	\$ 35.385	\$ 4,352.32	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/8	HE 6-24	2,895.993	\$ 25.782	\$ 74,664.08	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/9	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/9	HE 2-6,8-24	2,584.244	\$ 28.048	\$ 72,482.75	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/10	HE 2-4,10,12-15	466.100	\$ 29.338	\$ 13,674.41	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/10	HE 1-2,7,10,12-14,16-17,19-22	1,406.614	\$ 29.236	\$ 41,123.42	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/11	HE 11-13	202.000	\$ 27.962	\$ 5,648.26	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/11	HE 2-10,14-24	2,805.492	\$ 24.096	\$ 67,601.90	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/12	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/12	HE 1-2,12-19, 21-23	1,908.388	\$ 25.805	\$ 49,245.73	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/13	HE 4,11-16,21-23	982.000	\$ 32.490	\$ 31,905.12	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/13	HE 2-18,24	1,157.688	\$ 19.089	\$ 22,098.95	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/14	HE 1-4	242.200	\$ 22.839	\$ 5,531.69	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/14	HE 1,5-18,20-23	2,058.913	\$ 28.603	\$ 58,891.10	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/15	HE 1-2,5-6,8-17,20-24	3,446.000	\$ 28.967	\$ 99,819.12	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/15	HE 3-5,15,20,24	82.681	\$ 29.127	\$ 2,408.22	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/16	HE 1-5,9-18,20-21	2,412.000	\$ 32.027	\$ 77,250.21	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/16	HE 4-5,11-13,15-17,20	179.920	\$ 24.440	\$ 4,397.27	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/17	HE 1-4,10-13,15-16,21-24	1,607.000	\$ 38.040	\$ 61,130.63	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/17	HE 9-18,24	711.358	\$ 17.718	\$ 12,603.73	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/18	HE 1,4-5,9-17,20-24	2,833.000	\$ 29.805	\$ 84,437.88	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/18	HE 1-6,10-24	974.175	\$ 20.109	\$ 19,589.87	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/19	HE 1-17,20-24	3,095.600	\$ 25.274	\$ 78,238.76	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/19	HE 1-3,6,9-10,12-24	1,058.539	\$ 20.055	\$ 21,229.14	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/20	HE 1-17,20-24	3,735.500	\$ 20.768	\$ 77,577.52	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/20	HE 1-2,16-17,20, 22	142.311	\$ 18.461	\$ 2,627.26	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/21	HE 1-5,8-17,19-24	3,074.700	\$ 22.801	\$ 70,105.66	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/21	HE 6,8-11	296.103	\$ 23.042	\$ 6,822.72	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/22	HE 1-4,6,8-16,20-24	2,130.400	\$ 28.163	\$ 59,999.38	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/22	HE 5,7,9-10, 21-23	285.744	\$ 19.474	\$ 5,564.52	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/23	HE 1-4,6,8-16	1,257.300	\$ 25.363	\$ 31,889.20	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -
10/23	HE 2,5-8,15-18,22-24	543.249	\$ 21.746	\$ 11,813.51	Buy	Power	Real Time	MISO	Economic	\$ 40.529	\$ -	\$ -
10/24	HE 9-15	637.000	\$ 28.064	\$ 17,876.97	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	\$ -	\$ -

**BIG RIVERS ELECTRIC CORPORATION
PURCHASES
October 31, 2024**

Form B

DATE	HE	MWh	PRICE	TOTAL Cost		Executio n		Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
10/24	HE 4-9,11-17,19,21-24	373.728	\$ 13.110	\$ 4,899.50	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/25	HE 13-16	182.800	\$ 31.919	\$ 5,834.71	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/25	HE 1-6,8-24	451.932	\$ 24.474	\$ 11,060.52	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/26	HE 1-17,20-24	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/26	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/27	HE 1-17,20-24	276.000	\$ 27.974	\$ 7,720.84	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/27	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/28	HE 1-5,8-17,20-24	850.000	\$ 28.064	\$ 23,854.15	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/28	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/29	HE 1-17,20-24	2,019.000	\$ 26.884	\$ 54,278.23	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/29	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/30	HE 1-17,20-24	11,788.000	\$ 27.639	\$ 325,812.12	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/30	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/31	HE 1-18,20-24	4,149.700	\$ 26.940	\$ 111,794.60	Buy	Power	Day Ahead	MISO	Economic	\$ 40.529	- \$	-
10/31	HE 2,6-8,17-23	676.706	\$ 22.662	\$ 15,335.54	Buy	Power	Real Time	MISO	Economic	\$ 40.529	- \$	-
10/1-10/31		27,800.000	\$ 45.235	\$ 1,257,540.00	Buy	Hedge		AEP Energy Partners, Inc	Economic	\$ 40.529	4,706 \$	130,832.62
10/1-10/31		74,400.000	\$ 39.400	\$ 2,931,360.00	Buy	Hedge		Nextera Energy Power Marketing,L	Economic	\$ 40.529	- \$	-
10/1-10/31		-102,200.000	\$ 29.726	\$ (3,037,996.00)	Buy	Hedge		MISO Energy (Indiana Hub or BREC.BREC) Fi	Economic	\$ 40.529	- \$	-
10/1-10/31		0.000	\$ -	\$ (95,301.23)	Buy	Hedge		MISO Energy (Indiana Hub &LGEE) Back to	Economic	\$ 40.529	- \$	-
10/1-10/31		91,192.456	\$ -	\$ 3,549,804.14					Economic Total			130,832.62 (1)
10/1-10/31		0.000	\$ -	\$ -				AECI	MISO Energy Charges - AECI	\$ 40.529	- \$	-
10/1-10/31		0.000	\$ -	\$ -					MISO Energy Charges - AECI Total			-
10/1-10/31		14,418.680	\$ 30.430	\$ 438,754.78				PADUCAH1	MISO Energy Charges - PADUCAH1	\$ 40.529	- \$	-
10/1-10/31		14,418.680	\$ -	\$ 438,754.78					MISO Energy Charges - PADUCAH1 Total			-
10/1-10/31		1.000	\$ 34.540	\$ 34.54				SIPC	MISO Energy Charges - SIPC	\$ 40.529	- \$	-
10/1-10/31		1.000	\$ -	\$ 34.54					MISO Energy Charges - SIPC Total			- (1)
10/24	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/24	HE 11-24	5,670.000	\$ 26.354	\$ 149,425.25	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/25	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/25	HE 1-24	10,008.000	\$ 26.524	\$ 265,452.40	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/26	HE 1-24	10,008.000	\$ 27.112	\$ 271,341.61	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/26	HE 2,9-12,14-18	39.603	\$ 21.287	\$ 843.04	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/27	HE 1-24	10,008.000	\$ 24.944	\$ 249,639.98	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/27	HE 5,9-12,15-19,22,24	235.522	\$ 24.824	\$ 5,846.68	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/28	HE 1-24	10,008.000	\$ 27.410	\$ 274,322.77	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/28	HE 1-6,12-16,19-24	656.042	\$ 27.770	\$ 18,218.19	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/29	HE 1-24	10,008.000	\$ 26.479	\$ 265,005.50	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/29	HE 1-2,4-7,9-23	904.055	\$ 21.518	\$ 19,453.80	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/30	HE 1-2	834.000	\$ 24.936	\$ 20,796.52	Buy	Power	Day Ahead	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/30	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	Outage W1-24-13	\$ 40.529	- \$	-
10/1-10/31		58,379.222	\$ -	\$ 1,540,345.74					Outage W1-24-13 Total (U01)&(U04)			- (1)
10/1-10/31		0.000	\$ -	\$ 55.01				PJM	PJM Fees (Transmission Only)	\$ 40.529	- \$	-
10/1-10/31		0.000	\$ -	\$ 55.01					PJM Fees (Transmission Only) Total			-
10/1-10/31		21,367.000	\$ 30.967	\$ 661,676.93				SIPC/AECI	SIPC/AECI GFA Transactions	\$ 40.529	- \$	-
10/1-10/31		21,367.000	\$ -	\$ 661,676.93					SIPC/AECI GFA Transactions Total			- (1)
10/1	HE 10-15,21,24	367.300	\$ 53.343	\$ 19,592.80	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	12.814 \$	4,706.48
10/1	HE 9,13-15	260.186	\$ 47.565	\$ 12,375.76	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	7.036 \$	1,830.67
10/2	HE 6-8,18-20	739.000	\$ 56.032	\$ 41,407.84	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	15.503 \$	11,456.88
10/2	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	- \$	-
10/3	HE 16-21	903.000	\$ 50.257	\$ 45,382.34	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	9.728 \$	8,784.61
10/3	HE 13,18,21-22	794.641	\$ 116.160	\$ 92,305.55	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	75.631 \$	60,099.51
10/4	HE 7,16-19	800.000	\$ 53.034	\$ 42,427.18	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	12.505 \$	10,003.95
10/4	HE 7	120.783	\$ 51.773	\$ 6,253.24	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	11.243 \$	1,358.02
10/5	HE 16-20	977.000	\$ 49.493	\$ 48,354.94	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	8.964 \$	8,758.07
10/5	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	- \$	-
10/6	HE 17-20	991.000	\$ 63.121	\$ 62,552.67	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	22.592 \$	22,388.39
10/6	HE 16,18	54.647	\$ 46.685	\$ 2,551.17	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	6.155 \$	336.38

**BIG RIVERS ELECTRIC CORPORATION
PURCHASES
October 31, 2024**

Form B

DATE	HE	MWh	PRICE	TOTAL Cost		Executio n		Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
10/7	HE 6-7,12,15	206.000	\$ 48.749	\$ 10,042.32	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 8.220	\$ 1,693.34
10/7	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/8	HE 12	6.500	\$ 49.998	\$ 324.99	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 9.469	\$ 61.55
10/8	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/9	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/9	HE 7	84.243	\$ 46.029	\$ 3,877.66	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 5.500	\$ 463.37
10/10	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/10	HE 11,18	317.065	\$ 45.457	\$ 14,412.72	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 4.928	\$ 1,562.38
10/11	HE 10	2.000	\$ 95.175	\$ 190.35	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 54.646	\$ 109.29
10/11	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/12	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/12	HE 20	236.011	\$ 48.356	\$ 11,412.45	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 7.827	\$ 1,847.15
10/13	HE 10,17-20	455.000	\$ 48.618	\$ 22,121.19	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 8.089	\$ 3,680.48
10/13	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/14	HE 24	9.000	\$ 42.682	\$ 384.14	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 2.153	\$ 19.38
10/14	HE 19	126.759	\$ 56.120	\$ 7,113.72	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 15.591	\$ 1,976.30
10/15	HE 3,7,18-19	310.000	\$ 56.711	\$ 17,580.42	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 16.182	\$ 5,016.42
10/15	HE 6	19.630	\$ 43.532	\$ 854.53	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 3.003	\$ 58.94
10/16	HE 6-8,18-22	1,072.000	\$ 59.597	\$ 63,888.39	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 19.068	\$ 20,441.26
10/16	HE 6,8,18,21	77.392	\$ 46.300	\$ 3,583.23	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 5.771	\$ 446.61
10/17	HE 5-9,14,17,20	626.000	\$ 61.650	\$ 38,592.64	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 21.121	\$ 13,221.46
10/17	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/18	HE 2-3,8,18-19	235.000	\$ 56.264	\$ 13,221.96	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 15.735	\$ 3,697.64
10/18	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/19	HE 18-19	173.000	\$ 49.485	\$ 8,560.86	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 8.956	\$ 1,549.34
10/19	HE 7	5.063	\$ 41.124	\$ 208.21	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 0.595	\$ 3.01
10/20	HE 18-19	134.000	\$ 50.910	\$ 6,821.96	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 10.381	\$ 1,391.07
10/20	HE 18	13.983	\$ 66.249	\$ 926.36	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 25.720	\$ 359.64
10/21	HE 6-7,18	209.000	\$ 53.066	\$ 11,090.83	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 12.537	\$ 2,620.26
10/21	HE 7	8.537	\$ 93.652	\$ 799.51	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 53.123	\$ 453.51
10/22	HE 7,17-19	323.000	\$ 55.582	\$ 17,952.97	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 15.053	\$ 4,862.09
10/22	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/23	HE 7	80.000	\$ 41.474	\$ 3,317.91	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 0.945	\$ 75.59
10/23	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/24	HE 16	7.000	\$ 73.017	\$ 511.12	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 32.488	\$ 227.42
10/24	HE 18,20	306.083	\$ 143.674	\$ 43,976.05	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 103.145	\$ 31,570.80
10/25	HE	0.000	\$ -	\$ -	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/25	HE 7	456.966	\$ 53.070	\$ 24,251.39	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 12.541	\$ 5,731.00
10/26	HE 18-19	345.000	\$ 48.912	\$ 16,874.70	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 8.383	\$ 2,892.18
10/26	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/27	HE 18-19	981.000	\$ 50.476	\$ 49,516.81	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 9.947	\$ 9,757.82
10/27	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/28	HE 6-7,18-19	2,028.000	\$ 49.110	\$ 99,595.28	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 8.581	\$ 17,402.38
10/28	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/29	HE 18-19	1,149.000	\$ 44.987	\$ 51,689.75	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 4.458	\$ 5,121.88
10/29	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/30	HE 18-19	1,207.000	\$ 49.003	\$ 59,146.95	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 8.474	\$ 10,228.40
10/30	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
10/31	HE 19	114.000	\$ 44.617	\$ 5,086.36	Buy	Power	Day Ahead	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ 4.088	\$ 466.05
10/31	HE	0.000	\$ -	\$ -	Buy	Power	Real Time	MISO	To Cover Load and Lack of Generation	\$ 40.529	\$ -	\$ -
		17,330.789		\$ 981,131.22					To Cover Load and Lack of Generation Total		\$	\$ 278,730.94 (4)
10/1-10/31		0.000	\$ -	\$ -				MISO		\$ 40.529	\$ -	\$ -
		203,568.793		\$ 7,199,368.22					Grand Total			\$ 409,563.56
	Plus: SEPA	15,110.000	\$ 42.287	\$ 638,951.79								
	Plus: KY National Guard	3.600	\$ 24.058	\$ 86.61								

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
	Plus: Southern Star	73.030	\$ 25.020	\$ 1,827.19						
	Plus: Unbridled	2,379.005	\$ 28.575	\$ 67,980.07						
	Plus: Capacity Purchases	-	\$ -	\$ 206,250.00						
	Total Purchased Power	221,134.428	119.940	8,114,463.880						

Recon to Nodal (S7):

Total MISO Purchased Power (Above):	203,568.793	\$ 7,199,368.220
Less: Purchases for Domtar Back-Up Power	879.646	\$ 27,565.860
Less: SIPC Charges	1.000	\$ 34.540
Less: SIPC GFA Transactions	21,367.000	\$ 661,676.930
Less: PJM Transactions	-	\$ 55.010
Less: AECI Charges	-	\$ -
Less: Purchased Power Hedges	-	\$ 1,055,602.770
Total MISO Purchases Above (Excl. SIPC & Domtar):	181,321.147	\$ 5,454,433.11
Total MISO Purchased Power per S7 Nodal Report:	166,902.467	\$ 5,015,678.33
Total MISO Purchased Power per S7 Nodal Report:	14,418.661	\$ 438,754.78

(A) Total Purchases over Highest Cost Unit	\$ 409,563.56
(1) Purchases above Highest Cost Unit for Forced Outages > 6 hours	\$ 130,832.62
(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)	\$ 278,730.94

**BIG RIVERS ELECTRIC CORPORATION
FUEL BURNED**

MONTH OF 10/31/24

	MONTH OF	TON/GAL/MCF	Cost	Gross KWH	TRUE NET KWH	Mills/KWH
Reid			\$ -	0	0	0.000
Coal		-	\$ -			
Oil		-	\$ -			
Gas Turbine			\$ -	0	0	0.000
Oil		-	\$ -			
Gas		-	\$ -			
Wilson			\$ 5,476,086.52	250,417,400	232,021,560	23.602
Coal	108,725.39		\$ 5,358,048.14			
PetCoke	-		\$ -			
Oil	49,551.30		\$ 118,038.38			
H1 (net of city take)			\$ -	0	(36,351)	0.000
Coal	-		\$ -			
Oil	-		\$ -			
H2 (net of city take)			\$ -	0	(36,352)	0.000
Coal	-		\$ -			
Oil	-		\$ -			
Station Two			\$ -	0	(72,703)	0.000
Coal	-		\$ -			
Oil	-		\$ -			
G1			\$ 792,042.49	22,358,335	20,501,882	38.633
Coal	-		\$ -			
PetCoke	-		\$ -			
Gas	271,453.00		\$ 792,042.49			
G2			\$ 683,805.80	20,835,344	16,871,995	40.529
Coal	-		\$ -			
PetCoke	-		\$ -			
Gas	235,657.00		\$ 683,805.80			
Green			\$ 1,475,848.29	43,193,679	37,373,877	39.489
Coal	0.00		\$ -			
PetCoke	-		\$ -			
Gas	507,110.00		\$ 1,475,848.29			
SYSTEM TOTAL			\$ 6,951,934.81	293,611,079	269,322,734	25.813
					11,423,211	
					257,899,523	26.956
					(72,703)	
					257,972,226	26.948
Coal			\$ 5,358,048.14			
Pet Coke			\$ -			
Oil			\$ 118,038.38			
Gas			\$ 1,475,848.29			
			<u>\$ 6,951,934.81</u>			

Reid Combustion Turbine
October 31, 2024

Form B

Date	1-Oct 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)
10/1/24	\$3.17	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 38.331
10/2/24	\$3.39	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 40.991
10/3/24	\$3.44	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 41.595
10/4/24	\$3.30	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 39.902
10/5/24	\$3.04	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 36.759
10/6/24	\$3.10	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 37.484
10/7/24	\$3.10	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 37.484
10/8/24	\$3.10	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 37.484
10/9/24	\$3.06	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 37.000
10/10/24	\$3.05	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 36.880
10/11/24	\$2.94	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 35.549
10/12/24	\$2.92	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 35.308
10/13/24	\$2.92	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 35.308
10/14/24	\$2.92	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 35.308
10/15/24	\$2.90	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 35.066
10/16/24	\$2.89	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 34.945
10/17/24	\$2.75	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 33.252
10/18/24	\$2.66	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 32.164
10/19/24	\$2.38	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 28.778
10/20/24	\$2.38	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 28.778
10/21/24	\$2.38	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 28.778
10/22/24	\$2.15	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 25.997
10/23/24	\$2.30	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 27.811
10/24/24	\$2.63	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 31.801
10/25/24	\$2.67	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 32.285
10/26/24	\$2.61	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 31.559
10/27/24	\$2.61	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 31.559
10/28/24	\$2.61	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 31.559
10/29/24	\$2.64	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 31.922
10/30/24	\$2.54	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 30.713
10/31/24	\$2.51	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 30.350
Average	\$2.90	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 35.090

September Average \$ 35.090 \$/MwH
September Lowest Gas Price \$ 25.997 \$/MwH

The Reid Combustion Turbine (CT) was not available for service during October 2024.

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF COAL PURCHASED FOR FUEL CLAUSE BACKUP
October 31, 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	24,647.83	11,489	566,375.99	46.1561	200.8644	1.7366	7.5576	47.8927	208.4220	2.94	9.19	11.86
American Consolidated Natural Resources - 1109	P	22-001	T	U	WKY	34,716.20	12,743	884,772.81	51.3555	201.5057	0.0000	0.0000	51.3555	201.5057	2.01	8.66	6.63
Total Contract						59,364.03	12,222	1,451,148.80	49.1967	201.2554	0.7210	2.9497	49.9178	204.2051	2.40	8.88	8.80
SPOT CONTRACT																	
Foresight Coal - 1111	P	24-001	B	U	IL	19,476.01	11,330	441,314.68	45.8116	202.1748	0.0000	0.0000	45.8116	202.1748	3.01	8.74	12.89
Total Spot						19,476.01	11,330	441,314.68	45.8116	202.1748	0.0000	0.0000	45.8116	202.1748	3.01	8.74	12.89
TOTAL WILSON STATION						78,840.04	12,002	1,892,463.48	48.3605	201.4698	0.5429	2.2618	48.9034	203.7317	2.55	8.85	9.81
TOTAL BIG RIVERS SYSTEM						78,840.04	12,002	1,892,463.48	48.3605	201.4698	0.5429	2.2618	48.9034	203.7317	2.55	8.85	9.81

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF PET COKE PURCHASED FOR FUEL CLAUSE BACKUP
October 31, 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																
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
October 31, 2024**

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 - Heritage Petroleum, LLC	D	P.O. 277212	T	Wilson	79,195.00	138,000	\$ 189,687.06	0.0174	N/A
					<u>79,195.00</u>		<u>\$ 189,687.06</u>		
<u>Oil - Coal Handling</u>									
					<u>-</u>	138,000	<u>\$ -</u>	0.0000	N/A
<u>Natural Gas</u>									
CIMA Energy (3)	P	BRE-14-G07	P	Green	-	1,000,000	\$ -	0.0000	N/A
ECO-Energy (3)	P	BRE-22-G07	P	Green	22,147.00	1,000,000	\$ 50,177.21	0.0023	N/A
Twin Eagle Resource Mangement, LLC (3)	P	BRE-24-G02	P	Green	329,361.00	1,000,000	\$ 769,151.60	0.0023	N/A
Tenaska Marketing Ventures (3)	P	BRE-11-G06	P	Green	204,788.00	1,000,000	\$ 481,655.29	0.0024	N/A
NRG Business Marketing LLC (3)	P	BRE-22-G08	P	Green	-	1,000,000	\$ -	0.0000	N/A
Texas Gas Transmission (3)	P	BRE 10-G01	P	Green	-	1,000,000	\$ 174,864.19	0.0000	N/A
Fuel Qtv and Pipe Imbalance (2)	P			Green	(16,641.00)	1,000,000	\$ -	0.0000	N/A
					<u>539,655.00</u>	1,000,000	<u>\$ 1,475,848.29</u>	0.0027	N/A

Footnotes:

- (1) BREC purchased and used 0 MMBtu for the Reid CT in October 2024.
- (2) Gas quantity cuts from scheduled gas and +/- pipe imbalance beg/end of month.
- (3) BREC purchased 539,655 MMBtu for Green Unit 1 & 2 in October 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: October 31, 2024

Line No.	Item Description	Reid 1 (1) <u>Unit # 1</u>	(Oil & Gas) Reid CT (2) <u>Unit #2</u>	Total <u>Station</u>
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	744.0	744.0	1,488.0
	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.

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: HMP&L Station Two

For the Month of: October 31, 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)	(36)	(36)	(73)
	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	744.0	744.0	1,488.0
	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: October 31, 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)	84	82	166
	c. Net Demonstrated Capability (MW)	231	223	454
	d. Net Capability Factor(L1b/L1c) (%)	36.4%	36.8%	36.6%
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	0	0	0
	b. Gross Generation (MWH)	22,358	20,835	43,194
	c. Net Generation (MWH)	20,502	16,872	37,374
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	0	0
3.	Operation Availability:			
	a. Hours Unit Operated	245.1	204.7	449.8
	b. Hours Available	744.0	744.0	1,488.0
	c. Hours During the Period	744.0	744.0	1,488.0
	d. Availability Factor(L3b/L3c) (%)	100.0%	100.0%	100.0%
4.	Cost Per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0354	0.0328	0.0342
	b. Net Generation - FAC Basis (cents/KWH)	0.0386	0.0405	0.0395
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: October 31, 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)	382	382
	c. Net Demonstrated Capability (MW)	417	417
	d. Net Capability Factor(L1b/L1c) (%)	91.6%	91.6%
2.	Heat Rate:		
	a. BTU Consumed (MMBTU)	2,493,087	2,493,087
	b. Gross Generation (MWH)	250,417	250,417
	c. Net Generation (MWH)	232,022	232,022
	d. Heat Rate(L2a/L2c) (BTU/KWH)	10,745	10,745
3.	Operation Availability:		
	a. Hours Unit Operated	607.5	607.5
	b. Hours Available	607.5	607.5
	c. Hours During the Period	744.0	744.0
	d. Availability Factor(L3b/L3c) (%)	81.7%	81.7%
4.	Cost Per KWH:		
	a. Gross Generation - FAC Basis (cents/KWH)	0.0219	0.0219
	b. Net Generation - FAC Basis (cents/KWH)	0.0236	0.0236
5.	Inventory Analysis:		
	a. Number of Days Supply based on actual burn at the station (1)	129	129

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.