



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

October 07, 2024

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

RECEIVED

OCT 02 2024

PUBLIC SERVICE
COMMISSION

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

Dear Executive Director:

Enclosed is Big Rivers' Form B in support of the FAC filing for the month ending August 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: August 31, 2024

| | <u>Fuel</u> | | <u>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 | \$34,501,256.60 | 16,393,200.65 | 210.4608 ¢ | 703,990.55 | \$49.0081 |
| Purchases (1) | <u>3,467,739.25</u> | <u>1,623,452.19</u> | 213.6028 ¢ | <u>68,449.15</u> | \$50.6615 |
| Sub-total | 37,968,995.85 | 18,016,652.84 | 210.7439 ¢ | 772,439.70 | \$49.1546 |
| Less Fuel Burned | 5,753,647.03 | 2,730,160.72 | 210.7439 ¢ | 117,051.96 | \$49.1546 |
| Physical Inventory Adjustment | <u>-</u> | <u>-</u> | 0.0000 | <u>-</u> | \$0.0000 |
| Ending Inventory | \$32,215,348.82 | 15,286,492.12 | 210.7439 ¢ | 655,387.74 | \$49.1546 |
| | <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>292,107.48</u> | <u>142,558.77</u> | 204.9032 ¢ | <u>6,188.12</u> | \$47.2046 |
| Total Combined Inventory | <u>\$32,507,456.30</u> | <u>15,429,050.89</u> | 210.6899 ¢ | <u>661,575.86</u> | \$49.1364 |

Footnotes:

(1) There was no repair invoices in August 2024. Freight charges are allocated on tons unloaded during the current month to the stations. The freight cost for August 2024 for Wilson Station was \$5.370365420 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 August 2024 was 6,188.12 tons for Wilson Station.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: August 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: August 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 August 2024.
- (2) Transfer out of fuel oil from Reid Combustion Turbine to Wilson Station August 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: August 31, 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 | 166,474.76 | \$416,691.69 | 250.3032 | ¢ |
| Transfer In (2) | 0.00 | 0.00 | 0.0000 | ¢ |
| Adjustments (3) | 0.00 | 0.00 | 0.0000 | ¢ |
| Purchases | 118,402.00 | 278,450.74 | 235.1740 | ¢ |
| Sub-Total | 284,876.76 | 695,142.43 | 244.0151 | ¢ |
| Less Fuel Burned-Jurisdictional Non-Jurisdictional | 39,350.62 | 96,021.47 | 244.0151 | ¢ |
| Ending Inventory | 245,526.14 | 599,120.96 | 244.0151 | ¢ |

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 | 245,526.14 | \$599,120.96 | 244.0151 | ¢ |

Footnotes:

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

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid Combustion Turbine

Month Ended: August 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) | 119,232.00 | 280,692.62 | 2.3542 | MMBtu |
| Purchase Adjustment (2) | 0.00 | 0.00 | 0.0000 | MMBtu |
| Sub-total | <u>119,232.00</u> | <u>280,692.62</u> | 2.3542 | 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) | 119,232.00 | 280,692.62 | 2.3542 | 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) | 1,048,818.00 | 2,469,093.73 | 2.3542 | MMBtu |
| Purchase Adjustment (4) | 0.00 | 0.00 | 0.0000 | MMBtu |
| Sub-total | <u>1,048,818.00</u> | <u>2,469,093.73</u> | 2.3542 | 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) | 1,048,818.00 | 2,469,093.73 | 2.3542 | MMBtu |
| Ending Inventory | <u>0.00</u> | <u>\$0.00</u> | 0.0000 | MMBtu |

Footnotes:

- (1) BREC purchased and used 119,232 MMBtu for the Reid CT in August 2024.
- (2) There was no purchase adjustments for the Reid CT in August 2024.
- (3) BREC purchased 1,048,818 MMBtu for Green Unit 1 & 2 in August 2024.
- (4) There was no purchase adjustments for Green Unit 1 & 2 in August 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 | 141,492,653 | \$0 | \$3,650,198 | \$2,839,390 | \$6,489,589 |
| | KY National Guard | Available for system | | Non-Displacement | 2,162 | \$0 | \$0 | \$62 | \$62 |
| | Southern Star | Available for system | | Non-Displacement | 79,213 | \$0 | \$0 | \$2,982 | \$2,982 |
| | SEPA | Available for system | | Non-Displacement | 23,097,000 | \$655,545 | \$0 | \$0 | \$655,546 |
| SUB-TOTAL(1) | Net Energy Cost - Economy Purchases | | | | 164,671,028 | \$655,545 | \$3,650,198 | \$2,842,434 | \$7,148,177 |
| Footnote 1 | MISO | Domtar Purchases | | Non-Displacement | 6,069,482 | \$0 | \$156,579 | \$14,196 | \$170,776 |
| | MISO-Paducah | Blockware | | Non-Displacement | 14,943,003 | \$0 | \$385,497 | \$6,245 | \$391,741 |
| | MISO | Intersystem Sale | | Non-Displacement | 0 | \$0 | \$0 | (\$103,103) | (\$103,103) |
| | MISO | Cover Load & Lack of Generation | | Non-Displacement | 16,216 | \$0 | \$418 | \$4,465 | \$4,883 |
| | Various | Capacity Purchases | | Non-Displacement | 0 | \$206,250 | \$0 | \$0 | \$206,250 |
| SUB-Total(2) | Identifiable fuel cost (Total Other Purchases) | | | | 21,028,701 | \$206,250 | \$542,494 | (\$78,197) | \$670,547 |
| | MISO | Purchases for Forced Outages (> 6 hrs.): | | Non-Displacement | 17,164,117 | \$0 | \$442,796 | \$217,622 | \$660,419 |
| SUB-TOTAL(3) | Identifiable fuel cost (substitute for Forced Outage) | | | | 17,164,117 | \$0 | \$442,796 | \$217,622 | \$660,419 |
| | | | | | 202,863,846 | \$861,795 | \$4,635,489 | \$2,981,859 | \$8,479,143 |
| LESS: PURCHASED FOR SUPPLEMENTAL OR BACKUP SALES | | | | | 0 | \$0 | \$0 | \$0 | \$0.00 |
| TOTAL(4) | Total Purchased Power | | | | 202,863,846 | \$861,795 | \$4,635,489 | \$2,981,859 | \$8,479,143 |
| Sales | Purchased Power: | | | | 0 | \$0 | \$0 | \$0 | \$0 |
| Footnote 2 | Generation: | | | | | | | | |
| | MISO: | BREC | \$25.798(System Average) | Coal-Petcoke Fired | 160,885,987 | \$0 | \$4,150,503 | \$3,907,800 | \$8,058,304 |
| | HMP&L | BREC | \$25.798(System Average) | Coal-Petcoke Fired | 0 | \$0 | \$0 | \$449 | \$449 |
| SUB-TOTAL(2) | | | | | 160,885,987 | \$0 | \$4,150,503 | \$3,908,249 | \$8,058,752 |
| LOSSES ACROSS OTHER SYSTEMS(NOT BILLED) (Footnote 3) | | | | | 12,041,105 | \$0 | \$0 | \$0 | \$0 |
| TOTAL(3) | | | | | 172,927,092 | \$0 | \$4,150,503 | \$3,908,249 | \$8,058,752 |
| | Interchange In | | | | 495,777,047 | \$0 | \$0 | \$0 | \$0 |
| | Interchange Out | | | | 487,805,183 | \$0 | \$0 | \$0 | \$0 |
| | Net Interchange | | | | 7,971,864 | \$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 \$25.798 mills. There was a true-up of total energy dollars of (\$33,253.07) in August 2024 from the S55 June 2024 resettlement. There was no impact to volume from the true-up made in August 2024 for June 2024 S55 resettlement. HMP&L was also invoiced \$448.51 for Auxiliary Power for August 2024.

Footnote 3: The calculated line losses for August 2024 activity was 12,041,105.

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
August 31, 2024**

Form B

| DATE | HE | MWh | PRICE | TOTAL Cost | | Executi on | | Counterparty | REASON FOR PURCHASE | Highest Cost Unit (b) | MWh Cost Over Highest Cost Unit | Total Cost Over Highest Cost Unit |
|----------|-------------------------|-----------|-----------|---------------|-----|---------------|-----------|--------------|--------------------------------|--------------------------|------------------------------------|--------------------------------------|
| 8/1-8/31 | | 6,069.482 | \$ 28.137 | \$ 170,775.64 | | | | Domtar | Back-Up Power | \$ 149.851 | \$ - | \$ - |
| | | 6,069.482 | | \$ 170,775.64 | | | | | Back-Up Power Total | | | \$ - |
| 8/1-8/31 | | - | \$ - | \$ - | | | | SIPC | Cong/Loss Rebates | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | - | \$ - | \$ - | | | | AECI | Cong/Loss Rebates | \$ 149.851 | \$ - | \$ - |
| | | - | \$ - | \$ - | | | | | Cong/Loss Rebates Total | | | \$ - |
| 8/1-8/31 | | - | \$ - | \$ - | | | | SIPC | DA RSG | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | - | \$ - | \$ - | | | | AECI | DA RSG | \$ 149.851 | \$ - | \$ - |
| | | - | \$ - | \$ - | | | | | DA RSG Total | | | \$ - |
| 8/1-8/31 | | - | \$ - | \$ - | | | | AECI | DA/RT Settle Adj | \$ 149.851 | \$ - | \$ - |
| | | - | \$ - | \$ - | | | | | DA/RT Settle Adj Total | | | \$ - |
| 8/1 | HE 1-24 | 2,331.000 | \$ 56.741 | \$ 132,263.62 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1 | HE 1-11 | 613.969 | \$ 24.061 | \$ 14,772.46 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/2 | HE 7-9-14,17-22,24 | 289.000 | \$ 23.448 | \$ 6,776.36 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/2 | HE 7-9-14,17-22,24 | 763.539 | \$ 32.471 | \$ 24,792.97 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/3 | HE 2-5,8-10 | 220.200 | \$ 23.794 | \$ 5,239.43 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/3 | HE 6-16,18-24 | 1,726.719 | \$ 27.727 | \$ 47,877.09 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/4 | HE 1-11 | 707.500 | \$ 21.181 | \$ 14,985.41 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/4 | HE 1-7,9-16,22-24 | 1,386.963 | \$ 38.555 | \$ 53,474.86 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/5 | HE 1-5,8,22 | 337.300 | \$ 22.239 | \$ 7,501.05 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/5 | HE 6-24 | 2,960.534 | \$ 31.723 | \$ 93,916.91 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/6 | HE 1-14,20-22,24 | 1,558.100 | \$ 26.047 | \$ 40,583.08 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/6 | HE 1,6-17,20-24 | 2,032.663 | \$ 26.508 | \$ 53,881.99 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/7 | HE 1-24 | 7,108.600 | \$ 26.613 | \$ 189,179.84 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/7 | HE 3-4,18-19,21 | 135.321 | \$ 22.515 | \$ 3,046.81 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/8 | HE 1-24 | 5,010.700 | \$ 33.068 | \$ 165,695.05 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/8 | HE 1,3-15,17-19 | 516.365 | \$ 25.287 | \$ 13,057.53 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/9 | HE 1-24 | 5,663.700 | \$ 24.411 | \$ 138,257.09 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/9 | HE 6,8-18,23 | 625.981 | \$ 30.257 | \$ 18,940.14 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/10 | HE 1-24 | 3,672.300 | \$ 22.785 | \$ 83,673.36 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/10 | HE 16-7,9-18,23 | 421.227 | \$ 19.162 | \$ 8,071.50 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/11 | HE 1-24 | 4,034.800 | \$ 22.713 | \$ 91,641.71 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/11 | HE 10-19,21 | 359.024 | \$ 22.480 | \$ 8,070.82 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/12 | HE 1-24 | 3,409.900 | \$ 32.279 | \$ 110,069.85 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/12 | HE 5-22,24 | 516.635 | \$ 28.767 | \$ 14,862.26 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/13 | HE 1-24 | 3,809.400 | \$ 35.291 | \$ 134,438.51 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/13 | HE 1-2,3-10,12-17,21-24 | 323.721 | \$ 30.214 | \$ 9,780.95 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/14 | HE 1-24 | 4,398.800 | \$ 37.167 | \$ 163,491.70 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/14 | HE 5-20,24 | 629.678 | \$ 32.210 | \$ 20,281.86 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/15 | HE 1-24 | 5,457.400 | \$ 36.933 | \$ 201,556.44 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/15 | HE 1,6-7 | 153.172 | \$ 25.382 | \$ 3,887.81 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/16 | HE 1-13,16-18,20-24 | 1,879.300 | \$ 26.320 | \$ 49,462.51 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/16 | HE 4-24 | 2,393.738 | \$ 35.197 | \$ 84,252.30 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/17 | HE 1-11 | 1,468.100 | \$ 19.834 | \$ 29,118.48 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/17 | HE 10-24 | 3,704.182 | \$ 34.412 | \$ 127,466.57 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/18 | HE 1-19,21-24 | 1,429.900 | \$ 23.410 | \$ 33,474.57 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/18 | HE 1-21,24 | 590.127 | \$ 32.550 | \$ 19,208.51 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/19 | HE 1-24 | 4,396.800 | \$ 29.497 | \$ 129,691.24 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/19 | HE 5-24 | 526.251 | \$ 23.530 | \$ 12,382.62 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/20 | HE 1-24 | 4,491.200 | \$ 25.662 | \$ 115,251.10 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/20 | HE 6-8,10-11,13-16,23 | 443.963 | \$ 19.183 | \$ 8,516.65 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/21 | HE 1-24 | 5,576.600 | \$ 21.949 | \$ 122,402.61 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/21 | HE 12-16 | 255.440 | \$ 17.608 | \$ 4,497.66 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/22 | HE 1-24 | 5,017.700 | \$ 22.256 | \$ 111,672.42 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/22 | HE 7,13-14 | 50.183 | \$ 17.659 | \$ 886.20 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/23 | HE 1-24 | 6,440.000 | \$ 25.299 | \$ 162,923.72 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/23 | HE 6,10-17 | 481.948 | \$ 24.477 | \$ 11,796.53 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/24 | HE 1-24 | 7,486.000 | \$ 25.764 | \$ 192,865.82 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/24 | HE 11-17,19-20 | 332.761 | \$ 33.546 | \$ 11,162.80 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/25 | HE 1-24 | 4,455.900 | \$ 24.878 | \$ 110,853.52 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |

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

Form B

| DATE | HE | MWh | PRICE | TOTAL Cost | | Executi on | | Counterparty | REASON FOR PURCHASE | Highest Cost Unit (b) | MWh Cost Over Highest Cost Unit | Total Cost Over Highest Cost Unit |
|----------|------------------------------|---------------|--------------|-------------------|-----|---------------|-----------|---|---|--------------------------|------------------------------------|--------------------------------------|
| 8/25 | HE 10-15 | 277.661 | \$ 31.703 | \$ 8,802.82 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/26 | HE 1-10 | 778.900 | \$ 23.545 | \$ 18,338.85 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/26 | HE 5,10-17,21-24 | 11.589 | \$ 1,819.555 | \$ 21,086.82 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ 1,669.704 | \$ 19,350.20 |
| 8/27 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/27 | HE 1-24 | 368.502 | \$ 64.048 | \$ 23,601.76 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/28 | HE 1-24 | 12,196.350 | \$ 68.473 | \$ 835,120.80 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/28 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/29 | HE 1-24 | 5,421.843 | \$ 36.265 | \$ 196,623.41 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/29 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/30 | HE 1-6,10-22,24 | 2,132.459 | \$ 42.875 | \$ 91,428.35 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/30 | HE 5-10,12-13,15-16,18,21-23 | 671.871 | \$ 29.319 | \$ 19,698.52 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/31 | HE 1-24 | 4,920.158 | \$ 27.226 | \$ 133,954.56 | Buy | Power | Day Ahead | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/31 | HE 2-16,20-24 | 1,601.016 | \$ 23.053 | \$ 36,909.00 | Buy | Power | Real Time | MISO | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | 56,800.000 | \$ 40.742 | \$ 2,314,140.00 | Buy | Hedge | | AEP Energy Partners, Inc | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | 17,600.000 | \$ 62.500 | \$ 1,100,000.00 | Buy | Hedge | | Macquarie Energy | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | 17,600.000 | \$ 62.750 | \$ 1,104,400.00 | Buy | Hedge | | Morgan Stanley Capital Group | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | 74,400.000 | \$ 39.400 | \$ 2,931,360.00 | Buy | Hedge | | Nextera Energy Power Marketing, I | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | (166,400.000) | \$ 33.039 | \$ (5,497,683.00) | Buy | Hedge | | ISO Energy (Indiana Hub or BREC.BREC) F | Economic | \$ 149.851 | \$ - | \$ - |
| 8/1-8/31 | | - | \$ - | \$ (106,349.05) | Buy | Hedge | | MISO Energy (Indiana Hub & LGEE) Back t | Economic | \$ 149.851 | \$ - | \$ - |
| | | 140,974.653 | \$ - | \$ 6,443,387.13 | | | | | Economic Total | | | \$ 19,350.20 (1) |
| 8/27 | HE 4-11 | 1,107.000 | \$ 22.897 | \$ 25,347.41 | Buy | Power | Real Time | MISO | G1-24-26 | \$ 149.851 | \$ - | \$ - |
| | | 1,107.000 | \$ - | \$ 25,347.41 | | | | | G1-24-26 (U01) Total | | | \$ - (1) |
| 8/27 | HE 22-24 | 693.000 | \$ 24.525 | \$ 16,995.89 | Buy | Power | Real Time | MISO | G1-24-27 | \$ 149.851 | \$ - | \$ - |
| 8/28 | HE 1-4 | 246.576 | \$ 24.322 | \$ 5,997.21 | Buy | Power | Real Time | MISO | G1-24-27 | \$ 149.851 | \$ - | \$ - |
| | | 939.576 | \$ - | \$ 22,993.10 | | | | | G1-24-27 (U01) Total | | | \$ - (1) |
| 8/1-8/31 | | - | \$ - | \$ - | | | | AECI | MISO Energy Charges - AECI | \$ 149.851 | \$ - | \$ - |
| | | - | \$ - | \$ - | | | | | MISO Energy Charges - AECI Total | | | \$ - |
| 8/1-8/31 | | 14,943.003 | \$ 26.216 | \$ 391,741.43 | | | | PADUCAHI | MISO Energy Charges - PADUCAHI | \$ 149.851 | \$ - | \$ - |
| | | 14,943.003 | \$ - | \$ 391,741.43 | | | | | MISO Energy Charges - PADUCAHI Total | | | \$ - |
| 8/1-8/31 | | 45,000.000 | \$ 32.167 | \$ 1,447,506.00 | | | | SIPC | MISO Energy Charges - SIPC | \$ 149.851 | \$ - | \$ - |
| | | 45,000.000 | \$ - | \$ 1,447,506.00 | | | | | MISO Energy Charges - SIPC Total | | | \$ - (1) |
| 8/1-8/31 | | 518.000 | \$ 89.192 | \$ 46,201.57 | | | | PJM | PJM Fees (Transmission Only) | \$ 149.851 | \$ - | \$ - |
| | | 518.000 | \$ - | \$ 46,201.57 | | | | | PJM Fees (Transmission Only) Total | | | \$ - |
| 8/25 | HE 18-20 | 168.000 | \$ 71.832 | \$ 12,067.85 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/26 | HE 11-22 | 534.000 | \$ 23.865 | \$ 12,743.95 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/27 | HE 3-9 | 324.400 | \$ 23.979 | \$ 7,778.64 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/28 | HE 1-24 | 448.650 | \$ 77.559 | \$ 34,796.68 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/29 | HE 1-24 | 504.157 | \$ 33.913 | \$ 17,097.68 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/30 | HE 10-22 | 328.541 | \$ 41.583 | \$ 13,661.70 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/30 | HE 15-16,18,21 | 216.951 | \$ 30.267 | \$ 6,566.42 | Buy | Power | Real Time | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| 8/31 | HE 1-24 | 392.842 | \$ 25.666 | \$ 10,082.60 | Buy | Power | Day Ahead | MISO | RCT-24-70 | \$ 149.851 | \$ - | \$ - |
| | | 2,917.541 | \$ - | \$ 114,795.52 | | | | | RCT-24-70 (U01) Total | | | \$ - |
| 8/1-8/31 | | (45,000.000) | \$ 34.458 | \$ (1,550,608.50) | | | | SIPC/AECI | SIPC/AECI GFA Transactions | \$ 149.851 | \$ - | \$ - |
| | | (45,000.000) | \$ - | \$ (1,550,608.50) | | | | | SIPC/AECI GFA Transactions Total | | | \$ - (1) |
| 8/1 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/1 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/2 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/2 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/3 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/3 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/4 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/4 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/5 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/5 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/6 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/6 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/7 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/7 | HE | - | \$ - | \$ - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |
| 8/8 | HE | - | \$ - | \$ - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149.851 | \$ - | \$ - |

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

Form B

| DATE | HE | MWh | PRICE | TOTAL Cost | | Executi on | | Counterparty | REASON FOR PURCHASE | Highest Cost Unit (b) | MWh Cost Over Highest Cost Unit | Total Cost Over Highest Cost Unit | |
|----------|------------------------------|--------------------|-----------------|------------------------|---|---------------|-------|--------------|---------------------|---|------------------------------------|--------------------------------------|-----------------|
| 8/8 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/9 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/9 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/10 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/10 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/11 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/11 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/12 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/12 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/13 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/13 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/14 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/14 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/15 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/15 | HE 19-20 | 8,216 | \$ 215.123 | \$ 1,767.45 | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ 65,272 | \$ 536.28 |
| 8/16 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/16 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/17 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/17 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/18 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/18 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/19 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/19 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/20 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/20 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/21 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/21 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/22 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/22 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/23 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/23 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/24 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/24 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/25 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/25 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/26 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/26 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/27 | HE 13 | 8,000 | \$ 389.434 | \$ 3,115.47 | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ 239,583 | \$ 1,916.67 |
| 8/27 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/28 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/28 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/29 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/29 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/30 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/30 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/31 | HE | - | \$ - | \$ - | - | Buy | Power | Day Ahead | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| 8/31 | HE | - | \$ - | \$ - | - | Buy | Power | Real Time | MISO | To Cover Load and Lack of Generation | \$ 149,851 | \$ - | \$ - |
| | | 16,216 | \$ - | \$ 4,882.92 | | | | | | To Cover Load and Lack of Generation Total | | | \$ 2,452.94 (4) |
| 8/26 | HE 22-24 | 1,200,000 | \$ 27.456 | \$ 32,947.77 | - | Buy | Power | Real Time | MISO | W1-24-10 | \$ 149,851 | \$ - | \$ - |
| 8/27 | HE 1-24 | 9,400,000 | \$ 44.793 | \$ 421,055.54 | - | Buy | Power | Real Time | MISO | W1-24-10 | \$ 149,851 | \$ - | \$ - |
| 8/28 | HE 1-4 | 1,600,000 | \$ 27.050 | \$ 43,279.33 | - | Buy | Power | Day Ahead | MISO | W1-24-10 | \$ 149,851 | \$ - | \$ - |
| | | 12,200,000 | \$ - | \$ 497,282.64 | | | | | | W1-24-10 (U02) Total | | | \$ - |
| 8/1-8/31 | | - | \$ - | \$ - | | | | | MISO | | \$ 149,851 | \$ - | \$ - |
| | | 179,685,471 | \$ - | \$ 7,614,304.86 | | | | | | Grand Total | | | \$ 21,803.14 |
| | Plus: SEPA | 23,097,000 | \$ 28.382 | \$ 655,545.49 | | | | | | | | | |
| | Plus: KY National Guard | 2,162 | \$ 28.474 | \$ 61.56 | | | | | | | | | |
| | Plus: Southern Star | 79,213 | \$ 37.640 | \$ 2,981.54 | | | | | | | | | |
| | Plus: Capacity Purchases | - | \$ - | \$ 206,250.00 | | | | | | | | | |
| | Total Purchased Power | 202,863,846 | \$ 94.50 | \$ 8,479,143.45 | | | | | | | | | |

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

Form B

| DATE | HE | MWh | PRICE | TOTAL Cost | Executi on | Counterparty | REASON FOR PURCHASE | Highest Cost Unit (b) | MWh Cost Over Highest Cost Unit | Total Cost Over Highest Cost Unit |
|------|----|-----|-------|------------|---------------|--------------|---------------------|--------------------------|------------------------------------|--------------------------------------|
|------|----|-----|-------|------------|---------------|--------------|---------------------|--------------------------|------------------------------------|--------------------------------------|

Recon to Nodal (S7):

| | | | | |
|--|--------------------|--|--|------------------------|
| Total MISO Purchased Power (Above): | 179,685.471 | | | \$ 7,614,304.86 |
| <i>Less: Purchases for Domtar Back-Up Power</i> | 6,069.482 | | | \$ 170,775.64 |
| <i>Less: SIPC Charges</i> | 45,000.000 | | | \$ 1,447,506.00 |
| <i>Less: SIPC GFA Transactions</i> | (45,000.000) | | | \$ (1,550,608.50) |
| <i>Less: PJM Transactions</i> | 518.000 | | | \$ 46,201.57 |
| <i>Less: AECI Charges</i> | - | | | - |
| <i>Less: Purchased Power Hedges</i> | - | | | \$ 1,845,867.95 |
| Total MISO Purchases Above (Excl. SIPC & Domtar): | 173,097.989 | | | \$ 5,654,562.20 |
| Total MISO Purchased Power per S7 Nodal Report: | 158,154.986 | | | \$ 5,262,820.77 |
| Total MISO Purchased Power per S7 Nodal Report: | 14,942.985 | | | \$ 391,741.43 |

| | | |
|---|----|------------------|
| (A) Total Purchases over Highest Cost Unit | \$ | 21,803.14 |
| (1) Purchases above Highest Cost Unit for Forced Outages > 6 hours | \$ | 19,350.20 |
| (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. | \$ | 2,452.94 |
| (5) Total Purchases above Highest Cost Unit (A)-(1) (For Form A Filing) | \$ | 2,452.94 |

**Reid Combustion Turbine
August 31, 2024**

Form B

8/1/2024

| Date | Service Hours | Net MWh | MCF | Gas Cost | Natural Gas Cost | Texas Gas Transportation | Total Cost | \$MWh |
|----------------|----------------------|-----------------|-------------------|-----------------|-------------------------|---------------------------------|----------------------|------------------|
| 8/1/24 | 11.480 | | 5,639.49 | | | | | |
| 8/2/24 | 9.780 | | 3,955.33 | | | | | |
| 8/3/24 | 5.330 | | 2,615.87 | | | | | |
| 8/4/24 | 3.520 | | 2,014.05 | | | | | |
| 8/5/24 | 10.570 | | 5,839.49 | | | | | |
| 8/15/24 | 4.250 | | 29,767.41 | | | | | |
| 8/16/24 | 6.380 | | 25,054.00 | | | | | |
| 8/17/24 | 6.380 | | 25,788.08 | | | | | |
| 8/25/24 | 2.620 | | 11,962.57 | | | | | |
| 8/26/24 | | | 3,092.34 | | | | | |
| 8/28/24 | | | 1,979.53 | | | | | |
| 8/30/24 | | | 828.57 | | | | | |
| 8/31/24 | | | 1,623.20 | | | | | |
| Average | 60.31 | 1873.200 | 120,159.92 | \$ 2.31 | \$ 231,990.03 | \$ 45,999.79 | \$ 277,989.82 | \$ 148.40 |

The Reid Combustion Turbine (CT) was placed in Automatic Dispatch System on August 1st-5th, 15th-17th and 25th, 2024. MISO called upon the Reid CT 60.310 hours. The Reid CT was available 593.2 hours.

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF COAL PURCHASED FOR FUEL CLAUSE BACKUP
August 31, 2024**

| STATION & SUPPLIER (a) | PBDU (b) | POCN (c) | MT (d) | Mine Type (e) | State Code (f) | Tons Purchased (g) | BTU Per Lb. (h) | No. MMBTU Per Ton (i) | F.O.B. Mine | | Transportation Cost | | Delivered Cost | | % SO2 (n) | % Ash (o) | % H2O (p) | |
|--|-------------|-------------|-----------|------------------|-------------------|-----------------------|--------------------|--------------------------|-------------------|--------------------|---------------------|--------------------|----------------|-----------------|--------------|--------------|--------------|---|
| | | | | | | | | | \$ 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 | 37,316.97 | 11,522 | 859,913.85 | 46.2765 | 200.8222 | 5.3704 | 23.3053 | 51.6468 | 224.1275 | 2.93 | 9.06 | 11.70 | |
| American Consolidated Natural Resources - 1109 | P | 22-001 | T | U | WKY | 18,530.50 | 12,892 | 477,800.53 | 31.1735 | 120.9000 | 0.0000 | 0.0000 | 31.1735 | 120.9000 | 2.23 | 7.47 | 6.97 | |
| Total Contract | | | | | | 55,847.47 | 11,976 | 1,337,714.38 | 41.2652 | 172.2759 | 3.5884 | 14.9812 | 44.8537 | 187.2571 | 2.70 | 8.53 | 10.13 | |
| SPOT CONTRACT | | | | | | | | | | | | | | | | | | |
| Foresight Coal - 1111 | P | 24-001 | B | U | IL | 12,601.68 | 11,337 | 285,737.81 | 76.4005 | 336.9433 | 0.0000 | 0.0000 | 76.4005 | 336.9433 | 3.04 | 8.56 | 13.18 | |
| Total Spot | | | | | | 12,601.68 | 11,337 | 285,737.81 | 76.4005 | 336.9433 | 0.0000 | 0.0000 | 76.4005 | 336.9433 | 3.04 | 8.56 | 13.18 | |
| TOTAL WILSON STATION | | | | | | 68,449.15 | 11,859 | 1,623,452.19 | 47.7337 | 201.2584 | 2.9278 | 12.3444 | 50.6615 | 213.6028 | 2.76 | 8.54 | 10.69 | |
| TOTAL BIG RIVERS SYSTEM | | | | | | 68,449.15 | 11,859 | 1,623,452.19 | 47.7337 | 201.2584 | 2.9278 | 12.3444 | 50.6615 | 213.6028 | 2.76 | 8.54 | 10.69 | |

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF PET COKE PURCHASED FOR FUEL CLAUSE BACKUP
August 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
August 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. 276522 | T | Wilson | 118,402.00 | 138,000 | \$ 278,450.74 | 0.0170 | N/A |
| | | | | | <u>118,402.00</u> | | <u>\$ 278,450.74</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 | \$ 48,759.77 | 0.0000 | N/A |
| Southwest Energy, LP (3) | P | BRE-23-G01 | P | Reid CT | 1,524.00 | 1,000,000 | \$ 2,803.45 | 0.0018 | N/A |
| CIMA Energy (1) | P | BRE-14-G07 | P | Reid CT | 5,104.00 | 1,000,000 | \$ 9,493.25 | 0.0019 | N/A |
| ECO-Energy (1) | P | BRE-22-G07 | P | Reid CT | 3,777.00 | 1,000,000 | \$ 7,273.06 | 0.0019 | N/A |
| Twin Eagle Resource Mangement, LLC (1) | P | BRE-24-G02 | P | Reid CT | 51,369.00 | 1,000,000 | \$ 99,707.90 | 0.0019 | N/A |
| Tenaska Marketing Ventures (1) | P | BRE-11-G06 | P | Reid CT | 57,736.00 | 1,000,000 | \$ 112,655.19 | 0.0020 | N/A |
| Fuel Qtv and Pipe Imbalance (2) | P | | | Reid CT | (278.00) | 1,000,000 | \$ - | 0.0000 | N/A |
| Southwest Energy, LP (3) | P | BRE-23-G01 | P | Green | 13,402.00 | 1,000,000 | \$ 24,660.39 | 0.0018 | N/A |
| CIMA Energy (3) | P | BRE-14-G07 | P | Green | 44,896.00 | 1,000,000 | \$ 83,506.75 | 0.0019 | N/A |
| ECO-Energy (3) | P | BRE-22-G07 | P | Green | 33,223.00 | 1,000,000 | \$ 63,976.94 | 0.0019 | N/A |
| Twin Eagle Resource Mangement, LLC (1) | P | BRE-24-G02 | P | Green | 451,868.00 | 1,000,000 | \$ 877,073.79 | 0.0019 | N/A |
| Tenaska Marketing Ventures (3) | P | BRE-11-G06 | P | Green | 507,871.00 | 1,000,000 | \$ 990,963.79 | 0.0020 | N/A |
| Texas Gas Transmission (3) | P | BRE 10-G01 | P | Green | - | 1,000,000 | \$ 428,912.07 | 0.0000 | N/A |
| Fuel Qtv and Pipe Imbalance (2) | P | | | Green | (2,442.00) | 1,000,000 | \$ - | 0.0000 | N/A |
| | | | | | <u>1,168,050.00</u> | 1,000,000 | <u>\$ 2,749,786.35</u> | 0.0024 | N/A |

Footnotes:

- (1) BREC purchased and used 119,232 MMBtu for the Reid CT in August 2024.
- (2) Gas quantity cuts from scheduled gas and +/- pipe imbalance beg/end of month.
- (3) BREC purchased 1,048,818 MMBtu for Green Unit 1 & 2 in August 2024.

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

(c) POCN = Purchase Order
 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: August 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 | 31 | 0 |
| | c. Net Demonstrated Capability (MW) | 65 | 65 | 130 |
| | d. Net Capability Factor(L1b/L1c) (%) | 0.0% | 47.8% | 0.0% |
| 2. | Heat Rate: | | | |
| | a. BTU Consumed (MMBTU) | 0 | 111,458 | 111,458 |
| | b. Gross Generation (MWH) | 0 | 1,965 | 1,965 |
| | c. Net Generation (MWH) | 0 | 1,873 | 1,873 |
| | d. Heat Rate(L2a/L2c) (BTU/KWH) | 0 | 59,503 | 59,503 |
| 3. | Operation Availability: | | | |
| | a. Hours Unit Operated | 0.0 | 60.3 | 60.3 |
| | b. Hours Available | 0.0 | 593.2 | 593.2 |
| | c. Hours During the Period | 744.0 | 744.0 | 1,488.0 |
| | d. Availability Factor(L3b/L3c) (%) | 0.0% | 79.7% | 39.9% |
| 4. | Cost Per KWH: | | | |
| | a. Gross Generation - FAC Basis (cents/KWH) | 0.0000 | 0.1428 | 0.1428 |
| | b. Net Generation - FAC Basis (cents/KWH) | 0.0000 | 0.1499 | 0.1499 |
| 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: August 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) | (31) | (31) | (61) |
| | 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: August 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) | 144 | 138 | 282 |
| | c. Net Demonstrated Capability (MW) | 231 | 223 | 454 |
| | d. Net Capability Factor(L1b/L1c) (%) | 62.3% | 61.9% | 62.1% |
| 2. | Heat Rate: | | | |
| | a. BTU Consumed (MMBTU) | 0 | 0 | 0 |
| | b. Gross Generation (MWH) | 54,241 | 49,425 | 103,666 |
| | c. Net Generation (MWH) | 48,166 | 43,632 | 91,798 |
| | d. Heat Rate(L2a/L2c) (BTU/KWH) | 0 | 0 | 0 |
| 3. | Operation Availability: | | | |
| | a. Hours Unit Operated | 334.1 | 315.3 | 649.4 |
| | b. Hours Available | 721.8 | 738.4 | 1,460.2 |
| | c. Hours During the Period | 744.0 | 744.0 | 1,488.0 |
| | d. Availability Factor(L3b/L3c) (%) | 97.0% | 99.2% | 98.1% |
| 4. | Cost Per KWH: | | | |
| | a. Gross Generation - FAC Basis (cents/KWH) | 0.0226 | 0.0252 | 0.0238 |
| | b. Net Generation - FAC Basis (cents/KWH) | 0.0254 | 0.0285 | 0.0269 |
| 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: August 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) | 353 | 353 |
| | c. Net Demonstrated Capability (MW) | 417 | 417 |
| | d. Net Capability Factor(L1b/L1c) (%) | 84.6% | 84.6% |
| 2. | Heat Rate: | | |
| | a. BTU Consumed (MMBTU) | 2,730,161 | 2,730,161 |
| | b. Gross Generation (MWH) | 271,612 | 271,612 |
| | c. Net Generation (MWH) | 251,711 | 251,711 |
| | d. Heat Rate(L2a/L2c) (BTU/KWH) | 10,846 | 10,846 |
| 3. | Operation Availability: | | |
| | a. Hours Unit Operated | 713.4 | 713.4 |
| | b. Hours Available | 713.4 | 713.4 |
| | c. Hours During the Period | 744.0 | 744.0 |
| | d. Availability Factor(L3b/L3c) (%) | 95.9% | 95.9% |
| 4. | Cost Per KWH: | | |
| | a. Gross Generation - FAC Basis (cents/KWH) | 0.0215 | 0.0215 |
| | b. Net Generation - FAC Basis (cents/KWH) | 0.0232 | 0.0232 |
| 5. | Inventory Analysis: | | |
| | a. Number of Days Supply based on actual burn at the station (1) | 144 | 144 |

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.