



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

March 4, 2025

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

RECEIVED

MAR 05 2024

PUBLIC SERVICE
COMMISSION

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

Dear Executive Director:

Enclosed is Big Rivers' Form B in support of the FAC filing for the month ending January 31, 2025.

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

Sincerely,

BIG RIVERS ELECTRIC CORPORATION

Katie Cheatham
Manager Accounting

Enclosure

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

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: January 31, 2025

	<u>Fuel</u>		<u>Coal</u>		
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
<i>HMP&L Station Two</i>					
Beginning Inventory	\$0.00	0.00	0.0000 ¢	0.00	\$0.0000
Purchases	0.00	0.00	0.0000 ¢	0.00	\$0.0000
Transfer to Green Station	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
<i>Green</i>					
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
<i>Wilson</i>					
Beginning Inventory	\$28,557,202.95	13,324,906.63	214.3145 ¢	575,151.48	\$49.6516
Purchases (1)	3,333,616.80	1,397,019.10	238.6236 ¢	61,467.65	\$54.2337
Sub-total	31,890,819.75	14,721,925.73	216.6213 ¢	636,619.13	\$50.0940
Less Fuel Burned	5,768,334.95	2,662,866.58	216.6213 ¢	115,150.14	\$50.0940
Physical Inventory Adjustment	-	-	0.0000	-	\$0.0000
Ending Inventory	\$26,122,484.80	12,059,059.15	216.6213 ¢	521,468.99	\$50.0940
<i>Coal in Transit</i>					
Coal In Transit (2)	1,229,275.81	623,924.73	197.0231 ¢	27,633.94	\$44.4843
Total Combined Inventory	\$27,351,760.61	12,682,983.88	215.6571 ¢	549,102.93	\$49.8117

Footnotes:

(1) There was 1 lube invoice (2-664250) and 3 hourly tug service invoices (2-664731, 2-664755, 2-664804) billed to Wilson in January 2025. Freight charges are allocated on tons unloaded during the current month to the stations. The freight cost for January 2025 for Wilson Station was \$9.075897159 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 January 2025 was 27,633.94 tons for Wilson Station.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: HMP&L Station Two, Green and Wilson

Month Ended: January 31, 2025

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: January 31, 2025

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 January 2025.
- (2) Transfer out of fuel oil from Reid Combustion Turbine to Wilson Station January 2025.
- (3) There was no transfer of fuel oil from the Reid Combustion Turbine to the Reid/Station Two 50k fuel oil tank.
- (4) Transfer of fuel oil from the Reid/Station Two 50k fuel oil tank to the Green tank.

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid, Green and Wilson

Month Ended: January 31, 2025

Fuel No. 2 Fuel OilGreen

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

Wilson

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	127,503.55	\$293,833.99	230.4516	¢
Transfer In (2)	0.00	0.00	0.0000	¢
Adjustments (3)	0.00	0.00	0.0000	¢
Purchases	174,903.00	402,668.68	230.2240	¢
Sub-Total	302,406.55	696,502.67	230.3200	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	95,689.80	220,392.72	230.3200	¢
Ending Inventory	206,716.75	476,109.95	230.3200	¢

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	206,716.75	\$476,109.95	230.3200	¢

Footnotes:

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

Company: BIG RIVERS ELECTRIC CORPORATION

FUEL INVENTORY SCHEDULE

Plant: Reid Combustion Turbine

Month Ended: January 31, 2025

Fuel: Natural Gas

Reid Combustion Turbine

	Units (MMBtu)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	MMBtu
Purchases (1)	0.00	0.00	0.0000	MMBtu
Purchase Adjustment (2)	0.00	0.00	0.0000	MMBtu
Sub-total	<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)	369,902.00	1,752,873.59	4.7388	MMBtu
Purchase Adjustment (4)	0.00	0.00	0.0000	MMBtu
Sub-total	<u>369,902.00</u>	<u>1,752,873.59</u>	4.7388	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)	369,902.00	1,752,873.59	4.7388	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 January 2025.
- (2) There was no purchase adjustments for the Reid CT in January 2025.
- (3) BREC purchased 369,902 MMBtu for Green Unit 1 & 2 in January 2025.
- (4) There was no purchase adjustments for Green Unit 1 & 2 in January 2025.

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	211,182,258	\$0	\$6,551,500	\$2,489,711	\$9,041,211
	KY National Guard	Available for system		Non-Displacement	3,425	\$0	\$0	\$115	\$115
	Southern Star	Available for system		Non-Displacement	43,772	\$0	\$0	\$1,832	\$1,832
	Unbridled	Available for system		Non-Displacement	14,638,754	\$0	\$0	\$418,254	\$418,254
	SEPA	Available for system		Non-Displacement	34,385,000	\$744,968	\$0	\$0	\$744,968
SUB-TOTAL(1)		Net Energy Cost - Economy Purchases			260,253,209	\$744,968	\$6,551,500	\$2,909,912	\$10,206,380
	MISO	Scheduled Outages:		Non-Displacement	4,294,000	\$0	\$133,213	\$24,840	\$158,053
	MISO	Domtar Purchases		Non-Displacement	1,677,494	\$0	\$52,041	\$83,465	\$135,506
Footnote 1	MISO-Paducah	Blockware		Non-Displacement	14,350,883	\$0	\$445,207	\$64,313	\$509,520
	MISO	Intersystem Sale		Non-Displacement	21,787,000	\$0	\$675,897	\$388,081	\$1,063,978
	MISO	Cover Load & Lack of Generation		Non-Displacement	39,067,541	\$0	\$1,211,991	\$4,180,791	\$5,392,782
	Various	Capacity Purchases		Non-Displacement	0	\$206,250	\$0	\$0	\$206,250
SUB-Total(2)		Identifiable fuel cost (Total Other Purchases)			81,176,918	\$206,250	\$2,518,349	\$4,741,490	\$7,466,089
	MISO	Purchases for Forced Outages (> 6 hrs.):		Non-Displacement	32,530,658	\$0	\$1,009,197	\$319,373	\$1,328,571
SUB-TOTAL(3)		Identifiable fuel cost (substitute for Forced Outage)			32,530,658	\$0	\$1,009,197	\$319,373	\$1,328,571
					373,960,785	\$951,218	\$10,079,046	\$7,970,775	\$19,001,039
LESS: PURCHASED FOR SUPPLEMENTAL OR BACKUP SALES					0	\$0	\$0	\$0	\$0.00
TOTAL(4)		Total Purchased Power			373,960,785	\$951,218	\$10,079,046	\$7,970,775	\$19,001,039
Sales									
	Purchased Power:								
Footnote 2	DTE/EDF/NextEra/Morgan Stanle Indiana Hub(BTB)			MISO (BTB)	21,787,000	\$0	\$675,897	\$426,386	\$1,102,283
SUB-TOTAL(1)					21,787,000	\$0	\$675,897	\$426,386	\$1,102,283
	Generation:								
Footnote 2	MISO:	BREC	\$31.023(System Average)	Coal-Petcoke Fired	200,151,732	\$0	\$6,209,300	\$3,210,972	\$9,420,272
Footnote 2	HMP&L	BREC	\$31.023(System Average)	Coal-Petcoke Fired	0	\$0	\$0	\$1,918	\$1,918
SUB-TOTAL(2)					200,151,732	\$0	\$6,209,300	\$3,212,890	\$9,422,190
LOSSES ACROSS OTHER SYSTEMS(NOT BILLED) (Footnote 3)					12,881,412	\$0	\$0	\$0	\$0
TOTAL(3)					234,820,144	\$0	\$6,885,198	\$3,639,276	\$10,524,473
	Interchange In				630,256,779	\$0	\$0	\$0	\$0
	Interchange Out				619,850,847	\$0	\$0	\$0	\$0
	Net Interchange				10,405,932	\$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 \$31.023 mills. There was a true-up of total energy dollars of (\$10,273.69) in January 2025 from the S55 November 2024 resettlement. There was no impact to volume from the true-up made in January 2025 for November 2024 S55 resettlement. HMP&L was also invoiced \$1,918.28 for Auxiliary Power for January 2025.

Footnote 3: The calculated line losses for January 2025 activity was 12,811,412

Light Blue - Net Energy Cost - Economy Purchases

Yellow - Identifiable fuel cost - Other Purchases

Green - Identifiable fuel cost - Forced Outage Purchases

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
1/1-1/31		1,677.494	\$ 80.779	\$ 135,505.70		Domtar	Back-Up Power	\$ 77.406	\$ 3.372	\$ 5,657.03
		1,677.494		\$ 135,505.70			Back-Up Power Total			\$ 5,657.03
1/1-1/31		0.000	\$ -	\$ -		SIPC	Cong/Loss Rebates	\$ 77.406	\$ -	\$ -
1/1-1/31		0.000	\$ -	\$ -		AECI	Cong/Loss Rebates	\$ 77.406	\$ -	\$ -
		0.000		\$ -			Cong/Loss Rebates Total			\$ -
1/1-1/31		0.000	\$ -	\$ -		SIPC	DA RSG	\$ 77.406	\$ -	\$ -
1/1-1/31		0.000	\$ -	\$ -		AECI	DA RSG	\$ 77.406	\$ -	\$ -
		0.000		\$ -			DA RSG Total			\$ -
1/1-1/31		0.000	\$ -	\$ -		AECI	DA/RT Settle Adj	\$ 77.406	\$ -	\$ -
		0.000		\$ -			DA/RT Settle Adj Total			\$ -
1/1	HE 1-24	14,388.000	\$ 28.731	\$ 413,383.08	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/1	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/2	HE 1-24	6,086.000	\$ 35.408	\$ 215,492.93	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/2	HE 1-6,19-20	294.723	\$ 27.122	\$ 7,993.36	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/3	HE 1-24	7,205.000	\$ 32.867	\$ 236,809.82	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/3	HE 1-3,5-7,8,18-20	223.625	\$ 34.482	\$ 7,711.00	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/4	HE 1-24	7,632.000	\$ 37.693	\$ 287,671.08	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/4	HE 2-3,5-8,10,13,15-16,18-19,21-23	284.177	\$ 31.867	\$ 9,055.85	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/5	HE 1-24	8,132.000	\$ 34.444	\$ 280,101.92	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/5	HE 6,17-18	40.691	\$ 36.299	\$ 1,477.04	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/6	HE 1-24	5,695.000	\$ 45.046	\$ 256,536.79	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/6	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/7	HE 1-7,10-24	6,849.000	\$ 48.937	\$ 335,169.98	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/7	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/8	HE 1-24	8,473.000	\$ 49.031	\$ 415,441.16	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/8	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/9	HE 1-7,9-24	8,649.000	\$ 45.537	\$ 393,850.90	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/9	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/10	HE 1-24	8,721.000	\$ 39.516	\$ 344,615.94	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/10	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/11	HE 1-24	8,644.000	\$ 35.005	\$ 302,585.68	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/11	HE 18,24	46.061	\$ 31.214	\$ 1,437.76	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/12	HE 1-24	8,851.000	\$ 32.058	\$ 283,749.40	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/12	HE 1-9,18-21	460.615	\$ 32.141	\$ 14,804.46	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/13	HE 1-24	10,435.000	\$ 41.344	\$ 431,425.21	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/13	HE 19-24	534.418	\$ 45.646	\$ 24,394.01	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/14	HE 1-7,9-17,23-24	8,648.000	\$ 46.112	\$ 398,779.20	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/14	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/15	HE 1-7,10-24	9,979.000	\$ 54.456	\$ 543,417.34	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/15	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/16	HE 1-24	5,127.000	\$ 65.182	\$ 334,185.64	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/16	HE 1-3,7-9,21-23	307.612	\$ 40.203	\$ 12,366.88	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/17	HE 1-24	5,344.000	\$ 36.845	\$ 196,901.90	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/17	HE 1-7,9	262.209	\$ 41.792	\$ 10,958.16	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/18	HE 1-24	12,038.000	\$ 38.416	\$ 462,447.81	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/18	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/19	HE 1-17	7,794.000	\$ 59.359	\$ 462,640.72	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/19	HE 21-24	173.359	\$ 63.318	\$ 10,976.68	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/20	HE 15	521.000	\$ 75.965	\$ 39,577.62	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/20	HE 1	18.060	\$ 72.966	\$ 1,317.76	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/21	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/21	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/22	HE 14-17,24	1,720.000	\$ 64.818	\$ 111,487.81	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/22	HE 7,9,24	50.943	\$ 61.045	\$ 3,109.80	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/23	HE 1-6,10-17	5,034.000	\$ 53.910	\$ 271,381.23	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/23	HE 1-3,20-24	438.821	\$ 53.020	\$ 23,266.35	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/24	HE 1-5,10-24	5,392.200	\$ 49.593	\$ 267,414.26	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/24	HE 1,3,5-6,19-22,24	769.788	\$ 46.835	\$ 36,052.82	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/25	HE 1-24	8,281.000	\$ 38.608	\$ 319,710.45	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/25	HE 1-3	73.015	\$ 35.855	\$ 2,617.92	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/26	HE 1-24	6,896.000	\$ 35.766	\$ 246,643.92	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/26	HE 6-7	4.579	\$ 32.625	\$ 149.39	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -

BIG RIVERS ELECTRIC CORPORATION
PURCHASES
January 31, 2025

Form B

DATE	HE	MWh	PRICE	TOTAL Cost	Execution	Counterparty	REASON FOR PURCHASE	Highest Cost Unit (b)	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
1/27	HE 1-24	6,848.000	\$ 36.683	\$ 251,204.51	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/27	HE	0.000	\$ -	\$ -	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/28	HE 1-7,10-24	3,049.000	\$ 37.010	\$ 112,842.75	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/28	HE 3-8,22-23	183.090	\$ 38.392	\$ 7,029.11	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/29	HE 1-2,5-7,9-17,20-24	2,328.000	\$ 34.569	\$ 80,476.33	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/29	HE 1-8,19,22-23	178.716	\$ 37.356	\$ 6,676.19	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/30	HE 1-24	4,476.000	\$ 36.393	\$ 162,894.03	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/30	HE 2-6,15-18,20-24	258.693	\$ 36.495	\$ 9,440.92	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/31	HE 1-24	3,015.000	\$ 32.292	\$ 97,358.91	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/31	HE 1-9,19-24	328.863	\$ 23.827	\$ 7,835.78	Buy Power	MISO	Economic	\$ 77.406	\$ -	\$ -
1/1-1/31		18,600.000	\$ 54.250	\$ 1,009,050.00	Buy Hedge	AEP Energy Partners, Inc	Economic	\$ 77.406	\$ -	\$ -
1/1-1/31		93,000.000	\$ 53.170	\$ 4,944,810.00	Buy Hedge	Macquarie Energy	Economic	\$ 77.406	\$ -	\$ -
1/1-1/31		74,400.000	\$ 51.375	\$ 3,822,300.00	Buy Hedge	Morgan Stanley Capital Group	Economic	\$ 77.406	\$ -	\$ -
1/1-1/31		-186,000.000	\$ 50.261	\$ (9,348,600.00)	Buy Hedge	MISO Energy (Indiana Hub or BREC.BREC) Fixed Pr	Economic	\$ 77.406	\$ -	\$ -
1/1-1/31		0.000	\$ -	\$ (141,391.78)	Buy Hedge	MISO Energy (Indiana Hub & LGEE) Back to Back	Economic	\$ 77.406	\$ -	\$ -
		211,182.258	\$ -	\$ 9,041,037.78			Economic Total			\$ -
1/1-1/31		0.000	\$ -	\$ -		AECI	MISO Energy Charges - AECI	\$ 77.406	\$ -	\$ -
		0.000	\$ -	\$ -			MISO Energy Charges - AECI Total			\$ -
1/1-1/31		14,350.883	\$ 35.504	\$ 509,519.92		PADUCAHI	MISO Energy Charges - PADUCAHI	\$ 77.406	\$ -	\$ -
		14,350.883	\$ -	\$ 509,519.92			MISO Energy Charges - PADUCAHI Total			\$ -
1/1-1/31		1,275.000	\$ 49.527	\$ 63,147.00		SIPC	MISO Energy Charges - SIPC	\$ 77.406	\$ -	\$ -
		1,275.000	\$ -	\$ 63,147.00			MISO Energy Charges - SIPC Total			\$ -
1/10	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/10	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/11	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/11	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/12	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/12	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/13	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/13	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/14	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/14	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/15	HE 1	21.000	\$ 73.014	\$ 1,533.30	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/15	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/16	HE 1-6,9-17,22-24	1,698.000	\$ 38.480	\$ 65,338.90	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/16	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/17	HE 1-7,9-24	1,792.000	\$ 35.744	\$ 64,052.40	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/17	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/18	HE 1-2,8-17,24	783.000	\$ 34.646	\$ 27,128.20	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/18	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/19	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/19	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/20	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/20	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/21	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/21	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/22	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/22	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/23	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/23	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/24	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/24	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/25	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/25	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/26	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/26	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/27	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/27	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/28	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/28	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/29	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/29	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -

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
1/30	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/30	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/31	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
1/31	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G1-25-2 (Planned)	\$ 77.406	\$ -	\$ -
		4,294.000	\$ -	\$ 158,052.80			Outage G1-25-2 (Planned) Total (MO)			\$ -
1/19	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage G2-25-2	\$ 77.406	\$ -	\$ -
1/19	HE 8-17	95.201	\$ 119.252	\$ 11,352.92	Buy Power	MISO	Outage G2-25-2	\$ 77.406	\$ 41.846	\$ 3,983.76
		95.201	\$ -	\$ 11,352.92			Outage G2-25-2 Total (UO1)			\$ 3,983.76
1/14	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/14	HE 14-24	2,937.750	\$ 63.829	\$ 187,512.62	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/15	HE 8-9	5,539.139	\$ 18.326	\$ 101,511.87	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/15	HE 1-3,5-7,9-24	969.000	\$ 226.921	\$ 219,886.45	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ 149.515	\$ 144,879.70
1/16	HE 1-24	10,008.000	\$ 32.671	\$ 326,970.38	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/16	HE	0.000	\$ -	\$ -	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/17	HE 1-24	10,008.000	\$ 36.008	\$ 360,365.46	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/17	HE 8	54.568	\$ 112.382	\$ 6,132.44	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ 34.975	\$ 1,908.53
1/18	HE 1-8	2,919.000	\$ 39.342	\$ 114,838.81	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
1/18	HE	-	\$ -	\$ -	Buy Power	MISO	Outage W1-25-01	\$ 77.406	\$ -	\$ -
		32,435.457	\$ -	\$ 1,317,218.03			Outage W1-25-01 Total (UO2)			\$ 146,788.24
1/1-1/31		-	\$ -	\$ 173.36		PJM	PJM Fees (Transmission Only)	\$ 77.406	\$ -	\$ -
		-	\$ -	\$ 173.36			PJM Fees (Transmission Only) Total			\$ -
1/1-1/31		20,512.000	\$ 48.792	\$ 1,000,831.39		SIPC/AECI	SIPC/AECI GFA Transactions	\$ 77.406	\$ -	\$ -
		20,512.000	\$ -	\$ 1,000,831.39			SIPC/AECI GFA Transactions Total			\$ -
1/1	HE	0.000	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/25	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/26	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/26	HE 9	9.147	\$ 81.055	\$ 741.41	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ 3.649	\$ 33.37
1/27	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/27	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/28	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/28	HE 9	109.323	\$ 78.932	\$ 8,629.10	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ 1.526	\$ 166.81
1/29	HE 3-4	23.000	\$ 90.319	\$ 2,077.34	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ 12.913	\$ 296.99
1/29	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/30	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/30	HE 19	41.253	\$ 99.337	\$ 4,097.93	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ 21.930	\$ 904.69
1/31	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
1/31	HE	-	\$ -	\$ -	Buy Power	MISO	To Cover Load and Lack of Generation	\$ 77.406	\$ -	\$ -
		39,067.541	\$ -	\$ 5,392,781.75			To Cover Load and Lack of Generation Total			\$ 2,368,706.32
1/1-1/31		-	\$ -	\$ -		MISO		\$ 77.406	\$ -	\$ -
		324,889.834	\$ -	\$ 17,629,620.65			Grand Total			\$ 2,525,135.34

(A) Total Purchases over Highest Cost Unit	\$ 2,525,135.34
(1) Purchases above Highest Cost Unit for Forced Outages > 6 hours	\$ 156,429.02
(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.	\$ 2,368,706.32
(5) Total Purchases above Highest Cost Unit (A)-(1) (For Form A Filing)	\$ 2,368,706.32

Recon to Nodal (S7):

Total MISO Purchased Power (Above):	324,889.834	\$ 17,629,620.650
Less: Purchases for Domtar Back-Up Power	1,677.494	\$ 135,505.700
Less: SIPC Charges	1,275.000	\$ 63,147.000
Less: SIPC GFA Transactions	20,512.000	\$ 1,000,831.390
Less: PJM Transactions	-	\$ 173.360
Less: AECI Charges	-	\$ -
Less: Purchased Power Hedges	-	\$ 286,168.220
Total MISO Purchases Above (Excl. SIPC & Domtar):	301,425.340	\$ 16,143,794.98
Total MISO Purchased Power per S7 Nodal Report:	287,074.457	\$ 15,634,275.06
Total MISO Purchased Power per S7 Nodal Report:	14,351.056	\$ 509,519.92

Reid Combustion Turbine
January 31, 2025

Form B

Date	1-Jan 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)
1/1/25	\$4.32	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 52.236
1/2/25	\$4.32	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 52.236
1/3/25	\$4.74	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 57.314
1/4/25	\$5.00	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 60.458
1/5/25	\$5.00	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 60.458
1/6/25	\$5.00	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 60.458
1/7/25	\$5.96	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 72.066
1/8/25	\$5.09	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 61.547
1/9/25	\$4.17	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 50.422
1/10/25	\$4.17	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 50.422
1/11/25	\$4.57	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 55.259
1/12/25	\$4.78	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 57.798
1/13/25	\$4.84	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 58.524
1/14/25	\$4.78	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 57.798
1/15/25	\$4.84	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 58.524
1/16/25	\$4.89	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 59.128
1/17/25	\$4.70	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 56.831
1/18/25	\$10.37	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 125.391
1/19/25	\$10.37	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 125.391
1/20/25	\$10.37	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 125.391
1/21/25	\$10.37	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 125.391
1/22/25	\$5.63	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 68.076
1/23/25	\$4.36	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 52.720
1/24/25	\$4.41	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 53.324
1/25/25	\$4.18	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 50.543
1/26/25	\$4.02	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 48.608
1/27/25	\$4.02	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 48.608
1/28/25	\$4.02	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 48.608
1/29/25	\$3.75	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 45.344
1/30/25	\$3.54	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 42.804
1/31/25	\$3.36	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 40.628
Average	\$5.46	65.00	785.9579	785,957,900	12091.66	12091.66	\$ 66.077

December Average \$ 66.077 \$/MwH
December Lowest Gas Price \$ 40.628 \$/MwH

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

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF COAL PURCHASED FOR FUEL CLAUSE BACKUP
January 31, 2025**

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	10,761.29	11,505	247,624.96	46.2200	200.8630	9.0759	39.4421	55.2959	240.3050	2.86	8.83	12.09
Knight Hawk - 1241	P	25-001	B	U	IL	17,070.97	11,166	381,238.73	40.1282	179.6846	9.0759	40.6397	49.2041	220.3243	2.98	8.41	13.30
Alliance - 1242	P	25-002	B	U	WKY	33,635.39	11,419	768,155.42	47.3706	207.4227	9.0759	39.7408	56.4465	247.1635	2.90	9.09	12.51
Total Contract						61,467.65	11,364	1,397,019.10	45.1578	198.6904	9.0759	39.9332	54.2337	238.6236	2.92	8.86	12.66
SPOT CONTRACT																	
Total Spot						0.00	-	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
TOTAL WILSON STATION																	
						61,467.65	11,364	1,397,019.10	45.1578	198.6904	9.0759	39.9332	54.2337	238.6236	2.92	8.86	12.66
TOTAL BIG RIVERS SYSTEM																	
						61,467.65	11,364	1,397,019.10	45.1578	198.6904	9.0759	39.9332	54.2337	238.6236	2.92	8.86	12.66

**BIG RIVERS ELECTRIC CORPORATION
ANALYSIS OF PET COKE PURCHASED FOR FUEL CLAUSE BACKUP
January 31, 2025**

STATION & SUPPLIER (a)	PBDU (b)	POCN (c)	MT (d)	State Code	Tons Purchased (e)	BTU Per Lb. (f)	No. MMBTU Per Ton (g)	F.O.B. Mine \$ Per Ton (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
January 31, 2025**

Fuel & Supplier (a)	P B D U (b)	P O C N (c)	M T (d)	Station Name (e)	Gal. or MMBtu Purchased (f)	BTU Per Unit (g)	Delivered Cost(\$) (h)	Cents per MMBTU (i)	% Sulfur (j)
<u>Oil - Start-up & Flame Stabilization</u>									
#2 Diesel - Heritage Petroleum, LLC	D	P.O. 278146	T	Wilson	174,903.00	138,000	\$ 402,668.68	0.0167	N/A
					<u>174,903.00</u>		<u>\$ 402,668.68</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	30,000.00	1,000,000	\$ 123,000.00	0.0041	N/A
ECO-Energy (3)	P	BRE-22-G07	P	Green	92,213.00	1,000,000	\$ 386,496.95	0.0042	N/A
Twin Eagle Resource Mangement, LLC (3)	P	BRE-24-G02	P	Green	40,426.00	1,000,000	\$ 140,270.30	0.0035	N/A
Tenaska Marketing Ventures (3)	P	BRE-11-G06	P	Green	75,000.00	1,000,000	\$ 296,900.00	0.0040	N/A
NRG Business Marketing LLC (3)	P	BRE-22-G08	P	Green	133,112.00	1,000,000	\$ 574,995.27	0.0043	N/A
Texas Gas Transmission (3)	P	BRE 10-G01	P	Green	-	1,000,000	\$ 231,211.07	0.0000	N/A
Fuel Qtv and Pipe Imbalance (2)	P			Green	(849.00)	1,000,000	\$ -	0.0000	N/A
					<u>369,902.00</u>	1,000,000	<u>\$ 1,752,873.59</u>	0.0047	N/A

Footnotes:

- (1) BREC purchased and used 0 MMBtu for the Reid CT in January 2025.
- (2) Gas quantity cuts from scheduled gas and +/- pipe imbalance beg/end of month.
- (3) BREC purchased 369,902 MMBtu for Green Unit 1 & 2 in January 2025.

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

(c) POCN = Purchase Order or
 Contract Number

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

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Reid

For the Month of: January 31, 2025

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: January 31, 2025

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)	(79)	(79)	(158)
	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: January 31, 2025

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)	70	74	144
	c. Net Demonstrated Capability (MW)	231	223	454
	d. Net Capability Factor(L1b/L1c) (%)	30.3%	33.2%	31.7%
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	0	0	0
	b. Gross Generation (MWH)	10,444	19,585	30,029
	c. Net Generation (MWH)	7,602	15,514	23,116
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	0	0
3.	Operation Availability:			
	a. Hours Unit Operated	108.4	209.6	318.0
	b. Hours Available	239.4	733.7	973.1
	c. Hours During the Period	744.0	744.0	1,488.0
	d. Availability Factor(L3b/L3c) (%)	32.2%	98.6%	65.4%
4.	Cost Per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0563	0.0595	0.0584
	b. Net Generation - FAC Basis (cents/KWH)	0.0774	0.0751	0.0758
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: January 31, 2025

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)	366	366
	c. Net Demonstrated Capability (MW)	417	417
	d. Net Capability Factor(L1b/L1c) (%)	87.8%	87.8%
2.	Heat Rate:		
	a. BTU Consumed (MMBTU)	2,872,751	2,872,751
	b. Gross Generation (MWH)	260,803	260,803
	c. Net Generation (MWH)	239,309	239,309
	d. Heat Rate(L2a/L2c) (BTU/KWH)	12,004	12,004
3.	Operation Availability:		
	a. Hours Unit Operated	653.7	653.7
	b. Hours Available	653.7	653.7
	c. Hours During the Period	744.0	744.0
	d. Availability Factor(L3b/L3c) (%)	87.9%	87.9%
4.	Cost Per KWH:		
	a. Gross Generation - FAC Basis (cents/KWH)	0.0230	0.0230
	b. Net Generation - FAC Basis (cents/KWH)	0.0250	0.0250
5.	Inventory Analysis:		
	a. Number of Days Supply based on actual burn at the station (1)	115	115

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.