



201 Third Street  
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www.bigrivers.com

January 05, 2022

RECEIVED

JAN 05 2022

PUBLIC SERVICE  
COMMISSION

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

RE: Big Rivers Electric Corporation  
Fuel Adjustment Clause (FAC)  
Form B Support for Expense Month November 2021

Dear Executive Director:

Enclosed is Big Rivers' Form B in support of the FAC filing for the month ending November 30, 2021.

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: Mr. Paul Smith, Chief Financial Officer  
Mr. Greg Grissom, Jackson Purchase Energy Corporation  
Mr. Jeff Hohn, Kenergy Corp.  
Mr. Marty Littrel, Meade County RECC  
Mr. Tyson Kamuf, Esq., Corporate Attorney

## Company: BIG RIVERS ELECTRIC CORPORATION

## FUEL INVENTORY SCHEDULE

Plant: HMP&amp;L Station Two, Green and Wilson

Month Ended: November 30, 2021

<u>Fuel Coal</u>					
<u>HMP&amp;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	\$42.5344
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	0.00	0.00	0.0000 ¢	0.00	\$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	\$2,647,751.20	1,352,125.68	195.8214 ¢	58,706.74	\$45.1013
Purchases (1)	12,003,703.55	3,339,936.68	359.3991 ¢	147,806.63	\$81.2122
Sub-total	14,651,454.75	4,692,062.36	312.2604 ¢	206,513.37	\$70.9468
Less Fuel Burned	9,730,957.72	3,116,295.37	312.2604	137,158.59	\$70.9468
Physical Inventory Adjustment	-	-	0.0000	-	\$0.0000
Ending Inventory	\$4,920,497.03	1,575,766.99	312.2604 ¢	69,354.78	\$70.9468
<u>Wilson</u>					
	<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	\$4,656,147.15	2,398,727.00	194.1091 ¢	101,982.66	\$45.6563
Purchases (1)	4,485,441.66	2,305,624.78	194.5434 ¢	97,283.47	\$46.1069
Sub-total	9,141,588.81	4,704,351.78	194.3220 ¢	199,266.13	\$45.8763
Less Fuel Burned	5,252,891.88	2,703,190.50	194.3219 ¢	114,501.26	\$45.8763
Physical Inventory Adjustment	-	-	0.0000	-	\$0.0000
Ending Inventory	\$3,888,696.93	2,001,161.28	194.3220 ¢	84,764.87	\$45.8763
<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)	757,671.08	559,457.72	135.4296 ¢	25,744.79	\$29.4301
Total Combined Inventory	\$9,566,865.04	4,136,385.99	231.2856 ¢	179,864.44	\$53.1893

## Footnotes:

(1) There was 1 barge repair invoice and 1 barge inspection invoice for November 2021 (\$18,173.91 BKO-209, \$2,905.43 Inspection). Fuel charges are allocated on tons unloaded during the current month to the stations. Green Station received barged coal in November 2021, therefore the 5/3rd and EMS charges were applied to Green Station. The fuel cost for November 2021 was \$3.228446169 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 November 2021 was 19,247.96 tons for Green Station and 6,496.83 tons for Wilson Station.

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

Plant: Reid CT, HMP&amp;L Station Two

Month Ended: November 30, 2021

Fuel No. 2 Fuel OilReid Combustion Turbine

	Units (Gal.)	Amount	Amount Per Unit
Beginning Inventory	83,050.00	\$186,654.92	224.7501 ¢
Purchases	99,994.00	258,288.51	258.3040 ¢
Adjustments(1)	(199.00)	(483.73)	243.0804 ¢
Sub Total	182,845.00	444,459.70	243.0800 ¢
Transfers Out - CT Tanks(2)	52,965.00	128,747.34	243.0800 ¢
Less Fuel Burned-Jurisdictional Non Jurisdictional	0.00	0.00	0.0000 ¢ 0.0000 ¢
	129,880.00	\$315,712.36	243.0800 ¢

Reid/Station Two

	Units (Gal.)	Amount	Amount Per Unit
Beginning Inventory	1,581.00	\$3,376.04	213.5383 ¢
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	1,581.00	3,376.04	213.5383 ¢
Other Uses	0.00	0.00	0.0000 ¢ 0.0000 ¢
Less Fuel Burned Jurisdictional	0.00	0.00	0.0000 ¢
Less Fuel Burned Jurisdictional-Reid Station (4) Non Jurisdictional			0.0000 ¢ 0.0000 ¢
Ending Inventory	1,581.00	\$3,376.04	213.5383 ¢

**Footnotes:**

(1) True-up of Book to Physical Measurement for November 2021.

(2) Transfer out of fuel oil from Reid Combustion Turbine to Green tank at Sebree Station November 2021.

(3) There was no transfer of fuel oil from the Reid Combustion Turbine to the Reid/Station Two 50k fuel oil tank.

(4) Reid/Station Two reflects the 50,000 gallon tank used for Reid Station, and charged to Jurisdictional.

## Company: BIG RIVERS ELECTRIC CORPORATION

## FUEL INVENTORY SCHEDULE

Plant: Reid, Green and Wilson

Month Ended: November 30, 2021

Fuel No. 2 Fuel Oil  
Green

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	47,440.00	\$101,472.91	213.8974	¢
Adjustments (1)	0.00	0.00	0.0000	¢
Purchases	0.00	0.00	0.0000	¢
Transfers In - CT Tanks(2)	52,965.00	128,747.34	243.0800	¢
Sub-Total	100,405.00	230,220.25	229.2916	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	66,143.00	151,660.35	229.2916	¢
			0.0000	¢
Ending Inventory	34,262.00	\$78,559.90	229.2916	¢

Wilson

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	249,592.57	\$526,520.35	210.9519	¢
Adjustments	0.00	0.00	0.0000	¢
Purchases	149,996.00	390,145.66	260.1040	¢
Sub-Total	399,588.57	916,666.01	229.4025	¢
Less Fuel Burned-Jurisdictional Non-Jurisdictional	50,468.05	115,774.95	229.4025	¢
			0.0000	¢
Ending Inventory	349,120.52	800,891.06	229.4025	¢

Reid/Green - Coal Handling

	Units (Gal.)	Amount	Amount Per Unit	
Beginning Inventory	10,513.19	\$25,630.28	243.7917	¢
Adjustments	0.00	0.00	0.0000	¢
Purchases	0.00	0.00	0.0000	¢
Sub-Total	10,513.19	25,630.28	243.7917	¢
Coal Handling Usage - O&M - Non-Jurisdictional (3)	1,910.50	4,657.64	243.7917	¢
			0.0000	¢
Ending Inventory	8,602.69	\$20,972.64	243.7917	¢
Total Combined Inventory	523,446.21	\$1,219,512.00	232.9775	¢

**Footnotes:**

- (1) There was not a transfer of fuel oil from Reid/HMP&L Station Two 50k fuel oil tank to Green tank at Sebree Station November 2021.  
 (2) Transfer in of fuel oil from Combustion Turbine tank to the Green Station fuel oil tank November 2021.  
 (3) Coal Handling usage of fuel oil that is not used for direct generation of electricity in November 2021.

Company: BIG RIVERS ELECTRIC CORPORATION

## FUEL INVENTORY SCHEDULE

Plant: Reid Combustion Turbine

Month Ended: November 30, 2021

Fuel: Natural Gas

Reid Combustion Turbine

	Units (MMBtu)	Amount	Amount Per Unit	
Beginning Inventory	0.00	\$0.00	0.0000	MMBtu
Purchases (1)	4,139.00	25,149.65	6.0763	MMBtu
Purchase Adjustment (2)	0.00	0.00	0.0000	MMBtu
Sub total	4,139.00	25,149.65	6.0763	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)	4,139.00	25,149.65	6.0763	MMBtu
Ending Inventory	0.00	\$0.00	0.0000	MMBtu

**Footnotes:**

(1) BREC used 4,139 MMBtu in November 2021. BREC had transportation and storage costs in the amount of \$3,337.83 from Texas Gas Transmission LLC in November 2021 and purchases in the amount of \$21,811.82 from CIMA.

Month Ended: November 30, 2021

Form B

Company: BIG RIVERS ELECTRIC CORPORATION

POWER TRANSACTION SCHEDULE

Company:					BIG RIVERS ELECTRIC CORPORATION					
					Billing Components					
Company		Purpose	System Average(\$)	Type of Transaction	Kwh	Demand/ Capacity(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)	
<b>Purchases</b>										
	MISO	Unscheduled Outages < 6 Hours:		Non-Displacement	1,162,000	\$0	\$34,161	\$9,156	\$43,297	
	MISO	Available for system		Non-Displacement	21,163,860	\$0	\$621,809	\$423,144	\$1,044,954	
	KY National Guard	Available for system		Non-Displacement	60,354	\$0	\$0	\$1,275	\$1,275	
	SEPA	Available for system		Non-Displacement	16,022,000	\$660,960	\$0	\$0	\$660,960	
SUB-TOTAL(1)		Net Energy Cost - Economy Purchases			38,408,014	\$660,960	\$655,950	\$433,575	\$1,750,486	
	MISO	Scheduled Outages:		Non-Displacement	0	\$0	\$0	\$0	\$0	
	MISO	Domestic Purchases		Back-up	7,489,093	\$0	\$220,037	\$304,995	\$525,032	
Footnote 1	MISO(Indiana Hub)	Inter-system Sales Purchases		Back-2-Back	4,199,000	\$0	\$123,371	\$143,155	\$266,526	
	MISO	Cover Load & Leak of Generation		Non-Displacement	12,071	\$0	\$355	\$4,304	\$4,659	
SUB-TOTAL(2)		Identifiable fuel cost (Total Other Purchases)			11,700,164	\$0	\$343,763	\$452,454	\$796,217	
	MISO	Purchases for Forced Outages (> 6 hrs.):		Non-Displacement	25,998,461	\$0	\$763,861	\$840,794	\$1,604,655	
SUB-TOTAL(3)		Identifiable fuel cost (substitute for Forced Outages)			25,998,461	\$0	\$763,861	\$840,794	\$1,604,655	
TOTAL(4)		Total Purchased Power			76,106,639	\$660,960	\$1,763,574	\$1,726,824	\$4,151,357	
					76,106,639	\$660,960	\$1,763,574	\$1,726,824	\$4,151,357	
<b>Sales</b>										
Footnote 2		Purchase of Power:								
SUB-TOTAL(1)		DTE/EDF/NextEra/Morgan Stanley	Indiana Hub(BTB)	\$29,381(System Average)	MISO (BTB)	4,199,000	\$0	\$123,371	\$2,624,880	\$2,748,251
					4,199,000	\$0	\$123,371	\$2,624,880	\$2,748,251	
	Footnote 2	Generation:								
Footnote 2	MISO:	BREC	\$29,381(System Average)	Coal-Petcoke Fired	355,807,625	\$0	\$10,453,984	\$3,173,021	\$13,627,004	
	HMP&L	BREC	\$29,381(System Average)	Coal-Petcoke Fired	0	\$0	\$0	\$5,734	\$5,734	
SUB-TOTAL(2)					355,807,625	\$0	\$10,453,984	\$3,178,754	\$13,632,738	
LOSSES ACROSS OTHER SYSTEMS(NOT BILLED) (Footnote 3)					2,069,796	\$0	\$0	\$0	\$0	
TOTAL(3)					372,076,421	\$0	\$10,577,355	\$5,803,634	\$16,380,989	
	Interchange In				47,097,817	\$0	\$0	\$0	\$0	
	Interchange Out				2,715,445	\$0	\$0	\$0	\$0	
	Net Interchange				7,382,172	\$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 \$2,624,879.78 and is shown as other charges under the purchased power section of sales.

Footnote 2: Fuel costs on both purchases and inter-system sales are based on BREC system weighted average of \$29.381 mills. There was a true-up of total energy dollars of (\$53,166.52) in November 2021 from the \$55 September 2021 resettlement.

There was no impact to volume from the true-up made in November 2021 for September 2021 \$55 resettlement. HMP&L was also invoiced \$5,733.81 for Auxiliary Power for November 2021.

Footnote 3: The calculated line losses for November 2021 activity was 12,069,796

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	MWh Cost Over	Total Cost Over
11/1-11/30		7,489.093	\$ 70.106	\$ 525,032.22			Domtar	Back-Up Power	\$ 241.327	\$ -	\$ -
		7,489.093	\$ -	\$ 525,032.22				Back-Up Power Total			\$ -
11/1-11/30			\$ -	\$ -			SIPC	Cong/Loss Rebates	\$ 241.327	\$ -	\$ -
			\$ -	\$ -				Cong/Loss Rebates Total			\$ -
11/1-11/30			\$ -	\$ -			SIPC	DA RSG	\$ 241.327	\$ -	\$ -
			\$ -	\$ -				DA RSG Total			\$ -
11/1	HE 1-24	1,737.905	\$ 68.179	\$ 118,488.11	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/2	HE 1	8,840	\$ 48.716	\$ 430.65	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/2	HE 10-22	198.052	\$ 74.346	\$ 14,724.35	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/2	HE 24	15.154	\$ 54.714	\$ 829.12	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/3	HE 1-5	40.677	\$ 68.686	\$ 2,793.92	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/3	HE 7	28.781	\$ 101.719	\$ 2,927.61	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/3	HE 14	4.727	\$ 67.950	\$ 321.18	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/3	HE 16-18	7.891	\$ 74.113	\$ 584.84	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/3	HE 20-24	26.210	\$ 83.838	\$ 2,197.42	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/4	HE 1-10	115.432	\$ 82.515	\$ 9,524.85	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/4	HE 18-21	19,413	\$ 121.776	\$ 2,363.99	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/5	HE 7-8	3.702	\$ 158.439	\$ 586.59	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/5	HE 10	1,827	\$ 50.203	\$ 81.68	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/5	HE 14-18	44.228	\$ 58.487	\$ 2,586.75	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/6	HE 1-12	271.578	\$ 75.357	\$ 20,519.53	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/6	HE 15-19	16,423	\$ 55.120	\$ 1,070.59	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/6	HE 21-24	88.335	\$ 76.582	\$ 5,233.26	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/7	HE 1-17	605.331	\$ 62.784	\$ 38,005.27	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/7	HE 19-24	111.886	\$ 58.708	\$ 6,568.56	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/8	HE 1	15.132	\$ 43.943	\$ 664.94	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/8	HE 3-5	107.348	\$ 40.092	\$ 4,303.75	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/8	HE 8-17	214.753	\$ 52.361	\$ 11,244.71	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/8	HE 19-24	66.063	\$ 43.399	\$ 2,867.11	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/9	HE 1-5	940.659	\$ 34.496	\$ 32,448.83	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/9	HE 8-17	136.455	\$ 65.014	\$ 8,871.45	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/9	HE 19-24	207.280	\$ 44.278	\$ 9,178.00	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/10	HE 1-7	655.257	\$ 29.490	\$ 19,323.41	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/10	HE 9-16	249.234	\$ 44.631	\$ 11,123.49	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/10	HE 19-22	70.332	\$ 50.585	\$ 3,557.73	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/10	HE 24	45.517	\$ 34.603	\$ 1,575.03	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/11	HE 1-5	854.629	\$ 33.586	\$ 28,703.32	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/11	HE 7-24	1,777.333	\$ 35.923	\$ 63,846.54	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/12	HE 1	2.774	\$ 29.722	\$ 82.44	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/12	HE 8-22	598.500	\$ 47.023	\$ 28,143.43	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/12	HE 24	30.658	\$ 47.065	\$ 1,442.84	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/13	HE 2-5	124.787	\$ 40.125	\$ 5,007.03	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/13	HE 9-24	420.206	\$ 53.417	\$ 22,445.95	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/14	HE 1-5	92.048	\$ 52.139	\$ 4,846.25	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/14	HE 10-24	522.393	\$ 57.707	\$ 30,145.83	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/15	HE 1-16,18-24	1,216.143	\$ 67.772	\$ 82,420.22	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/16	HE 1-2	8.749	\$ 34.279	\$ 334.17	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/16	HE 8-16	85.624	\$ 48.566	\$ 4,158.42	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/16	HE 19-24	178.445	\$ 77.229	\$ 13,781.10	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/19	HE 1-5	110.215	\$ 57.684	\$ 6,357.64	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/19	HE 8-15	197.252	\$ 64.709	\$ 12,764.02	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/19	HE 19-24	94.684	\$ 57.132	\$ 5,409.48	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/20	HE 1-3	19.184	\$ 55.299	\$ 1,060.84	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/20	HE 5	5.431	\$ 61.571	\$ 334.38	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/20	HE 8-14	98.465	\$ 67.445	\$ 6,708.41	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/20	HE 18	1.404	\$ 50.313	\$ 70.66	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/20	HE 19-24	41.628	\$ 60.665	\$ 2,525.27	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/21	HE 1-24	2,933.816	\$ 50.911	\$ 149,363.56	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/22	HE 13,19-20	25.528	\$ 71.336	\$ 1,821.08	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/24	HE 7-17	747.144	\$ 44.584	\$ 33,310.58	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/25	HE 4-22	1,844.092	\$ 37.082	\$ 68,382.45	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/25	HE 24	56.751	\$ 35.981	\$ 2,098.67	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/26	HE 1-16	1,477.217	\$ 36.989	\$ 54,640.41	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/26	HE 19-24	170.010	\$ 57.229	\$ 9,729.57	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/27	HE 1-4	31.992	\$ 52.675	\$ 1,685.17	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/27	HE 10-16	121.744	\$ 43.516	\$ 5,297.80	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/27	HE 21-24	49.372	\$ 48.929	\$ 2,415.74	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/28	HE 1-11	979.375	\$ 47.737	\$ 46,752.02	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/28	HE 13-14	21.258	\$ 36.259	\$ 770.81	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/28	HE 20-24	82.982	\$ 54.271	\$ 4,503.55	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/29	HE 1-2	7.721	\$ 47.373	\$ 365.77	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -
11/29	HE 9-10	24.258	\$ 80.632	\$ 1,955.80	Buy	Power	Real Time	MISO	Economic	\$ 241.327	\$ -

(3)



DATE	HE	MWh	PRICE	TOTAL Cost	Execution	Counterparty	REASON FOR PURCHASE	Highest Cost Unit	MWh Cost Over Highest Cost Unit	Total Cost Over Highest Cost Unit
11/28	HE 20-24	89.734	\$ 89.995	\$ 6,275.77	Buy	Power Real Time MISO	Economic	\$ 241.327	\$ -	\$ -
		21,183.660		\$ 1,044,953.69			Economic Total			
11/11	HE 14-18	1,182.000	\$ 37.260	\$ 43,296.57	Buy	Power Real Time MISO	G1 - UO1 (21-13)	\$ 241.327	\$ -	\$ -
		1,182.000		\$ 43,296.57			G1 - UO1 (21-13) Total (FO>6)			
11/21	HE 20-24	1,011.073	\$ 43.941	\$ 44,427.58	Buy	Power Real Time MISO	G1 - UO2 (21-14)	\$ 241.327	\$ -	\$ -
11/22	HE 1-24	5,180.869	\$ 71.424	\$ 371,179.58	Buy	Power Real Time MISO	G1 - UO2 (21-14)	\$ 241.327	\$ -	\$ -
11/23	HE 1-15	323.705	\$ 111.526	\$ 36,101.59	Buy	Power Real Time MISO	G1 - UO2 (21-14)	\$ 241.327	\$ -	\$ -
11/23	HE 20-24	46.190	\$ (31.933)	\$ (1,497.02)	Buy	Power Real Time MISO	G1 - UO2 (21-14)	\$ 241.327	\$ -	\$ -
11/24	HE 5-6	172.515	\$ 55.475	\$ 9,570.35	Buy	Power Real Time MISO	G1 - UO2 (21-14)	\$ 241.327	\$ -	\$ -
		8,751.043		\$ 459,782.08			G1 - UO2 (21-14) Total (FO>6)			
11/1 11/30		1,200.000	\$ 58.566	\$ 70,279.50		SIPC	MISO Energy Charges - SIPC	\$ 241.327	\$ -	\$ -
		1,200.000		\$ 70,279.50			MISO Energy Charges - SIPC Total			
11/1 11/30		-	\$ -	\$ (0.04)			PJM Fees	\$ 241.327	\$ -	\$ -
		-		\$ (0.04)			PJM Fees Total			
11/1 11/30		2,999.000	\$ 65.437	\$ 196,246.52		SIPC/AECI	SIPC/AECI GFA Transactions	\$ 241.327	\$ -	\$ -
		2,999.000		\$ 196,246.52			SIPC/AECI GFA Transactions Total			
11/4	HE 7	7.411	\$ 277.223	\$ 2,054.63	Buy	Power Real Time MISO	To cover load and lack of gen	\$ 241.327	\$ 35.896	\$ 266.04
11/28	HE 8	4.860	\$ 558.814	\$ 2,604.05	Buy	Power Real Time MISO	To cover load and lack of gen	\$ 241.327	\$ 317.487	\$ 1,479.48
		12.071		\$ 4,658.68			To cover load and lack of gen Total			\$ 1,745.52
11/16	HE 4-24	958.982	\$ 53.318	\$ 51,130.66	Buy	Power Real Time MISO	W1 - UO0 (21-17)	\$ 241.327	\$ -	\$ -
11/17	HE 0-13	251.000	\$ 32.590	\$ 8,180.20	Buy	Power Day Ahead MISO	W1 - UO0 (21-17)	\$ 241.327	\$ -	\$ -
11/17	HE 22-24	80.000	\$ 38.696	\$ 3,121.74	Buy	Power Day Ahead MISO	W1 - UO0 (21-17)	\$ 241.327	\$ -	\$ -
11/17	HE 1-3	534.799	\$ 37.831	\$ 20,232.16	Buy	Power Real Time MISO	W1 - UO0 (21-17)	\$ 241.327	\$ -	\$ -
		1,804.781		\$ 81,864.76			W1 - UO0 (21-17) Total (FO>6)			
11/14	HE 14-24	3,885.597	\$ 62.678	\$ 242,287.38	Buy	Power Real Time MISO	W1 - UO1 (21-18)	\$ 241.327	\$ -	\$ -
11/15	HE 1-24	10,002.063	\$ 63.434	\$ 634,472.80	Buy	Power Real Time MISO	W1 - UO1 (21-18)	\$ 241.327	\$ -	\$ -
11/16	HE 1-23	1,104.000	\$ 40.293	\$ 44,483.76	Buy	Power Day Ahead MISO	W1 - UO1 (21-18)	\$ 241.327	\$ -	\$ -
11/16	HE 1-3	187.073	\$ 63.974	\$ 10,688.33	Buy	Power Real Time MISO	W1 - UO1 (21-18)	\$ 241.327	\$ -	\$ -
		15,138.733		\$ 931,932.27			W1 - UO1 (21-18) Total (FO>6)			
11/22	HE 1-11	2,303.904	\$ 56.893	\$ 131,075.44	Buy	Power Real Time MISO	W1 - UO1 (21-18)	\$ 241.327	\$ -	\$ -
		2,303.904		\$ 131,075.44			W1 - UO1 (21-18) Total (FO>6)			
		60,024.285		\$ 3,489,121.70			Grand Total			\$ 1,745.52
	Plus: SEPA	16,022.000		\$ 660,960.24						
	Plus: KY National Guard	60.354		\$ 1,275.28						
	<b>Total Purchased Power</b>	<b>76,106.639</b>		<b>\$ 4,151,357.22</b>						

Recon to Nodal (57):

Total MISO Purchased Power (Above):	60,024.285	\$ 3,489,121.70
Less: Purchases for Dmtar Back Up Power	7,489.093	\$ 525,032.22
Less: SIPC Charges	1,200.000	\$ 70,279.50
Less: SIPC GFA Transactions	2,999.000	\$ 196,246.52
Less: AECI Transactions	-	\$ (0.04)
<b>Total MISO Purchases Above (Excl. SIPC &amp; Dmtar):</b>	<b>48,336.192</b>	<b>\$ 2,697,563.50</b>
<b>Total MISO Purchased Power per S7 Nodal Report:</b>	<b>48,336.192</b>	<b>\$ 2,697,563.50</b>
<b>Difference:</b>		<b>\$ 0.00</b>

(A) Total Purchases over Highest Cost Unit	\$ 1,745.52
(1) Purchases above Highest Cost Unit for Forced Outages > 8 hours	\$ -
(2) Purchases above Highest Cost Unit for B-T-B Purchases	\$ -
(3) Purchases above Highest Cost Unit for Dmtar Purchases	\$ -
(4) Purchases above Highest Cost Unit for Outages < 8 hours	\$ 1,745.52
(5) Total Purchases above Highest Cost Unit (A)-(1) (For Form A Filing)	\$ -



**BIG RIVERS ELECTRIC CORPORATION  
FUEL BURNED**

**MONTH OF 11/30/21**

		<u>TON/GAL/MCF</u>	<u>Cost</u>	<u>Gross KWH</u>	<u>TRUE NET KWH</u>	<u>Mills/KWH</u>
<b>Reid</b>			\$ -	0	(933,991)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
<b>C1</b>			\$ -	0	(61,031)	0.000
	Coal	-	\$ -			
	Gas	-	\$ -			
	Propane	-	\$ -			
<b>C2</b>			\$ -	0	(61,032)	0.000
	Coal	-	\$ -			
	Gas	-	\$ -			
	Propane	-	\$ -			
<b>C3</b>			\$ -	0	(61,032)	0.000
	Coal	-	\$ -			
	Gas	-	\$ -			
	Propane	-	\$ -			
<b>Coleman</b>			\$ -	0	(183,095)	0.000
	Coal	-	\$ -			
	Gas	-	\$ -			
	Propane	-	\$ -			
<b>Gas Turbine</b>			\$ 25,149.65	198,435	104,214	241.327
	Oil	-	\$ -			
	Gas	4,020.00	\$ 25,149.65			
<b>Wilson</b>			\$ 5,368,666.83	268,853,820	249,510,690	21.517
	Coal	114,501.26	\$ 5,252,891.88			
	PetCoke	-	\$ -			
	Oil	50,468.05	\$ 115,774.95			
<b>H1 (net of city take)</b>			\$ -	0	(206,634)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
<b>H2 (net of city take)</b>			\$ -	0	(206,634)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
<b>Station Two</b>			\$ -	0	(413,268)	0.000
	Coal	-	\$ -			
	Oil	-	\$ -			
<b>G1</b>			\$ 4,769,165.43	151,702,802	137,277,682	34.741
	Coal	66,169.74	\$ 4,694,528.72			
	PetCoke	-	\$ -			
	Oil	32,551.00	\$ 74,636.71			
<b>G2</b>			\$ 5,113,452.64	159,487,305	145,115,861	35.237
	Coal	70,988.85	\$ 5,036,429.00			
	PetCoke	-	\$ -			
	Oil	33,592.00	\$ 77,023.64			
<b>Green</b>			\$ 9,882,618.07	311,190,107	282,393,543	34.996
	Coal	137,158.59	\$ 9,730,957.72			
	PetCoke	-	\$ -			
	Oil	66,143.00	\$ 151,660.35			
<b>SYSTEM TOTAL</b>			\$ 15,276,434.55	580,242,362	530,478,093	28.797
<b>Line Losses</b>					<b>12,069,796</b>	
<b>System Average</b>					<b>518,408,297</b>	<b>29.468</b>
Less: Energy Used by Idled/Retired Units (Coleman, Reid & Station 2)					<b>(1,530,354)</b>	
<b>Total (Net of Line Losses &amp; Energy Used by Idled Units)</b>					<b>519,938,651</b>	<b>29.381</b>

Coal	\$ 14,983,849.60
Pet Coke	\$ -
Oil	\$ 267,435.30
Gas	\$ 25,149.65
Propane	\$ -
	<u>\$ 15,276,434.55</u>

**Reid Combustion Turbine  
November 30, 2021**

<b>Date</b>	<b>Service Hours</b>	<b>Net MWh</b>	<b>MCF</b>	<b>Gas Cost</b>	<b>Natural Gas Cost</b>	<b>Texas Gas Transportation</b>	<b>Total Cost</b>	<b>\$MWh</b>
11/2/2021	0.000		979					
11/3/2021	5.630		1347					
11/21/2021	1.700		709					
11/22/2021	2.280		1070					
	9.610	104.214	4,105	\$ 6.13	\$ 21,811.82	\$ 3,337.83	\$ 25,149.65	\$ 241.33

The Reid Combustion Turbine (CT) was placed in Automatic Dispatch System on November 3rd, 21st & 22nd, 2021. MISO called upon the Reid CT 9.610 hours. The Reid CT was available 721 hours.

**BIG RIVERS ELECTRIC CORPORATION**  
**ANALYSIS OF COAL PURCHASED FOR FUEL CLAUSE BACKUP**  
November 30, 2021

STATION & SUPPLIER (a)	PBDU (b)	POCN (c)	MT (d)	Mine Type	State Code	Tons Purchased (e)	BTU Per Lb. (f)	No. MMBTU Per Ton (g)	F.O.B. Mine \$ Per Ton (h)	¢ Per MMBTU (i)	Transportation Cost \$ Per Ton (j)	¢ Per MMBTU (k)	Delivered Cost \$ Per Ton (l)	¢ Per MMBTU (m)	% SO <sub>2</sub> (n)	% Ash (o)	% H <sub>2</sub> O (p)
<b>STATION NAME - Green</b>																	
<b>LONG TERM CONTRACT</b>																	
Alliance - 938	P	19-003A	B	S	WKY	19,710.67	11,589	456,873.19	40.4132	174.3528	3.2284	13.9283	43.6416	188.2812	2.94	9.27	11.30
Alliance - 958	P	19-003A	B	S	WKY	13,447.37	11,524	309,938.96	39.6839	172.1772	3.2284	14.0073	42.9123	186.1845	2.97	9.27	11.60
<b>Total Contract</b>						<b>33,158.04</b>	<b>11,563</b>	<b>766,812.14</b>	<b>40.1174</b>	<b>173.4734</b>	<b>3.2284</b>	<b>13.9603</b>	<b>43.3459</b>	<b>187.4337</b>	<b>2.95</b>	<b>9.27</b>	<b>11.42</b>
<b>SPOT CONTRACT</b>																	
Foresight Coal - 974	P	21-001	B	U	IL	29,685.97	10,621	630,581.74	28.5197	134.2625	3.2284	15.1986	31.7481	149.4611	3.43	8.08	16.89
Alliance - 982	P	21-005	B	S	WKY	19,630.75	11,587	454,906.86	53.1289	229.2689	3.2284	13.9318	56.3573	243.2008	2.94	9.25	11.27
Knight Hawk - 980	P	21-003	B	U	IL	22,657.42	11,285	511,370.59	33.4526	148.2192	10.4529	46.3140	43.9055	194.5333	2.94	8.12	13.01
Coal Network - 987	P	21-006	B	S	WKY	3,119.28	10,035	62,604.55	58.2030	289.9972	10.2700	51.1704	68.4730	341.1676	0.88	20.31	9.59
Alliance -992	P	21-009	B	U	IL	39,555.17	11,549	913,660.80	181.5579	786.0197	3.2284	13.9769	184.7863	799.9966	2.93	9.33	11.38
<b>Total Spot</b>						<b>114,648.59</b>	<b>11,222</b>	<b>2,573,124.54</b>	<b>87.3159</b>	<b>389.0465</b>	<b>4.8478</b>	<b>21.5998</b>	<b>92.1637</b>	<b>410.6462</b>	<b>3.01</b>	<b>9.05</b>	<b>13.06</b>
<b>TOTAL GREEN STATION</b>						<b>147,806.63</b>	<b>11,298</b>	<b>3,339,936.68</b>	<b>76.7277</b>	<b>339.5533</b>	<b>4.4845</b>	<b>19.8458</b>	<b>81.2122</b>	<b>359.3991</b>	<b>3.00</b>	<b>9.10</b>	<b>12.69</b>
<b>STATION NAME - Wilson</b>																	
<b>LONG TERM CONTRACT</b>																	
American Consolidated Natural Resources - 970	P	19-002A	T	U	WKY	43,578.46	11,895	1,036,743.90	44.5563	187.2921	1.2500	5.2544	45.8063	192.5465	3.06	9.14	10.03
American Consolidated Natural Resources - 971	P	19-002A	T	U	WKY	13,592.15	11,863	322,489.92	45.8670	193.3180	1.2500	5.2684	47.1170	198.5885	3.00	9.12	10.48
American Consolidated Natural Resources - 972	P	20-001A	T	U	WKY	33,639.09	11,910	801,284.26	45.0220	189.0090	1.4500	6.0873	46.4720	195.0963	3.11	9.40	9.72
<b>Total Contract</b>						<b>90,810.70</b>	<b>11,896</b>	<b>2,160,518.08</b>	<b>44.9250</b>	<b>188.8283</b>	<b>1.3241</b>	<b>5.5654</b>	<b>46.2491</b>	<b>194.3937</b>	<b>3.07</b>	<b>9.23</b>	<b>9.98</b>
<b>SPOT CONTRACT</b>																	
Knight Hawk - 981	P	21-003	B	U	IL	6,472.77	11,209	145,106.70	33.4526	149.2219	10.6600	47.5510	44.1126	196.7729	2.90	8.40	13.20
<b>Total Spot</b>						<b>6,472.77</b>	<b>11,209</b>	<b>145,106.70</b>	<b>33.4526</b>	<b>149.2219</b>	<b>10.6600</b>	<b>47.5510</b>	<b>44.1126</b>	<b>196.7729</b>	<b>2.90</b>	<b>8.40</b>	<b>13.20</b>
<b>TOTAL WILSON STATION</b>						<b>97,283.47</b>	<b>11,850</b>	<b>2,305,624.78</b>	<b>44.1617</b>	<b>186.3356</b>	<b>1.9453</b>	<b>8.2078</b>	<b>46.1069</b>	<b>194.5434</b>	<b>3.06</b>	<b>9.17</b>	<b>10.19</b>
<b>TOTAL BIG RIVERS SYSTEM</b>						<b>245,090.10</b>	<b>11,517</b>	<b>5,645,561.46</b>	<b>63.8013</b>	<b>276.9798</b>	<b>3.4766</b>	<b>15.0929</b>	<b>67.2779</b>	<b>292.0727</b>	<b>3.02</b>	<b>9.13</b>	<b>11.70</b>

**BIG RIVERS ELECTRIC CORPORATION**  
**ANALYSIS OF PET COKE PURCHASED FOR FUEL CLAUSE BACKUP**  
November 30, 2021

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)
<b>STATION NAME - Green</b>																
<b>LONG TERM CONTRACT</b>																
					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
<b>SPOT CONTRACT</b>																
					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
Total Spot					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
<b>TOTAL GREEN STATION</b>					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
<b>STATION NAME - Wilson</b>																
<b>LONG TERM CONTRACT</b>																
Total Contract					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
<b>SPOT CONTRACT</b>																
					0.00	0	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
Total Spot					0.00	0	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
<b>TOTAL WILSON STATION</b>					0.00	-	0.00	N/A	N/A	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00
<b>TOTAL BIG RIVERS SYSTEM</b>					0.00	-	0.00	N/A	N/A	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  
November 30, 2021**

<b>Fuel &amp; Supplier (a)</b>	<b>P B D U (b)</b>	<b>P O C N (c)</b>	<b>M T (d)</b>	<b>Station Name (e)</b>	<b>Gal. or MMBtu Purchased (f)</b>	<b>BTU Per Unit (g)</b>	<b>Delivered Cost(\$) (h)</b>	<b>Cents per MMBTU (i)</b>	<b>% Sulfur (j)</b>
<b><u>Oil - Start-up &amp; Flame Stabilization</u></b>									
#2 Diesel - Home Oil and Gas Co., Inc	D	P.O. 266028	T	Reid CT	99,994.00	138,000	\$ 258,288.51	0.0187	N/A
#2 Diesel - Heritage Petroleum, LLC	D	P.O. 266030	T	Wilson	149,996.00	138,000	\$ 390,145.66	0.0188	N/A
					<u>249,990.00</u>		<u>\$ 648,434.17</u>		
<b><u>Oil Coal Handling</u></b>									
					<u>-</u>	<b>138,000</b>	<u>\$ -</u>	0.0000	N/A
<b><u>Natural Gas</u></b>									
Texas Gas Transmission (1)	P	BRE 10-G01	P	Reid CT	-	1,000,000	\$ 3,337.83	0.0000	N/A
CIMA Energy, LTD(1)	P	BRE 14-G07	P	Reid CT	4,139.00	1,000,000	\$ 21,811.82	0.0053	N/A
					<u>4,139.00</u>	<b>1,000,000</b>	<u>\$ 25,149.65</u>	0.0061	N/A

**Footnotes:**

(1) BREC used 4,139 MMBtu in November 2021. BREC had transportation and storage costs in the amount of \$3,337.83 from Texas Gas Transmission LLC in November 2021 and purchases in the amount of \$21,811.82 from CIMA.

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: November 30, 2021

Line No.	Item Description	Reid 1 (1) Unit # 1	(Oil & Gas) Reid CT (2) Unit #2	Total Station
1.	<b>Unit Performance:</b>			
	a. Capacity (name plate rating) (MW)	65	65	130
	b. Capacity (average load) (L2c/L3a) (MW)	0	11	0
	c. Net Demonstrated Capability (MW)	65	65	130
	d. Net Capability Factor(L1b/L1c) (%)	0.0%	16.7%	0.0%
2.	<b>Heat Rate:</b>			
	a. BTU Consumed (MMBTU)	0	4,020	4,020
	b. Gross Generation (MWH)	0	198	198
	c. Net Generation (MWH)	(934)	104	(830)
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	38,574	(4,845)
3.	<b>Operation Availability:</b>			
	a. Hours Unit Operated	0.0	9.6	9.6
	b. Hours Available	0.0	721.0	721.0
	c. Hours During the Period	721.0	721.0	1,442.0
	d. Availability Factor(L3b/L3c) (%)	0.0%	100.0%	50.0%
4.	<b>Cost Per KWH:</b>			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0000	0.1267	0.1267
	b. Net Generation - FAC Basis (cents/KWH)	0.0000	0.2413	(0.0303)
5.	<b>Inventory Analysis:</b>			
	a. Number of Days Supply based on actual burn at the station	0	1	1

**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&amp;L Station Two

For the Month of: November 30, 2021

Line No.	Item Description			
1.	<b>Unit Performance:</b>	<b>Unit # 1</b>	<b>Unit #2</b>	<b>Total Station</b>
	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.	<b>Heat Rate:</b>			
	a. BTU Consumed (MMBTU)	0	0	0
	b. Gross Generation (MWH)	0	0	0
	c. Net Generation (MWH)	(207)	(207)	(413)
	d. Heat Rate(L2a/L2c) (BTU/KWH)	0	0	0
3.	<b>Operation Availability:</b>			
	a. Hours Unit Operated	0.0	0.0	0.0
	b. Hours Available	0.0	0.0	0.0
	c. Hours During the Period	721.0	721.0	1,442.0
	d. Availability Factor(L3b/L3c) (%)	0.0%	0.0%	0.0%
4.	<b>Cost Per KWH:</b>			
	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.	<b>Inventory Analysis:</b>			
	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: November 30, 2021

Line No.	Item Description			Total Station
1.	<b>Unit Performance:</b>	<u>Unit # 1</u>	<u>Unit #2</u>	
	a. Capacity (name plate rating) (MW)	231	223	454
	b. Capacity (average load) (L2c/L3a) (MW)	213	208	421
	c. Net Demonstrated Capability (MW)	231	223	454
	d. Net Capability Factor(L1b/L1c) (%)	92.2%	93.3%	92.7%
2.	<b>Heat Rate:</b>			
	a. BTU Consumed (MMBTU)	1,508,286	1,618,847	3,127,132
	b. Gross Generation (MWH)	151,703	159,487	311,190
	c. Net Generation (MWH)	137,278	145,116	282,394
	d. Heat Rate(L2a/L2c) (BTU/KWH)	10,987	11,156	11,074
3.	<b>Operation Availability:</b>			
	a. Hours Unit Operated	644.1	696.4	1,340.5
	b. Hours Available	657.6	721.0	1,378.6
	c. Hours During the Period	721.0	721.0	1,442.0
	d. Availability Factor(L3b/L3c) (%)	91.2%	100.0%	95.6%
4.	<b>Cost Per KWH:</b>			
	a. Gross Generation - FAC Basis (cents/KWH)	0.0314	0.0321	0.0318
	b. Net Generation - FAC Basis (cents/KWH)	0.0347	0.0352	0.0350
5.	<b>Inventory Analysis:</b>			
	a. Number of Days Supply based on actual burn at the station (1)	See Total Station	See Total Station	11

**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.

Company Name: Big Rivers Electric Corporation

Station Name - Unit Number: Wilson

For the Month of: November 30, 2021

Line No.	Item Description		
1.	<b>Unit Performance:</b>	<b>Unit # 1</b>	<b>Total Station</b>
	a. Capacity (name plate rating) (MW)	417	417
	b. Capacity (average load) (L2c/L3a) (MW)	380	380
	c. Net Demonstrated Capability (MW)	417	417
	d. Net Capability Factor(L1b/L1c) (%)	91.1%	91.1%
2.	<b>Heat Rate:</b>		
	a. BTU Consumed (MMBTU)	2,703,191	2,703,191
	b. Gross Generation (MWH)	268,854	268,854
	c. Net Generation (MWH)	249,511	249,511
	d. Heat Rate(L2a/L2c) (BTU/KWH)	10,834	10,834
3.	<b>Operation Availability:</b>		
	a. Hours Unit Operated	656.5	656.5
	b. Hours Available	656.5	656.5
	c. Hours During the Period	721.0	721.0
	d. Availability Factor(L3b/L3c) (%)	91.1%	91.1%
4.	<b>Cost Per KWH:</b>		
	a. Gross Generation - FAC Basis (cents/KWH)	0.0200	0.0200
	b. Net Generation - FAC Basis (cents/KWH)	0.0215	0.0215
5.	<b>Inventory Analysis:</b>		
	a. Number of Days Supply based on actual burn at the station (1)	19	19

**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.