

**ORIGINAL**



Your Touchstone Energy® Cooperative 

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF )  
BIG RIVERS ELECTRIC CORPORATION )  
FOR APPROVAL TO MODIFY ITS MRSM TARIFF, )  
CEASE DEFERRING DEPRECIATION EXPENSES, )  
ESTABLISH REGULATORY ASSETS, )  
AMORTIZE REGULATORY ASSETS, AND )  
OTHER APPROPRIATE RELIEF )**

**Case No.  
2020-00064**

**Response to Kentucky Industrial Utility Customers, Inc.'s  
Supplemental Set of Data Requests  
dated April 15, 2020**

**FILED: April 24, 2020**

**ORIGINAL**

**BIG RIVERS ELECTRIC CORPORATION**

**ELECTRONIC APPLICATION OF  
BIG RIVERS ELECTRIC CORPORATION  
FOR APPROVAL TO MODIFY ITS MRSM TARIFF,  
CEASE DEFERRING DEPRECIATION EXPENSES,  
ESTABLISH REGULATORY ASSETS,  
AMORTIZE REGULATORY ASSETS, AND  
OTHER APPROPRIATE RELIEF  
CASE NO. 2020-00064**

**VERIFICATION**

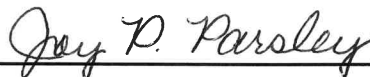
I, Robert W. ("Bob") Berry, verify, state, and affirm that the information request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



\_\_\_\_\_  
Robert W. ("Bob") Berry

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Robert W. ("Bob") Berry on this the 24<sup>th</sup> day of April, 2020.



\_\_\_\_\_  
Notary Public, Kentucky State at Large

My Commission Expires \_\_\_\_\_

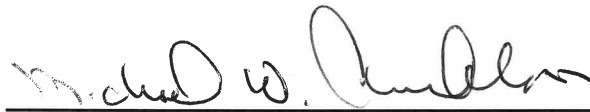
Notary Public, Kentucky State-At-Large  
My Commission Expires: July 10, 2022  
ID: 604480

**BIG RIVERS ELECTRIC CORPORATION**

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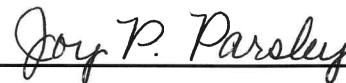
I, Michael W. ("Mike") Chambliss, verify, state, and affirm that the informationa request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Michael W. ("Mike") Chambliss

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Michael W. ("Mike") Chambliss on this the 24<sup>th</sup> day of April, 2020.



Notary Public, Kentucky State at Large

My Commission Expires \_\_\_\_\_

Notary Public, Kentucky State-At-Large  
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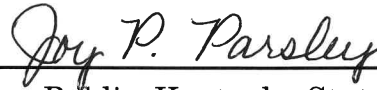
I, Mark J. Eacret, verify, state, and affirm that the information request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Mark J. Eacret

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

24<sup>th</sup> SUBSCRIBED AND SWORN TO before me by Mark J. Eacret on this the  
day of April, 2020.



Notary Public, Kentucky State at Large

My Commission Expires \_\_\_\_\_

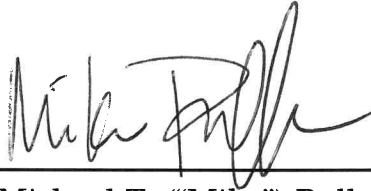
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CASE NO. 2020-00064**

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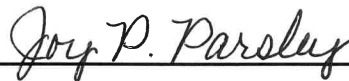
I, Michael T. ("Mike") Pullen, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Michael T. ("Mike") Pullen

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

SUBSCRIBED AND SWORN TO before me by Michael T. ("Mike") Pullen on this the 24<sup>th</sup> day of April, 2020.



Notary Public, Kentucky State at Large

My Commission Expires \_\_\_\_\_

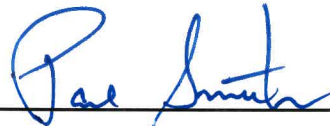
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**BIG RIVERS ELECTRIC CORPORATION**

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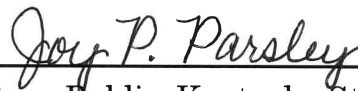
I, Paul G. Smith, verify, state, and affirm that the data request responses filed with this verification for which I am listed as a witness are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



\_\_\_\_\_  
Paul G. Smith

COMMONWEALTH OF KENTUCKY )  
COUNTY OF HENDERSON )

24<sup>th</sup> SUBSCRIBED AND SWORN TO before me by Paul G. Smith on this the  
\_\_\_\_ day of April, 2020.



\_\_\_\_\_  
Notary Public, Kentucky State at Large

My Commission Expires \_\_\_\_\_

Notary Public, Kentucky State-At-Large  
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**BIG RIVERS ELECTRIC CORPORATION**  
**ELECTRONIC APPLICATION OF**  
**BIG RIVERS ELECTRIC CORPORATION**  
**FOR APPROVAL TO MODIFY ITS MRSM TARIFF,**  
**CEASE DEFERRING DEPRECIATION EXPENSES,**  
**ESTABLISH REGULATORY ASSETS,**  
**AMORTIZE REGULATORY ASSETS, AND**  
**OTHER APPROPRIATE RELIEF**  
**CASE NO. 2020-00064**

**Response to the Kentucky Industrial Utility Customers, Inc.'s**  
**Supplemental Data Requests**  
**dated April 15, 2020**

**April 24, 2020**

1 **Item 1)**     *For each of the Big Rivers' generating plants (including*  
2 *Henderson Station Two) whose costs were included in the Company's 2013*  
3 *test year, please provide the following 2013 data (For Henderson Station Two,*  
4 *provide all information on a Big Rivers' basis):*

5     *a. total Production Energy O&M, as classified in the cost of service*  
6     *study.*

7     *b. total fuel cost*

8     *c. total generation mWh*

9     *d. total fixed O&M.*

10

11 **Response)** Big Rivers objects to this request on the grounds that it seeks  
12 information that is irrelevant and not likely to lead to the discovery of admissible  
13 evidence. Notwithstanding these objections, and without waiving them, Big Rivers  
14 responds as follows:

15     a. through d.

**BIG RIVERS ELECTRIC CORPORATION**

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CASE NO. 2020-00064**

**Response to the Kentucky Industrial Utility Customers, Inc.'s  
Supplemental Data Requests  
dated April 15, 2020**

**April 24, 2020**

1 For purposes of clarity, please note that Case No. 2013-00199 was based  
2 upon a forecast test year, with the Cost of Service Study based upon the  
3 then-current financial forecast. For all generating plants but the Reid  
4 Combustion Turbine, please see the 'This Year' column` in Section C – Cost  
5 of Net Energy Generated of the attachment to this response. For the Reid  
6 Combustion Turbine, see the 'This Year' column in Section B – Cost of Net  
7 Energy Generated.

8  
9

10 **Witness)** Michael T. Pullen



**BIG RIVERS ELECTRIC CORPORATION  
COLEMAN STATION STEAM PLANT  
MONTH ENDING DECEMBER 31, 2013**

**SECTION A. BOILERS**

UNIT NO.	TIMES STARTED	COAL 1,000 LBS.	OIL 1,000 GALS.	OTHER 1,000 C.F.
1				(1,772.1)
2				246.7
3				
<b>TOTAL</b>				<b>(1,525.4)</b>

AVG BTU PER UNIT 1,000

**SECTION B. TURBINE GENERATING UNITS**

UNIT NO.	SIZE KW	GROSS GENERATION (MWH)		BTU PER KWH THIS MONTH	OPERATING HOURS - THIS YEAR			
		THIS YEAR	THIS MONTH		IN SERVICE	ON STANDBY	OUT OF SERVICE	
					Scheduled	Unsched.		
1	160,000	678,563.000			4,824.4	25.0		693.6
2	160,000	734,031.000			5,381.7			161.3
3	165,000	783,756.000			5,373.5			169.5
<b>TOTAL</b>	<b>485,000</b>	<b>2,196,350.000</b>			<b>15,579.6</b>	<b>25.0</b>		<b>1,024.4</b>
STATION SERVICE (MWH)		199,148.000			LOAD FACTOR		80.85	
NET GENERATION		1,997,202.000			PLANT FACTOR		81.70	
STATION SERVICE % OF GROSS		9.07			RUNNING PLANT CAP		87.17	
					MAXIMUM KW DEMAND-15 MINUTE GROSS		490,098	

**SECTION C. COST OF NET ENERGY GENERATED**

PRODUCTION EXPENSE	THIS YEAR		THIS MONTH	
	AMOUNT (\$)	MILLS/KWH	AMOUNT (\$)	MILLS/KWH
1 Operation, Supervision and Engineering	1,160,780.75		87,325.51	
2 Fuel, Coal	54,603,531.88		4,227.01	
3 Fuel, Oil	700.12			
4 Fuel, Gas	232,080.88			
5 Fuel, Other				
6 FUEL SUB-TOTAL	54,836,312.88	27.46	4,227.01	
7 Steam Expenses	3,895,865.86		77,323.31	
8 Electric Expenses	1,391,785.60		25,138.41	
9 Miscellaneous Steam Power Expenses	1,375,176.36		14,320.89	
10 Allowances	20,921.00			
11 Rents				
12 NON- FUEL SUB-TOTAL	7,844,529.57	3.93	204,108.12	
13 OPERATION EXPENSE	62,680,842.45	31.38	208,335.13	
14 Maintenance, Supervision and Engineering	923,287.56		71,484.81	
15 Maintenance of Structures	782,750.29		1,263.03	
16 Maintenance of Boiler Plant	4,476,796.47		5,036.86	
17 Maintenance of Electric Plant	697,837.58		960.22	
18 Maintenance of Miscellaneous Plant	917,407.15		4,814.36	
19 MAINTENANCE EXPENSE	7,798,079.05	3.90	83,559.28	
20 TOTAL PRODUCTION EXPENSE	70,478,921.50	35.29	291,894.41	
<b>FIXED COSTS</b>				
21 Depreciation	3,707,963.67		4,499.74	
22 Interest	6,686,901.72		524,902.25	
23 TOTAL FIXED COST	10,394,865.39	5.20	529,401.99	
24 POWER COST	80,873,786.89	40.49	821,296.40	

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**BIG RIVERS ELECTRIC CORPORATION  
REID STATION STEAM PLANT  
MONTH ENDING DECEMBER 31, 2013**

**SECTION A. BOILERS**

UNIT NO.	TIMES STARTED	COAL 1,000 LBS.	OIL 1,000 GALS.	OTHER 1,000 C.F.
1			(6.217)	
2				
3				
<b>TOTAL</b>			(6.217)	
<b>AVG BTU PER UNIT</b>			138,000	

**SECTION B. TURBINE GENERATING UNITS**

UNIT NO.	SIZE KW	GROSS GENERATION (MWH)		BTU PER KWH THIS MONTH	OPERATING HOURS - THIS YEAR			
		THIS YEAR	THIS MONTH		IN SERVICE	ON STANDBY	OUT OF SERVICE	
						Scheduled	Unsched.	
1	72,000	22,582.750			450.3	8,046.7		263.0
2								
3								
<b>TOTAL</b>	<b>72,000</b>	<b>22,582.750</b>			<b>450.3</b>	<b>8,046.7</b>		<b>263.0</b>
<b>STATION SERVICE (MWH)</b>		19,737.000	1,658.000		<b>LOAD FACTOR</b>			4.66
<b>NET GENERATION</b>		2,845.750	(1,658.000)		<b>PLANT FACTOR</b>			3.58
<b>STATION SERVICE % OF GROSS</b>		87.40			<b>RUNNING PLANT CAP</b>			69.65
					<b>MAXIMUM KW DEMAND-15 MINUTE GROSS</b>			55,316

**SECTION C. COST OF NET ENERGY GENERATED**

PRODUCTION EXPENSE		THIS YEAR		THIS MONTH	
		AMOUNT (\$)	MILLS/KWH	AMOUNT (\$)	MILLS/KWH
1	Operation, Supervision and Engineering	286,107.05		35,121.24	
2	Fuel, Coal	992,361.48		38,448.13	
3	Fuel, Oil	82,547.86			
4	Fuel, Gas				
5	Fuel, Other				
6	<b>FUEL SUB-TOTAL</b>	<b>1,074,909.34</b>	<b>377.72</b>	<b>38,448.13</b>	
7	Steam Expenses	541,132.24		65,976.25	
8	Electric Expenses	293,446.61		25,574.12	
9	Miscellaneous Steam Power Expenses	253,416.28		37,570.45	
10	Allowances	2,674.87		20.15	
11	Rents				
12	<b>NON- FUEL SUB-TOTAL</b>	<b>1,376,777.05</b>	<b>483.80</b>	<b>164,262.21</b>	
13	<b>OPERATION EXPENSE</b>	<b>2,451,686.39</b>	<b>861.53</b>	<b>202,710.34</b>	
14	Maintenance, Supervision and Engineering	265,821.99		32,909.51	
15	Maintenance of Structures	128,845.18		13,758.31	
16	Maintenance of Boiler Plant	828,280.11		39,542.23	
17	Maintenance of Electric Plant	138,595.32		9,046.21	
18	Maintenance of Miscellaneous Plant	146,209.87		19,300.13	
19	<b>MAINTENANCE EXPENSE</b>	<b>1,507,752.47</b>	<b>529.83</b>	<b>114,556.39</b>	
20	<b>TOTAL PRODUCTION EXPENSE</b>	<b>3,959,438.86</b>	<b>1391.35</b>	<b>317,266.73</b>	
<b>FIXED COSTS</b>					
21	Depreciation	409,813.08		34,701.10	
22	Interest	694,125.95		54,644.02	
23	<b>TOTAL FIXED COST</b>	<b>1,103,939.03</b>	<b>387.93</b>	<b>89,345.12</b>	
24	<b>POWER COST</b>	<b>5,063,377.89</b>	<b>1779.28</b>	<b>406,611.85</b>	

000053

**BIG RIVERS ELECTRIC CORPORATION  
GREEN STATION STEAM PLANT  
MONTH ENDING DECEMBER 31, 2013**

**SECTION A. BOILERS**

UNIT NO.	TIMES STARTED	COAL 1,000 LBS.	OIL 1,000 GALS.	OTHER 1,000 C.F.
1	1	149,119.5	45.983	
2	5	133,397.0	87.319	
3				
<b>TOTAL</b>	<b>6</b>	<b>282,516.5</b>	<b>133.302</b>	
<b>AVG BTU PER UNIT</b>		<b>11.633</b>	<b>138,000</b>	

**SECTION B. TURBINE GENERATING UNITS**

UNIT NO.	SIZE KW	GROSS GENERATION (MWH)		BTU PER KWH THIS MONTH	OPERATING HOURS - THIS YEAR				
		THIS YEAR	THIS MONTH		IN SERVICE	ON STANDBY	OUT OF SERVICE		
							Scheduled	Unsched.	
1	250,000	1,829,156.080	177,117.690		7,965.7		538.0	256.3	
2	242,000	1,890,581.020	154,708.310		8,537.2			222.8	
3									
<b>TOTAL</b>	<b>492,000</b>	<b>3,719,737.100</b>	<b>331,826.000</b>	<b>9,960</b>	<b>16,502.9</b>		<b>538.0</b>	<b>479.1</b>	
<b>STATION SERVICE (MWH)</b>		<b>344,802.279</b>	<b>30,489.582</b>		<b>LOAD FACTOR</b>				<b>84.63</b>
<b>NET GENERATION</b>		<b>3,374,934.821</b>	<b>301,336.418</b>	<b>10,968</b>	<b>PLANT FACTOR</b>				<b>86.31</b>
<b>STATION SERVICE % OF GROSS</b>		<b>9.27</b>	<b>9.19</b>		<b>RUNNING PLANT CAP</b>				<b>91.68</b>
					<b>MAXIMUM KW DEMAND-15 MINUTE GROSS</b>				<b>501,732</b>

**SECTION C. COST OF NET ENERGY GENERATED**

PRODUCTION EXPENSE		THIS YEAR		THIS MONTH	
		AMOUNT (\$)	MILLS/KWH	AMOUNT (\$)	MILLS/KWH
1	Operation, Supervision and Engineering	1,621,543.61		209,492.32	
2	Fuel, Coal	77,171,883.19		6,684,604.00	
3	Fuel, Oil	1,382,797.65		414,281.34	
4	Fuel, Gas				
5	Fuel, Other				
6	<b>FUEL SUB-TOTAL</b>	<b>78,554,680.84</b>	<b>23.28</b>	<b>7,098,885.34</b>	<b>23.56</b>
7	Steam Expenses	15,209,303.68		1,285,235.62	
8	Electric Expenses	3,403,676.60		317,777.00	
9	Miscellaneous Steam Power Expenses	1,475,160.51		(124,021.60)	
10	Allowances	34,407.61		10,972.34	
11	Rents				
12	<b>NON-FUEL SUB-TOTAL</b>	<b>21,744,092.01</b>	<b>6.44</b>	<b>1,699,455.68</b>	<b>5.64</b>
13	<b>OPERATION EXPENSE</b>	<b>100,298,772.85</b>	<b>29.72</b>	<b>8,798,341.02</b>	<b>29.20</b>
14	Maintenance, Supervision and Engineering	1,637,817.33		222,763.81	
15	Maintenance of Structures	1,481,397.69		88,362.17	
16	Maintenance of Boiler Plant	10,536,953.01		885,171.17	
17	Maintenance of Electric Plant	1,471,505.25		177,216.24	
18	Maintenance of Miscellaneous Plant	1,150,641.31		178,036.78	
19	<b>MAINTENANCE EXPENSE</b>	<b>16,278,314.59</b>	<b>4.82</b>	<b>1,551,550.17</b>	<b>5.15</b>
20	<b>TOTAL PRODUCTION EXPENSE</b>	<b>116,577,087.44</b>	<b>34.54</b>	<b>10,349,891.19</b>	<b>34.35</b>
<b>FIXED COSTS</b>					
21	Depreciation	7,923,084.90		598,786.01	
22	Interest	7,797,117.84		608,094.68	
23	<b>TOTAL FIXED COST</b>	<b>15,720,202.74</b>	<b>4.66</b>	<b>1,206,880.69</b>	<b>4.01</b>
24	<b>POWER COST</b>	<b>132,297,290.18</b>	<b>39.20</b>	<b>11,556,771.88</b>	<b>38.35</b>

000054

**BIG RIVERS ELECTRIC CORPORATION  
WILSON STATION STEAM PLANT  
MONTH ENDING DECEMBER 31, 2013**

**SECTION A. BOILERS**

UNIT NO.	TIMES STARTED	COAL 1,000 LBS.	OIL 1,000 GALS.	OTHER 1,000 C.F.
1	1	239,703.7	67.146	
2				
3				
<b>TOTAL</b>	<b>1</b>	<b>239,703.7</b>	<b>67.146</b>	
		<b>AVG BTU PER UNIT</b>	<b>11,929</b>	<b>138,000</b>

**SECTION B. TURBINE GENERATING UNITS**

UNIT NO.	SIZE KW	GROSS GENERATION (MWH)		BTU PER KWH THIS MONTH	OPERATING HOURS - THIS YEAR			
		THIS YEAR	THIS MONTH		IN SERVICE	ON STANDBY	OUT OF SERVICE	
						Scheduled	Unsched.	
1	440,000	3,567,979.130	290,376.280		8,475.8		284.2	
2								
3								
<b>TOTAL</b>	<b>440,000</b>	<b>3,567,979.130</b>	<b>290,376.280</b>	<b>9,879</b>	<b>8,475.8</b>		<b>284.2</b>	
STATION SERVICE (MWH)		243,171.816	20,039.932					89.47
NET GENERATION		3,324,807.314	270,336.348	10,611				92.57
STATION SERVICE % OF GROSS		6.82	6.90					95.67
								LOAD FACTOR
								PLANT FACTOR
								RUNNING PLANT CAP
								MAXIMUM KW DEMAND-15
								MINUTE GROSS
								455,222

**SECTION C. COST OF NET ENERGY GENERATED**

PRODUCTION EXPENSE	THIS YEAR		THIS MONTH	
	AMOUNT (\$)	MILLS/KWH	AMOUNT (\$)	MILLS/KWH
1 Operation, Supervision and Engineering	1,891,834.94		226,162.89	
2 Fuel, Coal	74,078,167.97		5,876,298.88	
3 Fuel, Oil	1,404,899.16		206,223.32	
4 Fuel, Gas				
5 Fuel, Other				
6 FUEL SUB-TOTAL	75,483,067.13	22.70	6,082,522.20	22.50
7 Steam Expenses	10,676,553.22		931,869.70	
8 Electric Expenses	1,443,428.40		113,962.55	
9 Miscellaneous Steam Power Expenses	2,935,196.39		241,160.19	
10 Allowances	34,639.86		4,852.59	
11 Rents				
12 NON- FUEL SUB-TOTAL	16,981,652.81	5.11	1,518,007.92	5.62
13 OPERATION EXPENSE	92,464,719.94	27.81	7,600,530.12	28.12
14 Maintenance, Supervision and Engineering	1,424,175.52		170,846.49	
15 Maintenance of Structures	828,903.91		72,790.56	
16 Maintenance of Boiler Plant	7,543,723.60		716,553.13	
17 Maintenance of Electric Plant	715,913.71		79,216.17	
18 Maintenance of Miscellaneous Plant	602,550.81		76,627.10	
19 MAINTENANCE EXPENSE	11,115,267.55	3.34	1,116,033.45	4.13
20 TOTAL PRODUCTION EXPENSE	103,579,987.49	31.15	8,716,563.57	32.24
<b>FIXED COSTS</b>				
21 Depreciation	19,193,370.38		1,600,607.73	
22 Interest	20,452,962.39		1,588,711.67	
23 TOTAL FIXED COST	39,646,332.77	11.92	3,189,319.40	11.80
24 POWER COST	143,226,320.26	43.08	11,905,882.97	44.04

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**BIG RIVERS ELECTRIC CORPORATION**  
**HENDERSON STATION TWO-BREC SHARE-STEAM PLANT (PURCHASED POWER)**  
**MONTH ENDING DECEMBER 31, 2013**

**SECTION A. BOILERS**

UNIT NO.	TIMES STARTED	COAL 1,000 LBS.	OIL 1,000 GALS.	OTHER 1,000 C.F.
1		71,695.5		
2	1	73,148.3	5.469	
3				
<b>TOTAL</b>	<b>1</b>	<b>144,843.8</b>	<b>5.469</b>	
<b>AVG BTU PER UNIT</b>		<b>11,558</b>	<b>138,000</b>	

**SECTION B. TURBINE GENERATING UNITS**

UNIT NO.	SIZE KW	GROSS GENERATION (MWH)		BTU PER KWH THIS MONTH	OPERATING HOURS - THIS YEAR				
		THIS YEAR	THIS MONTH		IN SERVICE	ON STANDBY	OUT OF SERVICE Scheduled	Unsched.	
1	165,000	893,209.965	88,577.150		8,132.4			627.6	
2	172,000	773,245.035	85,312.850		7,075.9	18.6	1,378.0	287.5	
3									
<b>TOTAL</b>	<b>337,000</b>	<b>1,666,455.000</b>	<b>173,890.000</b>	<b>9,632</b>	<b>15,208.3</b>	<b>18.6</b>	<b>1,378.0</b>	<b>915.1</b>	
STATION SERVICE (MWH)		196,004.290	18,359.770		LOAD FACTOR				56.50
NET GENERATION		1,470,450.710	155,530.230	10,769	PLANT FACTOR				56.45
STATION SERVICE % OF GROSS		11.76	10.56		RUNNING PLANT CAP				65.12
					MAXIMUM KW DEMAND-15				336,669

**SECTION C. COST OF NET ENERGY GENERATED**

PRODUCTION EXPENSE		THIS YEAR		THIS MONTH	
		AMOUNT (\$)	MILLS/KWH	AMOUNT (\$)	MILLS/KWH
1	Operation, Supervision and Engineering	867,124.08		106,444.45	
2	Fuel, Coal	40,676,428.79		4,575,324.06	
3	Fuel, Oil	550,413.84		17,118.43	
4	Fuel, Gas				
5	Fuel, Other				
6	<b>FUEL SUB-TOTAL</b>	<b>41,226,842.63</b>	<b>28.04</b>	<b>4,592,442.49</b>	<b>29.53</b>
7	Steam Expenses	6,729,615.79		683,312.26	
8	Electric Expenses	837,372.60		72,552.56	
9	Miscellaneous Steam Power Expenses	1,495,570.34		65,862.17	
10	Allowances	-			
11	Rents	-			
12	<b>NON- FUEL SUB-TOTAL</b>	<b>9,929,682.81</b>	<b>6.75</b>	<b>928,171.44</b>	<b>5.97</b>
13	<b>OPERATION EXPENSE</b>	<b>51,156,525.44</b>	<b>34.79</b>	<b>5,520,613.93</b>	<b>35.50</b>
14	Maintenance, Supervision and Engineering	805,645.20		99,741.37	
15	Maintenance of Structures	341,816.65		55,581.61	
16	Maintenance of Boiler Plant	5,777,201.29		221,761.99	
17	Maintenance of Electric Plant	2,472,058.83		36,960.13	
18	Maintenance of Miscellaneous Plant	709,426.84		71,541.43	
19	<b>MAINTENANCE EXPENSE</b>	<b>10,106,148.81</b>	<b>6.87</b>	<b>485,586.53</b>	<b>3.12</b>
20	<b>TOTAL PRODUCTION EXPENSE</b>	<b>61,262,674.25</b>	<b>41.66</b>	<b>6,006,200.46</b>	<b>38.62</b>
<b>FIXED COSTS</b>					
21	Depreciation	3,280,568.47		322,438.64	
22	Interest	(5,264.00)		(3,935.00)	
23	<b>TOTAL FIXED COST</b>	<b>3,275,304.47</b>	<b>2.23</b>	<b>318,503.64</b>	<b>2.05</b>
24	<b>POWER COST</b>	<b>64,537,978.72</b>	<b>43.89</b>	<b>6,324,704.10</b>	<b>40.67</b>

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**BIG RIVERS ELECTRIC CORPORATION  
REID COMBUSTION TURBINE  
MONTH ENDING DECEMBER 31, 2013**

**SECTION A. INTERNAL COMBUSTION GENERATING UNITS  
OPERATING HOURS**

UNIT NO.	SIZE KW	FUEL OIL GALLONS	NATURAL GAS 1,000 C.F.	THIS YEAR		GROSS GENERATION (MWH)		FACTORS THIS YEAR	
				IN SERVICE	ON STANDBY	THIS YEAR	THIS MONTH	LOAD PLANT	RUNNING CAPACITY
1	70,000		2,435.0	80.3	8,544.2	1,854.540	118.130		0.32
2									0.30
3									32.99
TOTAL	70,000		2,435.0	80.3	8,544.2	1,854.540	118.130	MAXIMUM	
AVG BTU PER UNIT			1,000	STATION SERVICE (MWH)		982.640	60.660	15 MINUTE	
				NET GENERATION		871.900	57.470	GROSS	65,242
				STATION SERVICE					
				% OF GROSS		52.99	51.35		

**SECTION B. COST OF NET ENERGY GENERATED**

PRODUCTION EXPENSE		THIS YEAR		THIS MONTH	
		AMOUNT (\$)	MILLS/KWH	AMOUNT (\$)	MILLS/KWH
1	Operation, Supervision and Engineering				
2	Fuel, Oil				
3	Fuel, Gas	166,047.94		13,578.42	
4	Fuel, Other				
5	Energy for Compressed Air				
6	FUEL SUB-TOTAL	166,047.94	190.44	13,578.42	236.27
7	Generation Expenses	38,287.78		2,973.12	
8	Misc Other Power Generation Expenses				
9	Rents				
10	NON- FUEL SUB-TOTAL	38,287.78	43.91	2,973.12	51.73
11	OPERATION EXPENSE	204,335.72	234.36	16,551.54	288.00
12	Maintenance, Supervision and Engineering				
13	Maintenance of Structures				
14	Maintenance of Generating & Elec Plant	89,139.14		7,846.60	
15	Maintenance of Misc Other Pwr Gen Plant				
16	MAINTENANCE EXPENSE	89,139.14	102.24	7,846.60	136.53
17	TOTAL PRODUCTION EXPENSE	293,474.86	336.59	24,398.14	424.54
FIXED COSTS					
18	Depreciation	294,614.28		24,551.03	
19	Interest	198,499.33		15,538.59	
20	TOTAL FIXED COST	493,113.61	565.56	40,089.62	697.57
21	POWER COST	786,588.47	902.15	64,487.76	1,122.11

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