Exhibit AA-D-2 Ameren Responses to Data Requests

	Data Request	Format
1.	Ameren Response to Data Request No. SC 1.3	pdf
2.	Ameren Response to Data Request No. SC 1.6	pdf
3.	Ameren Response to Data Request No. SC 1.7	pdf
4.	Ameren Response to Data Request No. SC 1.12	pdf
5.	Ameren Response to Data Request No. SC 1.15	pdf
6.	Ameren Response to Data Request No. SC 1.21	pdf
7.	SIERRA_1-SC_001_21-Att-AEEMO_GA19611 - 201907	pdf
8.	SIERRA_1-SC_001_21-Att-AEEMO_GA19611 - 201908	pdf
9.	SIERRA_1-SC_001_21-Att-AEEMO_GA19611 - 201909	pdf
10.	SIERRA_1-SC_001_21-Att-SC 1.21 - LAB 1.xlsx	Excel*
11.	SIERRA_1-SC_001_21-Att-SC 1.21 - LAB 2.xlsx	Excel*
12.	SIERRA_1-SC_001_21-Att-SC 1.21 - LAB 3.xlsx	Excel*
13.	SIERRA_1-SC_001_21-Att-SC 1.21 - LAB 4.xlsx	Excel*
14.	SIERRA_1-SC_001_21-Att-SC 1.21 - RI 1.xlsx	Excel*
15.	SIERRA_1-SC_001_21-Att-SC 1.21 - RI 2.xlsx	Excel*
16.	SIERRA_1-SC_001_21-Att-SC 1.21 - Sx 1.xlsx	Excel*
17.	SIERRA_1-SC_001_21-Att-SC 1.21 - Sx 2.xlsx	Excel*
18.	Ameren Response to Data Request No. SC 1.23	pdf
19.	Ameren Response to Data Request No. SC 1.24	pdf
20.	Ameren Response to Data Request No. SC 2.50	pdf
21.	Ameren Response to Data Request No. SC 3.19	pdf*
22.	SIERRA_3-SC_003_19-Att-SC 3.19 - Commit Status 2015 - 2019 - 1.xlsx	Excel*
23.	SIERRA_3-SC_003_19-Att-SC 3.19 - Commit Status 2015 - 2019 - 2.xlsx	Excel*
24	Ameren Response to Data Request No. SC 5.1	
25.	Attachments to Ameren Response to Data Request No. MPSC 48 for 2018	pdf & Excel*

^{*}All Excel files submitted separately to MPSC via EFIS.

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.3

For each of the Company's coal units please identify the amount of money that Ameren Missouri has included in the Company's Test Year spending as proposed in this case, by the following types:

- a. Operations & Maintenance.
- b. Capital
- c. Fuel (if any)
- d. Other

RESPONSE

Prepared By: Mitch Lansford	
Title: Senior Manager Regulatory Accounting	
Date: October 17, 2019	

See below for the requested information for the test year ended December 31, 2018:

	Rush Island		Sioux Labadie		Labadie	Meramec	
O&M	\$	41,281,008	\$ 43,013,144	\$	69,432,709	\$	23,430,423
Capital	\$	66,770,216	\$ 20,533,718	\$	132,074,179	\$	3,566,635
Fuel	\$	158,639,450	\$ 111,131,524	\$	301,895,051	\$	31,162,443

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.6

For each Test Year capital expenditure of more than \$500,000 at the Company's coal units please:

- a. Describe the reason for the expenditure.
- b. Identify whether the expenditure would be necessary if the plant were to retire prior to 2023. If the expenditure would still be necessary, explain why.
- c. Identify whether the expenditure would be necessary if the plant were to retire prior to 2025. If the expenditure would still be necessary, explain why.

RESPONSE

REDIGINE
Prepared By: Thomas Callahan
Title: Sr. Manager, Operations Excellence
Date: October 29, 2019

Subject to the Company's Objection, please see response.

- 1. See attached file
- 2. Information does not exist
- 3. Information does not exist.

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.7

For each of the Company's coal units, please produce any analysis or assessment conducted since 2015, of the economics of continued operation of the unit, i.e., a disposition/retirement study.

RESPONSE

Prepared By: Matt Michels

Title: Director – Corporate Analysis

Date: October 23, 2019

Subject to the Company's Objection, please refer to Ameren Missouri's 2017 Integrated Resource Plan (File No. EO-2018-0038) for all analyses of coal unit retirements conducted since 2015.

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.12

For each of the Company's coal units:

- a. Confirm that Ameren Missouri owns 100% of each of these units. If denied, identify Ameren Missouri's ownership share of any co-owned unit(s).
- b. Identify the estimated retirement date.
- c. Explain the basis for each retirement date that is identified.
- d. Please provide all supporting analyses, calculations, data, documents, modeling input and output files, and workpapers associated with or used in determining each retirement date.

RESPONSE

Prepared By: Matt Michels	
Title: Director – Corporate Analysis	
Date: October 8, 2019	

- 1. Confirmed.
- 2. Following are the current estimated retirement dates as established in the Company's 2014 Electric Rate Case (File No. ER-2014-0258):

Meremec Units 3-4 – September 2022 Rush Island Units 1-2 – September 2045

Sioux Units 1-2 – September 2033

Labadie Units 1-2 – September 2036

Labadie Units 3-4 – September 2042

- 3. Please refer to the direct testimony of Company witness Larry Loos in Ameren Missouri's 2014 Electric Rate Case (File No. ER-2014-0258).
- 4. Please see response to part c. above. In addition, please refer to the Company's 2014 Integrated Resource Plan (File No. EO-2015-0084) and associated workpapers with respect to supporting analysis for the retirement date for the Meramec units.

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.15

For each of the Company's coal units, please provide the following historical annual data since 2015:

- a. Installed Capacity
- b. Unforced Capacity
- c. Capacity Factor
- d. Availability
- e. Heat Rate
- f. Forced or random outage rate
- g. Fixed O&M costs
- h. Non-Fuel Variable O&M costs
- i. Fuel Costs
- j. Environmental capital costs
- k. Non-environmental capital cost
- 1. Energy revenues
- m. Capacity revenues
- n. Ancillary services revenues
- o. Any other revenues
- p. Depreciation

q. Undepreciated net book value

RESPONSE

Prepared By: Jeff Holmes

Title: Manager Trading

Date: October 23, 2019

a. Installed Capacity

Unit	Installed Capacity (MW)
Labadie 1	590.75
Labadie 2	590.75
Labadie 3	621.00
Labadie 4	625.50
Meramec 3	289.00
Meramec 4	326.40
Rush Island 1	669.60
Rush Island 2	669.60
Sioux 1	499.80
Sioux 2	499.80

b. Unforced Capacity

	<u> </u>		PY			PY
UCAP (MW)	PY 14/15	PY 15/16	16/17	PY 17/18	PY 18/19	19/20
Labadie 1	565.5	546.4	557.9	553.0	555.6	547.9
Labadie 2	569.0	561.8	571.0	578.2	568.4	561.9
Labadie 3	535.8	519.9	546.5	533.7	523.3	533.5
Labadie 4	562.0	540.6	524.5	547.6	556.7	563.4
Meramec 3	211.7	189.8	184.3	190.5	209.9	209.1
Meramec 4	270.6	270.0	275.3	259.3	224.5	233.8
Rush Island 1	564.6	560.7	551.6	538.3	532.5	537.5
Rush Island 2	575.7	557.5	539.4	505.1	515.8	525.5
Sioux 1	441.4	422.4	411.1	412.0	411.2	420.2
Sioux 2	367.5	398.9	400.6	383.3	382.7	436.7

Prepared By: Scott Anderson

Title: Consulting Engineer

Date: October 7, 2019

c. Capacity Factor

NCF	2015	2016	2017	2018
Labadie 1	84.13	73.90	79.00	82.07
Labadie 2	78.47	72.39	79.25	81.59
Labadie 3	63.19	69.80	66.06	52.81
Labadie 4	76.18	61.63	79.54	80.24

Meramec 3	27.42	26.82	15.67	23.25
Meramec 4	34.38	32.35	23.99	25.41
Rush Island 1	68.53	75.05	83.41	62.98
Rush Island 2	72.69	46.21	83.81	84.39
Sioux 1	49.81	41.23	66.27	60.95
Sioux 2	54.35	63.22	49.33	69.92

d. Availability

EAF	2015	2016	2017	2018
Labadie 1	94.47	85.59	89.06	91.26
Labadie 2	90.13	83.29	89.26	90.10
Labadie 3	76.05	82.90	77.68	60.82
Labadie 4	88.56	72.74	92.48	91.06
Meramec 3	71.10	83.39	84.57	60.53
Meramec 4	62.98	66.49	58.57	55.68
Rush Island 1	84.20	90.16	89.87	68.66
Rush Island 2	85.89	58.42	91.07	91.28
Sioux 1	71.35	58.50	86.32	81.62
Sioux 2	79.25	87.76	64.62	92.56

e. Heat Rate

Ameren Missouri does not record an annual heat rate by unit.

Below is the average BTU per KWh Net Generation reported on page 402, line 44 of Ameren Missouri's FERC FORM 1.

	Labadie	Rush Island	Sioux	Meramec
2016	10,123	10,549	10,703	11,849
2017	10,086	9,944	10,347	12,263
2018	10,059	9,864	10,225	11,900

Please note that the values for Meramec include units 1&2 which have been converted to natural gas.

f. Forced or random outage rate (percentage)

			\1	<u> </u>
FOR	2015	2016	2017	2018
Labadie 1	2.06	9.79	4.34	3.54
Labadie 2	3.47	3.90	4.88	2.90
Labadie 3	7.31	12.68	5.78	4.54
Labadie 4	3.32	2.00	4.14	2.84
Meramec 3	29.39	23.32	17.91	38.56
Meramec 4	19.90	32.59	25.97	14.35
Rush Island	3.39	5.23	4.19	7.64
Rush Island 2	6.86	3.94	5.40	1.31
Sioux 1	17.57	19.77	9.85	17.49

<u>RESPONSE</u>: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)

Prepared By: Mark J. Peters

Title: Manager, Load Forecasting and Market Analysis

Date:

g. Fixed O&M costs

Ameren Missouri's accounting records do not differentiate between fixed and variable O&M. Please see part h. below

h. Non-Fuel Variable O&M costs

Ameren Missouri's accounting records do not differentiate between fixed and variable O&M. Additionally, O&M is not accounted for on a per unit level.

Below is the non-fuel O&M reported on Ameren Missouri's FERC Form 1 (page 402, line 34 minus line 20)

	Labadie	Rush Island	Sioux	Meramec
2016	48,077,956	27,517,657	36,242,697	20,116,334
2017	43,780,733	25,152,496	39,354,744	19,815,233
2018	60,189,722	35,937,358	36,821,300	19,387,124

Please note that the values for Meramec include units 1&2 which have been converted to natural gas.

i. Fuel Costs

Ameren Missouri's accounting records contain fuel by Energy Center. At Energy Centers with more than one unit, fuel is not separately recorded by unit.

Below is the Fuel cost reported on page 402 line 20 of Ameren Missouri's FERC Form 1.

	Labadie	Rush Island	Sioux	Meramec
2016	332,149,501	152,147,812	103,860,366	44,953,264
2017	353,323,146	183,044,613	106,777,297	30,862,539
2018	301,930,687	158,658,176	111,144,642	31,166,121

Please note that the values for Meramec include units 1&2 which have been converted to natural gas.

Prepared By: Paul W. Mertens

Title: Manager, Plant Accounting

Date: October 15, 2019

j. Environmental capital costs

Please reference part k. below.

k. Non-environmental capital cost

	2016			2017			2018		
		Non-			Non-			Non-	
	Environmental	Environmental	Total	Environmental	Environmental	Total	Environmental	Environmental	Total
Meramec Energy Center	4,028,645	2,494,053	6,522,698	1,795,684	7,847,990	9,643,674	703,228	2,863,408	3,566,636
Sioux Energy Center	14,677,998	26,425,353	41,103,351	9,907,315	25,935,813	35,843,128	11,124,334	9,409,384	20,533,718
Labadie Energy Center	52,471,962	19,513,932	71,985,894	41,701,199	26,255,296	67,956,495	77,455,584	54,618,596	132,074,180
Rush Island Energy Center	35,390,690	29,322,066	64,712,756	44,140,178	11,233,866	55,374,044	42,839,745	23,930,471	66,770,216
Grand Total	106,569,295	77,755,405	184,324,700	97,544,376	71,272,965	168,817,341	132,122,891	90,821,859	222,944,750

Prepared By: Rozitta Bennett

Title: Supv. RTO Settlements & Trading

Date: October 15, 2019

1. Energy revenues

Please reference response for SC 001.21

m. Capacity revenues

The MISO capacity market utilizes a concept of Zonal Resource Credits (ZRC).

Capacity cleared in the annual auctions is not settled by MISO on a generation unit basis.

Ameren Missouri does not record capacity revenues by unit.

The values below are simply sum annual totals of the cleared ZRCs associated with a given unit multiplied by the applicable auction clearing price multiplied by the number of

days in a given month.

	2016	2017	2018
Labadie			
Unit 1	\$ 8,885,146.94	\$ 6,243,001.80	\$ 1,314,238.50
Unit 2	\$ 9,095,137.73	\$ 6,393,514.20	\$ 1,347,338.30
Unit 3	\$ 8,695,478.30	\$ 6,112,865.70	\$ 1,240,745.05
Unit 4	\$ 8,367,451.78	\$ 5,878,143.60	\$ 1,315,369.40
Meramec			
Unit 1	\$ 35,341.49		
Unit 2	\$ 36,101.52		
Unit 3	\$ 2,940,091.01	\$ 2,064,860.10	\$ 492,334.25
Unit 4	\$ 4,384,641.60	\$ 3,076,296.90	\$ 539,161.45
Rush Island			
Unit 1	\$ 8,795,640.67	\$ 6,169,789.50	\$ 1,261,474.95
Unit 2	\$ 8,605,970.40	\$ 6,026,493.90	\$ 1,218,217.15
Sioux			
Unit 1	\$ 6,557,661.50	\$ 4,601,731.20	\$ 973,286.00
Unit 2	\$ 6,383,446.94	\$ 4,478,362.50	\$ 905,795.45

n. Ancillary services revenues

Please reference response for SC 001.21

o. Any other revenues

Please reference response for SC 001.21

Prepared By: Paul W. Mertens

Title: Manager, Plant Accounting

Date: October 15, 2019

p. Depreciation, excluding Asset Retirement Obligations

	2016	2017	2018
Meramec Energy Center	\$ 46,397,888	\$ 46,816,907	\$ 45,239,524
Sioux Energy Center	\$ 54,508,610	\$ 55,926,694	\$ 56,786,179
Labadie Energy Center	\$ 30,861,109	\$ 31,996,961	\$ 32,393,462
Rush Island Energy Center	\$ 16,232,917	\$ 17,098,975	\$ 18,078,861
Total Depreciation and Amortization by Year	\$ 148,000,523	\$ 151,839,537	\$ 152,498,026

q. Undepreciated net book value

Ameren Missouri								
Net Book Value of Energy Centers as of December 31								
	2016	2017	2018					
Meramec Energy Center	268,010,165	238,256,928	198,650,136					
Sioux Energy Center	869,469,216	849,393,860	807,427,212					
Labadie Energy Center	891,770,230	877,271,605	1,019,513,876					
Rush Island Energy Center	452,510,056	442,987,321	552,558,224					
Total Energy Center NBV	2,481,761,683	2,407,911,731	2,578,151,466					

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.21

For each of the Company's coal units, please provide the following hourly information for each year from 2015 through 2018 and each month of 2019 through the date of your response. If not available at an hourly scale, explain why not and provide at the most temporally granular scale available.

- a. Price (\$/MWh) of bids submitted into the MISO market and/or SPP market.
- b. Quantity (MW) of bids submitted into the MISO market and/or SPP market.
- c. For each bid, whether that bid was accepted by MISO and/or SPP.
- d. Whether the hourly decision to dispatch a unit was made by MISO or by Ameren Missouri.
- e. Reason for dispatch decision, including "economic," "self-dispatched," "reliability," or other recorded purposes.
- f. Fuel costs (\$/MWh)
- g. Variable costs of production (\$/MWh), including fuel, variable O&M, and any other variable operating costs.
- h. Net generation (MWh)
- i. Locational marginal price received (\$/MWh)
- j. Energy market revenues (\$)
- k. Ancillary market revenues (\$)
- 1. Congestion revenues (\$)
- m. Heat rate (Btu/kWh)
- n. Economic minimum/minimum operation level (if this concept varies over time)

RESPONSE

Prepared By: Rozitta Bennett & Neil Graser

Title: Supervisor, RTO & Trading Settlement & Manager, Power & Fuels

Accounting

Date: 10/23/2019

Subject to the Company's objection,

1. Generation resources are not bid into the MISO market. To the extent that this request seeks information regarding Ameren Missouri's generation offers, please refer to the attached files SC 1.21 – XXXXX, where XXXXX is the unit designation.

Please note that unit offers are based on an offer curve.

- 2. Generation resources are not bid into the MISO market. To the extent that this request seeks information regarding Ameren Missouri's generation offers, please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designations.
 - ECON MAX represents the maximum energy offered.
- 3. Generation resources are not bid into the MISO market. To the extent that this request seeks information regarding Ameren Missouri's generation offers, please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designation.
 - DA ENERGY (MW) represents the level at which the unit cleared in the Day Ahead Market. RT ENERGY (MW) represents the integrated hourly total net generation output.
- 4. Real time dispatch status indicates if a unit was offered with an economic or self-scheduled dispatch status. MISO, as a function of the operation of the market, dispatches units. This dispatch is made above unit ECON MIN (if offered as economic) or above the self-scheduled amount (if offered as self-scheduled).
- 5. Please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designation.

Please note, MISO does not have a "self-dispatched" status.

- 6. Ameren Missouri does not record fuel costs on a per unit level. Nor are they recorded on an hourly basis.
 - Please refer to the response to ER-2019-0335 MPSC 0048 for January 2017 through June 2019 and the responses to ER-2016-0179 MPSC 0066, 0066s1, 0066s2, and 0066s3 for January 2015 through December 2016. Refer to attachments "AEEMO_GA19611 2019XX" for July through September 2019.
- 7. Ameren Missouri does not record variable costs of production (\$/MWh), including fuel, variable O&M, and any other variable operating costs on an hourly basis. Nor are they recorded on a per unit basis, nor segregated between fixed and

variable. Please reference part f. above for fuel costs by Energy Center, by month.

To the extent that this data request is seeking the Variable O&M proxy utilized by Ameren Missouri in the development of its unit offers to MISO, please refer to the attached files SC 1.21 – XXXXX, where XXXXX is the unit designation.

- 8. Please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designation.
 - Real Time Energy (MW) is the hourly net generation settled with MISO.
- 9. Please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designantion.
- 10. Please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designation.
- 11. Please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designation
- 12. There were no congestion revenues for Ameren Missouri's coal units from January 1, 2015 to September 30, 2019.
- 13. Ameren Missouri does not record heat rate on an hourly, or per unit basis. Please refer to the Company's response to SC 1.15, part e.
- 14. Please refer to the attached files SC 1.21 XXXXX, where XXXXX is the unit designation. DA ECON MIN

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,798,203.0	4,440,694.3	22,067,622.9	26,807,031.6	40,894,420.8	44,008,292.1
Station Use (MWHR)	199,724.2	235,349.9	1,188,327.1	1,438,962.8	2,154,713.2	2,412,060.9
Generation - Net (MWHR)	3,598,478.8	4,205,344.3	20,879,295.8	25,368,068.8	38,739,707.6	41,596,231.3
Energy Input for Pumping (MWHR)		72,694.0	-	288,739.0	138,376.0	511,937.0
Generation Less Pumping Energy (MWHR)	3,598,478.8	4,132,650.3	20,879,295.8	25,079,329.8	38,601,331.6	41,084,294.3
Total Production Cost						
Fuel - Coal	43,890,722	61,739,801	260,329,932	367,045,311	492,508,038	648,418,136
Fuel - Natural Gas	2,643,681	3,503,452	11,142,361	13,969,030	24,168,577	22,656,089
Fuel - Oil	335,981	298,428	2,797,563	1,784,943	4,129,352	2,884,967
Fuel Handling	687,823	725,658	5,753,934	4,998,569	9,109,533	9,092,458
Nuclear	7,713,282	8,084,948	40,619,766	55,823,007	79,936,816	75,753,255
Operations	11,258,871	10,710,232	84,017,450	80,098,092	137,735,102	139,488,282
Maintenance	12,283,639	11,089,083	114,957,877	83,160,352	192,922,357	168,016,245
Total	78,814,000	96,151,602	519,618,882	606,879,303	940,509,774	1,066,309,432
Quantity of Fuel Burned						
Coal - Tons	1,487,057	1,824,482	8,645,173	10,374,001	15,745,077	17,959,587
Nuclear - MMBTU	9,047,036	9,046,805	47,283,713	61,749,101	91,942,328	84,626,742
Natural Gas - MCF	1,508,672	1,670,141	3,402,167	5,497,566	9,963,358	8,775,515
Oil - Gallons	186,048	42,106	1,851,296	994,276	2,613,716	1,678,808
Production Cost per Net KWH						
Generated	2.190	2.286	2.489	2.392	2.428	2.563
Fuel	1.303	1.559	1.314	1.509	1.344	1.620
Fuel Handling	0.019	0.017	0.028	0.020	0.024	0.022
Nuclear Fuel Burned	0.214	0.192	0.195	0.220	0.206	0.182
Operation	0.313	0.255	0.402	0.316	0.356	0.335
Maintenance	0.341	0.264	0.551	0.328	0.498	0.404

% of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	70.89%	76.31%	74.87%	73.78%	73.66%	77.85%
Nuclear	26.77%	21.42%	24.03%	24.92%	24.85%	20.92%
Gas	0.56%	1.81%	0.46%	1.03%	0.87%	0.93%
Oil	1.78%	0.46%	0.64%	0.27%	0.61%	0.30%
BTU Per Net KWH Generation						
Coal	6,658.122	7,663.247	7,056.090	7,205.501	7,033.850	7,571.803
Nuclear	2,514.128	2,151.264	2,264.622	2,434.127	2,373.336	2,034.481
Gas	52.970	181.629	43.040	100.674	83.363	90.656
Oil	167.462	46.285	60.373	26.531	58.234	29.474
BTU Per Pound of Coal	8,056	8,832	8,521	8,810	8,653	8,769
Cost Per MMBTU Burned						
Coal	186.061	193.832	180.609	203.537	184.087	208.761
Nuclear	85.258	89.368	85.906	90.403	86.942	89.515
Natural Gas	1,386.954	458.679	1,239.911	546.970	748.380	600.804
Cost Per Ton of Coal Burned						
Coal	29.515	33.840	30.113	35.381	31.280	36.104
Coal Handling	0.339	0.319	0.520	0.390	0.450	0.419
Total	29.854	34.159	30.633	35.771	31.730	36.523

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	927,410.0	927,811.0	4,933,116.5	6,451,452.0	9,609,347.7	8,822,668.0
Station Use (MWHR)	38,693.7	40,446.2	228,453.8	273,914.0	426,945.1	410,683.0
Generation - Net (MWHR)	888,716.2	887,364.8	4,704,662.7	6,177,538.0	9,182,402.6	8,411,985.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	888,716.2	887,364.8	4,704,662.7	6,177,538.0	9,182,402.6	8,411,985.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,713,282	8,084,948	40,619,766	55,823,007	79,936,816	75,753,255
Operations	5,932,117	5,749,311	48,627,877	44,362,926	77,941,907	79,124,916
Maintenance	3,876,289	3,500,087	50,882,074	26,121,745	69,398,127	71,144,791
Total	17,521,688	17,334,346	140,129,717	126,307,679	227,276,850	226,022,962
Quantity of Fuel Burned						
Nuclear - MMBTU	9,047,036	9,046,805	47,283,713	61,749,101	91,942,328	84,626,742
Production Cost per Net KWH						
Generated	1.972	1.953	2.979	2.045	2.475	2.687
Nuclear Fuel Burned	0.868	0.911	0.863	0.904	0.871	0.901
Operation	0.667	0.648	1.034	0.718	0.849	0.941
Maintenance	0.436	0.394	1.082	0.423	0.756	0.846
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,179.893	10,195.137	10,050.394	9,995.746	10,012.884	10,060.258

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	85.258	89.368	85.906	90.403	86.942	89.515

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	84.0	84.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	84.0	84.0	144.0	144.0
Energy Input for Pumping (MWHR)		-				_
Generation Less Pumping Energy (MWHR)	12.0	12.0	84.0	84.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	137,456.0	231,296.0	476,355.6	1,021,059.0	982,730.6	1,624,678.0
Station Use (MWHR)	15,511.4	25,177.1	61,462.7	121,065.5	121,417.3	204,901.5
Generation - Net (MWHR)	121,944.6	206,118.9	414,893.0	899,993.5	861,313.3	1,419,776.5
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	121,944.6	206,118.9	414,893.0	899,993.5	861,313.3	1,419,776.5
Total Production Cost						
Fuel - Coal	2,163,998	3,989,158	8,333,093	19,522,979	15,520,176	33,209,089
Fuel - Natural Gas	197,399	325,930	1,059,464	1,305,622	3,112,244	1,921,373
Fuel Handling	72,034	118,404	497,984	553,685	939,949	973,324
Operations	745,557	758,897	4,216,796	4,968,452	7,490,282	8,385,788
Maintenance	896,962	1,056,200	5,614,060	6,238,670	9,847,595	10,082,422
Total	4,075,950	6,248,588	19,721,397	32,589,408	36,910,245	54,571,996
Quantity of Fuel Burned						
Coal - Tons	73,370	133,226	281,112	606,638	521,664	970,784
Natural Gas - MCF	80,867	108,100	216,178	358,900	836,948	547,705
Oil - Gallons	2,059	5,512	16,873	28,745	40,403	48,494
Production Cost per Net KWH						
Generated	3.342	3.032	4.753	3.621	4.285	3.844
Fuel	1.936	2.093	2.264	2.314	2.163	2.474
Fuel Handling	0.059	0.057	0.120	0.062	0.109	0.069
Operation	0.611	0.368	1.016	0.552	0.870	0.591
Maintenance	0.736	0.512	1.353	0.693	1.143	0.710
% of Total BTU Burned						
Coal	94.05%	95.57%	95.77%	96.68%	91.63%	96.80%
Gas	5.95%	4.43%	4.23%	3.32%	8.37%	3.20%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	10,720.985	11,559.630	12,079.152	11,900.766	10,825.754	11,968.176
Gas	678.078	535.924	532.995	408.722	989.325	395.504
BTU Per Pound of Coal	8,909	8,942	8,914	8,828	8,937	8,752
Cost Per MMBTU Burned						
Coal	171.033	172.394	176.214	187.446	176.528	201.166
Natural Gas	238.727	295.055	479.101	354.936	365.236	342.169
Cost Per Ton of Coal Burned						
Coal	29.494	29.943	29.643	32.182	29.751	34.209
Coal Handling	0.965	0.885	1.746	0.906	1.783	0.985
Total	30.459	30.827	31.389	33.089	31.534	35.193

Note: BTU amounts are not correct prior to August 2014.

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Run Date: 10/15/19 11:39:24 AM

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	551,848.0	587,485.0	2,816,209.5	3,710,627.0	5,215,071.7	5,587,552.0
Station Use (MWHR)	40,334.0	42,398.5	210,251.7	272,284.0	382,566.7	424,522.0
Generation - Net (MWHR)	511,514.0	545,086.6	2,605,957.8	3,438,343.0	4,832,505.0	5,163,030.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	511,514.0	545,086.6	2,605,957.8	3,438,343.0	4,832,505.0	5,163,030.0
Total Production Cost						
Fuel - Coal	10,211,853	11,468,416	48,420,688	68,310,632	89,635,656	103,747,535
Fuel - Oil	24,443	10,952	284,055	155,168	429,925	350,732
Fuel Handling	196,385	235,813	1,355,173	1,533,442	2,226,402	2,635,102
Operations	1,293,593	788,400	6,855,105	5,916,299	10,841,883	10,232,951
Maintenance	1,468,551	1,779,210	13,346,389	11,788,601	24,556,382	25,701,282
Total	13,194,826	14,282,791	70,261,410	87,704,143	127,690,248	142,667,602
Quantity of Fuel Burned						
Coal - Tons	310,737	325,673	1,451,714	1,927,667	2,666,658	2,881,085
Oil - Gallons	17,573	5,288	144,411	83,177	211,337	188,112
Production Cost per Net KWH						
Generated	2.580	2.620	2.696	2.551	2.642	2.763
Fuel	2.001	2.106	1.869	1.991	1.864	2.016
Fuel Handling	0.038	0.043	0.052	0.045	0.046	0.051
Operation	0.253	0.145	0.263	0.172	0.224	0.198
Maintenance	0.287	0.326	0.512	0.343	0.508	0.498
% of Total BTU Burned						
Coal	99.96%	99.99%	99.93%	99.97%	99.94%	99.95%
Oil	0.04%	0.01%	0.07%	0.03%	0.06%	0.05%
BTU Per Net KWH Generation						
Coal	11,432.201	11,082.984	10,451.132	10,356.090	10,249.448	10,245.109

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	4.707	1.329	7.592	3.314	5.991	4.992
BTU Per Pound of Coal	9,409	9,275	9,380	9,236	9,287	9,180
Cost Per MMBTU Burned Coal	177.988	193.741	182.763	196.148	185.466	201.117
Cost Per Ton of Coal Burned						
Coal	32.863	35.215	33.354	35.437	33.613	36.010
Coal Handling	0.537	0.660	0.845	0.724	0.744	0.841
Total	33.400	35.875	34.199	36.161	34.357	36.850

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,544,193.0	1,618,394.0	9,365,325.9	10,269,220.0	15,685,260.2	17,641,691.0
Station Use (MWHR)	74,881.0	79,341.5	454,168.4	511,760.0	765,863.4	878,036.0
Generation - Net (MWHR)	1,469,312.0	1,539,052.5	8,911,157.5	9,757,460.0	14,919,396.8	16,763,655.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	1,469,312.0	1,539,052.5	8,911,157.5	9,757,460.0	14,919,396.8	16,763,655.0
Total Production Cost						
Fuel - Coal	24,550,104	29,632,183	143,631,717	197,227,888	246,937,630	347,919,919
Fuel - Oil	2,770	65,987	886,533	931,993	1,591,980	1,507,714
Fuel Handling	317,232	299,236	3,153,489	2,258,014	4,658,547	4,323,251
Operations	1,309,243	1,646,914	10,974,304	11,005,689	18,374,714	18,677,726
Maintenance	2,652,629	2,350,862	22,119,988	16,352,397	45,592,113	26,677,310
Total	28,831,978	33,995,181	180,766,031	227,775,980	317,154,985	399,105,920
Quantity of Fuel Burned						
Coal - Tons	904,773	910,821	5,170,103	5,608,034	8,555,624	9,609,746
Oil - Gallons	8,751	30,466	459,019	465,035	786,636	796,605
Production Cost per Net KWH						
Generated	1.962	2.209	2.029	2.334	2.126	2.381
Fuel	1.671	1.930	1.622	2.031	1.666	2.084
Fuel Handling	0.022	0.019	0.035	0.023	0.031	0.026
Operation	0.089	0.107	0.123	0.113	0.123	0.111
Maintenance	0.181	0.153	0.248	0.168	0.306	0.159
% of Total BTU Burned						
Coal	99.99%	99.97%	99.93%	99.94%	99.93%	99.94%
Oil	0.01%	0.03%	0.07%	0.06%	0.07%	0.06%
BTU Per Net KWH Generation						
Coal	9,051.607	10,457.676	9,480.459	10,137.075	9,655.509	10,090.521

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	0.817	2.682	7.062	6.474	7.241	6.478
BTU Per Pound of Coal	7,350	8,835	8,170	8,819	8,419	8,801
Cost Per MMBTU Burned Coal	186.978	185.968	173.748	201.680	174.654	208.238
Cost Per Ton of Coal Burned						
Coal	27.134	32.533	27.781	35.169	28.863	36.205
Coal Handling	0.197	0.220	0.432	0.291	0.375	0.342
Total	27.331	32.753	28.213	35.460	29.238	36.547

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	319,734.0	858,198.0	3,148,898.8	4,115,286.0	7,250,521.9	8,165,921.0
Station Use (MWHR)	28,787.0	44,506.0	216,745.1	236,965.0	430,461.1	459,437.0
Generation - Net (MWHR)	290,947.0	813,692.0	2,932,153.6	3,878,321.0	6,820,060.8	7,706,484.0
Energy Input for Pumping (MWHR)	_	-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	290,947.0	813,692.0	2,932,153.6	3,878,321.0	6,820,060.8	7,706,484.0
Total Production Cost						
Fuel - Coal	6,964,767	16,650,043	59,944,434	81,983,811	140,414,576	163,541,594
Fuel - Oil	308,768	221,490	1,626,975	697,782	2,107,447	1,026,522
Fuel Handling	102,172	72,205	747,287	653,428	1,284,635	1,160,780
Operations	957,904	865,170	6,540,853	7,056,072	11,307,046	11,525,576
Maintenance	1,111,478	1,291,969	9,463,904	14,387,495	18,055,076	19,903,488
Total	9,445,089	19,100,878	78,323,454	104,778,588	173,168,779	197,157,959
Quantity of Fuel Burned						
Coal - Tons	198,177	454,762	1,742,244	2,231,662	4,001,131	4,497,972
Oil - Gallons	157,665	840	790,019	237,271	1,001,515	432,476
Production Cost per Net KWH						
Generated	3.246	2.347	2.671	2.702	2.539	2.558
Fuel	2.500	2.073	2.100	2.132	2.090	2.135
Fuel Handling	0.035	0.009	0.025	0.017	0.019	0.015
Operation	0.329	0.106	0.223	0.182	0.166	0.150
Maintenance	0.382	0.159	0.323	0.371	0.265	0.258
% of Total BTU Burned						
Coal	99.39%	100.00%	99.65%	99.91%	99.80%	99.92%
Oil	0.61%	0.00%	0.35%	0.09%	0.20%	0.08%
BTU Per Net KWH Generation						
Coal	12,044.739	9,472.671	10,435.180	9,684.384	10,202.263	9,850.991

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	74.241	0.141	36.595	8.381	19.982	7.688
BTU Per Pound of Coal	8,842	8,475	8,781	8,415	8,695	8,439
Cost Per MMBTU Burned Coal	201.660	216.951	198.355	220.019	203.649	216.952
Cost Per Ton of Coal Burned						
Coal	35.144	36.613	34.406	36.737	35.094	36.359
Coal Handling	0.441	0.110	0.312	0.209	0.241	0.193
Total	35.585	36.723	34.718	36.946	35.334	36.552

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	178,586.6	12,001.7	792,640.4	228,821.7	912,264.7	417,171.7
Station Use (MWHR)	329.0	775.7	4,095.0	4,793.0	7,707.0	8,831.0
Generation - Net (MWHR)	178,257.6	11,226.0	788,545.4	224,028.7	904,557.7	408,340.7
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	178,257.6	11,226.0	788,545.4	224,028.7	904,557.7	408,340.7
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	192,949	174,534	1,995,313	1,918,255	3,025,290	2,769,729
Maintenance	197,832	220,138	1,189,348	1,056,849	2,230,617	2,532,783
Total	390,781	394,672	3,184,661	2,975,105	5,255,907	5,302,513
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.219	3.516	0.404	1.328	0.581	1.299
Operation	0.108	1.555	0.253	0.856	0.334	0.678
Maintenance	0.111	1.961	0.151	0.472	0.247	0.620
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	51,635.0	0.0	206,700.0	102,020.0	366,749.0
Station Use (MWHR)	101.0	324.9	1,590.1	1,833.0	2,697.1	2,983.0
Generation - Net (MWHR)	(101.0)	51,310.1	(1,590.1)	204,867.0	99,322.9	363,766.0
Energy Input for Pumping (MWHR)		72,694.0	-	288,739.0	138,376.0	511,937.0
Generation Less Pumping Energy (MWHR)	(101.0)	(21,383.9)	(1,590.1)	(83,872.0)	(39,053.1)	(148,171.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	173,727	177,129	996,646	1,110,353	1,984,126	1,945,606
Maintenance	1,279,233	147,490	2,729,744	896,560	3,971,778	1,359,663
Total	1,452,960	324,619	3,726,390	2,006,913	5,955,904	3,305,269
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	(1,438.574)	0.633	(234.348)	0.980	5.997	0.909
Operation	(172.007)	0.345	(62.678)	0.542	1.998	0.535
Maintenance	(1,266.567)	0.287	(171.670)	0.438	3.999	0.374
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	73,170.0	76,312.0	367,458.1	548,478.0	734,419.6	994,014.0
Station Use (MWHR)	295.0	394.0	2,261.0	3,159.0	3,848.0	5,783.0
Generation - Net (MWHR)	72,875.0	75,918.0	365,197.1	545,319.0	730,571.6	988,231.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	72,875.0	75,918.0	365,197.1	545,319.0	730,571.6	988,231.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	379,176	233,451	2,057,421	1,818,052	3,475,236	3,215,950
Maintenance	61,543	75,619	546,472	424,585	881,488	996,705
Total	440,720	309,071	2,603,893	2,242,637	4,356,723	4,212,655
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.605	0.407	0.713	0.411	0.596	0.426
Operation	0.520	0.308	0.563	0.333	0.476	0.325
Maintenance	0.084	0.100	0.150	0.078	0.121	0.101
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	5,804.4	34,702.3	41,178.7	34,778.7	44,589.9
Station Use (MWHR)	<u>-</u>	1,016.9	4,592.8	6,746.1	4,607.2	7,319.2
Generation - Net (MWHR)	-	4,787.5	30,109.5	34,432.6	30,171.5	37,270.6
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	4,787.5	30,109.5	34,432.6	30,171.5	37,270.6
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	(30)	224,277	1,220,599	1,502,995	1,225,786	1,619,547
Fuel Handling	-	-	-	-	-	-
Operations	39,262	33,791	297,790	210,963	568,054	354,461
Maintenance	148,293	79,485	1,218,098	811,390	4,040,699	1,581,574
Total	187,525	337,553	2,736,487	2,525,348	5,834,539	3,555,581
Quantity of Fuel Burned						
Natural Gas - MCF	(10)	67,359	367,940	449,269	369,498	484,060
Production Cost per Net KWH						
Generated	-	7.051	9.088	7.334	19.338	9.540
Fuel	-	4.685	4.054	4.365	4.063	4.345
Operation	-	0.706	0.989	0.613	1.883	0.951
Maintenance	-	1.660	4.046	2.356	13.392	4.243
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	-	14,069.888	12,220.076	13,047.778	12,246.575	12,987.706

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	296.400	332.958	331.739	334.542	331.744	334.576

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:39:29 AM Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	802.6	825.6	3,753.9	3,621.2	6,128.2	6,341.6
Generation - Net (MWHR)	802.6	825.6	3,753.9	3,621.2	6,128.2	6,341.6
Energy Input for Pumping (MWHR)	<u> </u>				<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	802.6	825.6	3,753.9	3,621.2	6,128.2	6,341.6
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	-	430	2,948	958	6,484
Maintenance	95	1,219	62,294	25,810	66,155	25,810
Total	95	1,219	62,724	28,759	67,113	32,294
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.012	0.148	1.671	0.794	1.095	0.509
Operation	-	-	0.011	0.081	0.016	0.102
Maintenance	0.012	0.148	1.659	0.713	1.080	0.407
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-		-	
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 1 of 1 Run Date: 10/15/19 11:39:30 AM

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	9,825	7,500	61,050	50,975	99,800	81,875
Fuel Handling	-	-	-	-	-	-
Operations	78,938	111,590	682,082	626,379	1,177,324	1,172,241
Maintenance	139,171	142,654	2,656,210	935,585	5,413,926	1,300,978
Total	227,934	261,744	3,399,342	1,612,939	6,691,049	2,555,094
Quantity of Fuel Burned						
Natural Gas - MCF	768,020	705,774	1,540,099	2,465,272	4,943,363	4,109,327
Production Cost per Net KWH						
% of Total BTU Burned Oil						
Oii	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 1 of 1 Run Date: 10/15/19 11:39:30 AM

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	13,336.0	8,224.0	15,066.5	22,523.0	79,135.0	44,632.0
Generation - Net (MWHR)	13,336.0	8,224.0	15,066.5	22,523.0	79,135.0	44,632.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	13,336.0	8,224.0	15,066.5	22,523.0	79,135.0	44,632.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	529,844	340,093	1,506,330	1,297,034	4,189,984	2,413,475
Fuel Handling	-	-	-	-	-	-
Operations	47,660	41,461	257,430	350,248	445,161	597,634
Maintenance	82,145	51,534	1,165,154	385,293	1,678,741	667,942
Total	659,649	433,088	2,928,914	2,032,576	6,313,886	3,679,051
Quantity of Fuel Burned						
Natural Gas - MCF	148,808	91,671	170,096	251,521	893,582	501,770
Production Cost per Net KWH						
Generated	4.946	5.266	19.440	9.024	7.979	8.243
Fuel	3.973	4.135	9.998	5.759	5.295	5.407
Operation	0.357	0.504	1.709	1.555	0.563	1.339
Maintenance	0.616	0.627	7.733	1.711	2.121	1.497
% of Total BTU Burned						
Gas	13.50%	58.62%	16.18%	69.88%	60.48%	70.50%
Oil	86.50%	41.38%	83.82%	30.12%	39.52%	29.50%
BTU Per Net KWH Generation						
Gas	1,568.375	6,687.928	1,897.767	7,990.423	6,985.505	8,125.469
Oil	10,053.251	4,720.389	9,833.565	3,444.644	4,565.022	3,400.566

Cost Per MMBTU Burned

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	2,533.217	618.335	5,268.234	720.702	757.959	665.500

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						-
Total Production Cost						
Fuel - Coal			· -			-
Fuel Handling			· -			-
Operations			·		- 21	-
Maintenance			· <u>-</u>		- 6,740	<u>-</u>
Total			-		- 6,761	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	-	1,952.0	1,063.0	2,554.0
Generation - Net (MWHR)	-	-	-	1,952.0	1,063.0	2,554.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	-	1,952.0	1,063.0	2,554.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	108	81	108	157,719	50,943	180,427
Fuel Handling	-	-	-	-	-	-
Operations	2,662	2,743	14,996	25,321	26,543	42,223
Maintenance	20,685	5,397	63,764	31,041	90,838	146,951
Total	23,455	8,221	78,868	214,082	168,324	369,600
Quantity of Fuel Burned						
Natural Gas - MCF	43	-	43	25,597	15,374	32,664
Oil - Gallons	-	-	-	13,424	-	13,424
Production Cost per Net KWH						
Generated	-	-	-	10.967	15.835	14.471
Fuel	-	-	-	8.080	4.792	7.064
Operation	-	-	-	1.297	2.497	1.653
Maintenance	-	-	-	1.590	8.545	5.754
% of Total BTU Burned						
Gas	-	-	-	93.46%	97.89%	91.07%
Oil	100.00%	-	100.00%	6.54%	2.11%	8.93%
BTU Per Net KWH Generation						
Gas	-	-	-	13,457.992	14,380.056	12,602.258
Oil	-	-	-	942.156	310.442	1,236.069

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas				600.379	333.267	560.572

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	382.0	762.0	702.0	901.0
Station Use (MWHR)	35.0	33.0	361.2	367.0	617.2	598.0
Generation - Net (MWHR)	(35.0)	(33.0)	20.8	395.0	84.8	303.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(35.0)	(33.0)	20.8	395.0	84.8	303.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	110,019	225,694	206,755	273,406
Fuel Handling	-	-	-	-	-	-
Operations	3,588	2,787	23,666	19,490	39,000	31,916
Maintenance	3,264	3,260	48,712	32,733	69,352	59,743
Total	6,852	6,047	182,397	277,917	315,107	365,065
Quantity of Fuel Burned						
Oil - Gallons	-	-	35,927	67,162	66,378	81,360
Production Cost per Net KWH						
Generated	(19.577)	(18.346)	876.489	70.359	371.544	120.483
Fuel	-	-	528.683	57.138	243.786	90.233
Operation	(10.251)	(8.456)	113.724	4.934	45.985	10.533
Maintenance	(9.326)	(9.891)	234.082	8.287	81.773	19.717
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	236,520.855	23,294.162	107,225.398	36,786.535

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:39:33 AM Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	3,526	4,287	22,873	22,090	38,639	36,867
Maintenance	_	2,304	-	13,493	7,783	(45,048)
Total	3,526	6,592	22,873	35,583	46,422	(8,181)
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	_	_	_	_	_	_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	2,041.0	334.0	2,431.0	482.0
Station Use (MWHR)	_	7.0	203.0	297.0	351.0	433.0
Generation - Net (MWHR)	-	(7.0)	1,838.0	37.0	2,080.0	49.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	(7.0)	1,838.0	37.0	2,080.0	49.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	405,426	75,557	495,856	114,497
Fuel Handling	-	-	-	-	-	-
Operations	3,526	2,786	26,826	19,349	42,263	32,510
Maintenance	3,574	11,315	28,439	40,797	50,083	73,303
Total	7,100	14,101	460,691	135,704	588,202	220,310
Quantity of Fuel Burned						
Oil - Gallons	-	-	170,628	29,385	205,797	44,529
Production Cost per Net KWH						
Generated	-	(201.439)	25.065	366.767	28.279	449.612
Fuel	-	-	22.058	204.209	23.839	233.667
Operation	-	(39.800)	1.460	52.294	2.032	66.348
Maintenance	-	(161.639)	1.547	110.263	2.408	149.597
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	13,096.583	115,209.357	14,025.637	131,828.904

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	2,125.0	334.0	2,498.0	334.0
Station Use (MWHR)		37.0	-	275.0	153.0	434.0
Generation - Net (MWHR)	-	(37.0)	2,125.0	59.0	2,345.0	(100.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	(37.0)	2,125.0	59.0	2,345.0	(100.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	318,569	44,251	389,962	50,242
Fuel Handling	-	-	-	-	-	-
Operations	3,587	2,787	26,158	19,281	41,533	31,596
Maintenance	1,911	5,234	46,268	61,528	81,136	107,010
Total	5,498	8,021	390,996	125,060	512,631	188,848
Quantity of Fuel Burned						
Oil - Gallons	-	-	175,526	27,559	219,988	31,290
Production Cost per Net KWH						
Generated	-	(21.678)	18.400	211.967	21.861	(188.848)
Fuel	-	-	14.991	75.001	16.630	(50.242)
Operation	-	(7.532)	1.231	32.680	1.771	(31.596)
Maintenance	-	(14.146)	2.177	104.286	3.460	(107.010)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	11,316.264	63,992.003	12,852.201	(42,866.752)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:39:34 AM

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	615.0	483.0	864.0	483.0
Station Use (MWHR)	26.0	26.0	237.0	254.0	403.0	414.0
Generation - Net (MWHR)	(26.0)	(26.0)	378.0	229.0	461.0	69.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(26.0)	(26.0)	378.0	229.0	461.0	69.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	110,710	69,718	151,805	69,718
Fuel Handling	-	-	-	-	-	-
Operations	3,588	2,851	22,727	19,698	38,003	32,098
Maintenance	1,382	7,794	39,303	41,885	58,034	64,897
Total	4,970	10,645	172,740	131,301	247,842	166,713
Quantity of Fuel Burned						
Oil - Gallons	-	-	58,893	42,518	81,661	42,518
Production Cost per Net KWH						
Generated	(19.116)	(40.943)	45.698	57.337	53.762	241.613
Fuel	-	-	29.288	30.444	32.929	101.040
Operation	(13.800)	(10.965)	6.012	8.602	8.244	46.519
Maintenance	(5.316)	(29.978)	10.398	18.291	12.589	94.054
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	21,441.762	25,644.478	24,388.534	85,109.934

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Curr	ent	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Mon	ıth	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activ	/ity	Activity	Activity	Activity	Activity	Activity
			•	•		

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Maintenance	-	- 131	-	. 131	-	131
Total		- 131	-	. 131		131
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,145.0	7,397.0	2,314.0	15,114.0	18,665.0	27,023.0
Generation - Net (MWHR)	2,145.0	7,397.0	2,314.0	15,114.0	18,665.0	27,023.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	2,145.0	7,397.0	2,314.0	15,114.0	18,665.0	27,023.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	166,287	371,377	594,328	1,025,688	1,576,216	1,905,380
Fuel Handling	-	-	-	-	-	-
Operations	610	99	5,389	18,610	25,762	67,324
Maintenance	51,664	42,104	384,774	313,902	612,596	547,134
Total	218,561	413,580	984,492	1,358,200	2,214,573	2,519,838
Quantity of Fuel Burned						
Natural Gas - MCF	26,787	98,787	30,629	201,711	243,841	359,044
Production Cost per Net KWH						
Generated	10.189	5.591	42.545	8.986	11.865	9.325
Fuel	7.752	5.021	25.684	6.786	8.445	7.051
Operation	0.028	0.001	0.233	0.123	0.138	0.249
Maintenance	2.409	0.569	16.628	2.077	3.282	2.025
% of Total BTU Burned						
Gas	18.68%	15.27%	28.42%	41.47%	16.59%	48.20%
Oil	81.32%	84.73%	71.58%	58.53%	83.41%	51.80%
BTU Per Net KWH Generation						
Gas	2,434.423	2,088.756	3,920.846	5,676.664	2,231.153	6,565.685
Oil	10,599.610	11,588.411	9,873.450	8,011.374	11,221.298	7,054.861

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	3,184.459	2,403.655	6,550.634	1,195.481	3,784.934	1,073.910

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,608.0	3,946.0	1,989.0	10,527.0	5,705.0	18,622.0
Station Use (MWHR)	156.0	175.0	1,181.0	1,390.0	1,951.0	2,282.0
Generation - Net (MWHR)	1,452.0	3,771.0	808.0	9,137.0	3,754.0	16,340.0
Energy Input for Pumping (MWHR)			<u>-</u>	<u> </u>	<u> </u>	<u>-</u> _
Generation Less Pumping Energy (MWHR)	1,452.0	3,771.0	808.0	9,137.0	3,754.0	16,340.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	90,988	170,955	227,349	570,009	484,856	1,069,474
Fuel Handling	-	-	-	-	-	-
Operations	7,383	7,170	62,196	67,216	107,526	138,521
Maintenance	23,175	42,533	445,222	309,257	816,092	518,086
Total	121,545	220,657	734,767	946,482	1,408,474	1,726,082
Quantity of Fuel Burned						
Natural Gas - MCF	18,370	47,909	26,165	128,815	73,906	223,786
Production Cost per Net KWH						
Generated	8.371	5.851	90.936	10.359		
Fuel	6.266	4.533	28.137	6.238		
Operation	0.508	0.190	7.697	0.736		
Maintenance	1.596	1.128	55.102	3.385	21.739	3.171
% of Total BTU Burned						
Gas	4.91%	81.01%	3.46%	79.36%	59.34%	81.36%
Oil	95.09%	18.99%	96.54%	20.64%	40.66%	18.64%
BTU Per Net KWH Generation						
Gas	647.031	10,547.021	1,162.735	11,466.067	12,012.709	11,503.718
Oil	12,517.569	2,472.072	32,449.889	2,982.330	8,231.830	2,634.838

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	9,684.808	429.828	24,199.206	544.081	1,075.172	568.958

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	27,504.0	26,424.0	45,856.7	72,729.0	123,711.3	111,727.0
Station Use (MWHR)	477.0	582.0	1,119.0	2,605.0	2,579.0	3,439.0
Generation - Net (MWHR)	27,027.0	25,842.0	44,737.7	70,124.0	121,132.3	108,288.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	27,027.0	25,842.0	44,737.7	70,124.0	121,132.3	108,288.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	745,683	883,900	1,682,109	2,835,306	4,409,676	4,537,821
Fuel Handling	-	-	-	-	-	-
Operations	34,352	50,916	96,412	152,150	247,103	299,771
Maintenance	111,812	152,995	1,369,250	1,161,780	2,355,079	1,816,817
Total	891,847	1,087,811	3,147,771	4,149,236	7,011,857	6,654,409
Quantity of Fuel Burned						
Natural Gas - MCF	250,932	284,310	430,234	708,077	1,188,283	1,100,778
Production Cost per Net KWH						
Generated	3.300	4.209	7.036	5.917	5.789	6.145
Fuel	2.759	3.420	3.760	4.043	3.640	4.191
Operation	0.127	0.197	0.216	0.217	0.204	0.277
Maintenance	0.414	0.592	3.061	1.657	1.944	1.678
% of Total BTU Burned						
Gas	15.96%	96.68%	18.98%	87.79%	57.54%	87.07%
Oil	84.04%	3.32%	81.02%	12.21%	42.46%	12.93%
BTU Per Net KWH Generation						
Gas	1,547.102	9,717.338	1,897.217	9,089.101	5,819.050	9,103.612
Oil	8,144.614	333.664	8,097.119	1,264.659	4,294.834	1,351.674

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,783.355	351.990	1,981.816	444.849	625.597	460.313

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	2,047.0	143.0	4,449.0	4,578.0	6,557.0
Station Use (MWHR)		4.0	1.0	6.0	3.0	8.0
Generation - Net (MWHR)	-	2,043.0	142.0	4,443.0	4,575.0	6,549.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	2,043.0	142.0	4,443.0	4,575.0	6,549.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	105,117	178,229	679,323	920,285	1,381,793	1,577,445
Fuel Handling	-	-	-	-	-	-
Operations	6,025	3,974	17,826	27,998	60,603	84,260
Maintenance	50,754	36,558	361,985	304,852	546,331	528,597
Total	161,895	218,761	1,059,134	1,253,135	1,988,727	2,190,303
Quantity of Fuel Burned						
Natural Gas - MCF	-	26,243	3,898	57,018	60,668	87,600
Production Cost per Net KWH						
Generated	-	10.708	745.869	28.205	43.469	33.445
Fuel	-	8.724	478.397	20.713	30.203	24.087
Operation	-	0.195	12.554	0.630	1.325	1.287
Maintenance	-	1.789	254.919	6.861	11.942	8.071
% of Total BTU Burned						
Gas	-	6.25%	2.80%	41.38%	63.94%	46.08%
Oil	-	93.75%	97.20%	58.62%	36.06%	53.92%
BTU Per Net KWH Generation						
Gas	-	821.341	801.788	5,403.150	8,692.380	6,238.810
Oil	-	12,318.649	27,824.973	7,654.693	4,902.374	7,301.578

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 10,621.487	596,662.563	3,833.530	3,474.667	3,860.802

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:39:38 AM

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	20,397.9	15,382.6	57,436.1	61,734.0	90,348.5	83,792.0
Station Use (MWHR)	98.0	105.0	1,604.0	1,237.0	2,542.0	1,935.0
Generation - Net (MWHR)	20,299.9	15,277.6	55,832.1	60,497.0	87,806.5	81,857.0
Energy Input for Pumping (MWHR)		-	-	-	-	_
Generation Less Pumping Energy (MWHR)	20,299.9	15,277.6	55,832.1	60,497.0	87,806.5	81,857.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	424,775	627,157	1,758,665	2,444,552	3,470,676	3,942,320
Fuel Handling	-	-	-	-	-	-
Operations	29,842	32,183	93,119	224,514	249,079	439,067
Maintenance	66,427	37,852	853,865	1,096,787	1,893,755	1,479,572
Total	521,044	697,193	2,705,649	3,765,853	5,613,510	5,860,960
Quantity of Fuel Burned						
Natural Gas - MCF	214,855	167,425	602,835	665,352	957,607	901,541
Production Cost per Net KWH						
Generated	2.567	4.563	4.846	6.225	6.393	7.160
Fuel	2.093	4.105	3.150	4.041	3.953	4.816
Operation	0.147	0.211	0.167	0.371	0.284	0.536
Maintenance	0.327	0.248	1.529	1.813	2.157	1.808
% of Total BTU Burned						
Gas	17.64%	94.31%	29.90%	80.88%	50.18%	82.64%
Oil	82.36%	5.69%	70.10%	19.12%	49.82%	17.36%
BTU Per Net KWH Generation						
Gas	1,923.254	10,563.539	3,307.572	9,102.783	5,598.543	9,317.874
Oil	8,977.840	637.566	7,755.589	2,152.222	5,558.725	1,956.862

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,088.000	388.608	952.335	443.906	706.012	516.868

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:39:39 AM

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	7,499.0	1,109.5	19,563.0	32,032.6	39,665.0
Station Use (MWHR)	0.1	0.2	0.2	12.2	1.1	22.2
Generation - Net (MWHR)	(0.1)	7,498.8	1,109.3	19,550.8	32,031.5	39,642.8
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(0.1)	7,498.8	1,109.3	19,550.8	32,031.5	39,642.8
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	373,685	373,953	1,408,310	1,443,625	2,922,225	2,899,090
Fuel Handling	-	-	-	-	-	-
Operations	9,651	11,099	83,050	89,156	134,217	154,054
Maintenance	34,771	45,137	322,559	327,183	601,843	744,305
Total	418,107	430,189	1,813,919	1,859,964	3,658,285	3,797,448
Quantity of Fuel Burned						
Natural Gas - MCF	-	72,563	14,050	186,034	380,288	427,240
Production Cost per Net KWH						
Generated	(501,929.280)	5.737	163.523	9.513	11.421	9.579
Fuel	(448,601.561)	4.987	126.957	7.384	9.123	7.313
Operation	(11,585.942)	0.148	7.487	0.456	0.419	0.389
Maintenance	(41,741.777)	0.602	29.078	1.673	1.879	1.878
% of Total BTU Burned						
Gas	-	83.37%	9.15%	67.29%	30.17%	40.18%
Oil	-	16.63%	90.85%	32.71%	69.83%	59.82%
BTU Per Net KWH Generation						
Gas	-	8,212.945	1,172.941	6,542.751	3,645.847	4,432.935
Oil	-	1,638.454	11,647.119	3,181.131	8,440.188	6,599.576

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 607.189	108,238.628	1,128.570	2,502.291	1,649.702

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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ACTUAL, 2019, Aug, OEC.OF, <entity curt="" total="">, [ICF Top], 1_ALL, RMC_ALL, DN_ALL, ACTV_ALL</entity>	20
Montgomery Renewable Energy Center	20
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ACTV_ALL	21
Generation Common	
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ACTV_ALL	22
Venice CTG	
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ACTV ALL	23
Howard Bend CTG	
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Meramec CTG	
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ACTV_ALL	26
Fairgrounds CTG	=
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Kirksville CTG	9
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ACTV ALL	30
Moreau CTG	
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Moberly CTG	
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ACTV_ALL	33
Mexico CTG	
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ACTV ALL	35
Viaduct CTG	
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ACTV ALL	37
Goose Creek	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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ACTV_ALL	38
Kinmundy CTG	20
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ACTV_ALL	40
Pinckneyville CTG	
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ACTV_ALL	42
Racoon Creek CTG	
ACTUAL, 2019, Aug, UEC.7R, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	44
Peno Creek CTG	Т
ACTUAL, 2019, Aug, UEC.98, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	46
Audrain CTG	
ACTUAL, 2019, Aug, UEC.7A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
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ACTV ALL	48
Sioux-Rush Island Transfer Facility	
ACTUAL, 2019, Aug, UEC.5C, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	50

Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,739,688.5	4,242,827.6	25,807,311.5	31,049,859.2	40,391,281.7	44,076,214.1
Station Use (MWHR)	190,408.9	224,075.6	1,378,735.9	1,663,038.4	2,121,046.5	2,413,739.9
Generation - Net (MWHR)	3,549,279.7	4,018,752.0	24,428,575.5	29,386,820.8	38,270,235.2	41,662,474.3
Energy Input for Pumping (MWHR)		70,417.0	-	359,156.0	67,959.0	515,237.0
Generation Less Pumping Energy (MWHR)	3,549,279.7	3,948,335.0	24,428,575.5	29,027,664.8	38,202,276.2	41,147,237.3
Total Production Cost						
Fuel - Coal	42,470,179	58,662,686	302,800,111	425,707,997	476,315,531	644,284,555
Fuel - Natural Gas	1,600,851	3,273,545	12,743,211	17,242,576	22,495,882	24,062,073
Fuel - Oil	128,212	357,768	2,925,775	2,142,711	3,899,795	3,103,304
Fuel Handling	682,890	762,322	6,436,825	5,760,891	9,030,101	9,083,344
Nuclear	7,777,891	8,095,105	48,397,657	63,918,112	79,619,602	75,838,918
Operations	10,200,180	10,930,998	94,217,630	91,029,090	137,004,284	139,303,030
Maintenance	13,060,070	12,084,655	128,017,948	95,245,008	193,897,772	167,278,723
Total	75,920,274	94,167,080	595,539,157	701,046,383	922,262,968	1,062,953,947
Quantity of Fuel Burned						
Coal - Tons	1,450,958	1,745,405	10,096,131	12,119,407	15,450,629	18,020,788
Nuclear - MMBTU	9,047,125	9,046,480	56,330,839	70,795,581	91,942,974	84,627,112
Natural Gas - MCF	628,840	1,600,731	4,031,007	7,098,297	8,991,467	9,835,810
Oil - Gallons	76,419	170,300	1,927,715	1,164,576	2,519,835	1,732,092
Production Cost per Net KWH						
Generated	2.139	2.343	2.438	2.386	2.410	2.551
Fuel	1.245	1.550	1.304	1.515	1.314	1.612
Fuel Handling	0.019	0.019	0.026	0.020	0.024	0.022
Nuclear Fuel Burned	0.219	0.201	0.198	0.218	0.208	0.182
Operation	0.287	0.272	0.386	0.310	0.358	0.334
Maintenance	0.368	0.301	0.524	0.324	0.507	0.402

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics

Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	72.11%	75.67%	74.47%	74.04%	73.29%	77.82%
Nuclear	26.91%	22.23%	24.45%	24.54%	25.34%	20.81%
Gas	0.56%	1.59%	0.47%	1.11%	0.76%	1.03%
Oil	0.42%	0.51%	0.61%	0.30%	0.60%	0.34%
BTU Per Net KWH Generation						
Coal	6,830.790	7,662.462	7,023.355	7,267.992	6,949.007	7,594.084
Nuclear	2,549.003	2,251.067	2,305.940	2,409.093	2,402.467	2,031.255
Gas	53.083	160.697	44.499	108.882	72.434	100.322
Oil	40.218	51.426	57.445	29.935	57.278	33.040
BTU Per Pound of Coal	8,355	8,821	8,497	8,812	8,606	8,778
Cost Per MMBTU Burned						
Coal	177.992	192.979	180.239	202.014	182.502	206.508
Nuclear	85.971	89.483	85.917	90.285	86.597	89.615
Natural Gas	849.677	506.897	1,172.276	538.882	811.522	575.694
Cost Per Ton of Coal Burned						
Coal	29.270	33.610	29.992	35.126	30.828	35.752
Coal Handling	0.383	0.348	0.500	0.384	0.455	0.416
Total	29.653	33.957	30.492	35.510	31.283	36.168

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	940,291.0	928,169.0	5,873,407.5	7,379,621.0	9,621,469.7	8,813,289.0
Station Use (MWHR)	38,167.0	40,482.0	266,620.8	314,396.0	424,630.1	410,765.0
Generation - Net (MWHR)	902,124.0	887,687.0	5,606,786.7	7,065,225.0	9,196,839.6	8,402,524.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	902,124.0	887,687.0	5,606,786.7	7,065,225.0	9,196,839.6	8,402,524.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,777,891	8,095,105	48,397,657	63,918,112	79,619,602	75,838,918
Operations	5,480,878	5,727,914	54,108,755	50,090,840	77,694,871	78,934,038
Maintenance	3,511,021	2,818,413	54,393,095	28,940,159	70,090,734	68,931,144
Total	16,769,790	16,641,433	156,899,507	142,949,111	227,405,207	223,704,100
Quantity of Fuel Burned						
Nuclear - MMBTU	9,047,125	9,046,480	56,330,839	70,795,581	91,942,974	84,627,112
Production Cost per Net KWH						
Generated	1.859	1.875	2.798	2.023	2.473	2.662
Nuclear Fuel Burned	0.862	0.912	0.863	0.905	0.866	0.903
Operation	0.608	0.645	0.965	0.709	0.845	0.939
Maintenance	0.389	0.318	0.970	0.410	0.762	0.820
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,028.694	10,191.070	10,046.902	10,020.287	9,997.236	10,071.630

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	85.971	89.483	85.917	90.285	86.597	89.615

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	96.0	96.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	96.0	96.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	96.0	96.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	55,921.0	247,530.0	532,276.6	1,268,589.0	791,121.6	1,695,044.0
Station Use (MWHR)	8,753.0	24,634.1	70,215.7	145,699.5	105,536.2	208,012.5
Generation - Net (MWHR)	47,168.0	222,895.9	462,061.0	1,122,889.5	685,585.4	1,487,031.5
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	47,168.0	222,895.9	462,061.0	1,122,889.5	685,585.4	1,487,031.5
Total Production Cost						
Fuel - Coal	960,351	3,980,708	9,293,444	23,503,687	12,499,819	33,344,748
Fuel - Natural Gas	105,148	696,684	1,164,612	2,002,306	2,520,707	2,519,670
Fuel Handling	61,049	124,310	559,033	677,995	876,688	1,012,975
Operations	646,780	721,823	4,863,576	5,690,275	7,415,239	8,388,569
Maintenance	1,192,660	1,029,161	6,806,720	7,267,831	10,011,093	10,314,736
Total	2,965,987	6,552,686	22,687,385	39,142,094	33,323,546	55,580,698
Quantity of Fuel Burned						
Coal - Tons	32,610	133,092	313,722	739,730	421,182	1,001,604
Natural Gas - MCF	42,457	219,212	258,635	578,112	660,193	734,794
Oil - Gallons	4,520	6,367	21,393	35,112	38,556	51,741
Production Cost per Net KWH						
Generated	6.288	2.940	4.910	3.486	4.861	3.738
Fuel	2.259	2.098	2.263	2.271	2.191	2.412
Fuel Handling	0.129	0.056	0.121	0.060	0.128	0.068
Operation	1.371	0.324	1.053	0.507	1.082	0.564
Maintenance	2.529	0.462	1.473	0.647	1.460	0.694
% of Total BTU Burned						
Coal	93.02%	91.45%	95.48%	95.68%	91.79%	95.91%
Gas	6.98%	8.55%	4.52%	4.32%	8.21%	4.09%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	12,335.214	10,689.669	12,105.291	11,660.361	10,973.848	11,843.351
Gas	925.797	1,000.000	573.093	526.092	981.484	505.303
BTU Per Pound of Coal	8,921	8,951	8,915	8,850	8,931	8,792
Cost Per MMBTU Burned						
Coal	175.550	172.285	176.145	184.688	177.796	195.088
Natural Gas	240.789	312.560	439.801	338.947	374.609	335.330
Cost Per Ton of Coal Burned						
Coal	29.450	29.909	29.623	31.773	29.678	33.291
Coal Handling	1.837	0.930	1.755	0.911	2.056	0.996
Total	31.286	30.839	31.378	32.684	31.734	34.288

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	339,482.0	463,039.0	3,155,691.5	4,173,666.0	5,091,514.7	5,569,221.0
Station Use (MWHR)	28,911.0	36,002.0	239,162.7	308,286.0	375,475.7	420,777.0
Generation - Net (MWHR)	310,571.0	427,037.0	2,916,528.8	3,865,380.0	4,716,039.0	5,148,444.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	310,571.0	427,037.0	2,916,528.8	3,865,380.0	4,716,039.0	5,148,444.0
Total Production Cost						
Fuel - Coal	6,781,800	9,028,313	55,202,488	77,338,945	87,389,143	102,658,427
Fuel - Oil	46,037	102,386	330,092	257,554	373,576	452,614
Fuel Handling	201,028	233,130	1,556,202	1,766,571	2,194,301	2,668,355
Operations	795,952	940,925	7,651,057	6,857,224	10,696,910	10,186,595
Maintenance	2,187,699	1,928,854	15,534,088	13,717,455	24,815,227	25,492,860
Total	10,012,516	12,233,607	80,273,926	99,937,750	125,469,158	141,458,852
Quantity of Fuel Burned						
Coal - Tons	206,284	259,107	1,657,998	2,186,775	2,613,834	2,871,052
Oil - Gallons	21,807	47,167	166,218	130,344	185,977	235,180
Production Cost per Net KWH						
Generated	3.224	2.865	2.752	2.585		2.748
Fuel	2.198	2.138	1.904	2.007	1.861	2.003
Fuel Handling	0.065	0.055	0.053	0.046	0.047	0.052
Operation	0.256	0.220	0.262	0.177	0.227	0.198
Maintenance	0.704	0.452	0.533	0.355	0.526	0.495
% of Total BTU Burned						
Coal	99.92%	99.87%	99.93%	99.96%	99.95%	99.94%
Oil	0.08%	0.13%	0.07%	0.04%	0.05%	0.06%
BTU Per Net KWH Generation						
Coal	12,471.493	11,237.446	10,666.273	10,453.460	10,306.316	10,266.582

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	9.620	15.132	7.808	4.620	5.403	6.258
BTU Per Pound of Coal	9,388	9,260	9,381	9,239	9,298	9,205
Cost Per MMBTU Burned Coal	180.282	192.995	182.454	195.774	184.309	199.268
Cost Per Ton of Coal Burned						
Coal	32.876	34.844	33.295	35.367	33.433	35.756
Coal Handling	0.912	0.802	0.853	0.733	0.751	0.853
Total	33.788	35.646	34.148	36.100	34.185	36.609

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,539,007.0	1,548,574.0	10,904,332.9	11,817,794.0	15,675,693.2	17,655,462.0
Station Use (MWHR)	75,288.0	76,490.0	529,456.4	588,250.0	764,661.4	879,479.0
Generation - Net (MWHR)	1,463,719.0	1,472,084.0	10,374,876.5	11,229,544.0	14,911,031.8	16,775,983.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,463,719.0	1,472,084.0	10,374,876.5	11,229,544.0	14,911,031.8	16,775,983.0
Total Production Cost						
Fuel - Coal	24,052,951	27,861,428	167,684,668	225,089,315	243,129,154	342,823,654
Fuel - Oil	73,835	203,940	960,367	1,135,933	1,461,875	1,610,878
Fuel Handling	338,248	308,318	3,491,737	2,566,332	4,688,476	4,249,862
Operations	1,519,278	1,674,220	12,493,582	12,679,909	18,219,772	18,761,831
Maintenance	4,292,583	3,038,441	26,412,571	19,390,837	46,846,255	27,482,381
Total	30,276,893	33,086,347	211,042,925	260,862,327	314,345,531	394,928,606
Quantity of Fuel Burned						
Coal - Tons	888,732	870,023	6,058,835	6,478,057	8,574,333	9,603,620
Oil - Gallons	45,798	93,303	504,817	558,338	739,131	828,330
Production Cost per Net KWH						
Generated	2.068	2.248	2.034	2.323	2.108	2.354
Fuel	1.648	1.907	1.626	2.015	1.640	2.053
Fuel Handling	0.023	0.021	0.034	0.023	0.031	0.025
Operation	0.104	0.114	0.120	0.113	0.122	0.112
Maintenance	0.293	0.206	0.255	0.173	0.314	0.164
% of Total BTU Burned						
Coal	99.96%	99.92%	99.93%	99.93%	99.93%	99.93%
Oil	0.04%	0.08%	0.07%	0.07%	0.07%	0.07%
BTU Per Net KWH Generation						
Coal	9,674.200	10,454.008	9,507.793	10,178.622	9,578.512	10,084.084

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	4.291	8.611	6.671	6.754	6.816	6.726
BTU Per Pound of Coal	7,967	8,844	8,140	8,822	8,329	8,808
Cost Per MMBTU Burned Coal	172.250	183.049	173.533	199.172	173.511	205.162
Cost Per Ton of Coal Burned						
Coal	27.064	32.024	27.676	34.746	28.355	35.697
Coal Handling	0.279	0.233	0.410	0.283	0.379	0.332
Total	27.343	32.257	28.086	35.030	28.735	36.029

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	577,245.0	839,758.0	3,726,143.8	4,955,044.0	6,988,008.9	8,230,663.0
Station Use (MWHR)	37,562.0	44,360.0	254,307.1	281,325.0	423,663.1	460,111.0
Generation - Net (MWHR)	539,683.0	795,398.0	3,471,836.6	4,673,719.0	6,564,345.8	7,770,552.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	539,683.0	795,398.0	3,471,836.6	4,673,719.0	6,564,345.8	7,770,552.0
Total Production Cost						
Fuel - Coal	10,675,077	17,792,237	70,619,512	99,776,048	133,297,416	165,457,727
Fuel - Oil	8,340	51,442	1,635,315	749,225	2,064,344	1,039,812
Fuel Handling	82,566	96,564	829,853	749,992	1,270,637	1,152,151
Operations	878,767	975,948	7,419,620	8,032,019	11,209,865	11,608,560
Maintenance	1,283,858	1,993,515	10,747,763	16,381,010	17,345,419	20,669,357
Total	12,928,609	20,909,706	91,252,063	125,688,294	165,187,682	199,927,607
Quantity of Fuel Burned						
Coal - Tons	323,332	483,183	2,065,576	2,714,845	3,841,280	4,544,512
Oil - Gallons	4,294	23,463	794,313	260,734	982,346	431,451
Production Cost per Net KWH						
Generated	2.396	2.629	2.628	2.689	2.516	2.573
Fuel	1.980	2.243	2.081	2.151	2.062	2.143
Fuel Handling	0.015	0.012	0.024	0.016	0.019	0.015
Operation	0.163	0.123	0.214	0.172	0.171	0.149
Maintenance	0.238	0.251	0.310	0.350	0.264	0.266
% of Total BTU Burned						
Coal	99.99%	99.96%	99.70%	99.92%	99.80%	99.92%
Oil	0.01%	0.04%	0.30%	0.08%	0.20%	0.08%
BTU Per Net KWH Generation						
Coal	10,430.128	10,338.052	10,434.394	9,795.629	10,204.543	9,876.975

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.090	4.041	31.076	7.643	20.360	7.607
BTU Per Pound of Coal	8,705	8,509	8,769	8,432	8,719	8,444
Cost Per MMBTU Burned Coal	191.112	217.549	197.229	219.575	200.889	217.083
Cost Per Ton of Coal Burned						
Coal	33.016	36.823	34.189	36.752	34.701	36.408
Coal Handling	0.185	0.150	0.292	0.199	0.247	0.188
Total	33.201	36.973	34.481	36.951	34.949	36.596

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	162,525.0	9,728.0	955,165.4	238,549.7	1,065,061.7	333,231.7
Station Use (MWHR)	330.0	581.0	4,425.0	5,374.0	7,456.0	8,953.0
Generation - Net (MWHR)	162,195.0	9,147.0	950,740.4	233,175.7	1,057,605.7	
Energy Input for Pumping (MWHR)	=	-	-	-	=	-
Generation Less Pumping Energy (MWHR)	162,195.0	9,147.0	950,740.4	233,175.7	1,057,605.7	324,278.7
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	170,574	166,411	2,165,888	2,084,666	3,029,454	2,779,904
Maintenance	178,290	136,725	1,367,637	1,193,574	2,272,182	2,120,614
Total	348,864	303,135	3,533,525	3,278,240	5,301,636	4,900,518
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.215	3.314	0.372	1.406	0.501	1.511
Operation	0.105	1.819	0.228	0.894	0.286	0.857
Maintenance	0.110	1.495	0.144	0.512	0.215	0.654
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics

Period: Aug Year: 2019

Prior Year Current Year Prior Year Current Year Prior Year Current Month Same Month Year-to-Date 12 Months End 12 Months End Year-to-Date Activity **Activity Activity** Activity **Activity** Activity Generation - Gross (MWHR) 51,224.0 0.0 257,924.0 50.796.0 371,769.0 Station Use (MWHR) 243.0 237.0 1,833.1 2,070.0 2,703.1 2,999.0 Generation - Net (MWHR) (243.0)50,987.0 (1,833.1)255,854.0 48,092.9 368,770.0 Energy Input for Pumping (MWHR) 70,417.0 359,156.0 67,959.0 515,237.0 Generation Less Pumping Energy (MWHR) (243.0)(1,833.1)(103,302.0)(19,866.1) (146,467.0)(19,430.0)**Total Production Cost** Fuel - Coal Fuel Handling 159,036 Operations 151,998 1,155,682 1,262,351 1,991,164 1,927,568 (554, 195)2,175,550 1,021,488 3,292,656 Maintenance 124,927 1,410,244 Total 276,926 3.337.812 (395, 159)3,331,231 2.283.839 5,283,819 Quantity of Fuel Burned Production Cost per Net KWH Generated 162.617 0.543 (181.726)0.893 10.987 0.905 Operation (65.447)0.298 (63.045)0.493 4.140 0.523 228.064 0.245 (118.681)0.399 6.846 0.382 Maintenance % of Total BTU Burned Oil

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	99,099.0	97,864.0	466,557.1	646,342.0	735,654.6	987,931.0
Station Use (MWHR)	283.0	•	2,544.0	3,591.0	·	•
Generation - Net (MWHR)	98,816.0	97,432.0	464,013.1	642,751.0	731,955.6	
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	98,816.0	97,432.0	464,013.1	642,751.0	731,955.6	982,287.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	258,189	208,875	2,315,610	2,026,926	3,524,550	3,140,507
Maintenance	72,929	39,895	619,401	464,480	914,522	947,996
Total	331,118	248,770	2,935,011	2,491,406	4,439,072	4,088,503
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.335	0.255	0.633	0.388	0.606	0.416
Operation	0.261	0.214	0.499	0.315	0.482	0.320
Maintenance	0.074	0.041	0.133	0.072	0.125	0.097
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)		-				-
Total Production Cost Fuel - Coal Fuel Handling					- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	76.4	34,702.3	41,255.2	34,702.3	43,888.0
Station Use (MWHR)		14.4	4,592.8	6,760.5	4,592.8	7,178.0
Generation - Net (MWHR)	-	62.1	30,109.5	34,494.7	30,109.5	36,710.0
Energy Input for Pumping (MWHR)		-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	62.1	30,109.5	34,494.7	30,109.5	36,710.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	5,188	1,220,599	1,508,183	1,220,598	1,598,146
Fuel Handling	-	-	-	-	-	-
Operations	36,253	34,197	334,043	245,160	570,110	355,452
Maintenance	274,317	306,929	1,492,415	1,118,319	4,008,087	1,784,178
Total	310,570	346,314	3,047,057	2,871,662	5,798,795	3,737,775
Quantity of Fuel Burned						
Natural Gas - MCF	-	1,558	367,940	450,827	367,940	477,681
Production Cost per Net KWH						
Generated	-	557.958	10.120	8.325	19.259	10.182
Fuel	-	8.359	4.054	4.372	4.054	4.353
Operation	-	55.095	1.109	0.711	1.893	0.968
Maintenance	-	494.504	4.957	3.242	13.312	4.860
% of Total BTU Burned						
Gas	-	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	-	25,101.502	12,220.076	13,069.467	12,220.076	13,012.302

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		- 332.993	331.739	334.537	331.738	334.563

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:46:11 AM Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	723.0	705.2	4,476.9	4,326.4	6,146.0	6,297.5
Generation - Net (MWHR)	723.0		4,476.9	4,326.4	·	
Energy Input for Pumping (MWHR)	-	_	, -	, -		-
Generation Less Pumping Energy (MWHR)	723.0	705.2	4,476.9	4,326.4	6,146.0	6,297.5
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	85	5 81	515	3,029	962	5,972
Maintenance	227	1,877	62,521	27,688	64,505	27,688
Total	311	1,958	63,036	30,717	65,466	33,659
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.043	0.278	1.408	0.710	1.065	0.534
Operation	0.012	0.011	0.012	0.070	0.016	0.095
Maintenance	0.031	0.266	1.397	0.640	1.050	0.440
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	9,050	7,500	70,100	58,475	101,350	84,875
Fuel Handling	-	-	-	-	-	-
Operations	74,663	81,209	756,745	707,589	1,170,777	1,162,089
Maintenance	136,781	137,432	2,792,991	1,073,017	5,413,274	1,437,356
Total	220,494	226,142	3,619,836	1,839,081	6,685,401	2,684,321
Quantity of Fuel Burned						
Natural Gas - MCF	321,294	789,695	1,861,393	3,254,967	4,474,962	4,629,444
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,825.0	10,536.0	18,891.5	33,059.0	72,424.0	54,213.0
Generation - Net (MWHR)	3,825.0	10,536.0	18,891.5	33,059.0	72,424.0	54,213.0
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	3,825.0	10,536.0	18,891.5	33,059.0	72,424.0	54,213.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	260,185	439,280	1,766,515	1,736,314	4,010,889	2,761,492
Fuel Handling	-	-	-	-	-	-
Operations	45,679	35,297	303,109	385,546	455,543	589,571
Maintenance	70,282	85,603	1,235,436	470,896	1,663,420	682,222
Total	376,146	560,180	3,305,060	2,592,755	6,129,852	4,033,286
Quantity of Fuel Burned						
Natural Gas - MCF	43,489	117,829	213,585	369,350	819,242	609,127
Production Cost per Net KWH						
Generated	9.834	5.317	17.495	7.843	8.464	7.440
Fuel	6.802	4.169	9.351	5.252	5.538	5.094
Operation	1.194	0.335	1.604	1.166	0.629	1.088
Maintenance	1.837	0.812	6.540	1.424	2.297	1.258
% of Total BTU Burned						
Gas	42.02%	41.89%	21.47%	60.95%	62.15%	64.48%
Oil	57.98%	58.11%	78.53%	39.05%	37.85%	35.52%
BTU Per Net KWH Generation						
Gas	4,998.840	4,793.447	2,525.648	6,971.537	7,199.474	7,423.543
Oil	6,898.154	6,650.745	9,239.226	4,466.438	4,384.820	4,090.245

Cost Per MMBTU Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	1,360.759	869.797	3,702.356	753.373	769.232	686.166

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling		-	-			-
Operations		-	-		- 21	-
Maintenance			<u>-</u>	•	- 6,740	<u>-</u>
Total			-		- 6,761	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	194.0	13.0	194.0	1,965.0	1,244.0	2,445.0
Generation - Net (MWHR)	194.0	13.0	194.0	1,965.0	1,244.0	2,445.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	194.0	13.0	194.0	1,965.0	1,244.0	2,445.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	6,554	719	6,662	158,438	56,778	179,899
Fuel Handling	-	-	-	-	-	-
Operations	4,636	1,549	19,632	26,870	29,630	40,490
Maintenance	18,384	3,295	82,148	34,336	105,927	67,146
Total	29,574	5,563	108,442	219,645	192,335	287,536
Quantity of Fuel Burned						
Natural Gas - MCF	2,665	227	2,708	25,824	17,812	32,494
Oil - Gallons	-	-	-	13,424	-	13,424
Production Cost per Net KWH						
Generated	15.244	42.791	55.898	11.178	15.461	11.760
Fuel	3.378	5.529	3.434	8.063	4.564	7.358
Operation	2.390	11.915	10.120	1.367	2.382	1.656
Maintenance	9.476	25.346	42.344	1.747	8.515	2.746
% of Total BTU Burned						
Gas	89.69%	-	88.27%	92.70%	97.89%	90.37%
Oil	10.31%	100.00%	11.73%	7.30%	2.11%	9.63%
BTU Per Net KWH Generation						
Gas	12,644.542	-	12,644.542	13,368.957	14,259.679	12,997.205
Oil	1,453.396	17,615.385	1,680.200	1,052.462	307.845	1,384.835

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	267.180	-	271.582	603.115	320.076	566.108

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	382.0	762.0	702.0	762.0
Station Use (MWHR)	36.0	34.0	397.2	401.0	619.2	597.0
Generation - Net (MWHR)	(36.0)	(34.0)	(15.2)	361.0	82.8	165.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	(36.0)	(34.0)	(15.2)	361.0	82.8	165.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	110,019	225,694	206,755	230,466
Fuel Handling	-	-	-	-	-	-
Operations	2,918	2,875	26,584	22,365	39,043	32,527
Maintenance	1,907	2,329	50,619	35,062	68,930	53,175
Total	4,825	5,204	187,222	283,121	314,728	316,168
Quantity of Fuel Burned						
Oil - Gallons	-	-	35,927	67,162	66,378	68,582
Production Cost per Net KWH						
Generated	(13.403)	(15.306)	(1,232.537)	78.427	380.060	191.617
Fuel	-	-	(724.286)	62.519	249.674	139.676
Operation	(8.106)	(8.456)	(175.010)	6.195	47.148	19.713
Maintenance	(5.297)	(6.850)	(333.242)	9.713	83.238	32.227
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	(324,028.901)	25,488.072	109,815.071	56,943.842

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	2,973	2,877	25,846	24,967	38,735	34,724
Maintenance		6,516	-	20,009	1,267	38,569
Total	2,973	9,393	25,846	44,976	40,002	73,293
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	2,041.0	334.0	2,431.0	334.0
Station Use (MWHR)		-	203.0	297.0	351.0	429.0
Generation - Net (MWHR)	-	-	1,838.0	37.0	2,080.0	(95.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	-	-	1,838.0	37.0	2,080.0	(95.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	405,426	75,557	495,856	76,049
Fuel Handling	-	-	-	-	-	-
Operations	2,957	2,876	29,783	22,225	42,344	33,374
Maintenance	1,658	2,408	30,097	43,205	49,333	70,506
Total	4,615	5,284	465,306	140,988	587,533	179,929
Quantity of Fuel Burned						
Oil - Gallons	-	-	170,628	29,385	205,797	29,576
Production Cost per Net KWH						
Generated	-	-	25.316	381.048	28.247	(189.399)
Fuel	-	-	22.058	204.209	23.839	(80.051)
Operation	-	-	1.620	60.067	2.036	(35.131)
Maintenance	-	-	1.637	116.772	2.372	(74.217)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	13,096.583	115,209.357	14,025.637	(45,162.670)

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	2,125.0	334.0	2,498.0	334.0
Station Use (MWHR)	-	31.0	-	306.0	122.0	436.0
Generation - Net (MWHR)	-	(31.0)	2,125.0	28.0		(102.0)
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	-	(31.0)	2,125.0	28.0	2,376.0	(102.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	318,569	44,251	389,962	50,242
Fuel Handling	-	-	-	-	-	-
Operations	2,919	2,820	29,077	22,101	41,632	32,404
Maintenance	2,277	10,391	48,545	71,919	73,022	102,230
Total	5,196	13,211	396,192	138,271	504,616	184,876
Quantity of Fuel Burned						
Oil - Gallons	-	-	175,526	27,559	219,988	31,290
Production Cost per Net KWH						
Generated	-	(42.616)	18.644	493.826	21.238	(181.251)
Fuel	-	-	14.991	158.039	16.413	(49.257)
Operation	-	(9.097)	1.368	78.932	1.752	(31.769)
Maintenance	-	(33.519)	2.284	256.855	3.073	(100.225)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	11,316.264	134,840.293	12,684.516	(42,026.227)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	615.0	483.0	864.0	483.0
Station Use (MWHR)	26.0	27.0	263.0	281.0	402.0	414.0
Generation - Net (MWHR)	(26.0)	(27.0)	352.0	202.0	462.0	69.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(26.0)	(27.0)	352.0	202.0	462.0	69.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	110,710	69,718	151,805	69,718
Fuel Handling	-	-	-	-	-	-
Operations	2,918	2,876	25,645	22,574	38,045	32,906
Maintenance	6,275	1,819	45,578	43,704	62,491	63,731
Total	9,193	4,695	181,933	135,996	252,340	166,354
Quantity of Fuel Burned						
Oil - Gallons	-	-	58,893	42,518	81,661	42,518
Production Cost per Net KWH						
Generated	(35.358)	(17.389)	51.685	67.325	54.619	241.093
Fuel	-	-	31.452	34.514	32.858	101.040
Operation	(11.223)	(10.652)	7.285	11.175	8.235	47.690
Maintenance	(24.135)	(6.737)	12.948	21.636	13.526	92.363
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	23,025.529	29,072.205	24,335.745	85,109.934

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Maintenance			-	131	-	131
Total			-	131	-	131
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2.0	879.0	2,316.0	15,993.0	17,788.0	27,328.0
Generation - Net (MWHR)	2.0	879.0	2,316.0	15,993.0	17,788.0	27,328.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	2.0	879.0	2,316.0	15,993.0	17,788.0	27,328.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	98,577	117,821	692,905	1,143,509	1,556,972	1,894,181
Fuel Handling	-	-	-	-	-	-
Operations	7,738	18,369	13,127	36,979	15,131	71,485
Maintenance	38,199	24,782	422,973	338,684	626,013	533,526
Total	144,513	160,971	1,129,005	1,519,172	2,198,116	2,499,192
Quantity of Fuel Burned						
Natural Gas - MCF	48	11,471	30,677	213,182	232,418	362,350
Production Cost per Net KWH						
Generated	7,225.672	18.313	48.748	9.499	12.357	9.145
Fuel	4,928.833	13.404	29.918	7.150	8.753	6.931
Operation	386.908	2.090	0.567	0.231	0.085	0.262
Maintenance	1,909.931	2.819	18.263	2.118	3.519	1.952
% of Total BTU Burned						
Gas	-	-	28.38%	39.22%	17.40%	46.32%
Oil	100.00%	100.00%	71.62%	60.78%	82.60%	53.68%
BTU Per Net KWH Generation						
Gas	-	-	3,917.460	5,364.665	2,341.155	6,299.491
Oil	25,000.000	13,503.982	9,886.512	8,313.256	11,110.048	7,299.419

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-	7,637.137	1,332.806	3,738.723	1,100.293

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	327.0	1,989.0	10,854.0	5,378.0	18,949.0
Station Use (MWHR)	151.0	130.0	1,332.0	1,520.0	1,972.0	2,265.0
Generation - Net (MWHR)	(151.0)	197.0	657.0	9,334.0	3,406.0	16,684.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	(151.0)	197.0	657.0	9,334.0	3,406.0	16,684.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	45,223	42,309	272,572	612,318	487,770	1,066,291
Fuel Handling	-	-	-	-	-	-
Operations	2,001	19,105	64,196	86,320	90,422	141,017
Maintenance	51,767	40,409	496,990	349,666	827,451	520,373
Total	98,991	101,822	833,758	1,048,304	1,405,643	1,727,681
Quantity of Fuel Burned						
Natural Gas - MCF	255	4,026	26,420	132,841	70,135	227,646
Production Cost per Net KWH						
Generated	(65.557)	51.686	126.904	11.231	41.270	10.355
Fuel	(29.949)	21.476	41.487	6.560	14.321	6.391
Operation	(1.325)	9.698	9.771	0.925	2.655	0.845
Maintenance	(34.283)	20.512	75.645	3.746	24.294	3.119
% of Total BTU Burned						
Gas	-	100.00%	3.43%	79.99%	56.78%	81.75%
Oil	100.00%	-	96.57%	20.01%	43.22%	18.25%
BTU Per Net KWH Generation						
Gas	-	21,045.685	1,429.969	11,668.251	12,022.816	11,515.029
Oil	(1,754.967)	-	40,311.279	2,919.386	9,150.701	2,570.322

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 1,020.469	29,012.747	562.216	1,191.145	555.023

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	11,815.0	26,360.0	57,671.7	99,089.0	109,166.3	123,043.0
Station Use (MWHR)	491.7	536.0	1,610.7	3,141.0	2,534.7	3,748.0
Generation - Net (MWHR)	11,323.3	25,824.0	56,061.0	95,948.0	106,631.6	119,295.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	11,323.3	25,824.0	56,061.0	95,948.0	106,631.6	119,295.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	382,930	909,866	2,065,040	3,745,172	3,882,740	4,889,022
Fuel Handling	-	-	-	-	-	-
Operations	50,900	65,653	147,312	217,803	232,349	307,153
Maintenance	118,150	95,720	1,487,400	1,257,500	2,377,508	1,789,872
Total	551,980	1,071,239	3,699,752	5,220,475	6,492,598	6,986,047
Quantity of Fuel Burned						
Natural Gas - MCF	112,101	257,161	542,335	965,238	1,043,223	1,220,169
Production Cost per Net KWH						
Generated	4.875	4.148	6.600	5.441	6.089	5.856
Fuel	3.382	3.523	3.684	3.903	3.641	4.098
Operation	0.450	0.254	0.263	0.227	0.218	0.257
Maintenance	1.043	0.371	2.653	1.311	2.230	1.500
% of Total BTU Burned						
Gas	67.10%	72.34%	29.09%	83.66%	54.95%	83.54%
Oil	32.90%	27.66%	70.91%	16.34%	45.05%	16.46%
BTU Per Net KWH Generation						
Gas	7,047.399	7,422.514	2,937.460	8,640.546	5,561.164	8,796.147
Oil	3,454.743	2,837.523	7,159.444	1,687.988	4,558.555	1,732.820

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	479.863	474.683	1,253.994	451.746	654.767	465.916

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,165.0	722.0	1,308.0	5,171.0	5,021.0	7,279.0
Station Use (MWHR)	1.0	-	2.0	6.0	4.0	7.0
Generation - Net (MWHR)	1,164.0	722.0	1,306.0	5,165.0	5,017.0	7,272.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	1,164.0	722.0	1,306.0	5,165.0	5,017.0	7,272.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	138,011	140,786	817,334	1,061,070	1,379,019	1,606,090
Fuel Handling	-	-	-	-	-	-
Operations	1,382	24,842	19,208	52,840	37,144	86,118
Maintenance	80,739	30,329	442,724	335,181	596,741	522,996
Total	220,132	195,956	1,279,266	1,449,091	2,012,903	2,215,204
Quantity of Fuel Burned						
Natural Gas - MCF	13,857	9,111	17,755	66,129	65,414	96,711
Production Cost per Net KWH						
Generated	18.912	27.141	97.953	28.056	40.122	30.462
Fuel	11.857	19.499	62.583	20.543	27.487	22.086
Operation	0.119	3.441	1.471	1.023	0.740	1.184
Maintenance	6.936	4.201	33.899	6.489	11.894	7.192
% of Total BTU Burned						
Gas	55.23%	-	43.90%	35.67%	70.82%	41.71%
Oil	44.77%	100.00%	56.10%	64.33%	29.18%	58.29%
BTU Per Net KWH Generation						
Gas	6,996.563	-	6,323.011	4,647.860	9,549.858	5,618.532
Oil	5,670.963	12,868.421	8,079.745	8,383.505	3,934.296	7,853.277

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,694.637	-	9,897.664	4,419.985	2,878.254	3,930.909

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:46:21 AM

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,427.2	14,847.0	61,863.4	76,581.0	79,928.7	94,031.0
Station Use (MWHR)	166.0	85.0	1,770.0	1,322.0	2,623.0	1,905.0
Generation - Net (MWHR)	4,261.2	14,762.0	60,093.4	75,259.0	77,305.7	92,126.0
Energy Input for Pumping (MWHR)		<u> </u>	<u> </u>	<u>-</u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	4,261.2	14,762.0	60,093.4	75,259.0	77,305.7	92,126.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	131,302	637,847	1,889,967	3,082,399	2,964,132	4,134,585
Fuel Handling	-	-	-	-	-	-
Operations	39,961	51,678	133,080	276,192	237,362	400,463
Maintenance	60,354	105,908	914,219	1,202,695	1,848,201	1,423,316
Total	231,617	795,432	2,937,266	4,561,286	5,049,695	5,958,364
Quantity of Fuel Burned						
Natural Gas - MCF	46,903	161,300	649,738	826,652	843,210	1,013,705
Production Cost per Net KWH						
Generated	5.435	5.388	4.888	6.061	6.532	6.468
Fuel	3.081	4.321	3.145	4.096	3.834	4.488
Operation	0.938	0.350	0.221	0.367	0.307	0.435
Maintenance	1.416	0.717	1.521	1.598	2.391	1.545
% of Total BTU Burned						
Gas	61.27%	92.14%	32.17%	83.07%	42.79%	83.47%
Oil	38.73%	7.86%	67.83%	16.93%	57.21%	16.53%
BTU Per Net KWH Generation						
Gas	6,943.287	10,285.373	3,565.380	9,334.747	4,777.689	9,398.274
Oil	4,389.175	877.206	7,516.877	1,902.128	6,388.221	1,860.795

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	443.786	420.098	882.109	438.761	802.542	477.531

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,955.3	2,464.0	5,064.8	22,027.0	33,523.9	40,073.0
Station Use (MWHR)	0.2	0.2	0.4	12.3	1.1	20.3
Generation - Net (MWHR)	3,955.1	2,463.8	5,064.4	22,014.7	33,522.8	40,052.7
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	3,955.1	2,463.8	5,064.4	22,014.7	33,522.8	40,052.7
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	423,871	275,547	1,832,182	1,719,171	3,070,549	2,901,350
Fuel Handling	-	-	-	-	-	-
Operations	11,915	9,778	94,965	98,934	136,355	162,423
Maintenance	33,909	118,977	356,468	446,160	516,775	792,374
Total	469,696	404,302	2,283,615	2,264,266	3,723,680	3,856,147
Quantity of Fuel Burned						
Natural Gas - MCF	45,771	29,141	59,821	215,175	396,918	431,689
Production Cost per Net KWH						
Generated	11.876	16.409	45.092	10.285	11.108	9.628
Fuel	10.717	11.184	36.178	7.809	9.160	7.244
Operation	0.301	0.397	1.875	0.449	0.407	0.406
Maintenance	0.857	4.829	7.039	2.027	1.542	1.978
% of Total BTU Burned						
Gas	11.96%	77.76%	11.31%	68.71%	24.54%	44.37%
Oil	88.04%	22.24%	88.69%	31.29%	75.46%	55.63%
BTU Per Net KWH Generation						
Gas	1,424.654	9,410.390	1,369.521	6,863.691	2,960.106	4,895.149
Oil	10,487.995	2,690.671	10,741.883	3,126.240	9,104.368	6,136.377

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	7,522.542	1,188.438	26,416.301	1,137.757	3,094.344	1,479.799

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Aug Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,275,092.7	3,582,266.2	29,082,404.1	34,632,125.4	40,084,108.3	44,087,587.1
Station Use (MWHR)	168,035.9	193,542.4	1,546,771.9	1,856,580.7	2,095,540.1	2,414,489.2
Generation - Net (MWHR)	3,107,056.8	3,388,723.8	27,535,632.3	32,775,544.7	37,988,568.2	41,673,097.8
Energy Input for Pumping (MWHR)	10,885.0	47,419.0	10,885.0	406,575.0	31,425.0	504,663.0
Generation Less Pumping Energy (MWHR)	3,096,171.8	3,341,304.8	27,524,747.3	32,368,969.7	37,957,143.2	41,168,434.8
Total Production Cost						
Fuel - Coal	30,230,046	38,779,020	333,030,157	464,487,017	467,766,557	632,442,987
Fuel - Natural Gas	2,244,278	7,281,403	14,987,490	24,523,979	17,458,757	27,148,924
Fuel - Oil	200,134	336,370	3,125,908	2,479,081	3,763,559	3,199,091
Fuel Handling	847,860	715,693	7,284,684	6,476,584	9,162,268	8,808,843
Nuclear	7,567,885	7,673,208	55,965,542	71,591,320	79,514,278	75,965,806
Operations	12,923,488	10,840,272	107,141,118	101,869,361	139,087,500	139,596,796
Maintenance	11,834,023	12,401,125	139,851,971	107,646,132	193,330,671	166,981,774
Total	65,847,714	78,027,091	661,386,870	779,073,474	910,083,591	1,054,144,221
Quantity of Fuel Burned						
Coal - Tons	994,842	1,171,584	11,090,973	13,290,991	15,273,887	17,834,616
Nuclear - MMBTU	8,754,944	8,754,056	65,085,783	79,549,637	91,943,862	84,661,684
Natural Gas - MCF	856,455	2,404,520	4,887,462	9,502,817	7,443,402	10,104,973
Oil - Gallons	106,463	249,027	2,034,178	1,413,603	2,377,270	1,824,954
Production Cost per Net KWH						
Generated	2.119	2.303	2.402	2.377	2.396	2.530
Fuel	1.052	1.369	1.275	1.500	1.287	1.590
Fuel Handling	0.027	0.021	0.026	0.020	0.024	0.021
Nuclear Fuel Burned	0.244	0.226	0.203	0.218	0.209	0.182
Operation	0.416	0.320	0.389	0.311	0.366	0.335
Maintenance	0.381	0.366	0.508	0.328	0.509	0.401

% of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics

Period: Sep Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	65.19%	67.05%	73.51%	73.37%	73.23%	77.59%
Nuclear	33.00%	28.46%	25.33%	24.92%	25.64%	20.97%
Gas	0.41%	2.19%	0.47%	1.21%	0.62%	1.03%
Oil	1.40%	2.30%	0.69%	0.50%	0.52%	0.41%
BTU Per Net KWH Generation						
Coal	5,565.146	6,085.254	6,858.814	7,145.707	6,912.873	7,518.686
Nuclear	2,817.761	2,583.290	2,363.693	2,427.103	2,420.303	2,031.567
Gas	34.865	198.820	43.412	118.181	58.087	100.029
Oil	119.690	208.933	64.469	48.442	48.854	39.965
BTU Per Pound of Coal	8,690	8,801	8,514	8,811	8,597	8,784
Cost Per MMBTU Burned						
Coal	179.732	191.524	180.193	201.091	181.611	204.659
Nuclear	86.441	87.653	85.987	89.996	86.481	89.729
Natural Gas	2,071.726	1,080.733	1,253.787	633.131	791.191	651.285
Cost Per Ton of Coal Burned						
Coal	30.387	33.100	30.027	34.948	30.625	35.462
Coal Handling	0.681	0.444	0.516	0.389	0.471	0.401
Total	31.067	33.543	30.544	35.337	31.096	35.862

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	892,725.0	902,467.5	6,766,132.5	8,282,088.5	9,611,727.2	8,812,184.5
Station Use (MWHR)	37,702.0	39,159.0	304,322.8	353,555.0	423,173.1	410,847.0
Generation - Net (MWHR)	855,023.0	863,308.5	6,461,809.7	7,928,533.5	9,188,554.1	8,401,337.5
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	855,023.0	863,308.5	6,461,809.7	7,928,533.5	9,188,554.1	8,401,337.5
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,567,885	7,673,208	55,965,542	71,591,320	79,514,278	75,965,806
Operations	5,650,594	5,867,928	59,759,348	55,958,768	77,477,537	78,836,200
Maintenance	3,330,643	3,308,545	57,723,738	32,248,703	70,112,832	66,626,323
Total	16,549,121	16,849,681	173,448,628	159,798,792	227,104,647	221,428,328
Quantity of Fuel Burned						
Nuclear - MMBTU	8,754,944	8,754,056	65,085,783	79,549,637	91,943,862	84,661,684
Production Cost per Net KWH						
Generated	1.936	1.952	2.684	2.015	2.472	2.636
Nuclear Fuel Burned	0.885	0.889	0.866	0.903	0.865	0.904
Operation	0.661	0.680	0.925	0.706	0.843	0.938
Maintenance	0.390	0.383	0.893	0.407	0.763	0.793
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,239.425	10,140.125	10,072.377	10,033.336	10,006.347	10,077.167

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

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	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	86.441	87.653	85.987	89.996	86.481	89.729

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	108.0	108.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	108.0	108.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	108.0	108.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	18,034.0	111,030.0	550,310.6	1,379,619.0	698,125.6	1,699,915.0
Station Use (MWHR)	4,824.0	19,056.2	75,039.7	164,755.7	91,304.0	210,472.7
Generation - Net (MWHR)	13,210.0	91,973.8	475,271.0	1,214,863.3	606,821.6	1,489,442.3
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	13,210.0	91,973.8	475,271.0	1,214,863.3	606,821.6	1,489,442.3
Total Production Cost						
Fuel - Coal	411,949	583,604	9,705,393	24,087,291	12,328,164	31,614,007
Fuel - Natural Gas	31,018	336,750	1,195,629	2,339,055	2,214,975	2,490,464
Fuel Handling	56,487	72,696	615,520	750,691	860,479	1,020,822
Operations	540,479	718,603	5,404,055	6,408,878	7,237,114	8,420,200
Maintenance	707,882	770,660	7,514,602	8,038,491	9,948,315	10,364,663
Total	1,747,815	2,482,312	24,435,199	41,624,407	32,589,049	53,910,157
Quantity of Fuel Burned						
Coal - Tons	14,627	19,854	328,349	759,584	415,955	959,427
Natural Gas - MCF	10,335	107,317	268,970	685,429	563,211	726,525
Oil - Gallons	2,370	8,693	23,763	43,805	32,233	55,893
Production Cost per Net KWH						
Generated	13.231	2.699	5.141	3.426	5.370	3.619
Fuel	3.353	1.001	2.294	2.175	2.397	2.290
Fuel Handling	0.428	0.079	0.130	0.062	0.142	0.069
Operation	4.091	0.781	1.137	0.528	1.193	0.565
Maintenance	5.359	0.838	1.581	0.662	1.639	0.696
% of Total BTU Burned						
Coal	95.75%	76.28%	95.49%	95.06%	92.80%	95.79%
Gas	4.25%	23.72%	4.51%	4.94%	7.20%	4.21%
Oil	-	-	-	-	-	-

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	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	18,036.243	3,791.561	12,270.140	11,064.637	12,216.185	11,342.053
Gas	800.681	1,179.303	579.419	575.545	947.565	497.882
BTU Per Pound of Coal	8,144	8,782	8,880	8,848	8,911	8,804
Cost Per MMBTU Burned						
Coal	196.608	188.200	176.981	184.779	177.911	193.182
Natural Gas	293.255	310.468	434.173	334.529	385.211	335.838
Cost Per Ton of Coal Burned						
Coal	28.164	29.395	29.558	31.711	29.638	32.951
Coal Handling	3.792	3.635	1.846	0.982	2.042	1.050
Total	31.956	33.030	31.404	32.693	31.680	34.001

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	277,140.0	555,471.6	3,432,831.5	4,729,137.6	4,813,183.1	5,844,522.6
Station Use (MWHR)	24,089.0	38,877.0	263,251.7	347,163.0	360,687.7	433,964.0
Generation - Net (MWHR)	253,051.0	516,594.6	3,169,579.8	4,381,974.6	4,452,495.4	5,410,558.6
Energy Input for Pumping (MWHR)			<u>-</u>	<u> </u>	<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	253,051.0	516,594.6	3,169,579.8	4,381,974.6	4,452,495.4	5,410,558.6
Total Production Cost						
Fuel - Coal	4,231,809	7,876,731	59,434,297	85,215,677	83,744,221	104,688,017
Fuel - Oil	29,329	9,681	359,421	267,234	393,225	433,339
Fuel Handling	226,866	172,650	1,783,068	1,939,221	2,248,517	2,550,427
Operations	797,050	750,364	8,448,107	7,607,588	10,743,596	10,183,532
Maintenance	1,503,641	1,292,309	17,037,729	15,009,764	25,026,559	24,608,692
Total	6,788,695	10,101,735	87,062,621	110,039,484	122,156,118	142,464,007
Quantity of Fuel Burned						
Coal - Tons	118,738	232,832	1,776,736	2,419,607	2,499,740	2,949,161
Oil - Gallons	14,727	4,334	180,945	134,678	196,370	222,235
Production Cost per Net KWH						
Generated	2.683	1.955	2.747	2.511	2.744	2.633
Fuel	1.684	1.527	1.886	1.951	1.890	1.943
Fuel Handling	0.090	0.033	0.056	0.044	0.051	0.047
Operation	0.315	0.145	0.267	0.174	0.241	0.188
Maintenance	0.594	0.250	0.538	0.343	0.562	0.455
% of Total BTU Burned						
Coal	99.91%	99.99%	99.93%	99.96%	99.94%	99.94%
Oil	0.09%	0.01%	0.07%	0.04%	0.06%	0.06%
BTU Per Net KWH Generation						
Coal	8,659.464	8,147.852	10,506.055	10,181.650	10,463.152	10,024.091

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Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	7.973	1.149	7.821	4.211	6.042	5.627
BTU Per Pound of Coal	9,227	9,039	9,371	9,220	9,318	9,195
Cost Per MMBTU Burned Coal	203.473	191.236	183.837	195.346	184.585	197.726
Cost Per Ton of Coal Burned						
Coal	35.640	33.830	33.451	35.219	33.501	35.498
Coal Handling	1.727	0.648	0.911	0.725	0.807	0.787
Total	37.367	34.478	34.363	35.944	34.309	36.284

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,246,103.0	1,158,727.3	12,150,435.9	12,976,521.3	15,763,068.9	17,488,000.3
Station Use (MWHR)	61,544.0	57,994.0	591,000.4	646,244.0	768,211.4	868,172.0
Generation - Net (MWHR)	1,184,559.0	1,100,733.3	11,559,435.5	12,330,277.3	14,994,857.5	16,619,828.3
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,184,559.0	1,100,733.3	11,559,435.5	12,330,277.3	14,994,857.5	16,619,828.3
Total Production Cost						
Fuel - Coal	14,680,895	17,409,921	182,365,562	242,499,237	240,400,127	331,771,902
Fuel - Oil	54,744	1,402	1,015,112	1,137,335	1,515,218	1,500,421
Fuel Handling	478,124	344,699	3,969,860	2,911,031	4,821,900	4,096,157
Operations	1,827,852	1,588,852	14,321,434	14,268,762	18,458,772	18,923,106
Maintenance	3,204,288	3,208,322	29,616,859	22,599,160	46,842,221	28,685,748
Total	20,245,903	22,553,197	231,288,828	283,415,524	312,038,238	384,977,334
Quantity of Fuel Burned						
Coal - Tons	546,146	561,730	6,604,981	7,039,787	8,558,749	9,411,967
Oil - Gallons	28,193	638	533,010	558,976	766,686	762,675
Production Cost per Net KWH						
Generated	1.709	2.049	2.001	2.299	2.081	2.316
Fuel	1.244	1.582	1.586	1.976	1.613	2.005
Fuel Handling	0.040	0.031	0.034	0.024	0.032	0.025
Operation	0.154	0.144	0.124	0.116	0.123	0.114
Maintenance	0.271	0.291	0.256	0.183	0.312	0.173
% of Total BTU Burned						
Coal	99.96%	100.00%	99.93%	99.94%	99.93%	99.94%
Oil	0.04%	0.00%	0.07%	0.06%	0.07%	0.06%
BTU Per Net KWH Generation						
Coal	7,866.072	9,037.773	9,339.557	10,076.777	9,482.928	9,981.420

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	3.264	0.081	6.322	6.158	7.030	6.248
BTU Per Pound of Coal	8,531	8,855	8,173	8,825	8,307	8,813
Cost Per MMBTU Burned Coal	162.688	178.471	172.597	197.514	172.455	202.465
Cost Per Ton of Coal Burned						
Coal	26.881	30.993	27.610	34.447	28.088	35.250
Coal Handling	0.661	0.329	0.430	0.287	0.401	0.314
Total	27.542	31.323	28.041	34.734	28.489	35.564

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:47:32 AM Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	580,933.0	636,042.2	4,307,076.8	5,591,086.2	6,932,899.8	8,171,025.2
Station Use (MWHR)	37,241.0	36,560.0	291,548.1	317,885.0	424,344.1	456,465.0
Generation - Net (MWHR)	543,692.0	599,482.2	4,015,528.6	5,273,201.2	6,508,555.6	7,714,560.2
Energy Input for Pumping (MWHR)		-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	543,692.0	599,482.2	4,015,528.6	5,273,201.2	6,508,555.6	7,714,560.2
Total Production Cost						
Fuel - Coal	10,905,393	12,908,764	81,524,904	112,684,812	131,294,045	164,369,061
Fuel - Oil	116,060	325,287	1,751,375	1,074,512	1,855,117	1,265,331
Fuel Handling	86,383	125,648	916,237	875,641	1,231,372	1,141,438
Operations	906,394	963,220	8,326,014	8,995,239	11,153,040	11,687,656
Maintenance	943,227	1,297,841	11,690,990	17,678,851	16,990,805	20,839,041
Total	12,957,458	15,620,761	104,209,521	141,309,055	162,524,379	199,302,527
Quantity of Fuel Burned						
Coal - Tons	315,331	357,168	2,380,907	3,072,013	3,799,443	4,514,061
Oil - Gallons	61,173	143,221	855,486	403,955	900,298	511,962
Production Cost per Net KWH						
Generated	2.383	2.606	2.595	2.680	2.497	2.583
Fuel	2.027	2.208	2.074	2.157	2.046	2.147
Fuel Handling	0.016	0.021	0.023	0.017	0.019	0.015
Operation	0.167	0.161	0.207	0.171	0.171	0.152
Maintenance	0.173	0.216	0.291	0.335	0.261	0.270
% of Total BTU Burned						
Coal	99.85%	99.68%	99.72%	99.89%	99.82%	99.91%
Oil	0.15%	0.32%	0.28%	0.11%	0.18%	0.09%
BTU Per Net KWH Generation						
Coal	10,196.681	10,200.814	10,402.209	9,841.692	10,204.230	9,891.449

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	15.414	32.730	28.955	10.495	18.808	9.092
BTU Per Pound of Coal	8,791	8,561	8,772	8,447	8,740	8,452
Cost Per MMBTU Burned Coal	198.270	213.148	197.368	218.818	199.542	216.897
Cost Per Ton of Coal Burned						
Coal	34.584	36.142	34.241	36.681	34.556	36.413
Coal Handling	0.176	0.313	0.277	0.212	0.235	0.192
Total	34.760	36.455	34.518	36.893	34.791	36.604

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	124,165.9	15,218.3	1,079,331.3	253,767.9	1,174,009.3	304,581.9
Station Use (MWHR)	382.0	552.0	4,807.0	5,926.0	7,286.0	8,940.0
Generation - Net (MWHR)	123,783.9	14,666.3	1,074,524.3	247,841.9	1,166,723.3	295,641.9
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	123,783.9	14,666.3	1,074,524.3	247,841.9	1,166,723.3	295,641.9
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	165,392	173,714	2,331,279	2,258,380	3,021,132	2,780,107
Maintenance	176,191	191,518	1,543,828	1,385,092	2,256,854	1,964,055
Total	341,582	365,232	3,875,107	3,643,472	5,277,986	4,744,162
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.276	2.490	0.361	1.470	0.452	1.605
Operation	0.134	1.184	0.217	0.911	0.259	0.940
Maintenance	0.142	1.306	0.144	0.559	0.193	0.664
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,344.0	33,628.0	6,344.0	291,552.0	23,512.0	363,724.0
Station Use (MWHR)	187.0	143.0	2,020.1	2,213.0	2,747.1	2,955.0
Generation - Net (MWHR)	6,157.0	33,485.0	4,323.9	289,339.0	20,764.9	360,769.0
Energy Input for Pumping (MWHR)	10,885.0	47,419.0	10,885.0	406,575.0	31,425.0	504,663.0
Generation Less Pumping Energy (MWHR)	(4,728.0)	(13,934.0)	(6,561.1)	(117,236.0)	(10,660.1)	(143,894.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	142,851	157,007	1,298,533	1,419,358	1,977,008	1,938,169
Maintenance	1,243,775	247,050	3,419,325	1,268,537	4,289,381	1,595,931
Total	1,386,626	404,057	4,717,858	2,687,895	6,266,389	3,534,100
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	22.521	1.207	109.111	0.929	30.178	0.980
Operation	2.320	0.469	30.032	0.491	9.521	0.537
Maintenance	20.201	0.738	79.080	0.438	20.657	0.442
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	87,422.5	59,915.5	553,979.6	706,257.5	763,161.6	955,663.5
Station Use (MWHR)	281.0	339.0	2,825.0	3,930.0	3,641.0	5,447.0
Generation - Net (MWHR)	87,141.5	59,576.5	551,154.6	702,327.5	759,520.6	950,216.5
Energy Input for Pumping (MWHR)					<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	87,141.5	59,576.5	551,154.6	702,327.5	759,520.6	950,216.5
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	244,547	256,053	2,560,157	2,282,980	3,513,044	3,139,312
Maintenance	51,282	32,939	670,684	497,418	932,865	910,569
Total	295,829	288,992	3,230,840	2,780,398	4,445,909	4,049,881
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.339	0.485	0.586	0.396	0.585	0.426
Operation	0.281	0.430	0.465	0.325	0.463	0.330
Maintenance	0.059	0.055	0.122	0.071	0.123	0.096
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	5,237.7	0.0	39,940.0	41,255.2	39,940.0	43,888.0
Station Use (MWHR)	991.9	0.0	5,584.7	6,760.5	5,584.7	7,178.0
Generation - Net (MWHR)	4,245.8	-	34,355.3	34,494.7	34,355.3	36,710.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	4,245.8	-	34,355.3	34,494.7	34,355.3	36,710.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	175,974	2,367,511	1,396,573	3,875,694	(970,939)	3,965,696
Fuel Handling	-	-	-	-	-	-
Operations	24,412	118,148	358,455	363,308	476,374	446,066
Maintenance	65,176	325,678	1,557,592	1,443,996	3,747,586	1,983,715
Total	265,563	2,811,337	3,312,619	5,682,998	3,253,021	6,395,478
Quantity of Fuel Burned						
Natural Gas - MCF	58,732	-	426,672	450,827	426,672	477,693
Production Cost per Net KWH						
Generated	6.255	-	9.642	16.475	9.469	17.422
Fuel	4.145	-	4.065	11.236	(2.826)	10.803
Operation	0.575	-	1.043	1.053	1.387	1.215
Maintenance	1.535	-	4.534	4.186	10.908	5.404
% of Total BTU Burned						
Gas	100.00%	-	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	13,832.925	-	12,419.401	13,069.467	12,419.401	13,012.629

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	299.622		- 327.318	859.686	(227.561)	830.177

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	694.9	686.4	5,171.8	5,012.8	6,154.4	6,263.7
Generation - Net (MWHR)	694.9	686.4	5,171.8	5,012.8	·	
Energy Input for Pumping (MWHR)	-	-	=	-	-	-
Generation Less Pumping Energy (MWHR)	694.9	686.4	5,171.8	5,012.8	6,154.4	6,263.7
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	 7 -	- 1,152	- 3,029	-	5,333
Operations	637				1,599	
Maintenance	656	1,787	63,176	29,475	63,373	29,475
Total	1,293	1,787	64,328	32,504	64,972	34,808
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.186	0.260	1.244	0.648	1.056	0.556
Operation	0.092	-	0.022	0.060	0.026	0.085
Maintenance	0.094	0.260	1.222	0.588	1.030	0.471
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	9,050	7,500	79,150	65,975	102,900	85,775
Fuel Handling	-	-	-	-	-	-
Operations	2,505,371	134,343	3,262,115	841,932	3,541,805	1,197,192
Maintenance	125,698	1,202,964	2,918,689	2,275,981	4,336,008	2,639,214
Total	2,640,118	1,344,807	6,259,954	3,183,888	7,980,713	3,922,181
Quantity of Fuel Burned						
Natural Gas - MCF	407,215	1,081,647	2,268,608	4,336,614	3,800,530	4,627,891
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,006.0	27,412.4	24,897.5	60,471.4	51,017.6	63,189.4
Generation - Net (MWHR)	6,006.0	27,412.4	24,897.5	60,471.4	51,017.6	63,189.4
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	6,006.0	27,412.4	24,897.5	60,471.4	51,017.6	63,189.4
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	346,911	1,031,676	2,113,425	2,767,991	3,326,123	3,068,691
Fuel Handling	-	-	-	-	-	-
Operations	38,337	35,334	341,446	420,880	458,546	579,005
Maintenance	159,364	112,511	1,394,800	583,406	1,710,273	728,316
Total	544,611	1,179,521	3,849,671	3,772,277	5,494,941	4,376,012
Quantity of Fuel Burned						
Natural Gas - MCF	64,656	308,705	278,241	678,055	575,193	708,457
Production Cost per Net KWH						
Generated	9.068	4.303	15.462	6.238	10.771	6.925
Fuel	5.776	3.764	8.489	4.577	6.520	4.856
Operation	0.638	0.129	1.371	0.696	0.899	0.916
Maintenance	2.653	0.410	5.602	0.965	3.352	1.153
% of Total BTU Burned						
Gas	16.17%	56.60%	20.23%	58.98%	59.82%	60.17%
Oil	83.83%	43.40%	79.77%	41.02%	40.18%	39.83%
BTU Per Net KWH Generation						
Gas	1,828.685	6,467.417	2,357.520	6,743.013	6,960.547	6,879.875
Oil	9,481.838	4,959.864	9,297.751	4,690.113	4,675.883	4,555.005

Cost Per MMBTU Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	3,158.590	581.923	3,600.608	678.829	936.644	705.876

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-		-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	86	-	86	-	106	-
Maintenance		1,470	-	1,470	5,270	1,470
Total	86	1,470	86	1,470	5,376	1,470
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	366.0	423.0	560.0	2,388.0	1,187.0	2,868.0
Generation - Net (MWHR)	366.0	423.0	560.0	2,388.0	1,187.0	2,868.0
Energy Input for Pumping (MWHR)	_		<u>-</u>			
Generation Less Pumping Energy (MWHR)	366.0	423.0	560.0	2,388.0	1,187.0	2,868.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	14,981	18,550	21,643	176,988	53,210	198,444
Fuel Handling	-	-	-	-	-	-
Operations	1,985	2,145	21,617	29,014	29,470	38,835
Maintenance	7,515	5,508	89,663	39,844	107,934	136,913
Total	24,481	26,202	132,923	245,847	190,614	374,192
Quantity of Fuel Burned						
Natural Gas - MCF	5,044	5,934	7,752	31,758	16,922	38,428
Oil - Gallons	-	-	-	13,424	-	13,424
Production Cost per Net KWH						
Generated	6.689	6.194	23.736	10.295	16.058	13.047
Fuel	4.093	4.385	3.865	7.412	4.483	6.919
Operation	0.542	0.507	3.860	1.215	2.483	1.354
Maintenance	2.053	1.302	16.011	1.669	9.093	4.774
% of Total BTU Burned						
Gas	33.96%	100.00%	52.94%	93.98%	78.02%	91.78%
Oil	66.04%	-	47.06%	6.02%	21.98%	8.22%
BTU Per Net KWH Generation						
Gas	4,803.283	14,198.582	7,519.719	13,515.913	11,365.664	13,174.396
Oil	9,338.794	-	6,685.638	866.034	3,202.154	1,180.586

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	852.185	308.858	513.969	548.359	394.409	525.204

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	320.0	382.0	1,082.0	382.0	1,082.0
Station Use (MWHR)	38.0	34.0	435.2	435.0	623.2	599.0
Generation - Net (MWHR)	(38.0)	286.0	(53.2)	647.0	(241.2)	483.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(38.0)	286.0	(53.2)	647.0	(241.2)	483.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	96,736	110,019	322,430	110,019	322,430
Fuel Handling	-	-	-	-	-	-
Operations	3,190	2,921	29,774	25,286	39,312	33,388
Maintenance	3,708	4,628	54,327	39,690	68,010	55,762
Total	6,898	104,285	194,120	387,406	217,341	411,580
Quantity of Fuel Burned						
Oil - Gallons	-	30,451	35,927	97,613	35,927	97,613
Production Cost per Net KWH						
Generated	(18.153)	36.463	(364.957)	59.877	(90.112)	85.213
Fuel	-	33.824	(206.841)	49.835	(45.615)	66.756
Operation	(8.395)	1.021	(55.977)	3.908	(16.299)	6.913
Maintenance	(9.758)	1.618	(102.138)	6.135	(28.198)	11.545
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	14,586.668	(92,536.172)	20,669.213	(20,407.144)	27,687.331

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	3,131	2,883	28,977	27,850	38,983	35,202
Maintenance	_	1,553	-	21,563	(286)	23,603
Total	3,131	4,437	28,977	49,412	38,697	58,804
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	_	_	_	_	_	_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	390.0	2,041.0	724.0	2,041.0	724.0
Station Use (MWHR)		9.0	203.0	306.0	342.0	434.0
Generation - Net (MWHR)	-	381.0	1,838.0	418.0	1,699.0	290.0
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>		<u> </u>
Generation Less Pumping Energy (MWHR)	-	381.0	1,838.0	418.0	1,699.0	290.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	90,430	405,426	165,987	405,426	165,987
Fuel Handling	-	-	-	-	-	-
Operations	3,202	2,869	32,985	25,094	42,677	34,034
Maintenance	4,316	3,409	34,413	46,614	50,240	66,922
Total	7,518	96,708	472,825	237,696	498,343	266,944
Quantity of Fuel Burned						
Oil - Gallons	-	35,169	170,628	64,554	170,628	64,554
Production Cost per Net KWH						
Generated	-	25.383	25.725	56.865	29.332	92.050
Fuel	-	23.735	22.058	39.710	23.863	57.237
Operation	-	0.753	1.795	6.003	2.512	11.736
Maintenance	-	0.895	1.872	11.152	2.957	23.077
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	13,390.563	13,096.583	22,403.231	14,168.052	32,291.554

Cost Per MMBTU Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	373.0	2,125.0	707.0	2,125.0	707.0
Station Use (MWHR)	_	29.0	-	335.0	93.0	437.0
Generation - Net (MWHR)	-	344.0	2,125.0	372.0	2,032.0	270.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	-	344.0	2,125.0	372.0	2,032.0	270.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	13,543	318,569	57,794	376,419	57,794
Fuel Handling	-	-	-	-	-	-
Operations	3,131	3,018	32,208	25,119	41,745	32,612
Maintenance	2,937	2,048	51,482	73,967	73,911	102,681
Total	6,068	18,609	402,260	156,880	492,076	193,087
Quantity of Fuel Burned						
Oil - Gallons	-	8,434	175,526	35,993	211,554	35,993
Production Cost per Net KWH						
Generated	-	5.409	18.930	42.172	24.216	71.514
Fuel	-	3.937	14.991	15.536	18.525	21.405
Operation	-	0.877	1.516	6.752	2.054	12.079
Maintenance	-	0.595	2.423	19.884	3.637	38.030
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	3,359.049	11,316.264	13,255.487	14,263.237	18,263.115

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	249.0	615.0	732.0	615.0	732.0
Station Use (MWHR)	25.0	26.0	288.0	307.0	401.0	414.0
Generation - Net (MWHR)	(25.0)	223.0	327.0	425.0	214.0	318.0
Energy Input for Pumping (MWHR)	<u>-</u>	-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(25.0)	223.0	327.0	425.0	214.0	318.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	32,646	110,710	102,364	119,159	102,364
Fuel Handling	-	-	-	-	-	-
Operations	3,190	2,862	28,835	25,436	38,373	32,904
Maintenance	2,876	3,557	48,454	47,262	61,809	62,526
Total	6,066	39,066	187,999	175,062	219,341	197,794
Quantity of Fuel Burned						
Oil - Gallons	-	18,087	58,893	60,605	63,574	60,605
Production Cost per Net KWH						
Generated	(24.264)	17.518	57.492	41.191	102.496	62.199
Fuel	-	14.640	33.856	24.086	55.682	32.190
Operation	(12.760)	1.283	8.818	5.985	17.931	10.347
Maintenance	(11.504)	1.595	14.818	11.120	28.883	19.662
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	11,179.117	24,785.890	19,683.596	40,888.651	26,306.693

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)					-	
Total Production Cost						
Fuel - Coal						-
Fuel Handling					-	-
Maintenance			<u>-</u>	- 131	<u> </u>	131
Total				- 131		131
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil						-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Generation - Gross (MWHR) 1,371.0 13,713.0 3,687.0 Generation - Net (MWHR) 1,371.0 13,713.0 3,687.0 Energy Input for Pumping (MWHR) - - - Generation Less Pumping Energy (MWHR) 1,371.0 13,713.0 3,687.0 Total Production Cost Fuel - Coal - - - - Fuel - Natural Gas 149,804 619,234 842,709 Fuel Handling - - - - Operations 192 81 13,319 Maintenance 47,318 51,411 470,290 Total 197,314 670,726 1,326,319 Quantity of Fuel Burned	29,706.0		
Energy Input for Pumping (MWHR) - - - Generation Less Pumping Energy (MWHR) 1,371.0 13,713.0 3,687.0 Total Production Cost - - - - Fuel - Coal -		5,446.0	29,812.0
Generation Less Pumping Energy (MWHR) 1,371.0 13,713.0 3,687.0 Total Production Cost Fuel - Coal - <td< td=""><td>29,706.0</td><td>5,446.0</td><td>29,812.0</td></td<>	29,706.0	5,446.0	29,812.0
Total Production Cost Fuel - Coal - - - - Fuel - Natural Gas 149,804 619,234 842,709 Fuel Handling - - - - Operations 192 81 13,319 Maintenance 47,318 51,411 470,290 Total 197,314 670,726 1,326,319 Quantity of Fuel Burned	-	-	<u>-</u>
Fuel - Coal - <td< td=""><td>29,706.0</td><td>5,446.0</td><td>29,812.0</td></td<>	29,706.0	5,446.0	29,812.0
Fuel - Natural Gas 149,804 619,234 842,709 Fuel Handling - - - Operations 192 81 13,319 Maintenance 47,318 51,411 470,290 Total 197,314 670,726 1,326,319 Quantity of Fuel Burned			
Fuel Handling - - - Operations 192 81 13,319 Maintenance 47,318 51,411 470,290 Total 197,314 670,726 1,326,319 Quantity of Fuel Burned	-	-	-
Operations 192 81 13,319 Maintenance 47,318 51,411 470,290 Total 197,314 670,726 1,326,319 Quantity of Fuel Burned	1,762,743	1,087,542	1,959,511
Maintenance 47,318 51,411 470,290 Total 197,314 670,726 1,326,319 Quantity of Fuel Burned	-	-	<u>-</u>
Total 197,314 670,726 1,326,319 Quantity of Fuel Burned	37,060	15,242	69,954
Quantity of Fuel Burned	390,095	621,919	526,851
·	2,189,898	1,724,703	2,556,317
Netural Co. MCF 47.050			
Natural Gas - MCF 16,681 178,150 47,358	391,332	70,949	393,081
Production Cost per Net KWH			
Generated 14.392 4.891 35.973	7.372	31.669	8.575
Fuel 10.927 4.516 22.856	5.934	19.970	6.573
Operation 0.014 0.001 0.361	0.125	0.280	0.235
Maintenance 3.451 0.375 12.755	1.313	11.420	1.767
% of Total BTU Burned			
Gas 0.66% 4.64% 18.57%	23.46%	45.17%	23.74%
Oil 99.34% 95.36% 81.43%	76.54%	54.83%	76.26%
BTU Per Net KWH Generation			
Gas 83.793 619.240 2,491.922	3,174.063	6,108.652	3,214.904
Oil 12,680.613 12,734.294 10,925.490	-,	3,.33.002	

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	130,400.885	7,292.285	9,172.127	1,869.516	3,269.060	2,044.507

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	2,857.0	1,989.0	13,711.0	2,521.0	13,694.0
Station Use (MWHR)	145.0	136.0	1,477.0	1,656.0	1,981.0	2,231.0
Generation - Net (MWHR)	(145.0)	2,721.0	512.0	12,055.0	540.0	11,463.0
Energy Input for Pumping (MWHR)	<u> </u>	<u> </u>	<u> </u>	<u>-</u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	(145.0)	2,721.0	512.0	12,055.0	540.0	11,463.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	45,513	135,323	318,084	747,641	397,960	865,060
Fuel Handling	-	-	-	-	-	-
Operations	6,004	8,203	70,201	94,524	88,223	142,832
Maintenance	33,895	98,371	530,885	448,037	762,975	570,054
Total	85,412	241,898	919,170	1,290,202	1,249,157	1,577,946
Quantity of Fuel Burned						
Natural Gas - MCF	347	35,099	26,767	167,940	35,383	168,704
Production Cost per Net KWH						
Generated	(58.905)	8.890	179.525	10.703	231.325	13.766
Fuel	(31.388)	4.973	62.126	6.202	73.696	7.547
Operation	(4.141)	0.301	13.711	0.784	16.338	1.246
Maintenance	(23.376)	3.615	103.688	3.717	141.292	4.973
% of Total BTU Burned						
Gas	-	91.47%	3.38%	82.38%	22.24%	82.00%
Oil	100.00%	8.53%	96.62%	17.62%	77.76%	18.00%
BTU Per Net KWH Generation						
Gas	-	12,056.311	1,834.941	11,755.842	15,082.388	12,362.908
Oil	(2,558.621)	1,123.770	52,452.169	2,514.088	52,741.686	2,713.076

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 412.506	33,857.134	527.561	4,886.244	610.418

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:47:43 AM

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	15,737.3	27,483.7	73,409.0	126,572.7	97,419.9	136,167.7
Station Use (MWHR)	386.9	471.0	1,997.6	3,612.0	2,450.6	3,960.0
Generation - Net (MWHR)	15,350.4	27,012.7	71,411.4	122,960.7	94,969.3	132,207.7
Energy Input for Pumping (MWHR)	<u> </u>	<u> </u>	<u> </u>	<u>-</u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	15,350.4	27,012.7	71,411.4	122,960.7	94,969.3	132,207.7
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	569,800	950,522	2,634,840	4,695,695	3,502,018	5,207,977
Fuel Handling	-	-	-	-	-	-
Operations	26,832	6,863	174,144	224,666	252,318	295,158
Maintenance	130,686	135,065	1,618,085	1,392,565	2,373,129	1,810,256
Total	727,318	1,092,450	4,427,069	6,312,925	6,127,466	7,313,391
Quantity of Fuel Burned						
Natural Gas - MCF	147,835	271,705	690,170	1,236,943	919,353	1,335,777
Production Cost per Net KWH						
Generated	4.738	4.044	6.199	5.134	6.452	5.532
Fuel	3.712	3.519	3.690	3.819	3.688	3.939
Operation	0.175	0.025	0.244	0.183	0.266	0.223
Maintenance	0.851	0.500	2.266	1.133	2.499	1.369
% of Total BTU Burned						
Gas	10.49%	71.77%	25.09%	81.05%	42.84%	82.11%
Oil	89.51%	28.23%	74.91%	18.95%	57.16%	17.89%
BTU Per Net KWH Generation						
Gas	1,061.804	7,390.425	2,534.275	8,365.912	4,313.602	8,515.729
Oil	9,061.282	2,907.583	7,568.257	1,955.916	5,755.949	1,855.310

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	3,495.905	476.129	1,455.905	456.478	854.860	462.584

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	912.0	3,160.0	2,220.0	8,331.0	2,773.0	9,211.0
Station Use (MWHR)		1.0	2.0	7.0	3.0	7.0
Generation - Net (MWHR)	912.0	3,159.0	2,218.0	8,324.0	2,770.0	9,204.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	912.0	3,159.0	2,218.0	8,324.0	2,770.0	9,204.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	139,156	230,902	956,491	1,291,973	1,287,273	1,676,037
Fuel Handling	-	-	-	-	-	-
Operations	3,053	1,709	22,261	54,548	38,488	86,303
Maintenance	49,043	37,794	491,767	372,975	607,990	526,421
Total	191,253	270,405	1,470,519	1,719,496	1,933,751	2,288,760
Quantity of Fuel Burned						
Natural Gas - MCF	10,587	41,184	28,342	107,313	34,817	121,081
Production Cost per Net KWH						
Generated	20.971	8.560	66.299	20.657	69.811	24.867
Fuel	15.258	7.309	43.124	15.521	46.472	18.210
Operation	0.335	0.054	1.004	0.655	1.389	0.938
Maintenance	5.378	1.196	22.172	4.481	21.949	5.719
% of Total BTU Burned						
Gas	57.09%	78.24%	48.84%	52.08%	58.07%	57.44%
Oil	42.91%	21.76%	51.16%	47.92%	41.93%	42.56%
BTU Per Net KWH Generation						
Gas	7,061.830	10,456.722	6,626.800	6,852.352	7,696.477	7,696.869
Oil	5,308.784	2,907.950	6,940.378	6,305.504	5,557.313	5,702.631

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	2,160.684	699.009	6,507.519	2,265.070	6,038.080	2,365.880

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

Page 2 of 2 Run Date: 10/15/19 11:47:44 AM

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,144.3	9,747.6	66,007.7	86,328.6	74,325.4	92,816.6
Station Use (MWHR)	199.0	156.0	1,969.0	1,478.0	2,666.0	1,948.0
Generation - Net (MWHR)	3,945.3	9,591.6	64,038.7	84,850.6	71,659.4	90,868.6
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	3,945.3	9,591.6	64,038.7	84,850.6	71,659.4	90,868.6
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	191,484	507,005	2,081,451	3,589,403	2,648,611	4,033,870
Fuel Handling	-	-	-	-	-	-
Operations	13,824	26,663	146,905	302,855	224,523	404,445
Maintenance	33,881	25,919	948,100	1,228,613	1,856,163	1,359,899
Total	239,189	559,586	3,176,456	5,120,872	4,729,298	5,798,215
Quantity of Fuel Burned						
Natural Gas - MCF	43,950	104,762	693,688	931,414	782,398	1,001,090
Production Cost per Net KWH						
Generated	6.063	5.834	4.960	6.035	6.600	6.381
Fuel	4.853	5.286	3.250	4.230	3.696	4.439
Operation	0.350	0.278	0.229	0.357	0.313	0.445
Maintenance	0.859	0.270	1.481	1.448	2.590	1.497
% of Total BTU Burned						
Gas	7.10%	68.61%	30.57%	81.45%	37.33%	81.61%
Oil	92.90%	31.39%	69.43%	18.55%	62.67%	18.39%
BTU Per Net KWH Generation						
Gas	815.896	7,632.217	3,395.990	9,142.291	4,177.489	9,191.588
Oil	10,678.540	3,492.193	7,711.661	2,081.871	7,012.064	2,070.717

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	5,948.641	692.580	957.101	462.714	884.768	482.967

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2019

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	7,744.0	22,938.7	12,808.8	44,965.7	18,329.1	46,670.7
Station Use (MWHR)	0.2	0.2	0.6	12.5	1.1	18.5
Generation - Net (MWHR)	7,743.8	22,938.6	12,808.2	44,953.2	18,328.1	46,652.2
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	7,743.8	22,938.6	12,808.2	44,953.2	18,328.1	46,652.2
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	570,588	843,074	2,402,770	2,562,246	2,798,063	2,948,823
Fuel Handling	-	-	-	-	-	-
Operations	10,892	9,540	105,857	108,475	137,706	167,553
Maintenance	6,026	38,269	362,494	484,429	484,532	762,542
Total	587,505	890,884	2,871,121	3,155,149	3,420,301	3,878,918
Quantity of Fuel Burned						
Natural Gas - MCF	91,073	270,017	150,894	485,192	217,974	506,246
Production Cost per Net KWH						
Generated	7.587	3.884	22.416	7.019	18.662	8.315
Fuel	7.368	3.675	18.760	5.700	15.267	6.321
Operation	0.141	0.042	0.826	0.241	0.751	0.359
Maintenance	0.078	0.167	2.830	1.078	2.644	1.635
% of Total BTU Burned						
Gas	0.22%	12.67%	4.61%	37.59%	28.93%	40.15%
Oil	99.78%	87.33%	95.39%	62.41%	71.07%	59.85%
BTU Per Net KWH Generation						
Gas	26.544	1,517.888	557.560	4,135.854	3,525.654	4,442.706
Oil	12,065.142	10,459.274	11,541.923	6,868.113	8,659.594	6,622.465

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	277,584.972	2,421.362	33,645.851	1,378.144	4,330.132	1,422.750

Cost Per Ton of Coal Burned

Note: BTU amounts are not correct prior to August 2014.

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Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Sep Year: 2019

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

10,92

10,92

Ameren Missouri's Response to Sierra Club Data Request ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.23

For each of Ameren Missouri's coal units, please identify:

- a. Average cold startup costs.
- b. Average warm startup cost.

RESPONSE

Prepared By: Jon Strahlendorf
Title: Senior Power Supply Supervisor
Date: October 10, 2019

Average cold and warm start-up costs (Jan 2016 - Sep 2019)

LABADIE1	COLD START	\$	79,342.45	
	WARM START	\$	21,396.70	
LABADIE2	COLD START	\$	79,342.45	
	WARM START	\$	21,396.70	
LABADIE3	COLD START	\$	79,350.49	
	WARM START	\$	21,404.74	
LABADIE4	COLD START	\$	79,342.45	
	WARM START	\$	21,396.70	
MERAMEC3	COLD START	\$	14,368.44	
	WARM START	\$	11,236.69	
MERAMEC4	COLD START	\$	13,412.31	
	WARM START	\$	11,247.58	
RUSHIS1	COLD START	\$	99,492.77	
	WARM START	\$	21,514.86	
RUSHIS2	COLD START	\$	99,492.77	
	WARM START	\$	21,514.86	
SIOUX1		COL	LD START	\$
	WARM START	\$	3,946.89	
SIOUX2		COL	LD START	\$
	WARM START	\$	3,946.89	

Ameren Missouri's Response to Sierra Club Data Request ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 001.24

Regarding Ameren Missouri's unit commitment decision process for its coal units:

- a. Describe Ameren Missouri's process for determining whether to commit its coal units outside of the MISO or SPP day-ahead energy markets and operate them up to at least their minimum operation levels.
- b. Describe Ameren Missouri's process for determining whether to self-schedule its coal units at generating levels above their minimum operation levels.
- c. Does Ameren Missouri perform economic analyses to inform its unit commitment decisions (i.e., decisions regarding whether to designate its coal units as must run or take them offline for economic reasons)?
- i. If not, explain why not.
- ii. If so, provide all such analyses conducted since 2015 in native, machine-readable format.

RESPONSE

Prepared By: Mai	rk Peters
Title: Manager Lo	oad Forecasting & Market Analysis
Date: 10/28/2019	

1. Ameren Missouri's coal fired units are all registered in the MISO market. They are not committed outside of MISO.

To the extent that this data request is in regards to Ameren Missouri's use of a must run unit commitment status for its coal fired units, in general, Ameren Missouri utilizes a must run commit status for those units whose operating characteristics, such as high cost to restart, expected increase in forced outages if the units are not placed in must run commit status, and maintenance and capital costs due to unit cycling (again, if not placed in must run commit status), warrant such a designation. These units include all of Ameren Missouri's coal-fired units other than those at the Meramec Energy Center. Must run commit status may also

be used for units at the Meramec Energy Center when such a unit is scheduled for testing to ensure that the unit will be in operation for the test, or in instances where the margin on the first day alone would not warrant committing the unit (due to its start-up cost) but where the expected margin over a longer period of time justifies committing the unit.

In making its commit status decisions, the Company's guiding principle is to clear (i.e., sell energy from) its units in the market when doing so benefits customers. Given that the current MISO algorithm for unit commitment only analyzes the 24-hour period of the next calendar day, Ameren Missouri looks past the next 24 hours to make this assessment. This process takes into consideration the costs associated with decommitting a unit, including; total of the expected foregone margins, the cost to restart the unit and the risk of significant maintenance and capital expenses arising from cycling the unit if it is committed and then decommitted and then committed again. Consideration is also given to unit downtime minimums. That is, if a unit downtime minimum is for more than one day, de-committing the unit based only on the next day's MISO model results could mean that the unit will forego margins for the following days when it remains shut-down.

- 2. Ameren Missouri does not utilize a self-schedule dispatch status for its coal fired units as a matter of course.
- 3. Ameren Missouri utilizes a combination of quantitative and qualitative analysis to inform its unit commitment decisions.

Each day it performs two separate economic analyses.

First, Ameren Missouri makes an assessment of "generation in the money", by unit, by hour, for each of the next 10 days, utilizing the PCI tool to perform a simulated unit dispatch of each unit based on its incremental production cost, unit characteristics and a forecast of LMPs. The model provides an indication of the level of generation that is "in the money" for a given hour (that is to say that the LMP is in excess of the incremental production cost). Hours for which the unit is not "in the money" do not have values in them.

Additionally, a projection of each unit's energy margin for the next 10 days is separately calculated. This is accomplished by first estimating that amount of energy which could be expected to clear in the MISO energy market, for each hour, based upon each units then current as offered production cost and a forecasted estimated of LMPs. The difference between these LMPs and as offered production costs are then applied to the projected level of unit output to provide an estimate of each unit's energy margin, by hour. This process is repeated by adjusting LMPs up and down by 5%.

For units for whom such indicated margins may be negative, consideration is given to the factors listed in part a above.

Analysis results that informed the commitment decision cannot be provided because the PCI tool overwrites data each day that it is utilized.

Ex. AA-D-2

Ameren Missouri's Response to Sierra Club Data Request

ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its

Revenues for Electric Service.

Data Request No.: SC 0002.50

2.50 Refer to the Judgment issued on September 30, 2019, in U.S. District Court Case No. 4:

11 CV 77 RWS requiring that Ameren propose wet flue-gas desulfurization at its Rush

Island Energy Center and install a pollution control technology as effective as dry sorbent

injection at its Labadie Energy Center.

a. Has the Company evaluated the reasonableness of continuing to invest in the

Rush Island Energy Center in light of the requirement that it install wet flue-gas

desulfurization in order to keep operating the plant? If so, provide all reports and

workpapers associated with such evaluation.

b. Has the Company evaluated the reasonableness of continuing to invest in the

Labadie Energy Center in light of the requirement that it install dry sorbent

injection or similar technology within three years in order to keep operating the

plant? If so, provide all reports and workpapers associated with such evaluation.

RESPONSE

Prepared By: Susan Knowles

Title: Director & General Counsel

Date: November 15, 2019

On October 1, 2019, the day after the District Court entered its final judgment, Ameren

Missouri filed a motion to stay the judgment followed by on October 2, 2019 a notice of

Page 1 of 2

appeal. The District Court, over opposition from the Sierra Club, has stayed all construction, engineering and testing requirements associated with the September 30 Judgment and Final Order. The case will now proceed to the Eighth Circuit Court of Appeals where Ameren Missouri intends to contest all aspects of the District Court's ruling including the injunctive relief ordered with respect to both the Rush Island and Labadie Energy Centers. The appellate court will review the District Court's liability rulings de novo and a decision favorable to Ameren Missouri would automatically void the injunctive relief order. With respect to the "reasonableness" of continuing to invest in light of the District Court's ruling, Ameren Missouri has not made a determination respecting such a question nor has it performed such an evaluation and, as such, an evaluation is premature given the ongoing appeal and Stay Order. The answer to the first question above is therefore "no."

Ameren Missouri's Response to Sierra Club Data Request

ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 003.19

For each of the Company's coal units, provide the following hourly information for each

year from 2015 through 2018 and each month of 2019 through the date of your response.

If not available at an hourly scale, explain why not and provide at the most temporally

granular scale available.

a. Day-ahead unit commitment status (e.g., "Must-Run (self-commit)," "Outage,"

"Emergency," "Economic," "Not Participating," or other recorded status.)

b. Real-time unit commitment status (e.g., "Must-Run (self-commit)," "Outage,"

"Emergency," "Economic," "Not Participating," or other recorded status.)

RESPONSE

Prepared By: Jon Strahlendorf

Title: Senior Power Supply Supervisor

Date: 11/18/2019

Subject to the Company's objection, please see the attached files.

Ameren Missouri's Response to Sierra Club Data Request ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

Data Request No.: SC 0005.1

Has the Company estimated the capital cost of installing a wet flue gas desulfurization (FGD) system at Rush Island? If so, identify the Company's most-recent cost estimate and identify the dollar year associated with that estimate.

RESPONSE

Prepared By: Susan Knowles

Title: Director and Assistant General Counsel

Date: December 3, 2019

Subject to the Company's objection,

Has the Company estimated the capital cost of installing a wet flue gas desulfurization (FGD) system at Rush Island?

Yes, at the request of counsel for purposes of addressing ongoing federal court litigation and other litigation risks, and other non-privileged estimates have also been prepared for the Company as described below.

If so, identify the Company's most-recent cost estimate and identify the dollar year associated with that estimate.

See attached privilege log regarding privileged estimates. With respect to other estimates, during the remedy phase of the litigation, Ameren Missouri prepared an expert report from the engineering firm Sargent & Lundy detailing the potential cost of installation of pollution control equipment at the Rush Island Energy Center including DSI and/or scrubbers (i.e. wet FGD). No such report was prepared for the Labadie Energy Center as that facility was not named in the litigation. Plaintiff's expert witness (James Staudt) used that report to estimate the cost of DSI at the Labadie Energy Center. Ameren Missouri believes Mr. Staudt's cost estimates to be in error and, through its own expert witness Ken Snell, presented a report critiquing the Rush FGD and Labadie DSI cost estimates. Copies of Mr. Snell's report and a demonstrative trial exhibit that cross-references pages and tables within the June 16, 2018 report are attached.

Also attached are copies of declarations from Mr. Christopher Stumpf that describe the process through which engineering design and cost estimates associated with DSI at

Labadie would need to be developed. That process is site-specific and dependent upon testing and engineering which has not occurred. Those declarations were filed with the District Court and appended to a Motion for Stay and a Motion to Modify the Judgment and Final Order.

Lastly, Ameren Missouri references recent SEC 10Q disclosures in which it provides ballpark estimates relating to the installation of an FGD at Rush (approximately \$1B; annual O&M of \$30-50M) and states that specific costs related to Labadie have not been developed. Excerpts from Ameren Corporations 10Q is provided below.

NSR and Clean Air Litigation

In January 2011, the Department of Justice, on behalf of the EPA, filed a complaint against Ameren Missouri in the United States District Court for the Eastern District of Missouri alleging that in performing projects at its Rush Island coal-fired energy center in 2007 and 2010, Ameren Missouri violated provisions of the Clean Air Act and Missouri law. In January 2017, the district court issued a liability ruling and in September 2019 entered a final judgment that ordered Ameren Missouri to install a flue gas desulfurization system at the Rush Island energy center and a dry sorbent injection system at the Labadie energy center. There were no fines or monetary penalties in the order. In October 2019, following a request by Ameren Missouri, the trial court stayed the majority of its order while the case is appealed to the United States Court of Appeals for the Eighth Circuit. Ameren Missouri believes that in reaching its liability and remedy decisions, the trial court both misinterpreted and misapplied the law. We are unable to predict the ultimate resolution of this matter. Based on the initial procedural schedule, the Court of Appeals for the Eighth Circuit is expected to hear oral arguments in 2020; however, it is under no deadline to issue a ruling in this case.

The ultimate resolution of this matter could have a material adverse effect on the results of operations, financial position, and liquidity of Ameren and Ameren Missouri. Among other things and subject to economic and regulatory considerations, resolution of this matter could result in increased capital expenditures for the installation of pollution control equipment, as well as increased operations and maintenance expenses. Capital expenditures to comply with the trial court's order for installation of a flue gas desulfurization system at the Rush Island energy center are estimated at approximately \$1 billion and result in additional operation and maintenance expenses of \$30 million to \$50 million annually for the life of the energy center. Estimates for the additional capital expenditures and operation and maintenance expenses for the Labadie energy center to comply with the trial court's order are under development. As a result of the trial court's stay, we do not expect significant capital expenditures or operations and maintenance expenses while the case is under appeal.

Ameren Missouri's Response to MPSC Data Request - MPSC ER-2019-0335

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Electric Service.

No.: MPSC 0048

Please refer to Ameren Missouri's response to Staff's Data Request No. 66 as part of Case No. ER-2016-0179. For Ameren Missouri's electric operations, by month, provide the following reports for the period covering January 1, 2017 through December 31, 2019, updating by month as available: 1. C-9 monthly generating plant statistic report 2. Monthly Summary of Cost of Fossil Fuel Used for Electric Generation. Data Request submitted by John Cassidy (John.cassidy@psc.mo.gov).

RESPONSE

Prepared By: Raysene Logan

Title: Supervisor, Fuel and Gas Accounting

Date: August 1, 2019

See attached documents for the period of January 2017 through June 2019.

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,248,444.0	4,038,222.8	4,248,444.0	4,038,222.8	44,280,974.0	41,373,133.9
Station Use (MWHR)	227,641.1	217,762.8	227,641.1	217,762.8	2,403,564.0	2,332,622.5
Generation - Net (MWHR)	4,020,802.8	3,820,460.0	4,020,802.8	3,820,460.0	41,877,410.1	39,040,511.4
Energy Input for Pumping (MWHR)	30,446.0	39,987.0	30,446.0	39,987.0	513,231.0	553,525.0
Generation Less Pumping Energy (MWHR)	3,990,356.8	3,780,473.0	3,990,356.8	3,780,473.0	41,364,179.1	38,486,986.4
Total Production Cost						
Fuel - Coal	65,028,183	63,270,199	65,028,183	63,270,199	673,179,549	630,095,316
Fuel - Natural Gas	1,533,895	774,637	1,533,895	774,637	22,859,131	22,401,341
Fuel - Oil	220,592	217,122	220,592	217,122	2,184,820	3,059,406
Fuel Handling	786,836	403,682	786,836	403,682	9,841,317	8,279,743
Nuclear	8,145,013	8,240,271	8,145,013	8,240,271	75,525,970	87,206,424
Operations	14,630,536	12,900,724	14,630,536	12,900,724	136,444,566	134,176,556
Maintenance	10,134,365	10,937,931	10,134,365	10,937,931	154,933,640	160,099,389
Total	100,479,419	96,744,567	100,479,419	96,744,567	1,074,968,993	1,045,318,175
Quantity of Fuel Burned						
Coal - Tons	1,770,110	1,665,419	1,770,110	1,665,419	18,080,008	16,305,865
Nuclear - MMBTU	9,047,379	8,889,405	9,047,379	8,889,405	83,515,145	94,173,667
Natural Gas - MCF	339,094	181,111	339,094	181,111	8,223,771	8,558,620
Oil - Gallons	145,982	134,239	145,982	134,239	1,429,806	2,223,515
Production Cost per Net KWH						
Generated	2.499	2.532	2.499	2.532	2.567	2.678
Fuel	1.661	1.682	1.661	1.682	1.667	1.679
Fuel Handling	0.020	0.011	0.020	0.011	0.024	0.021
Nuclear Fuel Burned	0.203	0.216	0.203	0.216	0.180	0.223
Operation	0.364	0.338	0.364	0.338	0.326	0.344
Maintenance	0.252	0.286	0.252	0.286	0.370	0.410

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	77.07%	76.42%	77.07%	76.42%	78.22%	74.27%
Nuclear	22.38%	23.18%	22.38%	23.18%	20.64%	24.42%
Gas	0.49%	0.32%	0.49%	0.32%	0.77%	0.74%
Oil	0.06%	0.08%	0.06%	0.08%	0.37%	0.56%
BTU Per Net KWH Generation						
Coal	7,747.567	7,670.790	7,747.567	7,670.790	7,557.511	7,335.323
Nuclear	2,250.142	2,326.789	2,250.142	2,326.789	1,994.277	2,412.204
Gas	48.918	32.118	48.918	32.118	73.937	73.133
Oil	5.688	8.005	5.688	8.005	36.222	55.790
BTU Per Pound of Coal	8,799	8,798	8,799	8,798	8,752	8,781
Cost Per MMBTU Burned						
Coal	211.274	217.273	211.274	217.273	215.812	222.916
Nuclear	90.026	92.698	90.026	92.698	90.434	92.602
Natural Gas	779.862	631.300	779.862	631.300	738.274	784.599
Cost Per Ton of Coal Burned						
Coal	36.737	37.991	36.737	37.991	37.233	38.642
Coal Handling	0.355	0.170	0.355	0.170	0.463	0.426
Total	37.092	38.160	37.092	38.160	37.697	39.069

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	957,183.0	948,635.0	957,183.0	948,635.0	8,723,822.0	9,855,708.0
Station Use (MWHR)	37,907.0	40,527.0	37,907.0	40,527.0	408,527.0	440,415.0
Generation - Net (MWHR)	919,276.0	908,108.0	919,276.0	908,108.0	8,315,295.0	9,415,293.0
Energy Input for Pumping (MWHR)		_	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	919,276.0	908,108.0	919,276.0	908,108.0	8,315,295.0	9,415,293.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	8,145,013	8,240,271	8,145,013	8,240,271	75,525,970	87,206,424
Operations	9,445,672	7,919,049	9,445,672	7,919,049	76,464,073	75,233,498
Maintenance	3,094,081	3,239,976	3,094,081	3,239,976	67,278,972	66,303,995
Total	20,684,766	19,399,297	20,684,766	19,399,297	219,269,015	228,743,918
Quantity of Fuel Burned						
Nuclear - MMBTU	9,047,379	8,889,405	9,047,379	8,889,405	83,515,145	94,173,667
Production Cost per Net KWH						
Generated	2.250		2.250	2.136	2.637	
Nuclear Fuel Burned	0.886		0.886	0.907	0.908	0.926
Operation	1.028	0.872	1.028	0.872	0.920	0.799
Maintenance	0.337	0.357	0.337	0.357	0.809	0.704
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,841.852	9,788.930	9,841.852	9,788.930	10,043.558	10,002.203

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	90.026	92.698	90.026	92.698	90.434	92.602

Cost Per Ton of Coal Burned

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Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	12.0	12.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	12.0	12.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-		-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	12.0	12.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	199,312.0	131,784.0	199,312.0	131,784.0	1,311,677.0	1,842,088.0
Station Use (MWHR)	20,730.0	13,780.0	20,730.0	13,780.0	167,300.0	178,412.0
Generation - Net (MWHR)	178,582.0	118,004.0	178,582.0	118,004.0	1,144,377.0	1,663,676.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	
Generation Less Pumping Energy (MWHR)	178,582.0	118,004.0	178,582.0	118,004.0	1,144,377.0	1,663,676.0
Total Production Cost						
Fuel - Coal	4,209,897	2,926,504	4,209,897	2,926,504	29,296,949	42,315,681
Fuel - Natural Gas	388,074	105,679	388,074	105,679	1,804,787	1,302,482
Fuel Handling	95,394	115,016	95,394	115,016	1,229,405	1,399,192
Operations	786,628	787,103	786,628	787,103	8,676,814	9,247,795
Maintenance	827,031	881,420	827,031	881,420	10,766,958	9,905,625
Total	6,307,025	4,815,722	6,307,025	4,815,722	51,774,912	64,170,774
Quantity of Fuel Burned						
Coal - Tons	117,885	76,697	117,885	76,697	783,052	1,125,415
Natural Gas - MCF	50,942	32,129	50,942	32,129	482,603	428,023
Oil - Gallons	4,929	1,997	4,929	1,997	47,209	51,006
Production Cost per Net KWH						
Generated	3.532	4.081	3.532	4.081	4.524	3.857
Fuel	2.575	2.570	2.575	2.570	2.718	2.622
Fuel Handling	0.053	0.097	0.053	0.097	0.107	0.084
Operation	0.440	0.667	0.440	0.667	0.758	0.556
Maintenance	0.463	0.747	0.463	0.747	0.941	0.595
% of Total BTU Burned						
Coal	97.48%	97.54%	97.48%	97.54%	96.46%	97.78%
Gas	2.52%	2.46%	2.52%	2.46%	3.54%	2.22%
Oil	-	-	-	-	-	-

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	11,468.324	11,267.984	11,468.324	11,267.984	11,824.737	11,647.561
Gas	297.034	283.821	297.034	283.821	433.805	264.369
BTU Per Pound of Coal	8,687	8,668	8,687	8,668	8,641	8,609
Cost Per MMBTU Burned						
Coal	210.216	228.743	210.216	228.743	225.587	225.593
Natural Gas	731.594	315.534	731.594	315.534	363.549	296.136
Cost Per Ton of Coal Burned						
Coal	35.712	38.157	35.712	38.157	37.414	37.600
Coal Handling	0.804	1.459	0.804	1.459	1.529	1.214
Total	36.516	39.616	36.516	39.616	38.943	38.814

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	561,664.0	559,156.0	561,664.0	559,156.0	5,411,843.0	5,036,339.0
Station Use (MWHR)	42,209.0	44,763.0	42,209.0	44,763.0	428,689.0	444,137.0
Generation - Net (MWHR)	519,455.0	514,393.0	519,455.0	514,393.0	4,983,154.0	4,592,202.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	519,455.0	514,393.0	519,455.0	514,393.0	4,983,154.0	4,592,202.0
Total Production Cost						
Fuel - Coal	11,579,525	11,915,791	11,579,525	11,915,791	104,957,252	103,256,495
Fuel - Oil	63,649	11,651	63,649	11,651	358,009	386,321
Fuel Handling	231,866	111,242	231,866	111,242	2,444,965	2,198,670
Operations	991,528	979,254	991,528	979,254	10,670,169	10,841,517
Maintenance	1,813,214	2,068,651	1,813,214	2,068,651	24,660,356	21,867,589
Total	14,679,783	15,086,589	14,679,783	15,086,589	143,090,750	138,550,592
Quantity of Fuel Burned						
Coal - Tons	317,254	317,826	317,254	317,826	2,821,317	2,676,653
Oil - Gallons	31,378	7,000	31,378	7,000	196,847	248,483
Production Cost per Net KWH						
Generated	2.826	2.933	2.826	2.933	2.871	3.017
Fuel	2.241	2.319	2.241	2.319	2.113	2.257
Fuel Handling	0.045	0.022	0.045	0.022	0.049	0.048
Operation	0.191	0.190	0.191	0.190	0.214	0.236
Maintenance	0.349	0.402	0.349	0.402	0.495	0.476
% of Total BTU Burned						
Coal	99.93%	99.98%	99.93%	99.98%	99.95%	99.93%
Oil	0.07%	0.02%	0.07%	0.02%	0.05%	0.07%
BTU Per Net KWH Generation						
Coal	11,329.665	11,347.535	11,329.665	11,347.535	10,341.231	10,725.621

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	8.276	1.864	8.276	1.864	5.412	7.413
BTU Per Pound of Coal	9,275	9,183	9,275	9,183	9,133	9,201
Cost Per MMBTU Burned Coal	200.695	206.045	200.695	206.045	208.419	214.104
Cost Per Ton of Coal Burned						
Coal	36.499	37.492	36.499	37.492	37.202	38.577
Coal Handling	0.622	0.321	0.622	0.321	0.803	0.781
Total	37.121	37.813	37.121	37.813	38.004	39.357

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,597,983.0	1,540,236.0	1,597,983.0	1,540,236.0	17,047,984.0	15,633,443.0
Station Use (MWHR)	76,721.0	74,609.0	76,721.0	74,609.0		
Generation - Net (MWHR)	1,521,262.0	1,465,627.0	1,521,262.0	1,465,627.0	16,202,030.0	14,831,153.0
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,521,262.0	1,465,627.0	1,521,262.0	1,465,627.0	16,202,030.0	14,831,153.0
Total Production Cost						
Fuel - Coal	32,996,446	32,966,089	32,996,446	32,966,089	350,229,607	332,015,095
Fuel - Oil	90,495	162,239	90,495	162,239	1,222,515	1,760,196
Fuel Handling	380,362	196,884	380,362	196,884	4,854,335	2,701,323
Operations	1,553,749	1,486,314	1,553,749	1,486,314	18,025,484	16,660,542
Maintenance	2,216,326	2,175,088	2,216,326	2,175,088	25,135,448	31,206,005
Total	37,237,378	36,986,613	37,237,378	36,986,613	399,467,389	384,343,161
Quantity of Fuel Burned						
Coal - Tons	883,895	859,693	883,895	859,693	9,288,442	8,538,169
Oil - Gallons	47,952	98,616	47,952	98,616	719,306	1,126,374
Production Cost per Net KWH						
Generated	2.448	2.524	2.448	2.524	2.466	2.591
Fuel	2.175	2.260	2.175	2.260	2.169	2.251
Fuel Handling	0.025	0.013	0.025	0.013	0.030	0.018
Operation	0.102	0.101	0.102	0.101	0.111	0.112
Maintenance	0.146	0.148	0.146	0.148	0.155	0.210
% of Total BTU Burned						
Coal	99.96%	99.91%	99.96%	99.91%	99.94%	99.90%
Oil	0.04%	0.09%	0.04%	0.09%	0.06%	0.10%
BTU Per Net KWH Generation						
Coal	10,213.784	10,305.000	10,213.784	10,305.000	10,071.335	10,115.114

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	4.319	9.218	4.319	9.218	6.082	10.408
BTU Per Pound of Coal	8,789	8,784	8,789	8,784	8,784	8,785
Cost Per MMBTU Burned						
Coal	214.810	219.575	214.810	219.575	217.608	223.116
Cost Per Ton of Coal Burned						
Coal	37.331	38.346	37.331	38.346	37.706	38.886
Coal Handling	0.305	0.131	0.305	0.131	0.417	0.208
Total	37.636	38.478	37.636	38.478	38.123	39.094

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	819,584.0	718,259.0	819,584.0	718,259.0	9,428,831.0	6,834,519.0
Station Use (MWHR)	46,216.0	40,030.0	46,216.0	40,030.0	518,758.0	427,019.0
Generation - Net (MWHR)	773,368.0	678,229.0	773,368.0	678,229.0	8,910,073.0	6,407,500.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	773,368.0	678,229.0	773,368.0	678,229.0	8,910,073.0	6,407,500.0
Total Production Cost						
Fuel - Coal	16,242,315	15,461,816	16,242,315	15,461,816	188,695,741	152,508,045
Fuel - Oil	66,448	43,232	66,448	43,232	604,296	912,889
Fuel Handling	79,213	(19,459)	79,213	(19,459)	1,312,613	1,980,557
Operations	948,169	939,546	948,169	939,546	11,125,748	10,702,843
Maintenance	1,212,400	1,585,252	1,212,400	1,585,252	13,264,624	16,607,332
Total	18,548,545	18,010,387	18,548,545	18,010,387	215,003,022	182,711,665
Quantity of Fuel Burned						
Coal - Tons	451,076	411,203	451,076	411,203	5,187,197	3,965,628
Oil - Gallons	36,586	26,626	36,586	26,626	362,273	631,661
Production Cost per Net KWH						
Generated	2.398	2.656	2.398	2.656	2.413	2.852
Fuel	2.109	2.286	2.109	2.286	2.125	2.394
Fuel Handling	0.010	(0.003)	0.010	(0.003)	0.015	0.031
Operation	0.123	0.139	0.123	0.139	0.125	0.167
Maintenance	0.157	0.234	0.157	0.234	0.149	0.259
% of Total BTU Burned						
Coal	99.93%	99.95%	99.93%	99.95%	99.94%	99.87%
Oil	0.07%	0.05%	0.07%	0.05%	0.06%	0.13%
BTU Per Net KWH Generation						
Coal	9,930.990	10,373.928	9,930.990	10,373.928	9,904.410	10,569.484

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	6.481	5.378	6.481	5.378	5.570	13.505
BTU Per Pound of Coal	8,513	8,555	8,513	8,555	8,506	8,539
Cost Per MMBTU Burned Coal	212.511	219.480	212.511	219.480	215.309	228.115
Cost Per Ton of Coal Burned						
Coal	36.008	37.601	36.008	37.601	36.377	38.457
Coal Handling	0.148	(0.107)	0.148	(0.107)	0.201	0.435
Total	36.156	37.494	36.156	37.494	36.579	38.892

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	9,900.0	15,072.0	9,900.0	15,072.0	627,816.0	461,110.0
Station Use (MWHR)	1,046.0	929.0	1,046.0	929.0	8,195.0	7,506.0
Generation - Net (MWHR)	8,854.0	14,143.0	8,854.0	14,143.0	619,621.0	453,604.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	8,854.0	14,143.0	8,854.0	14,143.0	619,621.0	453,604.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	159,579	107,055	159,579	107,055	2,650,235	2,514,189
Maintenance	146,901	230,111	146,901	230,111	2,925,196	3,437,177
Total	306,479	337,166	306,479	337,166	5,575,431	5,951,366
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	3.461	2.384	3.461	2.384	0.900	1.312
Operation	1.802	0.757	1.802	0.757	0.428	0.554
Maintenance	1.659	1.627	1.659	1.627	0.472	0.758
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	20,568.0	27,653.0	20,568.0	27,653.0	370,847.0	396,562.0
Station Use (MWHR)	385.0	358.0	385.0	358.0	2,793.0	2,672.0
Generation - Net (MWHR)	20,183.0	27,295.0	20,183.0	27,295.0	368,054.0	393,890.0
Energy Input for Pumping (MWHR)	30,446.0	39,987.0	30,446.0	39,987.0	513,231.0	553,525.0
Generation Less Pumping Energy (MWHR)	(10,263.0)	(12,692.0)	(10,263.0)	(12,692.0)	(145,177.0)	(159,635.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	137,215	141,083	137,215	141,083	1,984,883	2,011,594
Maintenance	90,120	108,204	90,120	108,204	1,280,408	1,176,691
Total	227,335	249,287	227,335	249,287	3,265,290	3,188,285
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.126	0.913	1.126	0.913	0.887	0.809
Operation	0.680	0.517	0.680	0.517	0.539	0.511
Maintenance	0.447	0.396	0.447	0.396	0.348	0.299
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	68,786.0	88,021.0	68,786.0	88,021.0	1,004,186.0	908,904.0
Station Use (MWHR)	620.0	,	620.0	568.0		•
Generation - Net (MWHR)	68,166.0	87,453.0	68,166.0	87,453.0		· · · · · · · · · · · · · · · · · · ·
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	68,166.0	87,453.0	68,166.0	87,453.0	997,921.0	903,174.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	319,107	247,920	319,107	247,920	3,202,480	3,207,186
Maintenance	29,023	131,026	29,023	131,026	1,002,368	1,096,779
Total	348,130	378,947	348,130	378,947	4,204,849	4,303,965
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.511	0.433	0.511	0.433	0.421	0.477
Operation	0.468	0.283	0.468	0.283	0.321	0.355
Maintenance	0.043	0.150	0.043	0.150	0.100	0.121
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	5,469.0	7,889.1	5,469.0	7,889.1	45,147.0	69,064.3
Station Use (MWHR)	808.1	1,283.8	808.1	1,283.8	7,785.0	10,967.5
Generation - Net (MWHR)	4,660.9	6,605.3	4,660.9	6,605.3	37,362.0	58,096.7
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	4,660.9	6,605.3	4,660.9	6,605.3	37,362.0	58,096.7
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	192,076	288,744	192,076	288,744	1,722,559	2,512,194
Fuel Handling	-	-	-	-	-	-
Operations	37,785	38,683	37,785	38,683	384,302	276,551
Maintenance	43,808	112,104	43,808	112,104	1,533,610	1,615,969
Total	273,669	439,531	273,669	439,531	3,640,472	4,404,714
Quantity of Fuel Burned						
Natural Gas - MCF	57,337	86,971	57,337	86,971	517,064	794,548
Production Cost per Net KWH						
Generated	5.872	6.654	5.872	6.654	9.744	7.582
Fuel	4.121	4.371	4.121	4.371	4.610	4.324
Operation	0.811	0.586	0.811	0.586	1.029	0.476
Maintenance	0.940	1.697	0.940	1.697	4.105	2.782
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	12,301.707	13,166.911	12,301.707	13,166.911	13,839.290	13,676.290

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	334.996	332.000	334.996	332.000	333.142	316.179

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	309.9	218.7	309.9	218.7	6,085.0	7,285.6
Generation - Net (MWHR)	309.9	218.7	309.9	218.7	6,085.0	-
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	309.9	218.7	309.9	218.7	6,085.0	7,285.6
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	-	-	-	8,203	32,520
Maintenance		-	-	-	-	7,877
Total	-	-	-	-	8,203	40,397
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	-	-	-	-	0.135	
Operation	-	-	-	-	0.135	0.446
Maintenance	-	-	-	-	-	0.108
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	6,600	5,400	6,600	5,400	68,749	31,688
Fuel Handling	-	_	-	-	-	-
Operations	99,974	144,104	99,974	144,104	1,365,166	1,358,817
Maintenance	2,482	5,867	2,482	5,867	679,250	625,899
Total	109,056	155,370	109,056	155,370	2,113,165	2,016,404
Quantity of Fuel Burned						
Natural Gas - MCF	142,881	47,940	142,881	47,940	3,906,458	3,940,177
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,114.0	-	2,114.0	<u>-</u>	66,153.0	77,537.0
Generation - Net (MWHR)	2,114.0	-	2,114.0	-	66,153.0	77,537.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	2,114.0	-	2,114.0	-	66,153.0	77,537.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	223,832	46,688	223,832	46,688	3,227,199	3,298,164
Fuel Handling	-	-	-	-	-	-
Operations	56,990	45,837	56,990	45,837	569,290	630,024
Maintenance	39,775	57,303	39,775	57,303	808,678	943,414
Total	320,597	149,828	320,597	149,828	4,605,168	4,871,601
Quantity of Fuel Burned						
Natural Gas - MCF	21,473	7	21,473	7	731,219	752,289
Production Cost per Net KWH						
Generated	15.165	-	15.165	-	6.961	6.283
Fuel	10.588	-	10.588	-	4.878	4.254
Operation	2.696	-	2.696	-	0.861	0.813
Maintenance	1.882	-	1.882	-	1.222	1.217
% of Total BTU Burned						
Gas	100.00%	_	100.00%	-	43.70%	27.81%
Oil	-	100.00%	-	100.00%	56.30%	72.19%
BTU Per Net KWH Generation						
Gas	10,372.753	-	10,372.753	-	4,967.852	2,774.958
Oil	-	-	-	-	6,399.856	7,204.574

Cost Per MMBTU Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas	1,020.759		1,020.759		- 981.991	1,532.875

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Operations			-		- 41	6,733
Maintenance			<u>-</u>	•	- 415	5,183
Total			-		- 457	11,916
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,060.0	<u>-</u>	1,060.0		2,800.0	1,268.0
Generation - Net (MWHR)	1,060.0	-	1,060.0	-	2,800.0	1,268.0
Energy Input for Pumping (MWHR)		-	-	-	-	-
Generation Less Pumping Energy (MWHR)	1,060.0	-	1,060.0	-	2,800.0	1,268.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	99,497	-	99,497	-	171,763	123,505
Fuel Handling	-	-	-	-	-	-
Operations	3,571	2,468	3,571	2,468	38,686	25,646
Maintenance	5,971	1,366	5,971	1,366	131,290	162,637
Total	109,038	3,834	109,038	3,834	341,739	311,789
Quantity of Fuel Burned						
Natural Gas - MCF	13,185	-	13,185	-	35,982	12,297
Oil - Gallons	-	-	-	-	-	45,143
Production Cost per Net KWH						
Generated	10.287	-	10.287	-	12.205	24.589
Fuel	9.386	-	9.386	-	6.134	9.740
Operation	0.337	-	0.337	-	1.382	2.023
Maintenance	0.563	-	0.563	-	4.689	12.826
% of Total BTU Burned						
Gas	100.00%	-	100.00%	-	92.19%	58.46%
Oil	-	-	-	-	7.81%	41.54%
BTU Per Net KWH Generation						
Gas	12,809.434	-	12,809.434	-	12,173.165	8,642.725
Oil	-	-	-	-	1,031.121	6,142.517

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	732.777	-	732.777		- 503.927	1,126.978

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	138.0	-	138.0	-	401.0	338.0
Station Use (MWHR)	86.0	73.0	86.0	73.0	564.0	541.0
Generation - Net (MWHR)	52.0	(73.0)	52.0	(73.0)	(163.0)	(203.0)
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	52.0	(73.0)	52.0	(73.0)	(163.0)	(203.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	41,451	-	41,451	-	127,109	107,841
Fuel Handling	-	-	-	-	-	-
Operations	3,112	2,140	3,112	2,140	26,144	29,226
Maintenance	3,859	2,168	3,859	2,168	61,042	63,372
Total	48,422	4,308	48,422	4,308	214,295	200,439
Quantity of Fuel Burned						
Oil - Gallons	12,335	-	12,335	-	37,825	30,520
Production Cost per Net KWH						
Generated	93.120	(5.901)	93.120	(5.901)	(131.469)	(98.738)
Fuel	79.714	-	79.714	-	(77.981)	(53.123)
Operation	5.985	(2.932)	5.985	(2.932)	(16.039)	(14.397)
Maintenance	7.422	(2.970)	7.422	(2.970)	(37.449)	(31.218)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	32,497.981	-	32,497.981	-	(31,791.564)	(20,597.241)

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	-	-	5.0	80.0
Generation - Net (MWHR)	-	-	-	-	5.0	80.0
Energy Input for Pumping (MWHR)	<u>-</u>	-	_		<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	-	-	-	-	5.0	80.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	451	-	451	873	10,711
Fuel Handling	-	-	-	-	-	-
Operations	3,680	2,140	3,680	2,140	33,660	32,696
Maintenance	2,184	3,462	2,184	3,462	46,535	58,945
Total	5,864	6,053	5,864	6,053	81,068	102,352
Quantity of Fuel Burned						
Natural Gas - MCF	-	39	-	39	92	1,468
Production Cost per Net KWH						
Generated	-	-	-	-	1,621.357	127.940
Fuel	-	-	-	-	17.456	13.389
Operation	-	-	-	-	673.194	40.870
Maintenance	-	-	-	-	930.707	73.682
% of Total BTU Burned						
Gas	-	-	-	-	100.00%	13.33%
Oil	-	100.00%	-	100.00%	-	86.67%
BTU Per Net KWH Generation						
Gas	-	-	-	-	52,200.000	870.000
Oil	-	-	-	-	-	5,655.000

Cost Per MMBTU Burned

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				-	- 334.406	15,389.411

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	286.0	397.0
Station Use (MWHR)	68.0	65.0	68.0	65.0	451.0	535.0
Generation - Net (MWHR)	(68.0)	(65.0)	(68.0)	(65.0)	(165.0)	(138.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(68.0)	(65.0)	(68.0)	(65.0)	(165.0)	(138.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	67,936	95,290
Fuel Handling	-	-	-	-	-	-
Operations	2,879	2,075	2,879	2,075	27,428	28,723
Maintenance	4,141	6,203	4,141	6,203	71,355	66,593
Total	7,020	8,278	7,020	8,278	166,720	190,606
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	26,421	37,059
Production Cost per Net KWH						
Generated	(10.323)	(12.735)	(10.323)	(12.735)	(101.042)	(138.120)
Fuel	-	-	-	-	(41.173)	(69.050)
Operation	(4.233)	(3.192)	(4.233)	(3.192)	(16.623)	(20.814)
Maintenance	(6.090)	(9.543)	(6.090)	(9.543)	(43.246)	(48.256)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(23,228.924)	(38,956.362)

Cost Per MMBTU Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	116.0	245.0
Station Use (MWHR)	51.0	42.0	51.0	42.0	424.0	435.0
Generation - Net (MWHR)	(51.0)	(42.0)	(51.0)	(42.0)	(308.0)	(190.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(51.0)	(42.0)	(51.0)	(42.0)	(308.0)	(190.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	21,985	36,445
Fuel Handling	-	-	-	-	-	-
Operations	2,849	2,139	2,849	2,139	25,898	29,787
Maintenance	13,321	1,707	13,321	1,707	96,129	59,148
Total	16,170	3,846	16,170	3,846	144,012	125,379
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	13,692	22,608
Production Cost per Net KWH						
Generated	(31.705)	(9.156)	(31.705)	(9.156)	(46.757)	(65.989)
Fuel	-	-	-	-	(7.138)	(19.181)
Operation	(5.586)	(5.093)	(5.586)	(5.093)	(8.409)	(15.677)
Maintenance	(26.119)	(4.063)	(26.119)	(4.063)	(31.211)	(31.131)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(6,090.273)	(16,301.558)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	150.0	-	150.0	-	280.0	338.0
Station Use (MWHR)	50.0	42.0	50.0	42.0	352.0	343.0
Generation - Net (MWHR)	100.0	(42.0)	100.0	(42.0)	(72.0)	(5.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	100.0	(42.0)	100.0	(42.0)	(72.0)	(5.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	20,992	-	20,992	-	461,828	85,755
Fuel Handling	-	-	-	-	-	-
Operations	3,172	2,271	3,172	2,271	27,584	29,481
Maintenance	8,144	2,178	8,144	2,178	145,415	58,931
Total	32,308	4,449	32,308	4,449	634,827	174,167
Quantity of Fuel Burned						
Oil - Gallons	12,802	-	12,802	-	26,233	30,661
Production Cost per Net KWH						
Generated	32.308	(10.593)	32.308	(10.593)	(881.704)	(3,483.347)
Fuel	20.992	-	20.992	-	(641.428)	(1,715.107)
Operation	3.172	(5.408)	3.172	(5.408)	(38.311)	(589.612)
Maintenance	8.144	(5.185)	8.144	(5.185)	(201.965)	(1,178.628)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	17,682.120	-	17,682.120	-	(46,820.955)	(840,109.696)

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	944.0	-	944.0		22,098.0	27,657.0
Generation - Net (MWHR)	944.0	-	944.0	-	22,098.0	27,657.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u> _
Generation Less Pumping Energy (MWHR)	944.0	-	944.0	-	22,098.0	27,657.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	110,522	14,917	110,522	14,917	1,777,268	1,803,572
Fuel Handling	-	-	-	-	-	-
Operations	3,401	1,797	3,401	1,797	64,005	111,456
Maintenance	57,545	41,264	57,545	41,264	568,396	562,079
Total	171,468	57,978	171,468	57,978	2,409,670	2,477,106
Quantity of Fuel Burned						
Natural Gas - MCF	13,105	89	13,105	89	288,450	358,318
Production Cost per Net KWH						
Generated	18.164	-	18.164	-	10.904	8.957
Fuel	11.708	-	11.708	-	8.043	6.521
Operation	0.360	-	0.360	-	0.290	0.403
Maintenance	6.096	-	6.096	-	2.572	2.032
% of Total BTU Burned						
Gas	77.81%	-	77.81%	-	55.76%	38.36%
Oil	22.19%	100.00%	22.19%	100.00%	44.24%	61.64%
BTU Per Net KWH Generation						
Gas	11,155.837	-	11,155.837	-	7,480.485	5,142.276
Oil	3,182.086	-	3,182.086	-	5,934.666	8,262.432

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	1,049.478		1,049.478		- 1,075.153	1,268.157

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	10,015.0	7,823.0
Station Use (MWHR)	240.0	231.0	240.0	231.0	2,157.0	2,286.0
Generation - Net (MWHR)	(240.0)	(231.0)	(240.0)	(231.0)	7,858.0	5,537.0
Energy Input for Pumping (MWHR)	_	<u>-</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	(240.0)	(231.0)	(240.0)	(231.0)	7,858.0	5,537.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	31,219	1,484	31,219	1,484	773,665	613,258
Fuel Handling	-	-	-	-	-	-
Operations	6,388	7,589	6,388	7,589	139,971	124,096
Maintenance	54,612	33,291	54,612	33,291	567,990	466,678
Total	92,219	42,364	92,219	42,364	1,481,625	1,204,032
Quantity of Fuel Burned						
Natural Gas - MCF	503	479	503	479	119,146	97,564
Production Cost per Net KWH						
Generated	(38.424)	(18.340)	(38.424)	(18.340)	18.855	21.745
Fuel	(13.008)	(0.643)	(13.008)	(0.643)	9.846	11.076
Operation	(2.662)	(3.285)	(2.662)	(3.285)	1.781	2.241
Maintenance	(22.755)	(14.412)	(22.755)	(14.412)	7.228	8.428
% of Total BTU Burned						
Gas	-	-	-	-	83.62%	53.35%
Oil	100.00%	100.00%	100.00%	100.00%	16.38%	46.65%
BTU Per Net KWH Generation						
Gas	-	-	-	-	13,183.509	9,675.558
Oil	(2,175.000)	(2,155.844)	(2,175.000)	(2,155.844)	2,583.099	8,461.882

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas				-	- 746.809	1,144.703

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	181.0	53.0	181.0	53.0	103,002.0	103,984.0
Station Use (MWHR)	182.0	194.0	182.0	194.0	3,401.0	7,440.0
Generation - Net (MWHR)	(1.0)	(141.0)	(1.0)	(141.0)	99,601.0	96,544.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	(1.0)	(141.0)	(1.0)	(141.0)	99,601.0	96,544.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	86,600	72,622	86,600	72,622	4,445,432	4,175,081
Fuel Handling	-	-	-	-	-	-
Operations	17,935	10,553	17,935	10,553	289,826	332,883
Maintenance	306,190	98,917	306,190	98,917	1,632,125	1,304,205
Total	410,725	182,092	410,725	182,092	6,367,382	5,812,169
Quantity of Fuel Burned						
Natural Gas - MCF	2,934	382	2,934	382	1,032,846	1,013,945
Production Cost per Net KWH						
Generated	(41,072.546)	(129.144)	(41,072.546)	(129.144)	6.393	6.020
Fuel	(8,659.985)	(51.505)	(8,659.985)	(51.505)	4.463	4.325
Operation	(1,793.532)	(7.485)	(1,793.532)	(7.485)	0.291	0.345
Maintenance	(30,619.029)	(70.154)	(30,619.029)	(70.154)	1.639	1.351
% of Total BTU Burned						
Gas	100.00%	-	100.00%	-	75.97%	50.83%
Oil	-	100.00%	-	100.00%	24.03%	49.17%
BTU Per Net KWH Generation						
Gas	(3,023,000.000)	-	(3,023,000.000)	-	8,126.783	5,495.879
Oil	-	(2,794.326)	-	(2,794.326)	2,570.318	5,315.813

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	2,864.699	-	2,864.699		- 549.201	786.869

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,413.0	-	1,413.0	-	7,368.0	7,224.0
Station Use (MWHR)	1.0	-	1.0	<u> </u>	4.0	3.0
Generation - Net (MWHR)	1,412.0	-	1,412.0	-	7,364.0	7,221.0
Energy Input for Pumping (MWHR)	<u> </u>	-	<u>-</u>	<u> </u>	<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,412.0	-	1,412.0	-	7,364.0	7,221.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	182,324	99,369	182,324	99,369	1,591,455	1,528,526
Fuel Handling	-	-	-	-	-	-
Operations	10,102	2,374	10,102	2,374	85,882	63,656
Maintenance	57,283	34,684	57,283	34,684	587,158	584,878
Total	249,709	136,426	249,709	136,426	2,264,495	2,177,060
Quantity of Fuel Burned						
Natural Gas - MCF	18,806	-	18,806	-	99,281	93,884
Production Cost per Net KWH						
Generated	17.685	-	17.685	-	30.751	30.149
Fuel	12.912	-	12.912	-	21.611	21.168
Operation	0.715	-	0.715	-	1.166	0.882
Maintenance	4.057	-	4.057	-	7.973	8.100
% of Total BTU Burned						
Gas	100.00%	-	100.00%	-	47.90%	34.79%
Oil	-	-	-	-	52.10%	65.21%
BTU Per Net KWH Generation						
Gas	13,367.564	-	13,367.564	-	6,485.839	4,686.773
Oil	-	-	-	-	7,053.813	8,784.075

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	965.955	-	965.955		- 3,332.073	4,516.495

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,672.0	1,234.0	1,672.0	1,234.0	57,027.0	81,298.0
Station Use (MWHR)	319.0	268.0	319.0	268.0	1,920.0	1,881.0
Generation - Net (MWHR)	1,353.0	966.0	1,353.0	966.0	55,107.0	79,417.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,353.0	966.0	1,353.0	966.0	55,107.0	79,417.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	66,017	51,987	66,017	51,987	3,706,269	4,335,121
Fuel Handling	-	-	-	-	-	-
Operations	18,173	40,539	18,173	40,539	382,806	477,444
Maintenance	71,331	38,378	71,331	38,378	755,815	947,677
Total	155,520	130,904	155,520	130,904	4,844,890	5,760,242
Quantity of Fuel Burned						
Natural Gas - MCF	17,926	13,071	17,926	13,071	614,563	823,369
Production Cost per Net KWH						
Generated	11.494		11.494	13.551		
Fuel	4.879		4.879	5.382	6.726	5.459
Operation	1.343	4.197	1.343	4.197	0.695	0.601
Maintenance	5.272	3.973	5.272	3.973	1.372	1.193
% of Total BTU Burned						
Gas	100.00%	16.67%	100.00%	16.67%	86.67%	57.71%
Oil	-	83.33%	-	83.33%	13.33%	42.29%
BTU Per Net KWH Generation						
Gas	13,579.453	2,321.084	13,579.453	2,321.084	9,906.131	6,179.821
Oil	-	11,605.418	-	11,605.418	1,523.850	4,528.390

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	359.315	2,318.595	359.315	2,318.595	678.932	883.307

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Jan Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1.0	-	1.0	-	33,041.0	19,778.0
Station Use (MWHR)	2.0	<u>-</u>	2.0	<u> </u>	25.0	10.0
Generation - Net (MWHR)	(1.0)	-	(1.0)	-	33,016.0	19,768.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>		
Generation Less Pumping Energy (MWHR)	(1.0)	-	(1.0)	-	33,016.0	19,768.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	84,692	87,296	84,692	87,296	2,890,254	2,341,710
Fuel Handling	-	-	-	-	-	-
Operations	11,434	2,554	11,434	2,554	84,300	35,174
Maintenance	34,624	79,311	34,624	79,311	919,517	961,029
Total	130,750	169,161	130,750	169,161	3,894,071	3,337,914
Quantity of Fuel Burned						
Natural Gas - MCF	2	4	2	4	396,067	242,738
Production Cost per Net KWH						
Generated	(13,075.019)	-	(13,075.019)	-	11.794	16.885
Fuel	(8,469.198)	-	(8,469.198)	-	8.754	
Operation	(1,143.380)	-	(1,143.380)	-	0.255	
Maintenance	(3,462.441)	-	(3,462.441)	-	2.785	4.862
% of Total BTU Burned						
Gas	(100.00)%	-	(100.00)%	-	11.79%	57.11%
Oil	200.00%	100.00%	200.00%	100.00%	88.21%	42.89%
BTU Per Net KWH Generation						
Gas	2,000.000	-	2,000.000	-	1,448.263	7,262.095
Oil	(4,000.000)	-	(4,000.000)	-	10,839.112	5,452.849

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	(4,234,599.000)	-	(4,234,599.000)		- 6,044.550	1,631.205

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Jan

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			. <u>-</u>
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Maintenance			-		- 14,590	299
Total			-		- 14,590	299
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Peno Creek CTG ACTUAL 2019 Feb LIEC 09 (Finite Court Total) FICE Total T. ALL. BMC. ALL. BN. ALL.	
ACTUAL, 2018, Feb, UEC.98, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	47
ACTV_ALL	4/
Audrain CTG	
ACTUAL, 2018, Feb, UEC.7A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	49
Sioux-Rush Island Transfer Facility	
ACTUAL, 2018, Feb, UEC.5C, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	51

Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,466,405.7	3,543,495.3	7,714,849.6	7,581,718.0	44,203,884.4	41,395,558.4
Station Use (MWHR)	187,864.1	182,838.3	415,505.2	400,601.1	2,408,589.7	2,318,011.1
Generation - Net (MWHR)	3,278,541.6	3,360,657.0	7,299,344.4	7,181,117.0	41,795,294.7	
Energy Input for Pumping (MWHR)	17,275.0	10,421.0	47,721.0	50,408.0	520,085.0	551,208.0
Generation Less Pumping Energy (MWHR)	3,261,266.6	3,350,236.0	7,251,623.4	7,130,709.0	41,275,209.7	38,526,339.3
Total Production Cost						
Fuel - Coal	50,989,386	54,678,775	116,017,569	117,948,974	669,490,159	630,918,212
Fuel - Natural Gas	690,404	655,922	2,224,300	1,430,559	22,893,613	22,447,567
Fuel - Oil	144,343	183,701	364,935	400,823	2,145,463	3,054,237
Fuel Handling	650,888	239,352	1,437,723	643,033	10,252,853	7,691,675
Nuclear	7,420,061	7,573,475	15,565,075	15,813,746	75,372,557	86,730,137
Operations	9,697,000	9,566,580	24,327,536	22,467,304	136,574,987	133,233,712
Maintenance	10,091,986	8,971,947	20,226,351	19,909,878	156,053,679	158,242,359
Total	79,684,069	81,869,752	180,163,488	178,614,319	1,072,783,310	1,042,317,900
Quantity of Fuel Burned						
Coal - Tons	1,380,932	1,444,259	3,151,042	3,109,678	18,016,681	16,361,319
Nuclear - MMBTU	8,171,690	8,169,452	17,219,069	17,058,858	83,517,383	93,881,235
Natural Gas - MCF	132,050	98,881	471,144	279,992	8,256,940	8,537,227
Oil - Gallons	84,350	114,432	230,332	248,671	1,399,724	2,206,469
Production Cost per Net KWH						
Generated	2.430	2.436	2.468	2.487	2.567	2.667
Fuel	1.581	1.652	1.625	1.668	1.662	1.680
Fuel Handling	0.020	0.007	0.020	0.009	0.025	0.020
Nuclear Fuel Burned	0.226	0.225	0.213	0.220	0.180	0.222
Operation	0.296	0.285	0.333	0.313	0.327	0.341
Maintenance	0.308	0.267	0.277	0.277	0.373	0.405

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics

Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	74.58%	75.43%	75.96%	75.96%	78.16%	74.48%
Nuclear	25.07%	24.26%	23.58%	23.68%	20.70%	24.22%
Gas	0.31%	0.25%	0.41%	0.29%	0.77%	0.74%
Oil	0.04%	0.06%	0.05%	0.07%	0.37%	0.56%
BTU Per Net KWH Generation						
Coal	7,414.280	7,559.122	7,597.869	7,618.531	7,546.146	7,386.050
Nuclear	2,492.477	2,430.909	2,358.988	2,375.516	1,998.248	2,402.434
Gas	30.762	24.737	40.763	28.664	74.506	72.951
Oil	3.525	5.951	4.716	7.044	36.091	55.781
BTU Per Pound of Coal	8,801	8,795	8,800	8,797	8,753	8,820
Cost Per MMBTU Burned						
Coal	212.441	216.182	211.786	216.767	215.522	221.257
Nuclear	90.802	92.705	90.394	92.701	90.248	92.383
Natural Gas	684.558	789.017	747.558	694.997	735.179	787.428
Cost Per Ton of Coal Burned						
Coal	36.924	37.859	36.819	37.930	37.159	38.562
Coal Handling	0.405	0.096	0.377	0.136	0.488	0.389
Total	37.328	37.956	37.195	38.065	37.648	38.951

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	865,597.0	863,932.0	1,822,780.0	1,812,567.0	8,725,487.0	9,819,009.0
Station Use (MWHR)	36,684.0	36,044.0	74,591.0	76,571.0	409,167.0	438,334.0
Generation - Net (MWHR)	828,913.0	827,888.0	1,748,189.0	1,735,996.0	8,316,320.0	9,380,675.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	828,913.0	827,888.0	1,748,189.0	1,735,996.0	8,316,320.0	9,380,675.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,420,061	7,573,475	15,565,075	15,813,746	75,372,557	86,730,137
Operations	5,371,272	5,403,555	14,816,944	13,322,603	76,431,791	74,538,386
Maintenance	3,347,763	3,026,946	6,441,844	6,266,922	67,599,789	65,297,234
Total	16,139,097	16,003,975	36,823,863	35,403,272	219,404,137	226,565,756
Quantity of Fuel Burned						
Nuclear - MMBTU	8,171,690	8,169,452	17,219,069	17,058,858	83,517,383	93,881,235
Production Cost per Net KWH						
Generated	1.947	1.933	2.106	2.039	2.638	2.415
Nuclear Fuel Burned	0.895	0.915	0.890	0.911	0.906	0.925
Operation	0.648	0.653	0.848	0.767	0.919	0.795
Maintenance	0.404	0.366	0.368	0.361	0.813	0.696
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,858.321	9,867.823	9,849.661	9,826.554	10,042.589	10,007.940

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	90.802	92.705	90.394	92.701	90.248	92.383

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	24.0	24.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	24.0	24.0	144.0	144.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	24.0	24.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6.0	10,886.0	199,318.0	142,670.0	1,300,797.0	1,754,775.0
Station Use (MWHR)	6,710.0	3,974.0	27,440.0	17,754.0	170,036.0	172,050.0
Generation - Net (MWHR)	(6,704.0)	6,912.0	171,878.0	124,916.0	1,130,761.0	1,582,725.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(6,704.0)	6,912.0	171,878.0	124,916.0	1,130,761.0	1,582,725.0
Total Production Cost						
Fuel - Coal	-	164,887	4,209,897	3,091,391	29,132,062	40,321,045
Fuel - Natural Gas	24,367	20,551	412,441	126,229	1,808,604	1,293,448
Fuel Handling	60,903	101,732	156,297	216,748	1,188,576	1,339,142
Operations	554,874	566,247	1,341,502	1,353,351	8,665,440	9,049,961
Maintenance	1,268,507	864,853	2,095,538	1,746,273	11,170,612	9,963,934
Total	1,908,651	1,718,270	8,215,676	6,533,991	51,965,293	61,967,530
Quantity of Fuel Burned						
Coal - Tons	-	4,383	117,885	81,080	778,669	1,073,744
Natural Gas - MCF	11,815	4,145	62,757	36,274	490,273	418,944
Oil - Gallons	2,823	3,277	7,752	5,274	46,755	50,893
Production Cost per Net KWH						
Generated	(28.470)	24.859	4.780	5.231	4.596	3.915
Fuel	(0.363)	2.683	2.689	2.576	2.736	2.629
Fuel Handling	(0.908)	1.472	0.091	0.174	0.105	0.085
Operation	(8.277)	8.192	0.780	1.083	0.766	0.572
Maintenance	(18.922)	12.512	1.219	1.398	0.988	0.630
% of Total BTU Burned						
Coal	-	94.60%	96.92%	97.38%	96.39%	97.72%
Gas	100.00%	5.40%	3.08%	2.62%	3.61%	2.28%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	-	10,949.382	11,915.639	11,250.354	11,900.193	11,677.418
Gas	(1,809.069)	624.566	379.182	302.675	445.936	271.950
BTU Per Pound of Coal	-	8,634	8,687	8,666	8,641	8,606
Cost Per MMBTU Burned						
Coal	-	352.288	213.189	235.396	225.327	225.408
Natural Gas	200.919	476.041	632.841	333.861	358.674	300.507
Cost Per Ton of Coal Burned						
Coal	-	37.620	35.712	38.128	37.413	37.552
Coal Handling		22.554	1.316	2.599	1.488	1.216
Total	-	60.174	37.028	40.727	38.901	38.768

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	404,141.0	440,674.0	965,805.0	999,830.0	5,375,310.0	5,047,056.0
Station Use (MWHR)	32,301.0	33,641.0	74,510.0	78,404.0	427,349.0	438,408.0
Generation - Net (MWHR)	371,840.0	407,033.0	891,295.0	921,426.0	4,947,961.0	
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	371,840.0	407,033.0	891,295.0	921,426.0	4,947,961.0	4,608,648.0
Total Production Cost						
Fuel - Coal	8,438,712	9,463,579	20,018,237	21,379,370	103,932,385	102,913,271
Fuel - Oil	31,621	20,283	95,269	31,934	369,347	401,141
Fuel Handling	204,719	148,270	436,585	259,512	2,501,414	2,168,683
Operations	769,916	730,749	1,761,444	1,710,003	10,709,336	10,727,142
Maintenance	1,597,266	1,502,274	3,410,479	3,570,924	24,755,348	21,936,917
Total	11,042,233	11,865,154	25,722,016	26,951,743	142,267,829	138,147,154
Quantity of Fuel Burned						
Coal - Tons	233,529	250,581	550,783	568,407	2,804,265	2,677,005
Oil - Gallons	20,218	12,164	51,596	19,164	204,901	256,448
Production Cost per Net KWH						
Generated	2.970	2.915	2.886	2.925	2.875	2.998
Fuel	2.278	2.330	2.257	2.324	2.108	2.242
Fuel Handling	0.055	0.036	0.049	0.028	0.051	0.047
Operation	0.207	0.180	0.198	0.186	0.216	0.233
Maintenance	0.430	0.369	0.383	0.388	0.500	0.476
% of Total BTU Burned						
Coal	99.94%	99.96%	99.93%	99.97%	99.95%	99.93%
Oil	0.06%	0.04%	0.07%	0.03%	0.05%	0.07%
BTU Per Net KWH Generation						
Coal	11,562.178	11,359.343	11,426.667	11,352.751	10,349.233	10,964.650

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	7.449	4.094	7.931	2.849	5.673	7.623
BTU Per Pound of Coal	9,205	9,226	9,245	9,202	9,130	9,438
Cost Per MMBTU Burned Coal	201.044	207.885	200.842	206.858	207.848	207.950
Cost Per Ton of Coal Burned						
Coal	36.136	37.767	36.345	37.613	37.062	38.443
Coal Handling	0.863	0.546	0.724	0.420	0.830	0.768
Total	36.999	38.312	37.069	38.033	37.893	39.212

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,390,350.0	1,344,106.0	2,988,333.0	2,884,342.0	17,094,228.0	15,666,804.0
Station Use (MWHR)	68,951.0	65,523.0	145,672.0	140,132.0	849,382.0	800,124.0
Generation - Net (MWHR)	1,321,399.0	1,278,583.0	2,842,661.0	2,744,210.0	16,244,846.0	14,866,680.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	1,321,399.0	1,278,583.0	2,842,661.0	2,744,210.0	16,244,846.0	14,866,680.0
Total Production Cost						
Fuel - Coal	28,170,725	28,475,073	61,167,170	61,441,162	349,925,259	332,009,943
Fuel - Oil	34,334	162,809	124,828	325,048	1,094,040	1,863,371
Fuel Handling	304,758	105,371	685,120	302,254	5,053,722	2,518,370
Operations	1,406,312	1,269,659	2,960,061	2,755,973	18,162,137	16,893,628
Maintenance	1,881,345	1,868,140	4,097,671	4,043,227	25,148,653	31,132,504
Total	31,797,473	31,881,052	69,034,850	68,867,664	399,383,810	384,417,817
Quantity of Fuel Burned						
Coal - Tons	767,245	746,963	1,651,140	1,606,656	9,308,724	8,548,635
Oil - Gallons	18,146	98,616	66,098	197,232	638,836	1,187,170
Production Cost per Net KWH						
Generated	2.406	2.493	2.429	2.510	2.459	2.586
Fuel	2.134	2.240	2.156	2.251	2.161	2.246
Fuel Handling	0.023	0.008	0.024	0.011	0.031	0.017
Operation	0.106	0.099	0.104	0.100	0.112	0.114
Maintenance	0.142	0.146	0.144	0.147	0.155	0.209
% of Total BTU Burned						
Coal	99.98%	99.90%	99.97%	99.90%	99.95%	99.89%
Oil	0.02%	0.10%	0.03%	0.10%	0.05%	0.11%
BTU Per Net KWH Generation						
Coal	10,222.797	10,266.101	10,217.974	10,286.876	10,068.326	10,103.238

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.881	10.566	3.186	9.846	5.388	10.943
BTU Per Pound of Coal	8,803	8,786	8,796	8,785	8,785	8,785
Cost Per MMBTU Burned Coal	210.798	217.738	212.944	218.721	217.035	222.720
Cost Per Ton of Coal Burned						
Coal	36.717	38.121	37.045	38.242	37.591	38.838
Coal Handling	0.308	0.048	0.306	0.093	0.437	0.186
Total	37.024	38.169	37.352	38.334	38.029	39.024

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	681,580.0	755,453.0	1,501,164.0	1,473,712.0	9,354,958.0	6,977,137.0
Station Use (MWHR)	39,928.0	39,523.0	86,144.0	79,553.0	519,163.0	427,748.0
Generation - Net (MWHR)	641,652.0	715,930.0	1,415,020.0	1,394,159.0	8,835,795.0	6,549,389.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	641,652.0	715,930.0	1,415,020.0	1,394,159.0	8,835,795.0	6,549,389.0
Total Production Cost						
Fuel - Coal	14,379,950	16,575,236	30,622,264	32,037,052	186,500,454	155,673,953
Fuel - Oil	78,389	609	144,837	43,841	682,076	789,725
Fuel Handling	80,507	(116,021)	159,721	(135,480)	1,509,141	1,665,479
Operations	792,474	857,745	1,740,643	1,797,291	11,060,477	10,624,757
Maintenance	1,258,561	978,395	2,470,961	2,563,648	13,544,790	16,374,454
Total	16,589,882	18,295,965	35,138,426	36,306,351	213,296,939	185,128,368
Quantity of Fuel Burned						
Coal - Tons	380,158	442,332	831,234	853,535	5,125,023	4,061,935
Oil - Gallons	43,163	375	79,749	27,001	405,061	545,967
Production Cost per Net KWH						
Generated	2.585	2.556	2.483	2.604	2.414	2.827
Fuel	2.253	2.315	2.174	2.301	2.118	2.389
Fuel Handling	0.013	(0.016)	0.011	(0.010)	0.017	0.025
Operation	0.124	0.120	0.123	0.129	0.125	0.162
Maintenance	0.196	0.137	0.175	0.184	0.153	0.250
% of Total BTU Burned						
Coal	99.91%	100.00%	99.92%	99.97%	99.94%	99.89%
Oil	0.09%	0.00%	0.08%	0.03%	0.06%	0.11%
BTU Per Net KWH Generation						
Coal	10,130.651	10,585.173	10,021.528	10,482.407	9,865.680	10,598.355

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	9.216	0.072	7.721	2.653	6.280	11.420
BTU Per Pound of Coal	8,550	8,566	8,530	8,561	8,504	8,544
Cost Per MMBTU Burned Coal	222.457	217.190	217.070	218.292	215.679	226.672
Cost Per Ton of Coal Burned						
Coal	37.826	37.472	36.840	37.535	36.390	38.325
Coal Handling	0.159	(0.300)	0.153	(0.207)	0.241	0.348
Total	37.986	37.173	36.993	37.328	36.632	38.673

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Peb

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	34,206.0	25,407.0	44,106.0	40,479.0	636,615.0	418,107.0
Station Use (MWHR)	546.0	818.0	1,592.0	1,747.0	7,923.0	7,751.0
Generation - Net (MWHR)	33,660.0	24,589.0	42,514.0	38,732.0	628,692.0	410,356.0
Energy Input for Pumping (MWHR)		-			<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	33,660.0	24,589.0	42,514.0	38,732.0	628,692.0	410,356.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	161,824	156,203	321,403	263,258	2,655,856	2,568,526
Maintenance	119,454	152,713	266,355	382,824	2,891,937	3,170,445
Total	281,278	308,916	587,758	646,082	5,547,793	5,738,971
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.836	1.256	1.383	1.668	0.882	1.399
Operation	0.481	0.635	0.756	0.680	0.422	0.626
Maintenance	0.355	0.621	0.627	0.988	0.460	0.773
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12,246.0	8,574.0	32,814.0	36,227.0	374,519.0	395,832.0
Station Use (MWHR)	289.0	187.0	674.0	545.0	2,895.0	2,631.0
Generation - Net (MWHR)	11,957.0	8,387.0	32,140.0	35,682.0	371,624.0	393,201.0
Energy Input for Pumping (MWHR)	17,275.0	10,421.0	47,721.0	50,408.0	520,085.0	551,208.0
Generation Less Pumping Energy (MWHR)	(5,318.0)	(2,034.0)	(15,581.0)	(14,726.0)	(148,461.0)	(158,007.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	174,781	150,458	311,995	291,541	2,009,205	1,994,950
Maintenance	68,978	79,058	159,099	187,262	1,270,328	1,173,986
Total	243,759	229,516	471,094	478,803	3,279,533	3,168,936
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	2.039	2.737	1.466	1.342	0.882	0.806
Operation	1.462	1.794	0.971	0.817	0.541	0.507
Maintenance	0.577	0.943	0.495	0.525	0.342	0.299
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	69,521.0	87,800.0	138,307.0	175,821.0	985,907.0	912,831.0
Station Use (MWHR)	512.0	485.0	1,132.0	1,053.0	6,292.0	5,707.0
Generation - Net (MWHR)	69,009.0	87,315.0	137,175.0	174,768.0	979,615.0	907,124.0
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	69,009.0	87,315.0	137,175.0	174,768.0	979,615.0	907,124.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	204,332	222,442	523,439	470,362	3,184,370	3,152,398
Maintenance	110,017	84,661	139,040	215,688	1,027,724	1,107,136
Total	314,349	307,104	662,479	686,050	4,212,094	4,259,533
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.456	0.352	0.483	0.393	0.430	0.470
Operation	0.296	0.255	0.382	0.269	0.325	0.348
Maintenance	0.159	0.097	0.101	0.123	0.105	0.122
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,940.2	6,633.2	12,409.2	14,522.3	45,454.0	70,840.3
Station Use (MWHR)	1,038.1	982.3	1,846.2	2,266.1	7,840.7	11,181.1
Generation - Net (MWHR)	5,902.1	5,650.9	10,563.0	12,256.2	37,613.2	59,659.2
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	5,902.1	5,650.9	10,563.0	12,256.2	37,613.2	59,659.2
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	233,581	254,160	425,658	542,904	1,701,980	2,591,927
Fuel Handling	-	-	-	-	-	-
Operations	24,577	33,698	62,361	72,381	375,181	291,419
Maintenance	41,442	(50,858)	85,250	61,246	1,625,909	1,487,299
Total	299,600	237,001	573,269	676,532	3,703,070	4,370,644
Quantity of Fuel Burned						
Natural Gas - MCF	69,725	76,554	127,062	163,525	510,235	816,077
Production Cost per Net KWH						
Generated	5.076	4.194	5.427	5.520	9.845	7.326
Fuel	3.958	4.498	4.030	4.430	4.525	4.345
Operation	0.416	0.596	0.590	0.591	0.997	0.488
Maintenance	0.702	(0.900)	0.807	0.500	4.323	2.493
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	11,813.588	13,547.256	12,028.969	13,342.275	13,565.300	13,678.977

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	335.003	332.002	335.000	332.001	333.568	317.608

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	248.5	392.1	558.4	610.8	5,941.4	7,206.1
Generation - Net (MWHR)	248.5	392.1	558.4	610.8	5,941.4	7,206.1
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	248.5	392.1	558.4	610.8	5,941.4	7,206.1
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	123	(21,117)	123	(21,117)	29,442	11,358
Maintenance		-	-	-	-	7,877
Total	123	(21,117)	123	(21,117)	29,442	19,236
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.049	(5.386)	0.022	(3.457)	0.496	0.267
Operation	0.049	(5.386)	0.022	(3.457)	0.496	0.158
Maintenance	-	-	-	-	-	0.109
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
-	-	-	-	-	-
-	-	-	-	-	-
6,875	5,400	13,475	10,800	70,224	32,201
-	-	-	-	-	-
107,036	109,271	207,010	253,374	1,362,932	1,348,188
3,270	6,822	5,752	12,689	675,697	631,612
117,181	121,493	226,238			
31,517	11,348	174,398	59,288	3,926,627	3,918,271
_		_	_	_	
	Month Activity	Month Activity Same Month Activity	Month Activity Same Month Activity Year-to-Date Activity - - - 6,875 5,400 13,475 - - - 107,036 109,271 207,010 3,270 6,822 5,752 117,181 121,493 226,238	Month Activity Same Month Activity Year-to-Date Activity Year-to-Date Activity - - - - 6,875 5,400 13,475 10,800 - - - - 107,036 109,271 207,010 253,374 3,270 6,822 5,752 12,689 117,181 121,493 226,238 276,863	Month Activity Same Month Activity Year-to-Date Activity Year-to-Date Activity 12 Months End Activity - - - - - - 6,875 5,400 13,475 10,800 70,224 - - - - - 107,036 109,271 207,010 253,374 1,362,932 3,270 6,822 5,752 12,689 675,697 117,181 121,493 226,238 276,863 2,108,854

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	35.0	27.0	2,149.0	27.0	66,161.0	77,257.0
Generation - Net (MWHR)	35.0	27.0	2,149.0	27.0	66,161.0	77,257.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	35.0	27.0	2,149.0	27.0	66,161.0	77,257.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	58,881	63,343	282,713	110,032	3,222,737	3,249,538
Fuel Handling	-	-	-	-	-	-
Operations	43,081	29,591	100,071	75,427	582,781	596,110
Maintenance	107,286	113,248	147,061	170,551	802,716	974,386
Total	209,248	206,182	529,845	356,010	4,608,234	4,820,034
Quantity of Fuel Burned						
Natural Gas - MCF	413	7	21,886	14	731,625	749,250
Production Cost per Net KWH						
Generated	597.851	763.637	24.655	1,318.557	6.965	6.239
Fuel	168.232	234.605	13.156	407.524	4.871	4.206
Operation	123.089	109.596	4.657	279.361	0.881	0.772
Maintenance	306.531	419.437	6.843	631.672	1.213	1.261
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	50.00%	43.73%	27.55%
Oil	-	-	-	50.00%	56.27%	72.45%
BTU Per Net KWH Generation						
Gas	11,942.857	259.259	10,398.325	259.259	4,973.463	2,747.695
Oil	-	-	-	259.259	6,399.082	7,227.078

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	14,086.383	904,904.714	1,265.162	1,571,878.571	979.408	1,530.789

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						-
Total Production Cost						
Fuel - Coal						-
Fuel Handling						-
Operations					- 41	6,185
Maintenance			· -		- 415	4,793
Total			-		- 457	10,978
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	71.0	-	1,131.0	<u>-</u>	2,871.0	1,268.0
Generation - Net (MWHR)	71.0	-	1,131.0	-	2,871.0	1,268.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	71.0	-	1,131.0	-	2,871.0	1,268.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	510	-	100,006	-	172,273	123,553
Fuel Handling	-	-	-	-	-	-
Operations	3,420	1,730	6,991	4,198	40,376	26,082
Maintenance	4,390	183	10,362	1,549	135,497	162,625
Total	8,320	1,913	117,359	5,746	348,146	312,260
Quantity of Fuel Burned						
Natural Gas - MCF	931	-	14,116	-	36,913	12,297
Oil - Gallons	-	-	-	-	-	45,143
Production Cost per Net KWH						
Generated	11.719	-	10.377	-	12.126	24.626
Fuel	0.718	-	8.842	-	6.000	9.744
Operation	4.817	-	0.618	-	1.406	2.057
Maintenance	6.184	-	0.916	-	4.720	12.825
% of Total BTU Burned						
Gas	100.00%	-	100.00%	-	92.39%	58.46%
Oil	-	-	-	-	7.61%	41.54%
BTU Per Net KWH Generation						
Gas	13,478.873	-	12,851.459	-	12,205.455	8,642.725
Oil	-	-	-	-	1,005.621	6,142.517

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	53.275	-	688.038		- 491.620	1,127.415

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	138.0	<u>-</u>	401.0	338.0
Station Use (MWHR)	53.0	53.0	139.0	126.0	564.0	529.0
Generation - Net (MWHR)	(53.0)	(53.0)	(1.0)	(126.0)	(163.0)	(191.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(53.0)	(53.0)	(1.0)	(126.0)	(163.0)	(191.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	41,451	-	127,109	107,841
Fuel Handling	-	-	-	-	-	-
Operations	2,510	2,054	5,622	4,194	26,600	28,069
Maintenance	1,471	2,374	5,330	4,542	60,139	58,128
Total	3,981	4,428	52,403	8,736	213,848	194,037
Quantity of Fuel Burned						
Oil - Gallons	-	-	12,335	-	37,825	30,520
Production Cost per Net KWH						
Generated	(7.511)	(8.354)	(5,240.298)	(6.933)	(131.195)	(101.590)
Fuel	-	-	(4,145.107)	-	(77.981)	(56.461)
Operation	(4.736)	(3.875)	(562.200)	(3.329)	(16.319)	(14.696)
Maintenance	(2.775)	(4.479)	(532.991)	(3.604)	(36.895)	(30.433)
% of Total BTU Burned						
Oil	-	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	(1,689,895.000)	-	(31,791.564)	(21,891.309)

Entity ID: Fairgrounds CTG
Report: Electric Generating Plant Statistics
Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
 Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	-	<u>-</u>	5.0	80.0
Generation - Net (MWHR)	-	-	-	-	5.0	80.0
Energy Input for Pumping (MWHR)	<u> </u>	-	<u>-</u>	<u>-</u>	<u>-</u>	_
Generation Less Pumping Energy (MWHR)	-	-	-	-	5.0	80.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	451	873	10,711
Fuel Handling	-	-	-	-	-	-
Operations	2,509	2,195	6,189	4,335	33,974	31,791
Maintenance	1,688	943	3,872	4,405	47,280	58,139
Total	4,197	3,138	10,061	9,191	82,127	100,641
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	39	92	1,468
Production Cost per Net KWH						
Generated	-	-	-	-	1,642.545	125.801
Fuel	-	-	-	-	17.456	13.389
Operation	-	-	-	-	679.482	39.738
Maintenance	-	-	-	-	945.607	72.674
% of Total BTU Burned						
Gas	-	-	-	-	100.00%	13.33%
Oil	-	-	-	100.00%	-	86.67%
BTU Per Net KWH Generation						
Gas	-	-	-	-	52,200.000	870.000
Oil	-	-	-	-	-	5,655.000

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				-	- 334.406	15,389.411

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	286.0	397.0
Station Use (MWHR)	54.0	58.0	122.0	123.0	447.0	532.0
Generation - Net (MWHR)	(54.0)	(58.0)	(122.0)	(123.0)	(161.0)	(135.0)
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u>-</u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	(54.0)	(58.0)	(122.0)	(123.0)	(161.0)	(135.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	67,936	95,290
Fuel Handling	-	-	-	-	-	-
Operations	2,551	2,056	5,430	4,131	27,924	27,816
Maintenance	3,254	1,766	7,395	7,969	72,843	64,332
Total	5,805	3,822	12,825	12,100	168,703	187,437
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	26,421	37,059
Production Cost per Net KWH						
Generated	(10.750)	(6.590)	(10.512)	(9.838)	(104.784)	(138.842)
Fuel	-	-	-	-	(42.196)	(70.585)
Operation	(4.725)	(3.545)	(4.451)	(3.359)	(17.344)	(20.604)
Maintenance	(6.026)	(3.045)	(6.061)	(6.479)	(45.244)	(47.653)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(23,806.040)	(39,822.059)

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	116.0	245.0
Station Use (MWHR)	43.0	43.0	94.0	85.0	424.0	441.0
Generation - Net (MWHR)	(43.0)	(43.0)	(94.0)	(85.0)	(308.0)	(196.0)
Energy Input for Pumping (MWHR)		-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(43.0)	(43.0)	(94.0)	(85.0)	(308.0)	(196.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	21,985	36,445
Fuel Handling	-	-	-	-	-	-
Operations	2,509	2,055	5,358	4,194	26,352	28,506
Maintenance	1,362	1,835	14,683	3,542	95,656	56,747
Total	3,871	3,890	20,041	7,736	143,994	121,698
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	13,692	22,608
Production Cost per Net KWH						
Generated	(9.003)	(9.047)	(21.320)	(9.101)	(46.751)	(62.091)
Fuel	-	-	-	-	(7.138)	(18.594)
Operation	(5.835)	(4.779)	(5.700)	(4.934)	(8.556)	(14.544)
Maintenance	(3.168)	(4.267)	(15.620)	(4.167)	(31.057)	(28.953)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(6,090.273)	(15,802.531)

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	150.0	-	280.0	338.0
Station Use (MWHR)	49.0	35.0	99.0	77.0	366.0	338.0
Generation - Net (MWHR)	(49.0)	(35.0)	51.0	(77.0)	(86.0)	-
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	(49.0)	(35.0)	51.0	(77.0)	(86.0)	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	20,992	-	461,828	85,755
Fuel Handling	-	-	-	-	-	-
Operations	2,561	2,055	5,733	4,326	28,091	28,530
Maintenance	476	400	8,620	2,578	145,491	56,351
Total	3,037	2,455	35,345	6,904	635,409	170,636
Quantity of Fuel Burned						
Oil - Gallons	-	-	12,802	-	26,233	30,661
Production Cost per Net KWH						
Generated	(6.198)	(7.013)	69.303	(8.966)	(738.848)	-
Fuel	-	-	41.160	-	(537.010)	-
Operation	(5.227)	(5.870)	11.241	(5.618)	(32.663)	-
Maintenance	(0.971)	(1.143)	16.902	(3.348)	(169.175)	-
% of Total BTU Burned						
Oil	-	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	34,670.824	-	(39,198.939)	-

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_						

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		<u>-</u>	944.0		22,098.0	27,657.0
Generation - Net (MWHR)	-	-	944.0	-	22,098.0	27,657.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	944.0	-	22,098.0	27,657.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	40,402	15,028	150,923	29,945	1,802,642	1,789,244
Fuel Handling	-	-	-	-	-	-
Operations	3,547	632	6,949	2,430	66,920	105,398
Maintenance	39,617	34,241	97,161	75,505	573,772	478,761
Total	83,566	49,901	255,033	107,880	2,443,334	2,373,403
Quantity of Fuel Burned						
Natural Gas - MCF	96	38	13,201	127	288,508	358,286
Production Cost per Net KWH						
Generated	-	-	27.016	-	11.057	8.582
Fuel	-	-	15.988	-	8.157	6.469
Operation	-	-	0.736	-	0.303	0.381
Maintenance	-	-	10.293	-	2.596	1.731
% of Total BTU Burned						
Gas	-	-	77.25%	-	55.75%	38.36%
Oil	100.00%	100.00%	22.75%	100.00%	44.25%	61.64%
BTU Per Net KWH Generation						
Gas	-	-	11,155.837	-	7,480.485	5,142.276
Oil	-	-	3,284.841	-	5,937.245	8,261.311

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-	1,433.118		- 1,090.502	1,258.083

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	10,015.0	7,823.0
Station Use (MWHR)	153.0	185.0	393.0	416.0	2,125.0	2,264.0
Generation - Net (MWHR)	(153.0)	(185.0)	(393.0)	(416.0)	7,890.0	5,559.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	(153.0)	(185.0)	(393.0)	(416.0)	7,890.0	5,559.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	27,678	745	58,897	2,229	800,598	598,447
Fuel Handling	-	-	-	-	-	-
Operations	5,671	6,101	12,059	13,690	139,541	123,782
Maintenance	34,691	65,016	89,303	98,307	537,665	455,971
Total	68,040	71,861	160,258	114,226	1,477,803	1,178,200
Quantity of Fuel Burned						
Natural Gas - MCF	288	227	791	706	119,207	97,375
Production Cost per Net KWH						
Generated	(44.470)	,	(40.778)	(27.458)		21.194
Fuel	(18.090)	(0.402)	(14.986)	(0.536)	10.147	10.765
Operation	(3.707)	(3.298)	(3.068)	(3.291)	1.769	2.227
Maintenance	(22.674)	(35.144)	(22.723)	(23.631)	6.815	8.202
% of Total BTU Burned						
Gas	-	-	-	-	83.58%	53.44%
Oil	100.00%	100.00%	100.00%	100.00%	16.42%	46.56%
BTU Per Net KWH Generation						
Gas	-	-	-	-	13,130.039	9,637.266
Oil	(1,915.033)	(1,254.054)	(2,073.791)	(1,754.808)	2,580.353	8,396.553

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		-	-	-	- 772.808	1,117.057

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	65.0	(647.0)	246.0	(594.0)	103,714.0	102,876.0
Station Use (MWHR)	202.0	1,079.0	384.0	1,273.0	2,524.0	8,107.0
Generation - Net (MWHR)	(137.0)	(1,726.0)	(138.0)	(1,867.0)	101,190.0	94,769.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(137.0)	(1,726.0)	(138.0)	(1,867.0)	101,190.0	94,769.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	67,782	84,300	154,382	156,923	4,428,913	4,199,798
Fuel Handling	-	-	-	-	-	-
Operations	10,517	7,045	28,453	17,599	293,298	327,971
Maintenance	115,012	82,692	421,202	181,609	1,664,444	1,206,336
Total	193,310	174,038	604,036	356,130	6,386,655	5,734,105
Quantity of Fuel Burned						
Natural Gas - MCF	1,092	3,756	4,026	4,138	1,030,182	1,012,856
Production Cost per Net KWH						
Generated	(141.103)	(10.083)	(437.707)	(19.075)	6.312	6.051
Fuel	(49.476)	(4.884)	(111.871)	(8.405)	4.377	4.432
Operation	(7.677)	(0.408)	(20.618)	(0.943)	0.290	0.346
Maintenance	(83.950)	(4.791)	(305.219)	(9.727)	1.645	1.273
% of Total BTU Burned						
Gas	100.00%	(15.24)%	100.00%	(13.84)%	76.33%	50.35%
Oil	-	115.24%	-	113.84%	23.67%	49.65%
BTU Per Net KWH Generation						
Gas	(8,270.073)	343.860	(30,115.942)	317.891	8,016.229	5,539.909
Oil	-	(2,600.523)	-	(2,615.159)	2,485.599	5,462.739

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	5,982.500	(14,203.853)	3,714.667	(26,440.101)	545.996	799.944

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1,413.0	-	7,368.0	7,224.0
Station Use (MWHR)		1.0	1.0	1.0	3.0	4.0
Generation - Net (MWHR)	-	(1.0)	1,412.0	(1.0)	7,365.0	7,220.0
Energy Input for Pumping (MWHR)		-	<u> </u>	-	<u> </u>	_
Generation Less Pumping Energy (MWHR)	-	(1.0)	1,412.0	(1.0)	7,365.0	7,220.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	107,792	108,673	290,117	208,043	1,590,574	1,560,454
Fuel Handling	-	-	-	-	-	-
Operations	2,545	2,178	12,647	4,552	86,249	63,418
Maintenance	33,620	40,240	90,903	74,924	580,538	551,071
Total	143,958	151,092	393,666	287,518	2,257,361	2,174,944
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	18,806	-	99,281	93,884
Production Cost per Net KWH						
Generated	-	(15,109.179)	27.880	(28,751.828)		30.124
Fuel	-	(10,867.337)	20.546	(20,804.252)	21.596	21.613
Operation	-	(217.820)	0.896	(455.183)	1.171	0.878
Maintenance	-	(4,024.022)	6.438	(7,492.393)	7.882	7.633
% of Total BTU Burned						
Gas	-	-	100.00%	-	47.90%	34.79%
Oil	-	-	-	-	52.10%	65.21%
BTU Per Net KWH Generation						
Gas	-	-	13,367.564	-	6,484.958	4,687.423
Oil	-	-	-	-	7,052.856	8,785.292

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			1,537.041		- 3,330.229	4,610.836

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,387.0	246.0	3,059.0	1,480.0	58,168.0	80,536.0
Station Use (MWHR)	349.0	205.0	668.0	473.0	2,064.0	1,850.0
Generation - Net (MWHR)	1,038.0	41.0	2,391.0	1,007.0	56,104.0	78,686.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,038.0	41.0	2,391.0	1,007.0	56,104.0	78,686.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	63,189	20,436	129,206	72,423	3,749,022	4,267,278
Fuel Handling	-	-	-	-	-	-
Operations	31,744	22,664	49,917	63,203	391,886	478,439
Maintenance	29,388	37,761	100,718	76,139	747,442	931,842
Total	124,321	80,861	279,841	211,765	4,888,350	5,677,558
Quantity of Fuel Burned						
Natural Gas - MCF	16,171	2,796	34,097	15,867	627,938	815,771
Production Cost per Net KWH						
Generated	11.977	197.221	11.704	21.029	8.713	7.215
Fuel	6.088	49.845	5.404	7.192	6.682	5.423
Operation	3.058	55.277	2.088	6.276	0.698	0.608
Maintenance	2.831	92.100	4.212	7.561	1.332	1.184
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	31.22%	86.95%	57.31%
Oil	-	-	-	68.78%	13.05%	42.69%
BTU Per Net KWH Generation						
Gas	15,885.356	69,439.024	14,580.510	5,053.790	9,973.249	6,134.939
Oil	-	-	-	11,132.903	1,496.771	4,570.459

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Feb Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	383.221	717.817	370.622	1,423.082	670.020	883.981

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Feb Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1.0	-	33,041.0	19,778.0
Station Use (MWHR)	2.0	2.0	4.0	2.0	25.0	12.0
Generation - Net (MWHR)	(2.0)	(2.0)	(3.0)	(2.0)	33,016.0	19,766.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(2.0)	(2.0)	(3.0)	(2.0)	33,016.0	19,766.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	59,347	83,285	144,039	170,580	2,866,316	2,405,640
Fuel Handling	-	-	-	-	-	-
Operations	9,086	2,244	20,520	4,798	91,142	36,538
Maintenance	23,130	63,655	57,754	142,966	878,992	881,211
Total	91,563	149,184	222,313	318,345	3,836,450	3,323,389
Quantity of Fuel Burned						
Natural Gas - MCF	2	10	4	14	396,059	242,748
Production Cost per Net KWH						
Generated	(4,578.146)	(7,459.181)	(7,410.437)	(15,917.249)	11.620	16.814
Fuel	(2,967.349)		(4,801.299)	(8,529.018)	8.682	12.171
Operation	(454.314)	(112.209)	(684.003)	(239.912)	0.276	0.185
Maintenance	(1,156.482)	(3,182.745)	(1,925.135)	(7,148.319)	2.662	4.458
% of Total BTU Burned						
Gas	200.00%	-	50.00%	-	11.79%	57.11%
Oil	(100.00)%	100.00%	50.00%	100.00%	88.21%	42.89%
BTU Per Net KWH Generation						
Gas	(2,000.000)	-	(666.667)	-	1,448.385	7,262.829
Oil	1,000.000	(5,000.000)	(666.667)	(7,000.000)	10,838.749	5,453.906

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,483,674.500	-	7,201,948.000		- 5,993.986	1,675.737

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Feb

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)		-	-	-	-	
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance		- 14,590	-	14,590	-	14,888
Total		- 14,590	-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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ACTV_ALL	20
Montgomery Renewable Energy Center	
ACTUAL, 2018, Mar, UEC.MW, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	21
Generation Common	
ACTUAL, 2018, Mar, UEC.5A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	22
Venice CTG	
ACTUAL, 2018, Mar, UEC.62, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL	23
Howard Bend CTG	
ACTUAL, 2018, Mar, UEC.71, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL	25
Meramec CTG	20
ACTUAL, 2018, Mar, UEC.72, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	26
Fairgrounds CTG	20
ACTUAL, 2018, Mar, UEC.73, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	28
Kirksville CTG	,20
ACTUAL, 2018, Mar, UEC.74, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALLACTV ALL	30
Moreau CTG	00
ACTUAL, 2018, Mar, UEC.75, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Wai, OEC.75, Chiuty Cuii Total>, [ICI Top], I_ALL, RWC_ALL, DN_ALL, ACTV_ALL	32
Moberly CTG	52
ACTUAL, 2018, Mar, UEC.76, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Wai, OLC.70, Chinty Cuit Total, [ICI Top], I_ALL, RMC_ALL, DN_ALL, ACTV_ALL	34
Mexico CTG	54
ACTUAL, 2018, Mar, UEC.77, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Wai, OEC.77, Chinty Cuit Total>, [ICT Top], T_ALL, RMC_ALL, DN_ALL, ACTU ALL	36
Viaduct CTG	50
ACTUAL, 2018, Mar, UEC.78, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Wai, OEC.76, Chiuty Cuii Total>, [ICI Top], I_ALL, RWC_ALL, DN_ALL, ACTU ALL	38
Goose Creek	50
ACTUAL, 2018, Mar, UEC.7G, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
	30
ACTV_ALL Kinmundy CTG	
ACTUAL, 2018, Mar, UEC.7K, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Mai, OEC.7K, CEntity Cuit Total, [ICT Top], I_ALL, KMC_ALL, DN_ALL, ACTU ALL	41
Pinckneyville CTG	
ACTUAL, 2018, Mar, UEC.7P, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Wat, OEC.7F, Chinty Curi Total, [ICF Top], 1_ALL, RMC_ALL, DN_ALL, ACTV_ALL	12
Racoon Creek CTG	43
ACTUAL, 2018, Mar, UEC.7R, <entity curr="" total="">, [ICP Top], T ALL, RMC ALL, DN ALL,</entity>	
ACTUAL, 2018, Mar, UEC./R, <entity curr="" total="">, [ICP Top], I_ALL, RMC_ALL, DN_ALL, ACTV_ALL</entity>	15
Peno Creek CTG	43
ACTUAL, 2018, Mar, UEC.98, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL, ACTV_ALL</entity>	17
	4/
Audrain CTG ACTUAL 2018 Mor LIEC 7A (Entity Curr Totals [ICD Ton] T. ALL. BMC ALL. DN ALL.	
ACTUAL, 2018, Mar, UEC.7A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	49
Sioux-Rush Island Transfer Facility	
ACTUAL, 2018, Mar, UEC.5C, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	51

Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,577,889.4	3,556,693.4	11,292,739.0	11,138,411.5	44,225,080.3	42,074,456.9
Station Use (MWHR)	193,182.8		608,688.0	595,065.0	2,407,308.6	2,339,179.9
Generation - Net (MWHR)	3,384,706.6	3,362,229.5	10,684,051.0	10,543,346.5	41,817,771.7	
Energy Input for Pumping (MWHR)	17,185.0	44,734.0	64,906.0	95,142.0	492,536.0	571,291.0
Generation Less Pumping Energy (MWHR)	3,367,521.6	3,317,495.5	10,619,145.0	10,448,204.5	41,325,235.7	
Total Production Cost						
Fuel - Coal	49,075,337	54,848,502	165,092,906	172,797,476	663,716,995	645,125,036
Fuel - Natural Gas	947,429	1,376,968	3,171,728	2,807,527	22,464,074	23,043,803
Fuel - Oil	144,299	121,824	509,234	522,647	2,167,938	2,863,311
Fuel Handling	670,801	319,684	2,108,524	962,718	10,603,970	7,157,551
Nuclear	8,159,893	7,947,893	23,724,968	23,761,639	75,584,557	87,021,890
Operations	11,227,741	10,364,651	35,555,277	32,831,955	137,438,077	134,155,885
Maintenance	12,072,218	10,059,789	32,298,569	29,969,667	158,066,107	153,289,242
Total	82,297,718	85,039,311	262,461,206	263,653,630	1,070,041,717	1,052,656,720
Quantity of Fuel Burned						
Coal - Tons	1,359,532	1,464,421	4,510,575	4,574,099	17,911,793	16,782,243
Nuclear - MMBTU	8,927,226	8,566,739	26,146,295	25,625,596	83,877,871	93,719,503
Natural Gas - MCF	143,874	295,698	615,018	575,690	8,105,116	8,674,747
Oil - Gallons	163,671	92,144	394,003	340,815	1,471,251	2,069,379
Production Cost per Net KWH						
Generated	2.431	2.529	2.457	2.501	2.559	2.649
Fuel	1.482	1.676	1.580	1.671	1.646	1.689
Fuel Handling	0.020	0.010	0.020	0.009	0.025	0.018
Nuclear Fuel Burned	0.241	0.236	0.222	0.225	0.181	0.219
Operation	0.332	0.308	0.333	0.311	0.329	0.338
Maintenance	0.357	0.299	0.302	0.284	0.378	0.386

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	72.53%	74.66%	74.89%	75.54%	78.00%	74.98%
Nuclear	27.09%	24.75%	24.68%	24.03%	20.87%	23.73%
Gas	0.30%	0.54%	0.37%	0.37%	0.75%	0.74%
Oil	0.08%	0.05%	0.06%	0.06%	0.38%	0.55%
BTU Per Net KWH Generation						
Coal	7,060.587	7,686.397	7,427.658	7,640.173	7,495.569	7,451.103
Nuclear	2,637.519	2,547.934	2,447.227	2,430.499	2,005.795	2,358.597
Gas	29.074	55.526	37.060	37.230	72.355	73.446
Oil	7.842	5.097	5.707	6.423	36.297	54.360
BTU Per Pound of Coal	8,789	8,824	8,797	8,805	8,750	8,821
Cost Per MMBTU Burned						
Coal	208.160	213.471	210.694	215.709	215.130	220.312
Nuclear	91.405	92.776	90.739	92.726	90.113	92.854
Natural Gas	962.777	737.561	801.047	715.241	742.435	789.600
Cost Per Ton of Coal Burned						
Coal	36.097	37.454	36.601	37.777	37.055	38.441
Coal Handling	0.407	0.141	0.386	0.137	0.511	0.347
Total	36.505	37.595	36.987	37.915	37.565	38.788

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	944,783.0	910,165.0	2,767,563.0	2,722,732.0	8,760,105.0	9,809,590.0
Station Use (MWHR)	40,380.0	39,392.0	114,971.0	115,963.0		
Generation - Net (MWHR)	904,403.0		2,652,592.0	2,606,769.0		
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	904,403.0	870,773.0	2,652,592.0	2,606,769.0	8,349,950.0	9,372,420.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	8,159,893	7,947,893	23,724,968	23,761,639	75,584,557	87,021,890
Operations	6,497,028	5,699,303	21,313,972	19,021,906	77,229,515	75,069,613
Maintenance	4,910,972	2,933,458	11,352,815	9,200,380	69,577,303	62,034,284
Total	19,567,892	16,580,653	56,391,755	51,983,925	222,391,375	224,125,788
Quantity of Fuel Burned						
Nuclear - MMBTU	8,927,226	8,566,739	26,146,295	25,625,596	83,877,871	93,719,503
Production Cost per Net KWH						
Generated	2.164	1.904	2.126	1.994	2.663	2.391
Nuclear Fuel Burned	0.902	0.913	0.894	0.912	0.905	0.928
Operation	0.718	0.655	0.804	0.730	0.925	0.801
Maintenance	0.543	0.337	0.428	0.353	0.833	0.662
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,870.850	9,838.085	9,856.885	9,830.405	10,045.314	9,999.499

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	91.405	92.776	90.739	92.726	90.113	92.854

Cost Per Ton of Coal Burned

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	36.0	36.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	36.0	36.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-		-	
Generation Less Pumping Energy (MWHR)	12.0	12.0	36.0	36.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	<u>-</u>	_	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,052.0	75,480.0	205,370.0	218,150.0	1,231,369.0	1,802,227.0
Station Use (MWHR)	7,300.0	8,972.0	34,740.0	26,726.0	168,364.0	175,756.0
Generation - Net (MWHR)	(1,248.0)	66,508.0	170,630.0	191,424.0	1,063,005.0	1,626,471.0
Energy Input for Pumping (MWHR)	-	_	-	-	-	-
Generation Less Pumping Energy (MWHR)	(1,248.0)	66,508.0	170,630.0	191,424.0	1,063,005.0	1,626,471.0
Total Production Cost						
Fuel - Coal	-	1,679,919	4,209,897	4,771,310	27,452,142	41,384,740
Fuel - Natural Gas	33,402	77,350	445,843	203,579	1,764,656	1,357,661
Fuel Handling	52,040	176,432	208,337	393,179	1,064,184	1,480,303
Operations	624,754	713,928	1,966,256	2,067,279	8,576,266	9,057,039
Maintenance	751,165	1,071,563	2,846,703	2,817,836	10,850,214	10,101,438
Total	1,461,361	3,719,192	9,677,037	10,253,184	49,707,462	63,381,180
Quantity of Fuel Burned						
Coal - Tons	-	45,451	117,885	126,531	733,218	1,103,022
Natural Gas - MCF	11,987	24,467	74,744	60,741	477,793	436,529
Oil - Gallons	2,301	4,680	10,053	9,954	44,376	52,874
Production Cost per Net KWH						
Generated	(117.096)	5.592	5.671	5.356	4.676	3.897
Fuel	(2.676)	2.642	2.729	2.599	2.749	2.628
Fuel Handling	(4.170)	0.265	0.122	0.205	0.100	0.091
Operation	(50.060)	1.073	1.152	1.080	0.807	0.557
Maintenance	(60.190)	1.611	1.668	1.472	1.021	0.621
% of Total BTU Burned						
Coal	-	96.85%	96.36%	97.19%	96.27%	97.69%
Gas	100.00%	3.15%	3.64%	2.81%	3.73%	2.31%
Oil	-	-	-	-	-	-

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	-	11,738.682	12,002.791	11,420.018	11,924.270	11,671.041
Gas	(9,840.545)	381.864	453.930	330.188	462.021	275.866
BTU Per Pound of Coal	-	8,589	8,687	8,638	8,644	8,605
Cost Per MMBTU Burned						
Coal	-	237.775	215.730	236.246	224.971	225.812
Natural Gas	271.978	304.563	575.623	322.088	359.304	302.585
Cost Per Ton of Coal Burned						
Coal	-	36.961	35.712	37.709	37.441	37.519
Coal Handling		3.814	1.753	3.036	1.414	1.312
Total	-	40.775	37.465	40.744	38.855	38.831

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	539,707.0	506,112.0	1,505,512.0	1,505,942.0	5,408,905.0	5,214,508.0
Station Use (MWHR)	40,448.0	39,639.0	114,958.0	118,043.0	428,158.0	443,244.0
Generation - Net (MWHR)	499,259.0	466,473.0	1,390,554.0	1,387,899.0	4,980,747.0	4,771,264.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	, , , <u>-</u>
Generation Less Pumping Energy (MWHR)	499,259.0	466,473.0	1,390,554.0	1,387,899.0	4,980,747.0	4,771,264.0
Total Production Cost						
Fuel - Coal	10,484,931	11,813,847	30,503,168	33,193,217	102,603,469	107,108,781
Fuel - Oil	17,455	27,093	112,725	59,026	359,710	376,594
Fuel Handling	182,157	152,683	618,742	412,195	2,530,887	2,202,516
Operations	731,494	867,399	2,492,938	2,577,403	10,573,430	10,860,497
Maintenance	1,382,812	1,540,014	4,793,291	5,110,938	24,598,146	21,826,951
Total	12,798,848	14,401,035	38,520,864	41,352,778	140,665,642	142,375,339
Quantity of Fuel Burned						
Coal - Tons	302,363	316,212	853,147	884,619	2,790,416	2,798,065
Oil - Gallons	10,180	16,277	61,776	35,441	198,804	232,441
Production Cost per Net KWH						
Generated	2.564	3.087	2.770	2.980	2.824	2.984
Fuel	2.104	2.538	2.202	2.396	2.067	2.253
Fuel Handling	0.036	0.033	0.044	0.030	0.051	0.046
Operation	0.147	0.186	0.179	0.186	0.212	0.228
Maintenance	0.277	0.330	0.345	0.368	0.494	0.457
% of Total BTU Burned						
Coal	99.98%	99.96%	99.95%	99.97%	99.95%	99.94%
Oil	0.02%	0.04%	0.05%	0.03%	0.05%	0.06%
BTU Per Net KWH Generation						
Coal	11,229.606	12,593.857	11,355.915	11,769.887	10,227.258	11,060.998

Year: 2018

	Current Month <u>Activit</u> y	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	2.793	4.780	6.086	3.498	5.468	6.674
BTU Per Pound of Coal	9,271	9,289	9,255	9,233	9,128	9,431
Cost Per MMBTU Burned Coal	190.263	203.696	197.086	205.721	206.391	207.127
Cost Per Ton of Coal Burned						
Coal	34.677	37.360	35.754	37.523	36.770	38.280
Coal Handling	0.552	0.449	0.663	0.430	0.844	0.746
Total	35.228	37.809	36.417	37.953	37.613	39.025

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,397,418.0	1,091,332.0	4,385,751.0	3,975,674.0	17,400,314.0	15,765,868.0
Station Use (MWHR)	71,087.0	57,771.0	216,759.0	197,903.0		802,036.0
Generation - Net (MWHR)	1,326,331.0	1,033,561.0	4,168,992.0	3,777,771.0		
Energy Input for Pumping (MWHR)	-	-	-,	-	-	
Generation Less Pumping Energy (MWHR)	1,326,331.0	1,033,561.0	4,168,992.0	3,777,771.0	16,537,616.0	14,963,832.0
Total Production Cost						
Fuel - Coal	28,362,719	23,126,642	89,529,889	84,567,804	355,161,336	333,167,036
Fuel - Oil	115,834	94,732	240,663	419,780	1,115,142	1,834,536
Fuel Handling	323,520	56,722	1,008,640	358,976	5,320,520	2,092,371
Operations	1,400,383	1,297,637	4,360,444	4,053,609	18,264,884	17,038,230
Maintenance	2,660,866	2,415,761	6,758,536	6,458,988	25,393,757	29,452,882
Total	32,863,321	26,991,493	101,898,172	95,859,157	405,255,639	383,585,055
Quantity of Fuel Burned						
Coal - Tons	772,138	608,884	2,423,278	2,215,540	9,471,978	8,593,941
Oil - Gallons	60,781	57,756	126,879	254,988	641,861	1,163,342
Production Cost per Net KWH						
Generated	2.478	2.612	2.444	2.537	2.451	2.563
Fuel	2.147	2.247	2.153	2.250	2.154	2.239
Fuel Handling	0.024	0.005	0.024	0.010	0.032	0.014
Operation	0.106	0.126	0.105	0.107	0.110	0.114
Maintenance	0.201	0.234	0.162	0.171	0.154	0.197
% of Total BTU Burned						
Coal	99.94%	99.93%	99.96%	99.91%	99.95%	99.89%
Oil	0.06%	0.07%	0.04%	0.09%	0.05%	0.11%
BTU Per Net KWH Generation						
Coal	10,274.679	10,366.374	10,236.014	10,308.626	10,066.248	10,091.432

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	6.278	7.656	4.170	9.247	5.317	10.652
BTU Per Pound of Coal	8,825	8,798	8,805	8,789	8,788	8,786
Cost Per MMBTU Burned Coal	210.501	216.378	212.164	218.076	216.542	222.017
Cost Per Ton of Coal Burned						
Coal	36.733	37.982	36.946	38.170	37.496	38.768
Coal Handling	0.324	(0.029)	0.312	0.059	0.458	0.136
Total	37.057	37.953	37.258	38.230	37.954	38.904

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	513,240.0	830,826.0	2,014,404.0	2,304,538.0	9,037,372.0	7,340,160.0
Station Use (MWHR)	30,877.0	43,978.0	117,021.0	123,531.0	506,062.0	438,548.0
Generation - Net (MWHR)	482,363.0	786,848.0	1,897,383.0	2,181,007.0	8,531,310.0	6,901,612.0
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	482,363.0	786,848.0	1,897,383.0	2,181,007.0	8,531,310.0	6,901,612.0
Total Production Cost						
Fuel - Coal	10,227,687	18,228,093	40,849,952	50,265,146	178,500,048	163,464,480
Fuel - Oil	11,009	-	155,847	43,841	693,086	652,181
Fuel Handling	113,085	(66,152)	272,805	(201,633)	1,688,378	1,382,361
Operations	1,107,010	934,551	2,847,653	2,731,842	11,232,936	10,785,844
Maintenance	1,496,596	858,348	3,967,557	3,421,996	14,183,038	16,009,530
Total	12,955,387	19,954,841	48,093,813	56,261,192	206,297,486	192,294,396
Quantity of Fuel Burned						
Coal - Tons	285,031	493,874	1,116,265	1,347,409	4,916,180	4,287,215
Oil - Gallons	5,866	-	85,615	27,001	410,927	441,300
Production Cost per Net KWH						
Generated	2.686	2.536	2.535	2.580	2.418	2.786
Fuel	2.123	2.317	2.161	2.307	2.100	2.378
Fuel Handling	0.023	(800.0)	0.014	(0.009)	0.020	0.020
Operation	0.229	0.119	0.150	0.125	0.132	0.156
Maintenance	0.310	0.109	0.209	0.157	0.166	0.232
% of Total BTU Burned						
Coal	99.98%	100.00%	99.94%	99.98%	99.93%	99.92%
Oil	0.02%	-	0.06%	0.02%	0.07%	0.08%
BTU Per Net KWH Generation						
Coal	9,668.878	10,769.223	9,931.875	10,585.882	9,771.218	10,621.806

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.666	-	6.182	1.696	6.599	8.760
BTU Per Pound of Coal	8,181	8,579	8,441	8,568	8,478	8,550
Cost Per MMBTU Burned Coal	221.719	214.332	218.221	216.839	216.154	224.870
Cost Per Ton of Coal Burned						
Coal	35.883	36.908	36.595	37.305	36.309	38.128
Coal Handling	0.299	(0.186)	0.190	(0.199)	0.288	0.263
Total	36.182	36.722	36.786	37.106	36.596	38.392

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	57,979.0	7,722.0	102,085.0	48,201.0	686,872.0	402,749.0
Station Use (MWHR)	631.0	,	2,223.0	2,404.0	•	•
Generation - Net (MWHR)	57,348.0	7,065.0	99,862.0	45,797.0		
Energy Input for Pumping (MWHR)		-	-	-	-	-
Generation Less Pumping Energy (MWHR)	57,348.0	7,065.0	99,862.0	45,797.0	678,975.0	394,888.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	189,039	127,828	510,442	391,086	2,717,067	2,572,383
Maintenance	152,552	215,994	418,907	598,818	2,828,495	3,225,446
Total	341,591	343,822	929,349	989,904	5,545,562	5,797,829
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.596	4.867	0.931	2.162	0.817	1.468
Operation	0.330	1.809	0.511	0.854	0.400	0.651
Maintenance	0.266	3.057	0.419	1.308	0.417	0.817
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	13,212.0	32,996.0	46,026.0	69,223.0	354,735.0	409,626.0
Station Use (MWHR)	178.0	,	852.0	848.0	2,770.0	•
Generation - Net (MWHR)	13,034.0	32,693.0	45,174.0	68,375.0	351,965.0	
Energy Input for Pumping (MWHR)	17,185.0	44,734.0	64,906.0	95,142.0	492,536.0	571,291.0
Generation Less Pumping Energy (MWHR)	(4,151.0)	(12,041.0)	(19,732.0)	(26,767.0)	(140,571.0)	(164,456.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	154,390	162,178	466,385	453,719	2,001,417	1,988,831
Maintenance	99,478	90,276	258,577	277,538	1,279,530	1,109,097
Total	253,868	252,454	724,961	731,257	3,280,947	3,097,928
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.948	0.772	1.605	1.069	0.932	0.761
Operation	1.185	0.496	1.032	0.664	0.569	0.489
Maintenance	0.763	0.276	0.572	0.406	0.364	0.273
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	95,747.0	86,820.0	234,054.0	262,641.0	994,834.0	921,664.0
Station Use (MWHR)	485.0	502.0	1,617.0	1,555.0	6,275.0	5,715.0
Generation - Net (MWHR)	95,262.0	86,318.0	232,437.0	261,086.0	988,559.0	915,949.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	95,262.0	86,318.0	232,437.0	261,086.0	988,559.0	915,949.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	252,685	257,686	776,123	728,048	3,179,368	3,104,335
Maintenance	74,271	47,991	213,311	263,679	1,054,005	1,096,586
Total	326,956	305,677	989,435	991,727	4,233,373	4,200,921
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.343	0.354	0.426	0.380	0.428	0.459
Operation	0.265	0.299	0.334	0.279	0.322	0.339
Maintenance	0.078	0.056	0.092	0.101	0.107	0.120
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	5,734.0	7,423.7	18,143.2	21,945.9	43,764.3	70,090.7
Station Use (MWHR)	830.8	1,176.9	2,677.0	3,443.0	7,494.6	11,067.9
Generation - Net (MWHR)	4,903.2	6,246.8	15,466.2	18,502.9	36,269.7	59,022.8
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	4,903.2	6,246.8	15,466.2	18,502.9	36,269.7	59,022.8
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	203,409	283,289	629,067	826,193	1,622,100	2,588,338
Fuel Handling	-	-	-	-	-	-
Operations	30,568	45,186	92,930	117,568	360,563	319,415
Maintenance	46,099	195,876	131,349	257,122	1,476,132	1,528,132
Total	280,076	524,351	853,345	1,200,883	3,458,796	4,435,886
Quantity of Fuel Burned						
Natural Gas - MCF	60,719	85,328	187,781	248,853	485,626	810,908
Production Cost per Net KWH						
Generated	5.712	8.394	5.517	6.490	9.536	7.516
Fuel	4.148	4.535	4.067	4.465	4.472	4.385
Operation	0.623	0.723	0.601	0.635	0.994	0.541
Maintenance	0.940	3.136	0.849	1.390	4.070	2.589
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	12,383.510	13,659.509	12,141.368	13,449.376	13,389.311	13,738.899

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	335.001	332.000	335.000	332.000	334.023	319.190

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	321.4	423.7	879.8	1,034.5	5,839.1	7,081.2
Generation - Net (MWHR)	321.4	423.7	879.8	1,034.5	5,839.1	7,081.2
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	321.4	423.7	879.8	1,034.5	5,839.1	7,081.2
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	193	123	(20,925)	29,250	11,551
Maintenance	7,784	-	7,784	-	7,784	7,877
Total	7,784	193	7,906	(20,925)	37,034	19,428
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	2.422	0.045	0.899	(2.023)	0.634	0.274
Operation	-	0.045	0.014	(2.023)	0.501	0.163
Maintenance	2.422	-	0.885	-	0.133	0.111
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,500	6,000	20,975	16,800	71,724	33,436
Fuel Handling	-	-	-	-	-	-
Operations	86,350	150,829	293,360	404,203	1,298,453	1,314,358
Maintenance	176,369	12,158	182,121	24,847	839,908	642,080
Total	270,219	168,987	496,457	445,850	2,210,085	
Quantity of Fuel Burned						
Natural Gas - MCF	42,090	106,756	216,488	166,044	3,861,961	3,990,651
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	279.0	465.0	2,428.0	492.0	65,975.0	77,517.0
Generation - Net (MWHR)	279.0	465.0	2,428.0	492.0	65,975.0	77,517.0
Energy Input for Pumping (MWHR)	<u> </u>			-		
Generation Less Pumping Energy (MWHR)	279.0	465.0	2,428.0	492.0	65,975.0	77,517.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	71,339	78,276	354,052	188,307	3,215,799	3,219,050
Fuel Handling	-	-	-	-	-	-
Operations	53,192	50,783	153,263	126,210	585,190	601,076
Maintenance	36,744	123,136	183,805	293,688	716,325	1,043,348
Total	161,275	252,195	691,120	608,205	4,517,313	4,863,473
Quantity of Fuel Burned						
Natural Gas - MCF	2,899	4,778	24,785	4,792	729,746	751,967
Production Cost per Net KWH						
Generated	57.805	54.236	28.465	123.619	6.847	6.274
Fuel	25.569	16.834	14.582	38.274	4.874	4.153
Operation	19.065	10.921	6.312	25.653	0.887	0.775
Maintenance	13.170	26.481	7.570	59.693	1.086	1.346
% of Total BTU Burned						
Gas	100.00%	-	100.00%	0.14%	44.24%	27.17%
Oil	-	100.00%	-	99.86%	55.76%	72.83%
BTU Per Net KWH Generation						
Gas	10,591.398	-	10,420.511	14.228	5,032.274	2,711.026
Oil	-	10,625.806	-	10,056.911	6,342.231	7,266.578

Cost Per MMBTU Burned

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
	Accivity	Activity	Activity	Activity	Activity	Activity
Natural Gas	2,414.163		1,399.358	2,690,106.714	968.602	1,531.782

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Operations		- 41	-	. 41	-	5,337
Maintenance			-		415	4,144
Total		- 41	-	41	415	9,481
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-		-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		158.0	1,131.0	158.0	2,713.0	1,373.0
Generation - Net (MWHR)	-	158.0	1,131.0	158.0	2,713.0	1,373.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	158.0	1,131.0	158.0	2,713.0	1,373.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7	6,328	100,013	6,328	165,951	128,413
Fuel Handling	-	-	-	-	-	-
Operations	4,272	2,362	11,263	6,560	42,286	26,554
Maintenance	4,330	261	14,692	1,810	139,567	162,105
Total	8,609	8,951	125,968	14,698	347,804	317,072
Quantity of Fuel Burned						
Natural Gas - MCF	-	2,021	14,116	2,021	34,892	13,540
Oil - Gallons	-	-	-	-	-	45,143
Production Cost per Net KWH						
Generated	-	5.665	11.138	9.302	12.820	23.093
Fuel	-	4.005	8.843	4.005	6.117	9.353
Operation	-	1.495	0.996	4.152	1.559	1.934
Maintenance	-	0.165	1.299	1.145	5.144	11.807
% of Total BTU Burned						
Gas	-	100.00%	100.00%	100.00%	91.94%	61.13%
Oil	-	-	-	-	8.06%	38.87%
BTU Per Net KWH Generation						
Gas	-	13,227.848	12,851.459	13,227.848	12,145.913	8,921.322
Oil	-	-	-	-	1,064.187	5,672.768

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 302.777	688.083	302.777	503.617	1,048.356

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	624.0	-	762.0	-	1,025.0	338.0
Station Use (MWHR)	85.0	56.0	224.0	182.0	593.0	539.0
Generation - Net (MWHR)	539.0	(56.0)	538.0	(182.0)	432.0	(201.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	539.0	(56.0)	538.0	(182.0)	432.0	(201.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	184,243	-	225,694	-	311,352	107,841
Fuel Handling	-	-	-	-	-	-
Operations	3,422	1,060	9,044	5,254	28,962	27,837
Maintenance	1,811	4,308	7,141	8,850	57,642	56,606
Total	189,476	5,368	241,879	14,104	397,955	192,284
Quantity of Fuel Burned						
Oil - Gallons	54,827	-	67,162	-	92,652	30,520
Production Cost per Net KWH						
Generated	35.153	(9.587)	44.959	(7.750)	92.119	(95.664)
Fuel	34.182	-	41.951	-	72.072	(53.652)
Operation	0.635	(1.894)	1.681	(2.887)	6.704	(13.849)
Maintenance	0.336	(7.693)	1.327	(4.862)	13.343	(28.162)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	13,935.620	-	17,102.591	-	29,382.694	(20,802.189)

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG
Report: Electric Generating Plant Statistics
Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	5.0	80.0
Generation - Net (MWHR)	-	-	-	-	5.0	80.0
Energy Input for Pumping (MWHR)	<u>-</u> _	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	-	-	5.0	80.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	451	873	10,711
Fuel Handling	-	-	-	-	-	-
Operations	3,797	1,093	9,985	5,427	36,678	31,456
Maintenance	3,721	902	7,593	5,307	50,099	57,674
Total	7,518	1,995	17,578	11,185	87,650	99,841
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	39	92	1,468
Production Cost per Net KWH						
Generated	-	-	-	-	1,753.004	124.801
Fuel	-	-	-	-	17.456	13.389
Operation	-	-	-	-	733.561	39.320
Maintenance	-	-	-	-	1,001.987	72.092
% of Total BTU Burned						
Gas	-	-	-	-	100.00%	13.33%
Oil	-	-	-	100.00%	-	86.67%
BTU Per Net KWH Generation						
Gas	-	-	-	-	52,200.000	870.000
Oil	-	-	-	-	-	5,655.000

Cost Per MMBTU Burned

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				-	- 334.406	15,389.411

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	286.0	397.0
Station Use (MWHR)	61.0	60.0	183.0	183.0	448.0	535.0
Generation - Net (MWHR)	(61.0)	(60.0)	(183.0)	(183.0)	(162.0)	(138.0)
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(61.0)	(60.0)	(183.0)	(183.0)	(162.0)	(138.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	67,936	95,290
Fuel Handling	-	-	-	-	-	-
Operations	3,452	1,010	8,882	5,141	30,366	27,507
Maintenance	3,764	2,099	11,159	10,068	74,508	65,489
Total	7,216	3,109	20,041	15,209	172,811	188,285
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	26,421	37,059
Production Cost per Net KWH						
Generated	(11.830)	(5.181)	(10.952)	(8.311)	(106.673)	(136.439)
Fuel	-	-	-	-	(41.936)	(69.050)
Operation	(5.659)	(1.683)	(4.854)	(2.809)	(18.745)	(19.932)
Maintenance	(6.170)	(3.498)	(6.098)	(5.502)	(45.993)	(47.456)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(23,659.089)	(38,956.362)

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	116.0	245.0
Station Use (MWHR)	42.0	34.0	136.0	119.0	432.0	443.0
Generation - Net (MWHR)	(42.0)	(34.0)	(136.0)	(119.0)	(316.0)	(198.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(42.0)	(34.0)	(136.0)	(119.0)	(316.0)	(198.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	21,985	36,445
Fuel Handling	-	-	-	-	-	-
Operations	3,421	952	8,779	5,146	28,821	28,166
Maintenance	2,470	2,490	17,153	6,032	95,636	56,120
Total	5,891	3,442	25,932	11,178	146,443	120,731
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	13,692	22,608
Production Cost per Net KWH						
Generated	(14.026)	(10.124)	(19.068)	(9.393)	(46.343)	(60.975)
Fuel	-	-	-	-	(6.957)	(18.406)
Operation	(8.145)	(2.800)	(6.455)	(4.324)	(9.121)	(14.225)
Maintenance	(5.881)	(7.324)	(12.613)	(5.069)	(30.265)	(28.344)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(5,936.089)	(15,642.909)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	333.0	130.0	483.0	130.0	483.0	468.0
Station Use (MWHR)	43.0	36.0	142.0	113.0	373.0	340.0
Generation - Net (MWHR)	290.0	94.0	341.0	17.0	110.0	128.0
Energy Input for Pumping (MWHR)			<u>-</u>	<u> </u>	<u> </u>	_
Generation Less Pumping Energy (MWHR)	290.0	94.0	341.0	17.0	110.0	128.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	48,726	440,836	69,718	440,836	69,718	526,592
Fuel Handling	-	-	-	-	-	-
Operations	3,344	1,000	9,077	5,326	30,435	28,237
Maintenance	4,442	3,199	13,062	5,777	146,734	58,660
Total	56,512	445,035	91,857	451,939	246,886	613,488
Quantity of Fuel Burned						
Oil - Gallons	29,716	13,431	42,518	13,431	42,518	44,092
Production Cost per Net KWH						
Generated	19.487	473.442	26.937	2,658.465	224.442	479.288
Fuel	16.802	468.975	20.445	2,593.155	63.380	411.400
Operation	1.153	1.064	2.662	31.329	27.668	22.060
Maintenance	1.532	3.403	3.830	33.981	133.394	45.828
% of Total BTU Burned						
Oil	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	14,153.012	17,052.093	17,221.658	94,288.044	53,387.141	45,339.416

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		<u>-</u>	944.0		22,098.0	27,657.0
Generation - Net (MWHR)	-	-	944.0	-	22,098.0	27,657.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	-	944.0	-	22,098.0	27,657.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	42,707	15,163	193,630	45,108	1,830,186	1,775,491
Fuel Handling	-	-	-	-	-	-
Operations	716	1,324	7,665	3,753	66,313	110,214
Maintenance	29,195	80,513	126,356	156,017	522,455	516,037
Total	72,618	96,999	327,651	204,879	2,418,953	2,401,742
Quantity of Fuel Burned						
Natural Gas - MCF	98	86	13,299	213	288,520	358,323
Production Cost per Net KWH						
Generated	-	-	34.709	-	10.946	8.684
Fuel	-	-	20.512	-	8.282	6.420
Operation	-	-	0.812	-	0.300	0.399
Maintenance	-	-	13.385	-	2.364	1.866
% of Total BTU Burned						
Gas	-	-	76.70%	-	55.75%	38.36%
Oil	100.00%	100.00%	23.30%	100.00%	44.25%	61.64%
BTU Per Net KWH Generation						
Gas	-	-	11,155.837	-	7,480.485	5,142.276
Oil	-	-	3,389.714	-	5,937.743	8,262.613

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas			1,838.652		- 1,107.165	1,248.412

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	10,015.0	7,823.0
Station Use (MWHR)	278.0	207.0	671.0	623.0	2,196.0	2,141.0
Generation - Net (MWHR)	(278.0)	(207.0)	(671.0)	(623.0)	7,819.0	5,682.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	(278.0)	(207.0)	(671.0)	(623.0)	7,819.0	5,682.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	29,109	1,048	88,006	3,277	828,659	585,436
Fuel Handling	-	-	-	-	-	-
Operations	5,504	5,701	17,563	19,391	139,344	124,050
Maintenance	31,602	70,552	120,905	168,858	498,715	497,083
Total	66,215	77,301	226,473	191,526	1,466,718	1,206,570
Quantity of Fuel Burned						
Natural Gas - MCF	291	340	1,082	1,046	119,158	97,661
Production Cost per Net KWH						
Generated	(23.818)	(37.343)	(33.752)	(30.743)	18.758	21.235
Fuel	(10.471)	(0.506)	(13.116)	(0.526)	10.598	10.303
Operation	(1.980)	(2.754)	(2.617)	(3.113)	1.782	2.183
Maintenance	(11.368)	(34.083)	(18.019)	(27.104)	6.378	8.748
% of Total BTU Burned						
Gas	-	-	-	-	83.61%	53.29%
Oil	100.00%	100.00%	100.00%	100.00%	16.39%	46.71%
BTU Per Net KWH Generation						
Gas	-	-	-	-	13,249.266	9,428.645
Oil	(1,089.928)	(1,705.314)	(1,666.170)	(1,738.363)	2,597.390	8,264.949

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			-	-	- 799.895	1,092.771

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	762.0	959.0	1,008.0	365.0	103,517.0	102,544.0
Station Use (MWHR)	377.0	1,537.0	761.0	2,810.0	1,364.0	9,155.0
Generation - Net (MWHR)	385.0	(578.0)	247.0	(2,445.0)	102,153.0	93,389.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	385.0	(578.0)	247.0	(2,445.0)	102,153.0	93,389.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	96,540	102,192	250,922	259,115	4,423,261	4,216,498
Fuel Handling	-	-	-	-	-	-
Operations	14,403	6,512	42,855	24,110	301,189	327,719
Maintenance	123,073	150,835	544,275	332,445	1,636,681	1,250,582
Total	234,016	259,539	838,052	615,669	6,361,131	5,794,799
Quantity of Fuel Burned						
Natural Gas - MCF	7,954	10,579	11,980	14,717	1,027,557	1,010,459
Production Cost per Net KWH						
Generated	60.783	(44.903)	339.292	(25.181)	6.227	6.205
Fuel	25.075	(17.680)	101.588	(10.598)		4.515
Operation	3.741	(1.127)	17.350	(0.986)	0.295	0.351
Maintenance	31.967	(26.096)	220.354	(13.597)	1.602	1.339
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	67.86%	76.27%	50.23%
Oil	-	-	-	32.14%	23.73%	49.77%
BTU Per Net KWH Generation						
Gas	21,249.351	(18,858.131)	49,947.368	(4,215.336)	7,914.043	5,595.002
Oil	-	-	-	(1,996.933)	2,462.167	5,543.462

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Run Date: 07/24/19 08:16:27 AM

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,180.051	937.541	2,033.894	2,514.090	547.133	806.967

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	142.0	1,413.0	142.0	7,226.0	7,366.0
Station Use (MWHR)		-	1.0	1.0	3.0	4.0
Generation - Net (MWHR)	-	142.0	1,412.0	141.0	7,223.0	7,362.0
Energy Input for Pumping (MWHR)	_	=	<u> </u>	<u> </u>	<u>-</u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	142.0	1,412.0	141.0	7,223.0	7,362.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	96,720	94,116	386,836	302,158	1,593,178	1,543,720
Fuel Handling	-	-	-	-	-	-
Operations	1,284	2,928	13,931	7,480	84,604	64,763
Maintenance	32,322	79,626	123,225	154,550	533,234	596,651
Total	130,325	176,670	523,991	464,188	2,211,016	2,205,135
Quantity of Fuel Burned						
Natural Gas - MCF	-	3,025	18,806	3,025	96,256	95,815
Production Cost per Net KWH						
Generated	-	124.415	37.110	329.211	30.611	29.953
Fuel	-	66.279	27.396	214.297	22.057	20.969
Operation	-	2.062	0.987	5.305	1.171	0.880
Maintenance	-	56.075	8.727	109.610	7.382	8.104
% of Total BTU Burned						
Gas	-	100.00%	100.00%	100.00%	46.27%	37.17%
Oil	-	-	-	-	53.73%	62.83%
BTU Per Net KWH Generation						
Gas	-	21,387.324	13,367.564	21,539.007	6,191.986	5,009.534
Oil	-	-	-	-	7,191.511	8,466.695

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 3,098.971	2,049.463	9,949.235	3,562.187	4,185.771

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,686.0	5,527.0	4,745.0	7,007.0	54,327.0	85,163.0
Station Use (MWHR)	78.0	143.0	746.0	616.0	1,999.0	1,822.0
Generation - Net (MWHR)	1,608.0	5,384.0	3,999.0	6,391.0	52,328.0	83,341.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,608.0	5,384.0	3,999.0	6,391.0	52,328.0	83,341.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	62,557	189,069	191,763	261,492	3,622,510	4,356,869
Fuel Handling	-	-	-	-	-	-
Operations	41,014	22,988	90,930	86,191	409,912	478,456
Maintenance	12,190	63,461	112,908	139,600	696,171	953,262
Total	115,760	275,517	395,601	487,282	4,728,593	5,788,588
Quantity of Fuel Burned						
Natural Gas - MCF	17,835	58,308	51,932	74,175	587,465	864,670
Production Cost per Net KWH						
Generated	7.199	5.117	9.893	7.625	9.036	6.946
Fuel	3.890	3.512	4.795	4.092	6.923	5.228
Operation	2.551	0.427	2.274	1.349	0.783	0.574
Maintenance	0.758	1.179	2.823	2.184	1.330	1.144
% of Total BTU Burned						
Gas	78.11%	100.00%	92.47%	85.30%	85.38%	60.23%
Oil	21.89%	-	7.53%	14.70%	14.62%	39.77%
BTU Per Net KWH Generation						
Gas	8,874.264	11,132.987	12,286.025	10,175.116	9,820.154	6,450.677
Oil	2,487.055	-	1,000.046	1,754.159	1,681.203	4,259.634

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	438.387	315.430	390.304	402.115	704.948	810.421

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Mar Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1.0	-	33,041.0	19,778.0
Station Use (MWHR)	2.0	-	6.0	2.0	27.0	12.0
Generation - Net (MWHR)	(2.0)	-	(5.0)	(2.0)	33,014.0	19,766.0
Energy Input for Pumping (MWHR)	<u> </u>	-	<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	(2.0)	-	(5.0)	(2.0)	33,014.0	19,766.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	71,171	83,302	215,210	253,882	2,854,185	2,462,013
Fuel Handling	-	-	-	-	-	-
Operations	9,523	821	30,043	5,619	99,843	36,505
Maintenance	27,591	96,968	85,345	239,934	809,615	918,907
Total	108,285	181,091	330,598	499,436	3,763,644	3,417,425
Quantity of Fuel Burned						
Natural Gas - MCF	1	10	5	24	396,050	242,756
Production Cost per Net KWH						
Generated	(5,414.247)		(6,611.961)	(24,971.811)		
Fuel	(3,558.565)	-	(4,304.205)	(12,694.118)	8.645	12.456
Operation	(476.125)		(600.852)	(280.971)	0.302	0.185
Maintenance	(1,379.557)	-	(1,706.904)	(11,996.722)	2.452	4.649
% of Total BTU Burned						
Gas	-	-	33.33%	-	11.79%	57.11%
Oil	100.00%	100.00%	66.67%	100.00%	88.21%	42.89%
BTU Per Net KWH Generation						
Gas	-	-	(400.000)	-	1,448.472	7,262.829
Oil	(1,000.000)	-	(800.000)	(12,000.000)	10,839.163	5,454.311

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Run Date: 07/24/19 08:16:28 AM

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			10,760,513.000		- 5,968.619	1,715.006

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Mar

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-	-		-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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ACTV_ALL	1
Callaway Energy Center	
ACTUAL, 2018, Apr, UEC.65, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL.	3
MO or Corp Distribution or St Louis	
ACTUAL, 2018, Apr, UEC.21, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	5
Meramec Energy Center	
ACTUAL, 2018, Apr, UEC.50, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	6
Sioux Energy Center	
ACTUAL, 2018, Apr, UEC.53, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	0
ACTV_ALL	8
Labadie Energy Center	
ACTUAL, 2018, Apr, UEC.58, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	10
ACTV_ALL	10
Rush Island Energy Center ACTUAL, 2018, Apr, UEC.63, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Apr., OEC.03, Chinty Cuit Total, [ICT Top], T_ALL, RWC_ALL, DN_ALL, ACTV_ALL	12
Osage Energy Ctr	12
ACTUAL, 2018, Apr, UEC.52, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	14
Taum Sauk Energy Center	
ACTUAL, 2018, Apr, UEC.54, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	15
Keokuk Energy Center	
ACTUAL, 2018, Apr, UEC.59, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	16
Venice Energy Center	
ACTUAL, 2018, Apr, UEC.57, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	17
Maryland Heights Landfille CTG	
ACTUAL, 2018, Apr, UEC.MY, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	18
O'Fallon Renewable Energy Center	
ACTUAL, 2018, Apr, UEC.OF, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	20
Montgomery Renewable Energy Center	
ACTUAL, 2018, Apr, UEC.MW, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	21
Generation Common	
ACTUAL, 2018, Apr, UEC.5A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	22
Venice CTG	
ACTUAL, 2018, Apr, UEC.62, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL	23
Howard Bend CTG	29
ACTUAL, 2018, Apr, UEC.71, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL	25
Meramec CTG	20
ACTUAL, 2018, Apr, UEC.72, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	26
Fairgrounds CTG	
ACTUAL, 2018, Apr, UEC.73, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALLACTV_ALL.	28
Kirksville CTG	20
ACTUAL, 2018, Apr, UEC.74, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALLACTV ALL	30
Moreau CTG	00
ACTUAL, 2018, Apr, UEC.75, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Apr., OEC. 75, CERRITY CRIT TOTAL, FICT TOPJ, T_AEL, RWC_ALL, DIV_ALL, ACTV_ALL	32
Moberly CTG	52
ACTUAL, 2018, Apr, UEC.76, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Apr., OEC. 70, CERRITY CRIT TOTAL, FICT TOPJ, T_AEL, RIVIC_AEL, DIV_AEL, ACTV_ALL	34
Mexico CTG	54
ACTUAL, 2018, Apr, UEC.77, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Apr., OEC. 77, CERRITY CRIT TOTAL, FICT TOPJ, T_AEL, RIVIC_AEL, DIV_AEL, ACTV ALL	36
Viaduct CTG	50
ACTUAL, 2018, Apr, UEC.78, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Apr., OEC. 76, CERRITY CHIT TOTAL, FICT TOPJ, T_AEL, RIVIC_AEL, DIV_AEL, ACTV ALL	38
Goose Creek	50
ACTUAL, 2018, Apr, UEC.7G, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Apr., OEC.7G, CERRITY CHIT TOTALS, [ICF Top], I_ALL, RWC_ALL, DN_ALL, ACTV_ALL	20
Kinmundy CTG	
ACTUAL, 2018, Apr, UEC.7K, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Apr., OEC.7K, <entity curr="" total="">, [ICF Top], 1_ALL, RMC_ALL, DN_ALL, ACTV ALL</entity>	41
Pinckneyville CTG	
· ·	
ACTV ALL, 2018, Apr, UEC.7P, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	12
ACTV_ALL Racoon Creek CTG	43
ACTV ALL, 2018, Apr, UEC.7R, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	15
ACTV_ALL	45
Peno Creek CTG	
ACTV ALL, 2018, Apr, UEC.98, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	47
ACTV_ALL	4/
Audrain CTG	
ACTUAL, 2018, Apr, UEC.7A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	49
Sioux-Rush Island Transfer Facility	
ACTUAL, 2018, Apr, UEC.5C, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL.	51

Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,286,216.4	3,653,519.9	14,578,955.4	14,791,931.4	43,857,776.9	43,078,085.5
Station Use (MWHR)	177,630.2	191,629.6	786,318.1	786,694.6	2,393,309.2	2,362,666.0
Generation - Net (MWHR)	3,108,586.2	3,461,890.3	13,792,637.2	14,005,236.8	41,464,467.7	40,715,419.6
Energy Input for Pumping (MWHR)	23,023.0	34,178.0	87,929.0	129,320.0	481,381.0	562,327.0
Generation Less Pumping Energy (MWHR)	3,085,563.2	3,427,712.3	13,704,708.2	13,875,916.8	40,983,086.7	40,153,092.6
Total Production Cost						
Fuel - Coal	43,594,489	53,734,776	208,687,396	226,532,252	653,576,709	645,040,018
Fuel - Natural Gas	1,281,559	1,701,615	4,453,288	4,509,143	22,044,018	23,114,736
Fuel - Oil	169,494	188,395	678,728	711,042	2,149,036	2,990,811
Fuel Handling	677,355	302,096	2,785,879	1,264,814	10,979,228	6,590,621
Nuclear	7,954,394	8,113,114	31,679,362	31,874,753	75,425,837	94,972,760
Operations	9,421,390	12,589,653	44,976,667	45,421,608	134,269,814	133,233,694
Maintenance	12,559,713	9,120,967	44,858,282	39,090,634	161,504,854	136,829,483
Total	75,658,394	85,750,615	338,119,601	349,404,244	1,059,949,496	1,042,772,122
Quantity of Fuel Burned						
Coal - Tons	1,231,368	1,434,130	5,741,943	6,008,229	17,709,031	16,833,046
Nuclear - MMBTU	8,754,533	8,753,996	34,900,828	34,379,592	83,878,408	102,194,933
Natural Gas - MCF	336,723	427,159	951,741	1,002,849	8,014,680	8,662,297
Oil - Gallons	104,798	119,215	498,801	460,030	1,456,834	2,124,620
Production Cost per Net KWH						
Generated	2.434	2.477	2.451	2.495	2.556	2.561
Fuel	1.449	1.607	1.550	1.655	1.635	1.648
Fuel Handling	0.022	0.009	0.020	0.009	0.026	0.016
Nuclear Fuel Burned	0.256	0.234	0.230	0.228	0.182	0.233
Operation	0.303	0.364	0.326	0.324	0.324	0.327
Maintenance	0.404	0.263	0.325	0.279	0.390	0.336

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	70.98%	73.71%	74.01%	75.09%	77.82%	73.55%
Nuclear	28.35%	25.50%	25.50%	24.39%	21.05%	25.20%
Gas	0.62%	0.70%	0.43%	0.45%	0.75%	0.72%
Oil	0.05%	0.09%	0.05%	0.07%	0.38%	0.53%
BTU Per Net KWH Generation						
Coal	7,051.194	7,308.484	7,342.811	7,558.184	7,477.874	7,325.267
Nuclear	2,816.243	2,528.675	2,530.396	2,454.767	2,022.898	2,509.981
Gas	61.930	69.347	42.665	45.169	71.825	71.628
Oil	4.486	8.618	5.432	6.965	36.223	52.992
BTU Per Pound of Coal	8,900	8,821	8,819	8,809	8,754	8,859
Cost Per MMBTU Burned						
Coal	201.977	213.575	208.807	215.199	214.327	218.484
Nuclear	90.860	92.679	90.770	92.714	89.923	92.933
Natural Gas	665.697	708.798	756.767	712.796	740.186	792.592
Cost Per Ton of Coal Burned						
Coal	35.403	37.469	36.344	37.704	36.906	38.320
Coal Handling	0.435	0.139	0.396	0.138	0.535	0.312
Total	35.838	37.608	36.741	37.841	37.442	38.632

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	923,751.0	920,379.0	3,691,314.0	3,643,111.0	8,763,477.0	10,702,696.0
Station Use (MWHR)	39,099.0	38,872.0	154,070.0	154,835.0	410,382.0	466,934.0
Generation - Net (MWHR)	884,652.0	881,507.0	3,537,244.0	3,488,276.0	8,353,095.0	10,235,762.0
Energy Input for Pumping (MWHR)		-	-	-	-	_
Generation Less Pumping Energy (MWHR)	884,652.0	881,507.0	3,537,244.0	3,488,276.0	8,353,095.0	10,235,762.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,954,394	8,113,114	31,679,362	31,874,753	75,425,837	94,972,760
Operations	4,918,496	6,741,407	26,232,468	25,763,313	75,406,604	72,778,308
Maintenance	3,933,152	3,238,044	15,285,967	12,438,423	70,272,412	47,378,036
Total	16,806,042	18,092,564	73,197,797	70,076,489	221,104,853	215,129,103
Quantity of Fuel Burned						
Nuclear - MMBTU	8,754,533	8,753,996	34,900,828	34,379,592	83,878,408	102,194,933
Production Cost per Net KWH						
Generated	1.900	2.052	2.069	2.009	2.647	2.102
Nuclear Fuel Burned	0.899	0.920	0.896	0.914	0.903	0.928
Operation	0.556	0.765	0.742	0.739	0.903	0.711
Maintenance	0.445	0.367	0.432	0.357	0.841	0.463
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,896.019	9,930.717	9,866.673	9,855.755	10,041.596	9,984.106

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	90.860	92.679	90.770	92.714	89.923	92.933

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	48.0	48.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	48.0	48.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	48.0	48.0	144.0	144.0
Total Production Cost Fuel - Coal Fuel Handling	- -	-	-	- -	- -	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	101,531.0	97,477.0	306,901.0	315,627.0	1,235,423.0	1,706,609.0
Station Use (MWHR)	14,029.0	11,227.0	48,769.0	37,953.0	171,166.0	169,114.0
Generation - Net (MWHR)	87,502.0	86,250.0	258,132.0	277,674.0	1,064,257.0	1,537,495.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	87,502.0	86,250.0	258,132.0	277,674.0	1,064,257.0	1,537,495.0
Total Production Cost						
Fuel - Coal	2,341,963	2,290,699	6,551,860	7,062,009	27,503,407	39,659,189
Fuel - Natural Gas	90,004	73,405	535,847	276,984	1,781,255	1,376,831
Fuel Handling	60,388	126,859	268,725	520,038	997,713	1,504,801
Operations	570,921	957,441	2,537,177	3,024,719	8,189,746	9,237,605
Maintenance	597,001	791,017	3,443,704	3,608,854	10,656,198	10,021,669
Total	3,660,277	4,239,420	13,337,314	14,492,604	49,128,318	61,800,095
Quantity of Fuel Burned						
Coal - Tons	68,376	61,680	186,261	188,211	739,914	1,056,130
Natural Gas - MCF	30,609	23,624	105,353	84,365	484,778	437,397
Oil - Gallons	3,006	4,382	13,059	14,336	43,000	51,307
Production Cost per Net KWH						
Generated	4.183	4.915	5.167	5.219	4.616	4.020
Fuel	2.779	2.741	2.746	2.643	2.752	2.669
Fuel Handling	0.069	0.147	0.104	0.187	0.094	0.098
Operation	0.652	1.110	0.983	1.089	0.770	0.601
Maintenance	0.682	0.917	1.334	1.300	1.001	0.652
% of Total BTU Burned						
Coal	97.45%	97.75%	96.76%	97.37%	96.26%	97.59%
Gas	2.55%	2.25%	3.24%	2.63%	3.74%	2.41%
Oil	-	-	-	-	-	-

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	13,664.514	12,306.005	12,566.085	11,695.220	12,036.414	11,826.424
Gas	357.569	283.443	421.265	315.669	467.906	292.426
BTU Per Pound of Coal	8,743	8,604	8,707	8,627	8,656	8,608
Cost Per MMBTU Burned						
Coal	200.920	227.772	210.271	233.476	222.494	226.386
Natural Gas	287.664	300.262	492.769	316.001	357.702	306.232
Cost Per Ton of Coal Burned						
Coal	34.251	37.138	35.176	37.522	37.171	37.551
Coal Handling	0.876	2.012	1.431	2.700	1.315	1.394
Total	35.127	39.150	36.607	40.222	38.486	38.945

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	553,459.0	568,615.0	2,058,971.0	2,074,557.0	5,393,749.0	5,209,312.0
Station Use (MWHR)	39,716.0	42,290.0	154,674.0	160,333.0	425,584.0	
Generation - Net (MWHR)	513,743.0	526,325.0	1,904,297.0	1,914,224.0	4,968,165.0	
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	513,743.0	526,325.0	1,904,297.0	1,914,224.0	4,968,165.0	4,766,480.0
Total Production Cost						
Fuel - Coal	10,766,880	11,958,080	41,270,048	45,151,296	101,412,269	107,251,319
Fuel - Oil	7,184	16,645	119,909	75,671	350,249	372,629
Fuel Handling	249,067	133,153	867,809	545,347	2,646,802	2,173,520
Operations	707,628	1,115,039	3,200,566	3,692,441	10,166,020	11,214,436
Maintenance	1,443,591	1,384,563	6,236,882	6,495,500	24,657,174	21,915,195
Total	13,174,350	14,607,478	51,695,214	55,960,256	139,232,515	142,927,098
Quantity of Fuel Burned						
Coal - Tons	306,550	320,307	1,159,697	1,204,926	2,776,660	2,815,628
Oil - Gallons	3,954	10,000	65,730	45,441	192,758	226,441
Production Cost per Net KWH						
Generated	2.564	2.775	2.715	2.923	2.802	2.999
Fuel	2.097	2.275	2.174	2.363	2.048	2.258
Fuel Handling	0.048	0.025	0.046	0.028	0.053	0.046
Operation	0.138	0.212	0.168	0.193	0.205	0.235
Maintenance	0.281	0.263	0.328	0.339	0.496	0.460
% of Total BTU Burned						
Coal	99.99%	99.98%	99.96%	99.97%	99.95%	99.94%
Oil	0.01%	0.02%	0.04%	0.03%	0.05%	0.06%
BTU Per Net KWH Generation						
Coal	11,060.561	11,198.877	11,276.234	11,612.885	10,210.495	11,396.827

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.054	2.603	4.729	3.252	5.315	6.508
BTU Per Pound of Coal	9,268	9,201	9,258	9,224	9,135	9,647
Cost Per MMBTU Burned Coal	193.865	205.136	196.234	205.566	205.134	201.435
Cost Per Ton of Coal Burned						
Coal	35.123	37.333	35.587	37.472	36.523	38.091
Coal Handling	0.746	0.401	0.685	0.423	0.884	0.731
Total	35.869	37.734	36.272	37.895	37.407	38.822

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,432,256.0	1,205,960.0	5,818,007.0	5,181,634.0	17,626,610.0	15,892,726.0
Station Use (MWHR)	71,235.0	58,567.0	287,994.0	256,470.0	875,366.0	805,051.0
Generation - Net (MWHR)	1,361,021.0	1,147,393.0	5,530,013.0	4,925,164.0	16,751,244.0	15,087,675.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,361,021.0	1,147,393.0	5,530,013.0	4,925,164.0	16,751,244.0	15,087,675.0
Total Production Cost						
Fuel - Coal	28,116,019	25,463,763	117,645,908	110,031,567	357,813,591	334,513,581
Fuel - Oil	150,890	87,930	391,552	507,709	1,178,102	1,894,878
Fuel Handling	257,925	81,737	1,266,565	440,714	5,496,708	1,854,389
Operations	1,381,780	1,823,867	5,742,225	5,877,476	17,822,797	17,602,603
Maintenance	2,123,139	1,815,888	8,881,676	8,274,876	25,701,009	27,540,238
Total	32,029,754	29,273,186	133,927,925	125,132,342	408,012,207	383,405,689
Quantity of Fuel Burned						
Coal - Tons	793,981	670,402	3,217,259	2,885,942	9,595,557	8,648,993
Oil - Gallons	78,671	53,445	205,550	308,433	667,087	1,197,878
Production Cost per Net KWH						
Generated	2.353	2.551	2.422	2.541	2.436	2.541
Fuel	2.077	2.227	2.134	2.244	2.143	2.230
Fuel Handling	0.019	0.007	0.023	0.009	0.033	0.012
Operation	0.102	0.159	0.104	0.119	0.106	0.117
Maintenance	0.156	0.158	0.161	0.168	0.153	0.183
% of Total BTU Burned						
Coal	99.92%	99.94%	99.95%	99.92%	99.95%	99.89%
Oil	0.08%	0.06%	0.05%	0.08%	0.05%	0.11%
BTU Per Net KWH Generation						
Coal	10,300.152	10,285.416	10,251.799	10,303.219	10,070.240	10,073.154

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	7.919	6.381	5.092	8.579	5.456	10.878
BTU Per Pound of Coal	8,828	8,802	8,811	8,792	8,790	8,786
Cost Per MMBTU Burned Coal	202.400	216.461	209.750	217.701	215.373	221.323
Cost Per Ton of Coal Burned						
Coal	35.411	37.983	36.567	38.127	37.290	38.677
Coal Handling	0.226	0.011	0.291	0.048	0.470	0.107
Total	35.637	37.994	36.858	38.175	37.760	38.784

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	118,156.0	675,455.0	2,132,560.0	2,979,993.0	8,480,073.0	7,382,633.0
Station Use (MWHR)	10,599.0	38,908.0	127,620.0	162,439.0	477,753.0	438,071.0
Generation - Net (MWHR)	107,557.0	636,547.0	2,004,940.0	2,817,554.0	8,002,320.0	6,944,562.0
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	107,557.0	636,547.0	2,004,940.0	2,817,554.0	8,002,320.0	6,944,562.0
Total Production Cost						
Fuel - Coal	2,369,628	14,022,234	43,219,580	64,287,380	166,847,442	163,615,928
Fuel - Oil	11,420	83,821	167,267	127,662	620,685	723,304
Fuel Handling	109,975	(39,653)	382,780	(241,285)	1,838,006	1,057,911
Operations	931,679	1,167,776	3,779,332	3,899,618	10,996,840	11,128,003
Maintenance	2,265,293	939,616	6,232,849	4,361,612	15,508,715	15,934,848
Total	5,687,995	16,173,794	53,781,809	72,434,986	195,811,687	192,459,994
Quantity of Fuel Burned						
Coal - Tons	62,461	381,741	1,178,726	1,729,150	4,596,900	4,312,295
Oil - Gallons	5,743	51,388	91,358	78,389	365,282	482,792
Production Cost per Net KWH						
Generated	5.288	2.541	2.682	2.571	2.447	2.771
Fuel	2.214	2.216	2.164	2.286	2.093	2.366
Fuel Handling	0.102	(0.006)	0.019	(0.009)	0.023	0.015
Operation	0.866	0.183	0.189	0.138	0.137	0.160
Maintenance	2.106	0.148	0.311	0.155	0.194	0.229
% of Total BTU Burned						
Coal	99.92%	99.89%	99.94%	99.96%	99.94%	99.91%
Oil	0.08%	0.11%	0.06%	0.04%	0.06%	0.09%
BTU Per Net KWH Generation						
Coal	9,507.185	10,280.644	9,909.092	10,516.922	9,727.147	10,621.983

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	7.315	11.059	6.243	3.811	6.254	9.524
BTU Per Pound of Coal	8,186	8,571	8,427	8,568	8,467	8,553
Cost Per MMBTU Burned Coal	242.489	213.667	219.470	216.138	216.709	223.241
Cost Per Ton of Coal Burned						
Coal	37.938	36.732	36.666	37.179	36.296	37.942
Coal Handling	1.082	(0.158)	0.238	(0.190)	0.336	0.186
Total	39.019	36.574	36.904	36.988	36.631	38.128

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	38,630.0	69,925.0	140,715.0	118,126.0	655,577.0	453,049.0
Station Use (MWHR)	639.0	552.0	2,862.0	2,956.0	7,984.0	7,891.0
Generation - Net (MWHR)	37,991.0	69,373.0	137,853.0	115,170.0	647,593.0	445,158.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	37,991.0	69,373.0	137,853.0	115,170.0	647,593.0	445,158.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	173,848	111,393	684,290	502,479	2,779,522	2,575,065
Maintenance	133,550	184,142	552,457	782,960	2,777,903	3,230,097
Total	307,399	295,535	1,236,747	1,285,439	5,557,425	5,805,162
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.809	0.426	0.897	1.116	0.858	1.304
Operation	0.458	0.161	0.496	0.436	0.429	0.578
Maintenance	0.352	0.265	0.401	0.680	0.429	0.726
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	15,062.0	24,278.0	61,088.0	93,501.0	345,519.0	404,299.0
Station Use (MWHR)	208.0	•	1,060.0	1,030.0	•	•
Generation - Net (MWHR)	14,854.0	24,096.0	60,028.0	92,471.0	342,723.0	
Energy Input for Pumping (MWHR)	23,023.0	34,178.0	87,929.0	129,320.0	481,381.0	562,327.0
Generation Less Pumping Energy (MWHR)	(8,169.0)	(10,082.0)	(27,901.0)	(36,849.0)	(138,658.0)	(160,839.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	168,200	166,576	634,585	620,295	2,003,041	2,006,673
Maintenance	72,573	102,196	331,150	379,734	1,249,908	1,270,003
Total	240,773	268,772	965,735	1,000,029	3,252,949	3,276,675
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.621	1.115	1.609	1.081	0.949	0.816
Operation	1.132	0.691	1.057	0.671	0.584	0.500
Maintenance	0.489	0.424	0.552	0.411	0.365	0.316
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	88,690.0	70,394.0	322,744.0	333,035.0	1,013,130.0	920,647.0
Station Use (MWHR)	392.0	480.0	2,009.0	2,035.0	6,187.0	5,740.0
Generation - Net (MWHR)	88,298.0	69,914.0	320,735.0	331,000.0	1,006,943.0	914,907.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	88,298.0	69,914.0	320,735.0	331,000.0	1,006,943.0	914,907.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	295,002	222,085	1,071,126	950,133	3,252,286	3,092,775
Maintenance	26,647	39,077	239,958	302,756	1,041,574	1,074,587
Total	321,649	261,162	1,311,084	1,252,889	4,293,860	4,167,361
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.364	0.374	0.409	0.379	0.426	0.455
Operation	0.334	0.318	0.334	0.287	0.323	0.338
Maintenance	0.030	0.056	0.075	0.091	0.103	0.117
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,153.5	6,535.6	22,296.6	28,481.5	41,382.2	68,946.9
Station Use (MWHR)	831.2	1,327.6	3,508.1	4,770.6	6,998.2	11,176.0
Generation - Net (MWHR)	3,322.3	5,208.0	18,788.5	23,710.9	34,384.0	
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	3,322.3	5,208.0	18,788.5	23,710.9	34,384.0	57,770.9
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	149,543	251,971	778,609	1,078,165	1,519,671	2,561,075
Fuel Handling	-	-	-	-	-	-
Operations	28,419	41,187	121,349	158,755	347,795	346,141
Maintenance	723,986	129,895	855,335	387,017	2,070,223	1,581,752
Total	901,948	423,054	1,755,293	1,623,936	3,937,690	4,488,967
Quantity of Fuel Burned						
Natural Gas - MCF	44,640	75,895	232,421	324,748	454,371	798,716
Production Cost per Net KWH						
Generated	27.148	8.123	9.342	6.849	11.452	7.770
Fuel	4.501	4.838	4.144	4.547	4.420	4.433
Operation	0.855	0.791	0.646	0.670	1.012	0.599
Maintenance	21.792	2.494	4.552	1.632	6.021	2.738
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	13,436.531	14,572.801	12,370.386	13,696.131	13,214.616	13,825.567

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	334.997	332.000	335.000	332.000	334.456	320.649

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	359.9	533.3	1,239.7	1,567.8	5,665.7	6,765.6
Generation - Net (MWHR)	359.9		1,239.7	1,567.8	·	
Energy Input for Pumping (MWHR)	-	-	, -	-	-	-,
Generation Less Pumping Energy (MWHR)	359.9	533.3	1,239.7	1,567.8	5,665.7	6,765.6
Total Production Cost						
Fuel - Coal	-	-	_	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	2,745	5 23,015	2,868	2,090	8,980	34,351
Maintenance		-	7,784	-	7,784	7,877
Total	2,745	23,015	10,651	2,090	16,764	42,228
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.763	4.315	0.859	0.133	0.296	0.624
Operation	0.763	4.315	0.231	0.133	0.159	0.508
Maintenance	-	-	0.628	-	0.137	0.116
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,500	(9,990)	28,475	6,810	89,214	33,642
Fuel Handling	-	-	-	-	-	-
Operations	74,856	96,947	368,216	501,150	1,276,362	1,314,845
Maintenance	113,143	16,248	295,265	41,095	936,804	657,764
Total	195,499	103,205	691,956	549,055	2,302,380	2,006,251
Quantity of Fuel Burned						
Natural Gas - MCF	147,874	178,277	364,362	344,321	3,831,558	3,990,590
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	190.0	671.0	2,618.0	1,163.0	65,494.0	77,397.0
Generation - Net (MWHR)	190.0	671.0	2,618.0	1,163.0	65,494.0	77,397.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	190.0	671.0	2,618.0	1,163.0	65,494.0	77,397.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	69,211	85,615	423,262	273,922	3,199,395	3,180,811
Fuel Handling	-	-	-	-	-	-
Operations	49,812	37,556	203,075	163,766	597,446	569,176
Maintenance	52,414	51,127	236,219	344,815	717,611	1,008,222
Total	171,437	174,298	862,557	782,504	4,514,452	4,758,210
Quantity of Fuel Burned						
Natural Gas - MCF	2,005	7,197	26,790	11,989	724,554	751,180
Production Cost per Net KWH						
Generated	90.230	25.976	32.947	67.283	6.893	6.148
Fuel	36.427	12.759	16.167	23.553	4.885	4.110
Operation	26.217	5.597	7.757	14.081	0.912	0.735
Maintenance	27.586	7.620	9.023	29.649	1.096	1.303
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	60.05%	43.84%	27.09%
Oil	-	-	-	39.95%	56.16%	72.91%
BTU Per Net KWH Generation						
Gas	10,800.000	11,074.516	10,448.052	6,395.529	4,987.103	2,704.700
Oil	-	-	-	4,254.514	6,388.810	7,277.845

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	3,372.838	1,152.131	1,547.407	3,682.742	979.531	1,519.479

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Operations			-	41	-	4,765
Maintenance			-	-	415	4,144
Total			-	41	415	8,909
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		291.0	1,131.0	449.0	2,422.0	1,614.0
Generation - Net (MWHR)	-	291.0	1,131.0	449.0	2,422.0	1,614.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	291.0	1,131.0	449.0	2,422.0	1,614.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	22,624	12,082	122,637	18,410	176,494	138,779
Fuel Handling	-	-	-	-	-	-
Operations	3,336	2,825	14,599	9,385	42,796	27,875
Maintenance	2,910	335	17,602	2,145	142,142	161,719
Total	28,870	15,242	154,838	29,940	361,432	328,374
Quantity of Fuel Burned						
Natural Gas - MCF	-	3,902	14,116	5,923	30,990	16,723
Oil - Gallons	13,424	-	13,424	-	13,424	45,143
Production Cost per Net KWH						
Generated	-	5.238	13.690	6.668	14.923	20.345
Fuel	-	4.152	10.843	4.100	7.287	8.598
Operation	-	0.971	1.291	2.090	1.767	1.727
Maintenance	-	0.115	1.556	0.478	5.869	10.020
% of Total BTU Burned						
Gas	-	100.00%	88.77%	100.00%	85.96%	66.60%
Oil	100.00%	-	11.23%	-	14.04%	33.40%
BTU Per Net KWH Generation						
Gas	-	13,838.488	12,851.459	13,623.608	11,942.552	9,622.661
Oil	-	-	1,626.073	-	1,951.374	4,825.719

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 300.026	843.737	300.966	610.179	893.564

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	762.0	-	1,025.0	189.0
Station Use (MWHR)	49.0	36.0	273.0	218.0	606.0	536.0
Generation - Net (MWHR)	(49.0)	(36.0)	489.0	(218.0)	419.0	(347.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(49.0)	(36.0)	489.0	(218.0)	419.0	(347.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	225,694	-	311,352	61,128
Fuel Handling	-	-	-	-	-	-
Operations	2,593	1,892	11,637	7,146	29,663	26,478
Maintenance	10,881	5,221	18,022	14,071	63,302	54,718
Total	13,474	7,113	255,353	21,217	404,316	142,324
Quantity of Fuel Burned						
Oil - Gallons	-	-	67,162	-	92,652	17,300
Production Cost per Net KWH						
Generated	(27.498)	(19.759)	52.219	(9.733)	96.495	(41.015)
Fuel	-	-	46.154	-	74.308	(17.616)
Operation	(5.292)	(5.256)	2.380	(3.278)	7.079	(7.630)
Maintenance	(22.206)	(14.504)	3.685	(6.455)	15.108	(15.769)
% of Total BTU Burned						
Oil	-	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	18,816.348	-	30,294.329	(6,830.259)

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	5.0	80.0
Generation - Net (MWHR)	-	-	-	-	5.0	
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	-	-	-	-	5.0	80.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	451	873	10,711
Fuel Handling	-	-	-	-	-	-
Operations	2,650	2,093	12,635	7,520	37,235	30,548
Maintenance	1,445	6,597	9,038	11,904	44,947	62,681
Total	4,095	8,690	21,673	19,875	83,056	103,939
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	39	92	1,468
Production Cost per Net KWH						
Generated	-	-	-	-	1,661.112	129.924
Fuel	-	-	-	-	17.456	13.389
Operation	-	-	-	-	744.709	38.185
Maintenance	-	-	-	-	898.947	78.351
% of Total BTU Burned						
Gas	-	-	-	-	100.00%	13.33%
Oil	-	-	-	100.00%	-	86.67%
BTU Per Net KWH Generation						
Gas	-	-	-	-	52,200.000	870.000
Oil	-	-	-	-	-	5,655.000

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				-	- 334.406	15,389.411

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	286.0	397.0
Station Use (MWHR)	58.0	46.0	241.0	229.0	460.0	538.0
Generation - Net (MWHR)	(58.0)	(46.0)	(241.0)	(229.0)	(174.0)	(141.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(58.0)	(46.0)	(241.0)	(229.0)	(174.0)	(141.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	67,936	95,290
Fuel Handling	-	-	-	-	-	-
Operations	2,615	1,915	11,498	7,056	31,067	26,429
Maintenance	4,083	11,283	15,242	21,351	67,308	66,808
Total	6,699	13,198	26,740	28,407	166,311	188,526
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	26,421	37,059
Production Cost per Net KWH						
Generated	(11.549)	(28.692)	(11.095)	(12.405)	(95.581)	(133.707)
Fuel	-	-	-	-	(39.044)	(67.581)
Operation	(4.509)	(4.163)	(4.771)	(3.081)	(17.854)	(18.744)
Maintenance	(7.040)	(24.529)	(6.325)	(9.324)	(38.683)	(47.381)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(22,027.428)	(38,127.503)

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	116.0	245.0
Station Use (MWHR)	47.0	30.0	183.0	149.0	449.0	439.0
Generation - Net (MWHR)	(47.0)	(30.0)	(183.0)	(149.0)	(333.0)	(194.0)
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u>-</u>		<u> </u>
Generation Less Pumping Energy (MWHR)	(47.0)	(30.0)	(183.0)	(149.0)	(333.0)	(194.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	-	21,985	36,445
Fuel Handling	-	-	-	-	-	-
Operations	2,650	1,935	11,429	7,081	29,536	27,237
Maintenance	327	2,178	17,480	8,210	93,785	48,054
Total	2,977	4,113	28,909	15,290	145,307	111,736
Quantity of Fuel Burned						
Oil - Gallons	-	-	-	-	13,692	22,608
Production Cost per Net KWH						
Generated	(6.335)	(13.709)	(15.797)	(10.262)	(43.636)	(57.596)
Fuel	-	-	-	-	(6.602)	(18.786)
Operation	(5.638)	(6.449)	(6.245)	(4.752)	(8.870)	(14.040)
Maintenance	(0.696)	(7.260)	(9.552)	(5.510)	(28.164)	(24.770)
% of Total BTU Burned						
Oil	-	-	-	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	-	-	(5,633.045)	(15,965.443)

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	483.0	130.0	483.0	468.0
Station Use (MWHR)	31.0	2.0	173.0	115.0	402.0	317.0
Generation - Net (MWHR)	(31.0)	(2.0)	310.0	15.0	81.0	151.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(31.0)	(2.0)	310.0	15.0	81.0	151.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	69,718	440,836	69,718	526,592
Fuel Handling	-	-	-	-	-	-
Operations	2,650	2,436	11,727	7,762	30,648	27,754
Maintenance	11,615	27,912	24,677	33,689	130,437	76,697
Total	14,265	30,348	106,122	482,288	230,803	631,043
Quantity of Fuel Burned						
Oil - Gallons	-	-	42,518	13,431	42,518	44,092
Production Cost per Net KWH						
Generated	(46.018)	(1,517.423)	34.233	3,215.250	284.942	417.909
Fuel	-	-	22.490	2,938.909	86.071	348.736
Operation	(8.548)	(121.813)	3.783	51.747	37.837	18.380
Maintenance	(37.469)	(1,395.611)	7.960	224.593	161.033	50.793
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	18,943.824	106,859.783	72,501.055	38,433.412

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,375.0	302.0	3,319.0	302.0	24,171.0	26,597.0
Generation - Net (MWHR)	2,375.0	302.0	3,319.0	302.0	24,171.0	26,597.0
Energy Input for Pumping (MWHR)		-	<u>-</u>	<u> </u>	<u>-</u>	
Generation Less Pumping Energy (MWHR)	2,375.0	302.0	3,319.0	302.0	24,171.0	26,597.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	130,317	116,006	323,947	161,114	1,844,497	1,758,733
Fuel Handling	-	-	-	-	-	-
Operations	9,178	414	16,843	4,167	75,077	72,745
Maintenance	66,409	1,839	192,766	157,857	587,025	464,284
Total	205,905	118,259	533,556	323,138	2,506,599	2,295,762
Quantity of Fuel Burned						
Natural Gas - MCF	31,468	3,922	44,767	4,135	316,066	344,472
Production Cost per Net KWH						
Generated	8.670	39.159	16.076	106.999	10.370	8.632
Fuel	5.487	38.413	9.760	53.349	7.631	6.613
Operation	0.386	0.137	0.507	1.380	0.311	0.274
Maintenance	2.796	0.609	5.808	52.270	2.429	1.746
% of Total BTU Burned						
Gas	100.00%	100.00%	93.05%	94.83%	59.60%	38.96%
Oil	-	-	6.95%	5.17%	40.40%	61.04%
BTU Per Net KWH Generation						
Gas	13,611.368	13,367.550	12,912.959	13,367.550	8,009.340	5,221.762
Oil	-	-	964.113	728.477	5,428.499	8,181.479

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas	403.121	2,873.566	755.860	3,990.941	952.767	1,266.340

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	685.0	-	685.0	-	10,700.0	7,823.0
Station Use (MWHR)	198.0	164.0	869.0	787.0	2,230.0	2,132.0
Generation - Net (MWHR)	487.0	(164.0)	(184.0)	(787.0)	8,470.0	5,691.0
Energy Input for Pumping (MWHR)		-	-	-	-	-
Generation Less Pumping Energy (MWHR)	487.0	(164.0)	(184.0)	(787.0)	8,470.0	5,691.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	42,852	48,721	130,858	51,998	822,790	597,119
Fuel Handling	-	-	-	-	-	-
Operations	31,391	23,870	48,954	43,261	146,865	103,316
Maintenance	73,229	7,574	194,134	176,433	564,370	469,505
Total	147,472	80,165	373,946	271,691	1,534,025	1,169,941
Quantity of Fuel Burned						
Natural Gas - MCF	8,488	1,360	9,570	2,406	126,286	98,959
Production Cost per Net KWH						
Generated	30.282	(48.881)	(203.231)	(34.522)		20.558
Fuel	8.799	(29.708)	(71.118)	(6.607)	9.714	10.492
Operation	6.446	(14.555)	(26.605)	(5.497)	1.734	1.815
Maintenance	15.037	(4.619)	(105.508)	(22.418)	6.663	8.250
% of Total BTU Burned						
Gas	100.00%	-	88.64%	-	85.59%	52.59%
Oil	-	100.00%	11.36%	100.00%	14.41%	47.41%
BTU Per Net KWH Generation						
Gas	17,913.758	-	(47,413.043)	-	13,260.922	9,413.734
Oil	-	(8,548.780)	(6,076.087)	(3,157.560)	2,232.230	8,486.810

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	491.196	-	1,499.973		- 732.541	1,114.579

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	581.0	8,410.0	1,589.0	8,775.0	95,688.0	100,833.0
Station Use (MWHR)	340.0	(1,212.0)	1,101.0	1,598.0	2,916.0	7,231.0
Generation - Net (MWHR)	241.0	9,622.0	488.0	7,177.0	92,772.0	93,602.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	241.0	9,622.0	488.0	7,177.0	92,772.0	93,602.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	141,733	414,558	392,655	673,673	4,150,436	4,250,738
Fuel Handling	-	-	-	-	-	-
Operations	6,658	22,005	49,513	46,116	285,842	295,553
Maintenance	215,759	274,379	760,034	606,824	1,578,062	1,412,736
Total	364,150	710,943	1,202,202	1,326,612	6,014,339	5,959,027
Quantity of Fuel Burned						
Natural Gas - MCF	5,876	87,249	17,856	101,966	946,184	998,151
Production Cost per Net KWH						
Generated	151.100	7.389	246.353	18.484	6.483	6.366
Fuel	58.810	4.308	80.462	9.387	4.474	4.541
Operation	2.763	0.229	10.146	0.643	0.308	0.316
Maintenance	89.527	2.852	155.745	8.455	1.701	1.509
% of Total BTU Burned						
Gas	100.00%	85.93%	100.00%	83.32%	75.53%	48.61%
Oil	-	14.07%	-	16.68%	24.47%	51.39%
BTU Per Net KWH Generation						
Gas	25,248.963	8,051.092	37,750.000	12,229.915	7,944.861	5,338.716
Oil	-	1,318.478	-	2,447.945	2,574.391	5,642.962

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	2,329.219	535.138	2,131.443	767.508	563.106	850.633

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	277.0	-	1,690.0	142.0	7,503.0	7,164.0
Station Use (MWHR)	1.0	-	2.0	1.0	4.0	3.0
Generation - Net (MWHR)	276.0	-	1,688.0	141.0	7,499.0	7,161.0
Energy Input for Pumping (MWHR)	<u> </u>	-	<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	276.0	-	1,688.0	141.0	7,499.0	7,161.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	116,785	107,654	503,621	409,812	1,602,309	1,538,447
Fuel Handling	-	-	-	-	-	-
Operations	5,811	1,272	19,742	8,752	89,144	63,891
Maintenance	62,468	7,696	185,693	162,246	588,006	557,115
Total	185,065	116,621	709,056	580,809	2,279,459	2,159,453
Quantity of Fuel Burned						
Natural Gas - MCF	3,333	-	22,139	3,025	99,589	92,584
Production Cost per Net KWH						
Generated	67.052		42.006	411.922		
Fuel	42.313	-	29.835	290.647	21.367	
Operation	2.106	-	1.170	6.207	1.189	0.892
Maintenance	22.633	-	11.001	115.068	7.841	7.780
% of Total BTU Burned						
Gas	100.00%	-	100.00%	100.00%	48.11%	37.44%
Oil	-	-	-	-	51.89%	62.56%
BTU Per Net KWH Generation						
Gas	12,467.391	-	13,220.379	21,539.007	6,422.952	5,016.903
Oil	-	-	-	-	6,926.828	8,384.158

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	3,393.929	-	2,256.772	13,493.978	3,326.659	4,282.262

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,894.0	4,282.0	9,639.0	11,289.0	54,939.0	89,044.0
Station Use (MWHR)	156.0	153.0	902.0	769.0	2,002.0	1,833.0
Generation - Net (MWHR)	4,738.0	4,129.0	8,737.0	10,520.0	52,937.0	87,211.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	4,738.0	4,129.0	8,737.0	10,520.0	52,937.0	87,211.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	281,635	393,383	473,399	654,875	3,510,762	4,479,766
Fuel Handling	-	-	-	-	-	-
Operations	24,631	18,519	115,562	104,710	416,024	476,156
Maintenance	571,113	66,271	684,021	205,870	1,201,014	933,739
Total	877,380	478,173	1,272,981	965,455	5,127,800	5,889,661
Quantity of Fuel Burned						
Natural Gas - MCF	51,276	45,720	103,208	119,895	593,021	905,948
Production Cost per Net KWH						
Generated	18.518	11.581	14.570	9.177	9.687	6.753
Fuel	5.944	9.527	5.418	6.225	6.632	5.137
Operation	0.520	0.449	1.323	0.995	0.786	0.546
Maintenance	12.054	1.605	7.829	1.957	2.269	1.071
% of Total BTU Burned						
Gas	100.00%	100.00%	96.22%	90.89%	85.52%	62.02%
Oil	-	-	3.78%	9.11%	14.48%	37.98%
BTU Per Net KWH Generation						
Gas	11,088.856	11,326.229	11,636.811	10,626.917	9,816.234	6,648.139
Oil	-	-	457.730	1,065.669	1,661.862	4,070.612

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	536.050	841.174	465.619	585.781	675.612	772.652

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Apr Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,154.0	-	1,155.0	-	34,195.0	18,407.0
Station Use (MWHR)	2.0	5.0	8.0	7.0	24.0	17.0
Generation - Net (MWHR)	1,152.0	(5.0)	1,147.0	(7.0)	34,171.0	18,390.0
Energy Input for Pumping (MWHR)		-	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	1,152.0	(5.0)	1,147.0	(7.0)	34,171.0	18,390.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	229,355	208,209	444,566	462,092	2,875,331	2,468,630
Fuel Handling	-	-	-	-	-	-
Operations	16,350	535	46,392	6,155	115,658	36,147
Maintenance	54,981	17,868	140,327	257,803	846,728	878,728
Total	300,686	226,613	631,284	726,049	3,837,717	3,383,505
Quantity of Fuel Burned						
Natural Gas - MCF	11,154	13	11,159	37	407,191	226,109
Production Cost per Net KWH						
Generated	26.101	(4,532.257)	55.038	(10,372.130)	11.231	18.399
Fuel	19.909	(4,164.189)	38.759	(6,601.312)	8.415	13.424
Operation	1.419	(10.702)	4.045	(87.921)	0.338	0.197
Maintenance	4.773	(357.367)	12.234	(3,682.897)	2.478	4.778
% of Total BTU Burned						
Gas	100.00%	-	99.96%	-	14.20%	57.73%
Oil	-	100.00%	0.04%	100.00%	85.80%	42.27%
BTU Per Net KWH Generation						
Gas	9,911.458	-	9,956.408	-	1,733.571	7,352.003
Oil	-	(2,600.000)	3.487	(5,285.714)	10,471.778	5,383.397

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	2,008.717	-	3,892.868		- 4,853.874	1,825.865

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Apr Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-	-		-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,676,991.7	3,976,100.1	18,255,947.1	18,768,031.5	43,558,668.5	44,139,156.7
Station Use (MWHR)	196,590.0	204,700.5	982,908.1	991,395.1	2,385,198.7	2,384,119.5
Generation - Net (MWHR)	3,480,401.8	3,771,399.6	17,273,039.0	17,776,636.4	41,173,469.8	41,755,037.3
Energy Input for Pumping (MWHR)	51,273.0	22,695.0	139,202.0	152,015.0	509,959.0	554,643.0
Generation Less Pumping Energy (MWHR)	3,429,128.8	3,748,704.6	17,133,837.0	17,624,621.4	40,663,510.8	41,200,394.3
Total Production Cost						
Fuel - Coal	49,749,251	57,604,805	258,436,646	284,137,057	645,721,154	654,938,501
Fuel - Natural Gas	3,417,963	1,453,726	7,871,251	5,962,869	24,008,254	23,088,393
Fuel - Oil	348,226	197,908	1,026,954	908,950	2,299,355	2,697,805
Fuel Handling	632,293	440,515	3,418,172	1,705,329	11,171,007	6,166,779
Nuclear	8,250,173	8,379,764	39,929,535	40,254,517	75,296,246	98,257,809
Operations	12,510,619	7,868,523	57,487,285	53,290,131	138,911,909	127,611,320
Maintenance	15,556,243	10,166,876	60,414,525	49,257,509	166,894,222	130,206,793
Total	90,464,768	86,112,117	428,584,369	435,516,362	1,064,302,147	1,042,967,401
Quantity of Fuel Burned						
Coal - Tons	1,433,357	1,546,094	7,175,300	7,554,324	17,596,293	17,156,750
Nuclear - MMBTU	9,046,704	9,045,836	43,947,532	43,425,428	83,879,276	105,680,558
Natural Gas - MCF	1,693,322	346,292	2,645,063	1,349,141	9,361,710	8,570,901
Oil - Gallons	227,852	124,152	726,653	584,182	1,560,534	1,915,968
Production Cost per Net KWH						
Generated	2.599	2.283	2.481	2.450	2.585	2.498
Fuel	1.538	1.571	1.548	1.637	1.632	1.630
Fuel Handling	0.018	0.012	0.020	0.010	0.027	0.015
Nuclear Fuel Burned	0.237	0.222	0.231	0.226	0.183	0.235
Operation	0.359	0.209	0.333	0.300	0.337	0.306
Maintenance	0.447	0.270	0.350	0.277	0.405	0.312

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: May

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	71.76%	74.66%	73.55%	75.00%	77.58%	73.15%
Nuclear	25.62%	24.74%	25.53%	24.46%	21.12%	25.64%
Gas	1.89%	0.56%	0.73%	0.47%	0.87%	0.71%
Oil	0.73%	0.05%	0.19%	0.06%	0.44%	0.51%
BTU Per Net KWH Generation						
Coal	7,279.994	7,238.678	7,330.154	7,490.400	7,483.057	7,221.100
Nuclear	2,599.327	2,398.536	2,544.285	2,442.837	2,037.217	2,530.965
Gas	191.933	53.870	72.741	47.015	83.622	69.619
Oil	73.716	4.445	19.190	6.431	42.303	50.125
BTU Per Pound of Coal	8,838	8,829	8,823	8,813	8,755	8,787
Cost Per MMBTU Burned						
Coal	198.843	212.621	206.813	214.670	213.205	219.259
Nuclear	91.195	92.637	90.857	92.698	89.767	92.976
Natural Gas	511.669	715.536	626.460	713.462	697.304	794.251
Cost Per Ton of Coal Burned						
Coal	34.708	37.258	36.018	37.613	36.696	38.174
Coal Handling	0.358	0.195	0.389	0.150	0.551	0.280
Total	35.067	37.454	36.406	37.762	37.247	38.454

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	934,077.0	946,700.0	4,625,391.0	4,589,811.0	8,750,854.0	11,076,089.0
Station Use (MWHR)	40,205.0	40,391.0	194,275.0	195,226.0	410,196.0	472,240.0
Generation - Net (MWHR)	893,872.0	906,309.0	4,431,116.0	4,394,585.0	8,340,658.0	10,603,849.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	893,872.0	906,309.0	4,431,116.0	4,394,585.0	8,340,658.0	10,603,849.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	8,250,173	8,379,764	39,929,535	40,254,517	75,296,246	98,257,809
Operations	5,961,402	3,082,776	32,193,870	28,846,089	78,285,231	69,422,233
Maintenance	3,760,326	3,047,167	19,046,294	15,485,590	70,985,571	42,159,604
Total	17,971,902	14,509,707	91,169,699	84,586,196	224,567,048	209,839,647
Quantity of Fuel Burned						
Nuclear - MMBTU	9,046,704	9,045,836	43,947,532	43,425,428	83,879,276	105,680,558
Production Cost per Net KWH						
Generated	2.011	1.601	2.057	1.925	2.692	1.979
Nuclear Fuel Burned	0.923	0.925	0.901	0.916	0.903	0.927
Operation	0.667	0.340	0.727	0.656	0.939	0.655
Maintenance	0.421	0.336	0.430	0.352	0.851	0.398
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,120.804	9,980.962	9,917.938	9,881.577	10,056.674	9,966.245

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	91.195	92.637	90.857	92.698	89.767	92.976

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	60.0	60.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	60.0	60.0	144.0	144.0
Energy Input for Pumping (MWHR)		<u>-</u>	-		<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	60.0	60.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	232,741.0	28,996.0	539,642.0	344,623.0	1,439,168.0	1,631,178.0
Station Use (MWHR)	22,016.0	4,519.0	70,785.0	42,472.0	188,663.0	162,228.0
Generation - Net (MWHR)	210,725.0	24,477.0	468,857.0	302,151.0	1,250,505.0	1,468,950.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	210,725.0	24,477.0	468,857.0	302,151.0	1,250,505.0	1,468,950.0
Total Production Cost						
Fuel - Coal	4,846,612	668,406	11,398,473	7,730,415	31,681,613	38,113,990
Fuel - Natural Gas	282,126	5,627	817,973	282,611	2,057,754	1,350,746
Fuel Handling	66,771	77,199	335,496	597,237	987,285	1,494,087
Operations	881,055	637,384	3,418,232	3,662,104	8,433,417	8,887,636
Maintenance	788,225	1,533,731	4,231,929	5,142,585	9,910,692	10,892,160
Total	6,864,790	2,922,347	20,202,103	17,414,951	53,070,761	60,738,620
Quantity of Fuel Burned						
Coal - Tons	149,958	17,830	336,219	206,041	872,042	1,015,605
Natural Gas - MCF	92,460	1,604	197,813	85,969	575,634	423,018
Oil - Gallons	3,807	1,860	16,866	16,196	44,947	49,990
Production Cost per Net KWH						
Generated	3.258	11.939	4.309	5.764	4.244	4.135
Fuel	2.434	2.754	2.606	2.652	2.698	2.687
Fuel Handling	0.032	0.315	0.072	0.198	0.079	0.102
Operation	0.418	2.604	0.729	1.212	0.674	0.605
Maintenance	0.374	6.266	0.903	1.702	0.793	0.741
% of Total BTU Burned						
Coal	96.53%	99.47%	96.66%	97.55%	96.24%	97.57%
Gas	3.47%	0.53%	3.34%	2.45%	3.76%	2.43%
Oil	-	-	-	-	-	-

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	12,502.788	12,584.224	12,537.636	11,767.237	12,104.281	11,905.202
Gas	449.206	67.247	433.823	295.544	472.597	296.044
BTU Per Pound of Coal	8,785	8,638	8,742	8,628	8,679	8,610
Cost Per MMBTU Burned						
Coal	186.491	242.061	199.613	234.220	215.829	226.485
Natural Gas	298.044	341.837	402.148	316.477	348.190	310.606
Cost Per Ton of Coal Burned						
Coal	32.320	37.488	33.902	37.519	36.330	37.528
Coal Handling	0.442	4.140	0.990	2.825	1.107	1.438
Total	32.762	41.627	34.892	40.344	37.437	38.966

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	479,394.0	571,124.0	2,538,365.0	2,645,681.0	5,302,019.0	5,213,503.0
Station Use (MWHR)	35,319.0	43,316.0	189,993.0	203,649.0		
Generation - Net (MWHR)	444,075.0	527,808.0	2,348,372.0	2,442,032.0	4,884,432.0	
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	444,075.0	527,808.0	2,348,372.0	2,442,032.0	4,884,432.0	4,773,592.0
Total Production Cost						
Fuel - Coal	9,443,423	11,621,425	50,713,471	56,772,721	99,234,267	105,839,993
Fuel - Oil	13,092	2,535	133,001	78,206	360,807	382,644
Fuel Handling	218,270	222,123	1,086,080	767,471	2,642,949	2,218,990
Operations	1,149,812	988,891	4,350,378	4,681,332	10,326,941	11,000,785
Maintenance	2,041,217	1,336,333	8,278,099	7,831,833	25,362,059	22,033,610
Total	12,865,814	14,171,306	64,561,028	70,131,562	137,927,023	141,476,023
Quantity of Fuel Burned						
Coal - Tons	267,165	314,547	1,426,862	1,519,474	2,729,277	2,796,684
Oil - Gallons	6,689	1,595	72,419	47,036	197,852	234,851
Production Cost per Net KWH						
Generated	2.897	2.685	2.749	2.872	2.824	2.964
Fuel	2.129	2.202	2.165	2.328	2.039	2.225
Fuel Handling	0.049	0.042	0.046	0.031	0.054	0.046
Operation	0.259	0.187	0.185	0.192	0.211	0.230
Maintenance	0.460	0.253	0.353	0.321	0.519	0.462
% of Total BTU Burned						
Coal	99.98%	100.00%	99.96%	99.98%	99.95%	99.94%
Oil	0.02%	0.00%	0.04%	0.02%	0.05%	0.06%
BTU Per Net KWH Generation						
Coal	11,230.558	11,035.061	11,267.597	11,487.997	10,214.133	10,797.257

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	2.064	0.414	4.225	2.639	5.549	6.740
BTU Per Pound of Coal	9,334	9,258	9,272	9,232	9,140	9,215
Cost Per MMBTU Burned Coal	193.729	203.344	195.762	205.105	204.203	209.654
Cost Per Ton of Coal Burned						
Coal	35.347	36.947	35.542	37.363	36.359	37.845
Coal Handling	0.730	0.636	0.693	0.467	0.897	0.749
Total	36.077	37.583	36.235	37.830	37.256	38.594

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,447,194.0	1,454,617.0	7,265,201.0	6,636,251.0	17,619,187.0	16,497,731.0
Station Use (MWHR)	72,939.0	72,786.0	360,933.0	329,256.0	875,519.0	828,401.0
Generation - Net (MWHR)	1,374,255.0	1,381,831.0	6,904,268.0	6,306,995.0	16,743,668.0	15,669,330.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	1,374,255.0	1,381,831.0	6,904,268.0	6,306,995.0	16,743,668.0	15,669,330.0
Total Production Cost						
Fuel - Coal	27,913,410	30,900,666	145,559,318	140,932,233	354,826,336	346,312,748
Fuel - Oil	147,815	107,243	539,367	614,953	1,218,673	1,590,539
Fuel Handling	277,187	136,405	1,543,751	577,119	5,637,489	1,661,798
Operations	2,060,732	1,427,624	7,802,957	7,305,101	18,455,905	17,061,313
Maintenance	2,608,220	1,938,313	11,489,896	10,213,189	26,370,916	24,940,801
Total	33,007,364	34,510,251	166,935,289	159,642,593	406,509,319	391,567,198
Quantity of Fuel Burned						
Coal - Tons	813,798	818,694	4,031,057	3,704,636	9,590,661	8,980,658
Oil - Gallons	74,011	65,615	279,561	374,048	675,483	993,690
Production Cost per Net KWH						
Generated	2.402	2.497	2.418	2.531	2.428	2.499
Fuel	2.042	2.244	2.116	2.244	2.126	2.220
Fuel Handling	0.020	0.010	0.022	0.009	0.034	0.011
Operation	0.150	0.103	0.113	0.116	0.110	0.109
Maintenance	0.190	0.140	0.166	0.162	0.157	0.159
% of Total BTU Burned						
Coal	99.93%	99.94%	99.95%	99.92%	99.95%	99.91%
Oil	0.07%	0.06%	0.05%	0.08%	0.05%	0.09%
BTU Per Net KWH Generation						
Coal	10,450.086	10,421.902	10,291.267	10,329.222	10,072.395	10,071.712

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	7.215	6.505	5.515	8.125	5.514	8.688
BTU Per Pound of Coal	8,823	8,795	8,813	8,793	8,792	8,786
Cost Per MMBTU Burned Coal	196.299	215.516	207.031	217.218	213.736	220.492
Cost Per Ton of Coal Burned	130.233	213.310	207.001	217.210	210.730	220.432
Coal	34.300	37.744	36.109	38.042	36.997	38.562
		_				
Coal Handling	0.239	0.068	0.280	0.053	0.485	0.081
Total	34.539	37.812	36.390	38.095	37.482	38.643

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	362,601.0	700,340.0	2,495,161.0	3,680,333.0	8,142,334.0	7,461,398.0
Station Use (MWHR)	23,130.0	41,212.0	150,750.0	203,651.0	459,671.0	440,191.0
Generation - Net (MWHR)	339,471.0	659,128.0	2,344,411.0	3,476,682.0	7,682,663.0	7,021,207.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	339,471.0	659,128.0	2,344,411.0	3,476,682.0	7,682,663.0	7,021,207.0
Total Production Cost						
Fuel - Coal	7,545,805	14,414,309	50,765,385	78,701,688	159,978,939	164,671,770
Fuel - Oil	187,319	88,130	354,586	215,792	719,874	724,623
Fuel Handling	70,065	4,788	452,845	(236,498)	1,903,283	791,904
Operations	1,185,178	878,981	4,964,511	4,778,599	11,303,037	10,683,843
Maintenance	5,198,136	1,197,588	11,430,985	5,559,200	19,509,262	16,027,105
Total	14,186,504	16,583,796	67,968,312	89,018,782	193,414,395	192,899,245
Quantity of Fuel Burned						
Coal - Tons	202,436	395,023	1,381,162	2,124,173	4,404,313	4,363,803
Oil - Gallons	88,760	55,082	180,118	133,471	398,960	471,235
Production Cost per Net KWH						
Generated	4.179	2.516	2.899	2.560	2.518	2.747
Fuel	2.278	2.200	2.181	2.270	2.092	2.356
Fuel Handling	0.021	0.001	0.019	(0.007)	0.025	0.011
Operation	0.349	0.133	0.212	0.137	0.147	0.152
Maintenance	1.531	0.182	0.488	0.160	0.254	0.228
% of Total BTU Burned						
Coal	99.64%	99.89%	99.89%	99.95%	99.93%	99.91%
Oil	0.36%	0.11%	0.11%	0.05%	0.07%	0.09%
BTU Per Net KWH Generation						
Coal	9,881.137	10,265.414	9,905.044	10,469.240	9,687.771	10,634.992

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	35.821	11.448	10.525	5.259	7.114	9.195
BTU Per Pound of Coal	8,285	8,564	8,407	8,568	8,449	8,556
Cost Per MMBTU Burned Coal	227.044	213.104	220.564	215.574	217.502	221.592
Cost Per Ton of Coal Burned						
Coal	37.275	36.490	36.756	37.051	36.323	37.736
Coal Handling	0.287	(0.070)	0.245	(0.168)	0.370	0.120
Total	37.562	36.420	37.000	36.883	36.693	37.856

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	42,198.0	168,138.0	182,913.0	286,264.0	529,637.0	541,669.0
Station Use (MWHR)	593.0	296.0	3,455.0	3,252.0	8,281.0	7,683.0
Generation - Net (MWHR)	41,605.0	167,842.0	179,458.0	283,012.0	521,356.0	533,986.0
Energy Input for Pumping (MWHR)			<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	41,605.0	167,842.0	179,458.0	283,012.0	521,356.0	533,986.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	581,108	136,647	1,265,398	639,127	3,223,983	2,147,619
Maintenance	145,205	171,383	697,662	954,343	2,751,725	3,093,933
Total	726,312	308,031	1,963,060	1,593,470	5,975,707	5,241,552
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.746	0.184	1.094	0.563	1.146	0.982
Operation	1.397	0.081	0.705	0.226	0.618	0.402
Maintenance	0.349	0.102	0.389	0.337	0.528	0.579
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	39,032.0	17,167.0	100,120.0	110,668.0	367,384.0	397,821.0
Station Use (MWHR)	194.0	99.0	1,254.0	1,129.0	2,891.0	2,780.0
Generation - Net (MWHR)	38,838.0	17,068.0	98,866.0	109,539.0	364,493.0	395,041.0
Energy Input for Pumping (MWHR)	51,273.0	22,695.0	139,202.0	152,015.0	509,959.0	554,643.0
Generation Less Pumping Energy (MWHR)	(12,435.0)	(5,627.0)	(40,336.0)	(42,476.0)	(145,466.0)	(159,602.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	110,900	177,246	745,485	797,541	1,936,694	2,003,202
Maintenance	266,486	218,433	597,636	598,167	1,297,960	1,385,855
Total	377,385	395,679	1,343,120	1,395,708	3,234,655	3,389,057
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.972	2.318	1.359	1.274	0.887	0.858
Operation	0.286	1.038	0.754	0.728	0.531	0.507
Maintenance	0.686	1.280	0.604	0.546	0.356	0.351
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	67,660.0	70,089.0	390,404.0	403,124.0	1,010,701.0	914,972.0
Station Use (MWHR)	368.0	479.0	2,377.0	2,514.0	6,076.0	5,752.0
Generation - Net (MWHR)	67,292.0	69,610.0	388,027.0	400,610.0	1,004,625.0	909,220.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	67,292.0	69,610.0	388,027.0	400,610.0	1,004,625.0	909,220.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	260,662	246,629	1,331,788	1,196,762	3,266,319	2,791,656
Maintenance	56,412	81,448	296,370	384,204	1,016,538	1,118,441
Total	317,074	328,077	1,628,158	1,580,966	4,282,857	3,910,097
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.471	0.471	0.420	0.395	0.426	0.430
Operation	0.387	0.354	0.343	0.299	0.325	0.307
Maintenance	0.084	0.117	0.076	0.096	0.101	0.123
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,935.8	4,684.2	29,232.4	33,165.7	43,633.8	69,585.8
Station Use (MWHR)	1,139.0	822.5	4,647.1	5,593.1	7,314.7	11,998.5
Generation - Net (MWHR)	5,796.8	3,861.7	24,585.3	27,572.6	36,319.1	57,587.4
Energy Input for Pumping (MWHR)		_	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	5,796.8	3,861.7	24,585.3	27,572.6	36,319.1	57,587.4
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	249,218	185,111	1,027,827	1,263,276	1,583,778	2,570,828
Fuel Handling	-	-	-	-	-	-
Operations	26,152	30,102	147,501	188,857	343,844	358,298
Maintenance	(212,851)	119,417	642,484	506,434	1,737,956	1,636,484
Total	62,519	334,630	1,817,811	1,958,567	3,665,578	4,565,609
Quantity of Fuel Burned						
Natural Gas - MCF	74,393	55,756	306,814	380,504	473,008	799,154
Production Cost per Net KWH						
Generated	1.079	8.665	7.394	7.103	10.093	7.928
Fuel	4.299	4.794	4.181	4.582	4.361	4.464
Operation	0.451	0.780	0.600	0.685	0.947	0.622
Maintenance	(3.672)	3.092	2.613	1.837	4.785	2.842
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	12,833.416	14,438.365	12,479.561	13,800.084	13,023.657	13,877.242

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	335.002	332.003	335.000	332.001	334.831	321.694

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Run Date: 07/24/19 08:18:49 AM

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	790.9	389.9	2,030.7	1,957.8	6,066.7	6,294.9
Generation - Net (MWHR)	790.9	389.9	2,030.7	1,957.8	6,066.7	6,294.9
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	790.9	389.9	2,030.7	1,957.8	6,066.7	6,294.9
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	1,512	2,868	3,603	7,468	33,987
Maintenance	14,384	-	22,168	-	22,168	7,877
Total	14,384	1,512	25,036	3,603	29,636	41,864
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.819	0.388	1.233	0.184	0.488	0.665
Operation	-	0.388	0.141	0.184	0.123	0.540
Maintenance	1.819	-	1.092	-	0.365	0.125
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,200	13,375	35,675	20,185	83,039	49,627
Fuel Handling	-	-	-	-	-	-
Operations	80,805	124,230	449,022	625,380	1,232,937	1,308,151
Maintenance	126,641	2,460	421,905	43,555	1,060,984	647,986
Total	214,646	140,066	906,602	689,121	2,376,960	2,005,763
Quantity of Fuel Burned						
Natural Gas - MCF	819,484	147,421	1,183,846	491,742	4,503,621	3,944,531
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	7,919.0	219.0	10,537.0	1,382.0	73,194.0	77,616.0
Generation - Net (MWHR)	7,919.0	219.0	10,537.0	1,382.0	73,194.0	77,616.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	7,919.0	219.0	10,537.0	1,382.0	73,194.0	77,616.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	338,353	71,165	761,615	345,087	3,466,583	3,147,882
Fuel Handling	-	-	-	-	-	-
Operations	68,466	46,109	271,542	209,876	619,803	568,167
Maintenance	45,829	78,182	282,048	422,997	685,258	1,016,526
Total	452,649	195,456	1,315,205	977,960	4,771,645	4,732,575
Quantity of Fuel Burned						
Natural Gas - MCF	89,971	2,359	116,761	14,348	812,166	753,539
Production Cost per Net KWH						
Generated	5.716	89.249	12.482	70.764	6.519	6.097
Fuel	4.273	32.495	7.228	24.970	4.736	4.056
Operation	0.865	21.055	2.577	15.186	0.847	0.732
Maintenance	0.579	35.700	2.677	30.608	0.936	1.310
% of Total BTU Burned						
Gas	65.84%	100.00%	73.65%	66.60%	46.11%	27.32%
Oil	34.16%	-	26.35%	33.40%	53.89%	72.68%
BTU Per Net KWH Generation						
Gas	7,672.785	11,086.758	8,362.322	7,138.929	5,259.421	2,728.350
Oil	3,981.212	-	2,992.048	3,580.318	6,147.443	7,257.310

Cost Per MMBTU Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas	556.861	2,931.006	864.354	3,497.741	900.509	1,486.508

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			. <u>-</u>
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Operations			-	41		4,172
Maintenance		- 415	-	415		4,201
Total		- 415	-	457		8,373
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	· -		-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	617.0	178.0	1,748.0	627.0	2,861.0	1,669.0
Generation - Net (MWHR)	617.0	178.0	1,748.0	627.0	2,861.0	1,669.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	617.0	178.0	1,748.0	627.0	2,861.0	1,669.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	26,175	8,064	148,812	26,474	194,605	143,427
Fuel Handling	-	-	-	-	-	-
Operations	4,108	4,052	18,707	13,437	42,852	30,286
Maintenance	4,467	377	22,069	2,522	146,231	161,068
Total	34,750	12,493	189,588	42,433	383,689	334,781
Quantity of Fuel Burned						
Natural Gas - MCF	8,594	2,446	22,710	8,369	37,138	17,508
Oil - Gallons	-	-	13,424	-	13,424	45,143
Production Cost per Net KWH						
Generated	5.632	7.019	10.846	6.768	13.411	20.059
Fuel	4.242	4.530	8.513	4.222	6.802	8.594
Operation	0.666	2.277	1.070	2.143	1.498	1.815
Maintenance	0.724	0.212	1.263	0.402	5.111	9.651
% of Total BTU Burned						
Gas	100.00%	100.00%	92.69%	100.00%	88.16%	71.72%
Oil	-	-	7.31%	-	11.84%	28.28%
BTU Per Net KWH Generation						
Gas	14,235.008	14,112.360	13,339.817	13,762.360	12,301.944	10,375.625
Oil	-	-	1,052.110	-	1,651.949	4,092.132

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	298.020	321.014	638.186	306.802	552.919	828.248

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	762.0	-	1,025.0	189.0
Station Use (MWHR)	29.0	35.0	302.0	253.0	600.0	533.0
Generation - Net (MWHR)	(29.0)	(35.0)	460.0	(253.0)	425.0	(344.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(29.0)	(35.0)	460.0	(253.0)	425.0	(344.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	225,694	-	311,352	61,128
Fuel Handling	-	-	-	-	-	-
Operations	2,543	1,803	14,180	8,949	30,403	24,576
Maintenance	6,221	5,120	24,242	19,191	64,402	54,356
Total	8,764	6,923	264,117	28,140	406,157	140,060
Quantity of Fuel Burned						
Oil - Gallons	-	-	67,162	-	92,652	17,300
Production Cost per Net KWH						
Generated	(30.219)	(19.779)	57.417	(11.123)	95.566	(40.715)
Fuel	-	-	49.064	-	73.259	(17.770)
Operation	(8.769)	(5.150)	3.083	(3.537)	7.154	(7.144)
Maintenance	(21.450)	(14.629)	5.270	(7.585)	15.153	(15.801)
% of Total BTU Burned						
Oil	-	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	20,002.596	-	29,866.645	(6,889.826)

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	5.0	80.0
Generation - Net (MWHR)	-	-	-	-	5.0	
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	-	-	5.0	80.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	451	873	10,711
Fuel Handling	-	-	-	-	-	-
Operations	2,644	5,830	15,279	13,350	34,049	32,071
Maintenance	659	1,995	9,697	13,899	43,612	47,988
Total	3,303	7,825	24,976	27,700	78,534	90,771
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	39	92	1,468
Production Cost per Net KWH						
Generated	-	-	-	-	1,570.670	113.463
Fuel	-	-	-	-	17.456	13.389
Operation	-	-	-	-	680.984	40.089
Maintenance	-	-	-	-	872.230	59.985
% of Total BTU Burned						
Gas	-	-	-	-	100.00%	13.33%
Oil	-	-	-	100.00%	-	86.67%
BTU Per Net KWH Generation						
Gas	-	-	-	-	52,200.000	870.000
Oil	-	-	-	-	-	5,655.000

Cost Per MMBTU Burned

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				-	- 334.406	15,389.411

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	311.0	-	311.0	-	597.0	397.0
Station Use (MWHR)	35.0	34.0	276.0	263.0	461.0	524.0
Generation - Net (MWHR)	276.0	(34.0)	35.0	(263.0)	136.0	(127.0)
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	276.0	(34.0)	35.0	(263.0)	136.0	(127.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	69,492	-	69,492	-	137,428	95,290
Fuel Handling	-	-	-	-	-	-
Operations	2,541	1,893	14,039	8,948	31,715	24,521
Maintenance	7,401	3,604	22,643	24,955	71,105	66,693
Total	79,433	5,497	106,173	33,904	240,248	186,503
Quantity of Fuel Burned						
Oil - Gallons	27,026	-	27,026	-	53,447	37,059
Production Cost per Net KWH						
Generated	28.780	(16.166)	303.352	(12.891)	176.653	(146.853)
Fuel	25.178	-	198.548	-	101.050	(75.031)
Operation	0.921	(5.566)	40.111	(3.402)	23.320	(19.307)
Maintenance	2.681	(10.600)	64.694	(9.489)	52.283	(52.514)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	14,204.844	-	112,015.342	-	57,009.628	(42,330.535)

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	334.0	-	334.0	-	450.0	245.0
Station Use (MWHR)	26.0	36.0	209.0	185.0	439.0	447.0
Generation - Net (MWHR)	308.0	(36.0)	125.0	(185.0)	11.0	(202.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	308.0	(36.0)	125.0	(185.0)	11.0	(202.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	44,251	-	44,251	-	66,236	36,445
Fuel Handling	-	-	-	-	-	-
Operations	2,542	1,547	13,971	8,628	30,531	25,053
Maintenance	29,485	13,052	46,965	21,262	110,218	57,438
Total	76,278	14,599	105,187	29,889	206,986	118,936
Quantity of Fuel Burned						
Oil - Gallons	27,559	-	27,559	-	41,251	22,608
Production Cost per Net KWH						
Generated	24.765	(40.553)	84.150	(16.156)	1,881.688	(58.879)
Fuel	14.367	-	35.401	-	602.146	(18.042)
Operation	0.825	(4.297)	11.177	(4.664)	277.559	(12.403)
Maintenance	9.573	(36.256)	37.572	(11.493)	1,001.983	(28.435)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	12,258.208	-	30,204.226	-	513,757.473	(15,333.149)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	<u>-</u>	483.0	130.0	483.0	468.0
Station Use (MWHR)	26.0	16.0	199.0	131.0	412.0	308.0
Generation - Net (MWHR)	(26.0)	(16.0)	284.0	(1.0)	71.0	160.0
Energy Input for Pumping (MWHR)		<u>-</u>	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(26.0)	(16.0)	284.0	(1.0)	71.0	160.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	69,718	440,836	69,718	526,592
Fuel Handling	-	<u>-</u>	-	-	-	-
Operations	2,596	2,108	14,323	9,870	31,137	26,041
Maintenance	3,729	32,831	28,406	66,520	101,335	107,442
Total	6,325	34,939	112,447	517,226	202,189	660,074
Quantity of Fuel Burned						
Oil - Gallons	-	<u>-</u>	42,518	13,431	42,518	44,092
Production Cost per Net KWH						
Generated	(24.325)	(218.366)	39.594	(51,722.603)	284.773	412.546
Fuel	-	-	24.549	(44,083.642)	98.194	329.120
Operation	(9.985)	(13.174)	5.043	(986.995)	43.854	16.275
Maintenance	(14.341)	(205.192)	10.002	(6,651.966)	142.725	67.151
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	20,678.118	(1,602,896.750)	82,712.471	36,271.533

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		- ·			- -	. <u>.</u>
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,592.0	1,056.0	5,911.0	1,358.0	25,707.0	21,811.0
Generation - Net (MWHR)	2,592.0	1,056.0	5,911.0	1,358.0	25,707.0	21,811.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	_
Generation Less Pumping Energy (MWHR)	2,592.0	1,056.0	5,911.0	1,358.0	25,707.0	21,811.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	171,162	132,554	495,110	293,668	1,883,105	1,619,357
Fuel Handling	-	-	-	-	-	-
Operations	821	938	17,664	5,105	74,960	67,075
Maintenance	41,176	87,477	233,942	245,334	540,724	497,076
Total	213,159	220,969	746,715	544,107	2,498,789	2,183,508
Quantity of Fuel Burned						
Natural Gas - MCF	34,683	13,671	79,450	17,806	337,078	281,666
Production Cost per Net KWH						
Generated	8.224	20.925	12.633	40.067	9.720	10.011
Fuel	6.603	12.552	8.376	21.625	7.325	7.424
Operation	0.032	0.089	0.299	0.376	0.292	0.308
Maintenance	1.589	8.284	3.958	18.066	2.103	2.279
% of Total BTU Burned						
Gas	60.27%	100.00%	78.75%	98.80%	58.02%	30.11%
Oil	39.73%	-	21.25%	1.20%	41.98%	69.89%
BTU Per Net KWH Generation						
Gas	8,285.805	13,377.841	10,883.931	13,375.552	7,816.686	4,032.978
Oil	5,461.494	-	2,936.235	162.003	5,654.819	9,359.943

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	796.963	938.301	769.582	1,616.759	937.131	1,840.947

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	824.0	685.0	824.0	9,876.0	8,647.0
Station Use (MWHR)		158.0	869.0	945.0	2,072.0	2,094.0
Generation - Net (MWHR)	-	666.0	(184.0)	(121.0)	7,804.0	6,553.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	666.0	(184.0)	(121.0)	7,804.0	6,553.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	153,928	63,994	284,786	115,992	912,724	615,346
Fuel Handling	-	-	-	-	-	-
Operations	5,204	6,505	54,158	49,766	145,564	104,202
Maintenance	40,407	87,277	234,541	263,710	517,500	512,812
Total	199,539	157,776	573,485	429,468	1,575,788	1,232,360
Quantity of Fuel Burned						
Natural Gas - MCF	45,694	8,522	55,264	10,928	163,458	107,383
Production Cost per Net KWH						
Generated	-	23.690	(311.677)	(354.932)	20.192	18.806
Fuel	-	9.609	(154.775)	(95.861)	11.696	9.390
Operation	-	0.977	(29.434)	(41.129)	1.865	1.590
Maintenance	-	13.105	(127.468)	(217.942)	6.631	7.826
% of Total BTU Burned						
Gas	100.00%	100.00%	98.03%	77.96%	88.83%	56.41%
Oil	-	-	1.97%	22.04%	11.17%	43.59%
BTU Per Net KWH Generation						
Gas	-	13,198.198	(301,956.522)	(72,644.628)	19,267.813	9,516.796
Oil	-	-	(6,076.087)	(20,537.190)	2,422.731	7,355.324

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	328.654	728.037	512.574	1,319.592	607.002	986.708

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	25,714.0	10,443.0	27,303.0	19,218.0	110,959.0	104,777.0
Station Use (MWHR)	442.0	343.0	1,543.0	1,941.0	3,015.0	7,105.0
Generation - Net (MWHR)	25,272.0	10,100.0	25,760.0	17,277.0	107,944.0	97,672.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	25,272.0	10,100.0	25,760.0	17,277.0	107,944.0	97,672.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	821,406	463,191	1,214,061	1,136,864	4,508,651	4,431,352
Fuel Handling	-	-	-	-	-	-
Operations	56,601	32,085	106,114	78,201	310,357	310,836
Maintenance	139,738	(22,823)	899,772	584,000	1,740,623	1,298,404
Total	1,017,745	472,453	2,219,947	1,799,065	6,559,631	6,040,592
Quantity of Fuel Burned						
Natural Gas - MCF	249,693	102,399	267,549	204,365	1,093,478	1,036,256
Production Cost per Net KWH						
Generated	4.027	4.678	8.618	10.413	6.077	
Fuel	3.250	4.586	4.713	6.580	4.177	4.537
Operation	0.224	0.318	0.412	0.453	0.288	0.318
Maintenance	0.553	(0.226)	3.493	3.380	1.613	1.329
% of Total BTU Burned						
Gas	75.77%	100.00%	77.39%	91.67%	73.29%	51.75%
Oil	24.23%	-	22.61%	8.33%	26.71%	48.25%
BTU Per Net KWH Generation						
Gas	7,676.071	10,443.366	8,245.795	11,185.513	7,648.154	5,656.143
Oil	2,455.141	-	2,408.631	1,016.895	2,787.350	5,273.735

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	423.428	439.136	571.560	588.280	546.124	802.132

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1,690.0	142.0	7,503.0	7,164.0
Station Use (MWHR)		-	2.0	1.0	4.0	3.0
Generation - Net (MWHR)	-	-	1,688.0	141.0	7,499.0	7,161.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	1,688.0	141.0	7,499.0	7,161.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	101,133	92,803	604,754	502,615	1,610,639	1,524,820
Fuel Handling	-	-	-	-	-	-
Operations	577	2,246	20,319	10,998	87,474	63,152
Maintenance	58,457	75,550	244,150	237,795	570,914	593,434
Total	160,167	170,599	869,223	751,408	2,269,027	2,181,406
Quantity of Fuel Burned						
Natural Gas - MCF	166	-	22,305	3,025	99,755	92,584
Production Cost per Net KWH						
Generated	-	-	51.494	532.914		
Fuel	-	-	35.827	356.464		21.293
Operation	-	-	1.204	7.800	1.166	0.882
Maintenance	-	-	14.464	168.649	7.613	8.287
% of Total BTU Burned						
Gas	-	-	99.24%	100.00%	48.03%	37.44%
Oil	100.00%	-	0.76%	-	51.97%	62.56%
BTU Per Net KWH Generation						
Gas	-	-	13,220.379	21,539.007	6,422.952	5,016.903
Oil	-	-	101.303	-	6,949.631	8,384.158

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			2,709.956	16,549.714	3,343.954	4,244.330

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	20,218.0	1,123.0	29,857.0	12,412.0	74,034.0	87,301.0
Station Use (MWHR)	127.0	156.0	1,029.0	925.0	1,973.0	1,902.0
Generation - Net (MWHR)	20,091.0	967.0	28,828.0	11,487.0	72,061.0	85,399.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	20,091.0	967.0	28,828.0	11,487.0	72,061.0	85,399.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	793,827	280,040	1,267,226	934,915	4,024,550	4,460,851
Fuel Handling	-	-	-	-	-	-
Operations	37,684	26,101	153,245	130,811	427,607	473,118
Maintenance	312,578	39,207	996,599	245,078	1,474,384	896,275
Total	1,144,089	345,348	2,417,070	1,310,803	5,926,541	5,830,245
Quantity of Fuel Burned						
Natural Gas - MCF	216,028	12,103	319,236	131,998	796,946	887,676
Production Cost per Net KWH						
Generated	5.695	35.713	8.384	11.411	8.224	6.827
Fuel	3.951	28.960	4.396	8.139	5.585	5.224
Operation	0.188	2.699	0.532	1.139	0.593	0.554
Maintenance	1.556	4.055	3.457	2.134	2.046	1.050
% of Total BTU Burned						
Gas	65.07%	100.00%	75.13%	91.72%	79.76%	62.19%
Oil	34.93%	-	24.87%	8.28%	20.24%	37.81%
BTU Per Net KWH Generation						
Gas	7,168.690	12,853.154	8,522.858	10,814.326	9,037.331	6,672.896
Oil	3,848.532	-	2,820.870	975.958	2,293.819	4,056.105

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	551.169	2,253.114	515.768	752.603	617.983	782.800

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: May Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,651.0	-	7,806.0	-	40,846.0	18,407.0
Station Use (MWHR)	2.0	2.0	10.0	9.0	24.0	19.0
Generation - Net (MWHR)	6,649.0	(2.0)	7,796.0	(9.0)	40,822.0	18,388.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	6,649.0	(2.0)	7,796.0	(9.0)	40,822.0	18,388.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	359,692	137,802	804,257	599,894	3,097,220	2,443,991
Fuel Handling	-	-	-	-	-	-
Operations	20,707	-	67,100	6,155	136,366	34,802
Maintenance	73,697	118,340	214,023	376,143	802,085	930,956
Total	454,096	256,142	1,085,380	982,191	4,035,671	3,409,749
Quantity of Fuel Burned						
Natural Gas - MCF	62,156	11	73,315	48	469,336	226,118
Production Cost per Net KWH						
Generated	6.830	(12,807.117)	13.922	(10,913.238)	9.886	18.543
Fuel	5.410	(6,890.122)	10.316	(6,665.492)	7.587	13.291
Operation	0.311	-	0.861	(68.383)	0.334	0.189
Maintenance	1.108	(5,916.995)	2.745	(4,179.363)	1.965	5.063
% of Total BTU Burned						
Gas	36.21%	-	45.90%	-	17.12%	57.73%
Oil	63.79%	100.00%	54.10%	100.00%	82.88%	42.27%
BTU Per Net KWH Generation						
Gas	3,470.934	-	4,425.121	-	2,016.464	7,352.803
Oil	6,114.116	(5,500.000)	5,215.079	(5,333.333)	9,761.229	5,384.471

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,558.575	-	2,331.299		- 3,762.594	1,807.641

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: May Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-		
Total Production Cost						
Fuel - Coal			-	-		-
Fuel Handling			-	-		. <u>-</u>
Maintenance			-	14,590	· -	14,888
Total			-	14,590		14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-		. <u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,110,390.2	3,765,789.4	22,366,337.3	22,533,820.9	43,903,269.3	44,141,857.3
Station Use (MWHR)	220,704.7	201,455.3	1,203,612.8	1,192,850.4	2,404,448.1	2,377,489.8
Generation - Net (MWHR)	3,889,685.5	3,564,334.1	21,162,724.5	21,340,970.5	41,498,821.2	41,764,367.5
Energy Input for Pumping (MWHR)	76,843.0	62,338.0	216,045.0	214,353.0	524,464.0	610,704.0
Generation Less Pumping Energy (MWHR)	3,812,842.5	3,501,996.1	20,946,679.5	21,126,617.5	40,974,357.2	41,153,663.5
Total Production Cost						
Fuel - Coal	46,868,864	40,544,298	305,305,510	324,681,355	652,045,719	643,771,620
Fuel - Natural Gas	2,594,327	2,529,465	10,465,578	8,492,334	24,073,117	23,200,336
Fuel - Oil	459,561	89,535	1,486,515	998,485	2,669,380	2,468,152
Fuel Handling	854,738	2,851,723	4,272,911	4,557,051	9,174,022	8,328,013
Nuclear	7,808,524	7,420,525	47,738,059	47,675,042	75,684,245	97,602,803
Operations	11,900,574	10,928,794	69,387,860	64,218,925	139,883,689	127,081,317
Maintenance	11,656,744	11,874,914	72,071,270	61,132,423	166,676,052	128,756,190
Total	82,143,332	76,239,254	510,727,702	511,755,616	1,070,206,225	1,031,208,431
Quantity of Fuel Burned						
Coal - Tons	1,374,220	1,080,992	8,549,520	8,635,316	17,889,521	16,899,450
Nuclear - MMBTU	8,754,763	8,008,563	52,702,296	51,433,991	84,625,476	104,934,698
Natural Gas - MCF	1,182,362	1,018,949	3,827,425	2,368,090	9,525,123	8,618,236
Oil - Gallons	225,517	61,893	952,170	646,075	1,724,158	1,723,547
Production Cost per Net KWH						
Generated	2.112	2.139	2.413	2.398	2.579	2.469
Fuel	1.283	1.211	1.499	1.566	1.636	1.603
Fuel Handling	0.022	0.080	0.020	0.021	0.022	0.020
Nuclear Fuel Burned	0.201	0.208	0.226	0.223	0.182	0.234
Operation	0.306	0.307	0.328	0.301	0.337	0.304
Maintenance	0.300	0.333	0.341	0.286	0.402	0.308

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics

Period: Jun Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	71.74%	68.64%	73.25%	74.16%	77.70%	72.98%
Nuclear	26.22%	29.32% 1.01%	25.64%	25.11%		25.79%
Gas	1.60%		0.87%	0.54%		0.73%
Oil	0.44%	1.03%	0.23%	0.19%	0.40%	0.49%
BTU Per Net KWH Generation						
Coal	6,157.062	5,260.778	7,114.541	7,118.012	7,549.643	7,110.593
Nuclear	2,250.764	2,246.861	2,490.336	2,410.106	2,039.226	2,512.541
Gas	137.187	77.161	84.586	52.050	89.198	71.514
Oil	37.768	79.219	22.605	18.588	38.707	48.226
BTU Per Pound of Coal	8,714	8,673	8,805	8,796	8,757	8,786
Cost Per MMBTU Burned						
Coal	199.271	231.431	205.614	216.739	211.049	219.585
Nuclear	89.192	92.657	90.581	92.692	89.434	93.013
Natural Gas	486.179	919.708	584.643	764.528	650.344	776.773
Cost Per Ton of Coal Burned						
Coal	34.106	37.507	35.710	37.599	36.448	38.094
Coal Handling	0.489	2.533	0.405	0.448	0.426	0.412
Total	34.594	40.039	36.115	38.047	36.875	38.506

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	898,250.0	823,872.0	5,523,641.0	5,413,683.0	8,825,232.0	10,994,917.0
Station Use (MWHR)	39,192.8	38,752.0	233,467.8	233,978.0	410,636.8	471,746.0
Generation - Net (MWHR)	859,057.2	785,120.0	5,290,173.2	5,179,705.0	8,414,595.2	10,523,171.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u>-</u>	
Generation Less Pumping Energy (MWHR)	859,057.2	785,120.0	5,290,173.2	5,179,705.0	8,414,595.2	10,523,171.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,808,524	7,420,525	47,738,059	47,675,042	75,684,245	97,602,803
Operations	6,419,745	5,426,111	38,613,615	34,272,201	79,278,864	68,437,663
Maintenance	3,575,365	3,551,513	22,621,658	19,037,102	71,009,423	41,342,131
Total	17,803,634	16,398,149	108,973,332	100,984,345	225,972,533	207,382,597
Quantity of Fuel Burned						
Nuclear - MMBTU	8,754,763	8,008,563	52,702,296	51,433,991	84,625,476	104,934,698
Production Cost per Net KWH						
Generated	2.072	2.089	2.060	1.950	2.685	1.971
Nuclear Fuel Burned	0.909	0.945	0.902	0.920	0.899	0.928
Operation	0.747	0.691	0.730	0.662	0.942	0.650
Maintenance	0.416	0.452	0.428	0.368	0.844	0.393
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,191.130	10,200.432	9,962.301	9,929.907	10,056.987	9,971.775

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	89.192	92.657	90.581	92.692	89.434	93.013

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	72.0	72.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	72.0	72.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-			<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	72.0	72.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	250,121.0	125,746.0	789,763.0	470,369.0	1,563,543.0	1,596,381.0
Station Use (MWHR)	25,103.4	14,287.0	95,888.4	56,759.0	199,479.4	160,882.0
Generation - Net (MWHR)	225,017.6	111,459.0	693,874.6	413,610.0	1,364,063.6	1,435,499.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	225,017.6	111,459.0	693,874.6	413,610.0	1,364,063.6	1,435,499.0
Total Production Cost						
Fuel - Coal	4,135,348	2,807,730	15,533,821	10,538,146	33,009,231	36,007,468
Fuel - Natural Gas	161,720	80,521	979,692	363,132	2,138,952	1,411,706
Fuel Handling	99,785	112,857	435,281	710,094	974,214	1,434,907
Operations	791,323	744,607	4,209,555	4,406,711	8,480,133	8,876,268
Maintenance	950,540	949,163	5,182,470	6,091,747	9,912,070	10,979,221
Total	6,138,716	4,694,878	26,340,819	22,109,829	54,514,599	58,709,570
Quantity of Fuel Burned						
Coal - Tons	137,193	69,651	473,412	275,692	939,584	948,632
Natural Gas - MCF	52,987	25,852	250,800	111,821	602,769	441,093
Oil - Gallons	6,367	5,275	23,233	21,471	46,039	51,210
Production Cost per Net KWH						
Generated	2.728	4.212	3.796	5.346	3.996	4.090
Fuel	1.910	2.591	2.380	2.636	2.577	2.607
Fuel Handling	0.044	0.101	0.063	0.172	0.071	0.100
Operation	0.352	0.668	0.607	1.065	0.622	0.618
Maintenance	0.422	0.852	0.747	1.473	0.727	0.765
% of Total BTU Burned						
Coal	97.84%	97.88%	97.00%	97.63%	96.36%	97.31%
Gas	2.16%	2.12%	3.00%	2.37%	3.64%	2.69%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	10,886.239	11,020.684	12,002.102	11,566.057	11,991.893	11,425.935
Gas	239.901	238.527	370.936	280.179	453.337	315.923
BTU Per Pound of Coal	8,928	8,818	8,796	8,676	8,705	8,645
Cost Per MMBTU Burned						
Coal	172.891	237.764	191.753	235.130	207.752	228.280
Natural Gas	299.581	302.872	380.636	313.356	345.895	311.286
Cost Per Ton of Coal Burned						
Coal	30.143	40.311	32.812	38.224	35.132	37.957
Coal Handling	0.722	1.575	0.912	2.509	1.016	1.477
Total	30.865	41.886	33.725	40.733	36.148	39.434

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	584,777.0	413,706.0	3,123,142.0	3,059,387.0	5,473,090.0	5,187,165.0
Station Use (MWHR)	39,892.6	35,566.0	229,885.6	239,215.0	421,913.6	435,857.0
Generation - Net (MWHR)	544,884.5	378,140.0	2,893,256.5	2,820,172.0	5,051,176.5	4,751,308.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	544,884.5	378,140.0	2,893,256.5	2,820,172.0	5,051,176.5	4,751,308.0
Total Production Cost						
Fuel - Coal	6,128,746	3,435,133	56,842,216	60,207,854	101,927,880	104,071,973
Fuel - Oil	11,215	11,255	144,216	89,460	360,767	369,284
Fuel Handling	211,549	234,727	1,297,629	1,002,198	2,619,771	2,285,950
Operations	777,522	784,562	5,127,900	5,465,894	10,319,901	10,833,046
Maintenance	1,731,291	2,013,595	10,009,391	9,845,428	25,079,755	21,962,278
Total	8,860,323	6,479,272	73,421,352	76,610,834	140,308,074	139,522,532
Quantity of Fuel Burned						
Coal - Tons	175,133	91,423	1,601,995	1,610,897	2,812,987	2,755,936
Oil - Gallons	5,470	7,098	77,889	54,134	196,224	225,149
Production Cost per Net KWH						
Generated	1.626	1.713	2.538	2.717	2.778	2.937
Fuel	1.127	0.911	1.970	2.138	2.025	2.198
Fuel Handling	0.039	0.062	0.045	0.036	0.052	0.048
Operation	0.143	0.207	0.177	0.194	0.204	0.228
Maintenance	0.318	0.532	0.346	0.349	0.497	0.462
% of Total BTU Burned						
Coal	99.98%	99.93%	99.96%	99.97%	99.95%	99.94%
Oil	0.02%	0.07%	0.04%	0.03%	0.05%	0.06%
BTU Per Net KWH Generation						
Coal	5,700.467	3,885.520	10,219.144	10,468.627	10,201.003	10,650.391

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month <u>Activit</u> y	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.375	2.572	3.688	2.630	5.322	6.492
BTU Per Pound of Coal	8,868	8,036	9,228	9,164	9,159	9,181
Cost Per MMBTU Burned						
Coal	204.124	249.774	196.640	207.328	202.899	210.180
Cost Per Ton of Coal Burned						
Coal	34.995	37.574	35.482	37.375	36.235	37.763
Coal Handling	1.091	2.383	0.737	0.576	0.861	0.780
Total	36.086	39.957	36.219	37.951	37.096	38.543

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,385,625.0	1,382,640.0	8,650,826.0	8,018,891.0	17,622,172.0	16,539,881.0
Station Use (MWHR)	71,485.5	70,221.0	432,418.5	399,477.0	876,783.5	829,901.0
Generation - Net (MWHR)	1,314,139.5	1,312,419.0	8,218,407.5	7,619,414.0	16,745,388.5	15,709,980.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,314,139.5	1,312,419.0	8,218,407.5	7,619,414.0	16,745,388.5	15,709,980.0
Total Production Cost						
Fuel - Coal	22,036,387	24,274,270	167,595,705	165,206,503	352,588,453	346,413,745
Fuel - Oil	326,639	41,732	866,006	656,684	1,503,581	1,427,053
Fuel Handling	415,026	1,679,928	1,958,777	2,257,046	4,372,587	3,045,407
Operations	1,555,819	1,352,842	9,358,776	8,657,943	18,658,882	16,974,256
Maintenance	2,511,639	2,531,931	14,001,535	12,745,120	26,350,625	24,036,214
Total	26,845,510	29,880,703	193,780,799	189,523,296	403,474,127	391,896,675
Quantity of Fuel Burned						
Coal - Tons	666,156	646,430	4,697,213	4,351,066	9,610,387	9,006,420
Oil - Gallons	155,008	25,883	434,569	399,931	804,608	886,334
Production Cost per Net KWH						
Generated	2.043	2.277	2.358	2.487	2.409	2.495
Fuel	1.702	1.853	2.050	2.177	2.115	2.214
Fuel Handling	0.032	0.128	0.024	0.030	0.026	0.019
Operation	0.118	0.103	0.114	0.114	0.111	0.108
Maintenance	0.191	0.193	0.170	0.167	0.157	0.153
% of Total BTU Burned						
Coal	99.82%	99.97%	99.93%	99.93%	99.94%	99.92%
Oil	0.18%	0.03%	0.07%	0.07%	0.06%	0.08%
BTU Per Net KWH Generation						
Coal	8,951.504	8,663.956	10,077.036	10,042.385	10,094.816	10,074.918

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	15.955	2.702	7.184	7.191	6.554	7.729
BTU Per Pound of Coal	8,829	8,795	8,816	8,793	8,795	8,787
Cost Per MMBTU Burned Coal	190.856	228.254	204.733	218.858	211.168	220.790
Cost Per Ton of Coal Burned						
Coal	33.080	37.551	35.680	37.969	36.688	38.463
Coal Handling	0.454	2.487	0.305	0.414	0.348	0.235
Total	33.534	40.038	35.985	38.383	37.036	38.698

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	761,927.0	728,046.0	3,257,088.0	4,408,379.0	8,176,215.0	7,478,047.0
Station Use (MWHR)	41,709.0	40,004.0	192,459.0	243,655.0	461,376.0	437,470.0
Generation - Net (MWHR)	720,218.0	688,042.0	3,064,629.0	4,164,724.0	7,714,839.0	7,040,577.0
Energy Input for Pumping (MWHR)		-	-	-	-	_
Generation Less Pumping Energy (MWHR)	720,218.0	688,042.0	3,064,629.0	4,164,724.0	7,714,839.0	7,040,577.0
Total Production Cost						
Fuel - Coal	14,568,383	10,027,165	65,333,768	88,728,853	164,520,156	157,278,434
Fuel - Oil	121,706	36,548	476,292	252,340	805,032	671,815
Fuel Handling	128,378	824,211	581,223	587,713	1,207,450	1,561,748
Operations	1,226,391	922,303	6,190,902	5,700,902	11,607,125	10,719,415
Maintenance	1,664,540	1,490,622	13,095,525	7,049,822	19,683,181	16,385,403
Total	17,709,398	13,300,849	85,677,711	102,319,631	197,822,944	186,616,815
Quantity of Fuel Burned						
Coal - Tons	395,738	273,488	1,776,900	2,397,661	4,526,563	4,188,462
Oil - Gallons	56,313	23,637	236,431	157,108	431,636	431,072
Production Cost per Net KWH						
Generated	2.459	1.933	2.796	2.457	2.564	2.651
Fuel	2.040	1.463	2.147	2.137	2.143	2.243
Fuel Handling	0.018	0.120	0.019	0.014	0.016	0.022
Operation	0.170	0.134	0.202	0.137	0.150	0.152
Maintenance	0.231	0.217	0.427	0.169	0.255	0.233
% of Total BTU Burned						
Coal	99.88%	99.93%	99.89%	99.95%	99.92%	99.92%
Oil	0.12%	0.07%	0.11%	0.05%	0.08%	0.08%
BTU Per Net KWH Generation						
Coal	9,205.294	6,805.989	9,740.596	9,864.045	9,899.739	10,182.042

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	10.712	4.706	10.569	5.168	7.665	8.388
BTU Per Pound of Coal	8,377	8,561	8,400	8,567	8,436	8,558
Cost Per MMBTU Burned Coal	221.677	231.728	220.811	217.416	216.992	221.573
Cost Per Ton of Coal Burned						
Coal	36.813	36.664	36.768	37.006	36.345	37.550
Coal Handling	0.199	2.935	0.235	0.186	0.200	0.309
Total	37.012	39.599	37.003	37.193	36.545	37.860

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	33,907.0	119,927.0	216,820.0	406,191.0	443,617.0	604,898.0
Station Use (MWHR)	562.3	300.0	4,017.3	3,552.0	8,543.3	7,642.0
Generation - Net (MWHR)	33,344.7	119,627.0	212,802.7	402,639.0	435,073.7	597,256.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	33,344.7	119,627.0	212,802.7	402,639.0	435,073.7	597,256.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	478,324	924,735	1,743,722	1,563,861	2,777,571	2,737,011
Maintenance	139,049	161,555	836,711	1,115,898	2,729,219	2,897,020
Total	617,373	1,086,290	2,580,433	2,679,760	5,506,791	5,634,031
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.851	0.908	1.213	0.666	1.266	0.943
Operation	1.434	0.773	0.819	0.388	0.638	0.458
Maintenance	0.417	0.135	0.393	0.277	0.627	0.485
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	54,945.0	44,085.0	155,065.0	154,753.0	378,244.0	415,807.0
Station Use (MWHR)	254.1	202.0	1,508.1	1,331.0	2,943.1	2,849.0
Generation - Net (MWHR)	54,690.9	43,883.0	153,556.9	153,422.0	375,300.9	412,958.0
Energy Input for Pumping (MWHR)	76,843.0	62,338.0	216,045.0	214,353.0	524,464.0	610,704.0
Generation Less Pumping Energy (MWHR)	(22,152.1)	(18,455.0)	(62,488.1)	(60,931.0)	(149,163.1)	(197,746.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	187,739	212,061	933,224	1,009,603	1,912,372	2,039,156
Maintenance	151,435	128,981	749,070	727,147	1,320,414	1,274,712
Total	339,174	341,042	1,682,294	1,736,750	3,232,787	3,313,868
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.620	0.777	1.096	1.132	0.861	0.802
Operation	0.343	0.483	0.608	0.658	0.510	0.494
Maintenance	0.277	0.294	0.488	0.474	0.352	0.309
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	81,762.0	80,728.0	472,166.0	483,852.0	1,011,735.0	921,583.0
Station Use (MWHR)	388.0	497.0	2,765.0	3,011.0	5,967.0	5,775.0
Generation - Net (MWHR)	81,374.0	80,231.0	469,401.0	480,841.0	1,005,768.0	915,808.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	81,374.0	80,231.0	469,401.0	480,841.0	1,005,768.0	915,808.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	252,813	245,666	1,584,600	1,442,429	3,273,465	2,829,957
Maintenance	52,596	63,903	348,966	448,106	1,005,232	1,138,936
Total	305,408	309,569	1,933,566	1,890,535	4,278,697	3,968,893
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.375	0.386	0.412	0.393	0.425	0.433
Operation	0.311	0.306	0.338	0.300	0.325	0.309
Maintenance	0.065	0.080	0.074	0.093	0.100	0.124
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		- ·			- -	. <u>.</u>
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,141.9	5,739.5	35,374.3	38,905.2	44,036.2	70,438.8
Station Use (MWHR)	1,082.1	1,047.3	5,729.2	6,640.4	7,349.4	12,296.8
Generation - Net (MWHR)	5,059.8	4,692.2	29,645.1	32,264.8	36,686.8	58,142.0
Energy Input for Pumping (MWHR)	-	_	-	-	-	-
Generation Less Pumping Energy (MWHR)	5,059.8	4,692.2	29,645.1	32,264.8	36,686.8	58,142.0
Total Production Cost						
Fuel - Coal	-	_	-	-	-	-
Fuel - Natural Gas	250,890	224,359	1,278,718	1,487,635	1,610,310	2,605,029
Fuel Handling	-	-	-	-	-	-
Operations	29,672	28,927	177,172	217,784	344,589	372,805
Maintenance	89,422	261,423	731,905	767,857	1,565,955	1,720,863
Total	369,984	514,709	2,187,795	2,473,275	3,520,853	4,698,697
Quantity of Fuel Burned						
Natural Gas - MCF	75,096	67,212	381,910	447,716	480,892	805,856
Production Cost per Net KWH						
Generated	7.312	10.969	7.380	7.666	9.597	8.081
Fuel	4.958	4.782	4.313	4.611	4.389	4.480
Operation	0.586	0.617	0.598	0.675	0.939	0.641
Maintenance	1.767	5.571	2.469	2.380	4.268	2.960
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	14,841.611	14,324.228	12,882.715	13,876.309	13,108.047	13,860.146

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	334.093	333.807	334.822	332.272	334.859	323.262

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	764.9	600.9	2,795.6	2,558.7	6,230.7	6,051.5
Generation - Net (MWHR)	764.9	600.9	2,795.6	2,558.7	6,230.7	6,051.5
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	764.9	600.9	2,795.6	2,558.7	6,230.7	6,051.5
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	81	54	2,948	3,656	7,495	32,720
Maintenance	2,423	-	24,591	-	24,591	93
Total	2,504	54	27,540	3,656	32,086	32,812
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.327	0.009	0.985	0.143	0.515	0.542
Operation	0.011	0.009	0.105	0.143	0.120	0.541
Maintenance	0.317	-	0.880	-	0.395	0.002
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,800	6,600	43,475	26,785	84,239	50,870
Fuel Handling	-	-	-	-	-	-
Operations	65,768	125,813	514,789	751,193	1,172,892	1,316,286
Maintenance	371,026	272,676	792,931	316,231	1,159,334	788,651
Total	444,594	405,088	1,351,195	1,094,209	2,416,465	2,155,807
Quantity of Fuel Burned						
Natural Gas - MCF	575,652	482,423	1,759,498	974,165	4,596,850	3,965,495
Production Cost per Net KWH						
% of Total BTU Burned Oil	_			_		
Oii	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,762.0	10,921.0	14,299.0	12,303.0	66,035.0	78,403.0
Generation - Net (MWHR)	3,762.0	10,921.0	14,299.0	12,303.0	66,035.0	78,403.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	3,762.0	10,921.0	14,299.0	12,303.0	66,035.0	78,403.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	195,325	438,631	956,941	783,719	3,223,277	3,187,580
Fuel Handling	-	-	-	-	-	-
Operations	37,246	51,787	308,787	261,663	605,262	578,198
Maintenance	51,711	52,551	333,759	475,548	684,418	975,729
Total	284,282	542,969	1,599,487	1,520,930	4,512,957	4,741,507
Quantity of Fuel Burned						
Natural Gas - MCF	43,089	120,182	159,850	134,530	735,073	758,985
Production Cost per Net KWH						
Generated	7.557	4.972	11.186	12.362	6.834	6.048
Fuel	5.192	4.016	6.692	6.370	4.881	4.066
Operation	0.990	0.474	2.160	2.127	0.917	0.737
Maintenance	1.375	0.481	2.334	3.865	1.036	1.245
% of Total BTU Burned						
Gas	83.59%	8.27%	76.32%	14.50%	54.51%	25.30%
Oil	16.41%	91.73%	23.68%	85.50%	45.49%	74.70%
BTU Per Net KWH Generation						
Gas	9,796.114	938.230	8,739.546	1,634.757	6,232.523	2,520.810
Oil	1,923.450	10,408.625	2,710.905	9,641.599	5,202.080	7,443.183

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month	Prior Year Same Month	Current Year Year-to-Date		Current Year 12 Months End	Prior Year 12 Months End
_	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	530.012	4,280.831	765.756	3,896.692	783.176	1,612.829

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-		. <u>-</u>
Total Production Cost						
Fuel - Coal			-	-		-
Fuel Handling			-	·	· -	-
Operations			-	41	-	3,602
Maintenance			-	415	-	4,201
Total			-	457	-	7,803
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	204.0	454.0	1,952.0	1,081.0	2,611.0	2,024.0
Generation - Net (MWHR)	204.0	454.0	1,952.0	1,081.0	2,611.0	2,024.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	204.0	454.0	1,952.0	1,081.0	2,611.0	2,024.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	8,826	19,096	157,639	45,570	184,335	158,957
Fuel Handling	-	-	-	-	-	-
Operations	3,871	3,996	22,578	17,433	42,728	32,041
Maintenance	3,575	1,818	25,644	4,340	147,988	160,578
Total	16,273	24,909	205,861	67,342	375,052	351,576
Quantity of Fuel Burned						
Natural Gas - MCF	2,887	6,164	25,597	14,533	33,861	22,298
Oil - Gallons	-	-	13,424	-	13,424	45,143
Production Cost per Net KWH						
Generated	7.977	5.487	10.546	6.230	14.364	17.370
Fuel	4.327	4.206	8.076	4.216	7.060	7.854
Operation	1.898	0.880	1.157	1.613	1.636	1.583
Maintenance	1.752	0.400	1.314	0.401	5.668	7.934
% of Total BTU Burned						
Gas	100.00%	75.11%	93.46%	89.49%	91.37%	71.08%
Oil	-	24.89%	6.54%	10.51%	8.63%	28.92%
BTU Per Net KWH Generation						
Gas	14,470.588	10,431.044	13,457.992	12,363.269	12,796.694	10,200.895
Oil	-	3,456.622	942.156	1,451.717	1,209.085	4,149.740

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	298.996	403.228	600.071	340.970	551.702	769.892

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	762.0	-	1,025.0	189.0
Station Use (MWHR)	32.0	32.0	334.0	285.0	600.0	524.0
Generation - Net (MWHR)	(32.0)	(32.0)	428.0	(285.0)	425.0	(335.0)
Energy Input for Pumping (MWHR)		_	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(32.0)	(32.0)	428.0	(285.0)	425.0	(335.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	225,694	-	311,352	61,128
Fuel Handling	-	-	-	-	-	-
Operations	2,523	1,895	16,703	10,844	31,031	23,701
Maintenance	5,231	6,834	29,473	26,025	62,799	58,830
Total	7,754	8,729	271,870	36,869	405,182	143,659
Quantity of Fuel Burned						
Oil - Gallons	-	-	67,162	-	92,652	17,300
Production Cost per Net KWH						
Generated	(24.200)	(27.277)	63.527	(12.936)	95.346	(42.883)
Fuel	-	-	52.737	-	73.266	(18.247)
Operation	(7.875)	(5.922)	3.903	(3.805)	7.302	(7.075)
Maintenance	(16.326)	(21.355)	6.887	(9.131)	14.778	(17.561)
% of Total BTU Burned						
Oil	-	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	21,500.126	-	29,869.456	(7,074.925)

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	-	5.0	80.0
Generation - Net (MWHR)	-	-	-	-	5.0	_
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	-	-	5.0	80.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	451	873	10,711
Fuel Handling	-	-	-	-	-	-
Operations	2,523	2,091	17,802	15,441	34,482	30,426
Maintenance	1,492	1,346	11,189	15,245	43,758	43,613
Total	4,015	3,437	28,991	31,136	79,112	84,751
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	39	92	1,468
Production Cost per Net KWH						
Generated	-	-	-	-	1,582.239	105.938
Fuel	-	-	-	-	17.456	13.389
Operation	-	-	-	-	689.632	38.033
Maintenance	-	-	-	-	875.150	54.517
% of Total BTU Burned						
Gas	-	-	-	-	100.00%	13.33%
Oil	-	-	-	100.00%	-	86.67%
BTU Per Net KWH Generation						
Gas	-	-	-	-	52,200.000	870.000
Oil	-	-	-	-	-	5,655.000

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				-	- 334.406	15,389.411

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	23.0	-	334.0	<u>-</u>	620.0	202.0
Station Use (MWHR)	14.0	27.0	290.0	290.0	448.0	502.0
Generation - Net (MWHR)	9.0	(27.0)	44.0	(290.0)	172.0	(300.0)
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	9.0	(27.0)	44.0	(290.0)	172.0	(300.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	6,066	-	75,557	-	143,494	48,986
Fuel Handling	-	<u>-</u>	-	-	-	-
Operations	2,524	2,613	16,563	11,561	31,626	24,364
Maintenance	6,840	4,044	29,483	28,999	73,901	66,328
Total	15,430	6,657	121,603	40,560	249,021	139,678
Quantity of Fuel Burned						
Oil - Gallons	2,359	-	29,385	-	55,806	19,051
Production Cost per Net KWH						
Generated	171.441	(24.654)	276.370	(13.986)	144.779	(46.559)
Fuel	67.396	-	171.721	-	83.426	(16.329)
Operation	28.044	(9.678)	37.643	(3.987)	18.387	(8.121)
Maintenance	76.000	(14.977)	67.006	(10.000)	42.966	(22.109)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	38,023.248	-	96,880.595	-	47,066.969	(9,212.135)

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_					•	

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	334.0	<u>-</u>	450.0	60.0
Station Use (MWHR)	29.0	28.0	238.0	213.0	440.0	447.0
Generation - Net (MWHR)	(29.0)	(28.0)	96.0	(213.0)	10.0	(387.0)
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	(29.0)	(28.0)	96.0	(213.0)	10.0	(387.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	44,251	-	66,236	6,764
Fuel Handling	-	-	-	-	-	-
Operations	2,523	2,403	16,494	11,031	30,651	24,686
Maintenance	9,330	13,959	56,295	35,221	105,589	69,891
Total	11,853	16,362	117,039	46,252	202,476	101,341
Quantity of Fuel Burned						
Oil - Gallons	-	-	27,559	-	41,251	4,196
Production Cost per Net KWH						
Generated	(40.871)	(58.437)	121.916	(21.714)	2,024.759	(26.186)
Fuel	-	-	46.095	-	662.361	(1.748)
Operation	(8.700)	(8.583)	17.181	(5.179)	306.511	(6.379)
Maintenance	(32.171)	(49.854)	58.640	(16.535)	1,055.887	(18.060)
% of Total BTU Burned						
Oil	-	-	100.00%	-	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	39,328.419	-	565,133.220	(1,485.406)

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	483.0	130.0	483.0	468.0
Station Use (MWHR)	29.0	26.0	228.0	157.0	415.0	312.0
Generation - Net (MWHR)	(29.0)	(26.0)	255.0	(27.0)	68.0	156.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	(29.0)	(26.0)	255.0	(27.0)	68.0	156.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	69,718	440,836	69,718	526,592
Fuel Handling	-	-	-	-	-	-
Operations	2,524	2,381	16,847	12,251	31,280	25,651
Maintenance	5,685	40,763	34,091	107,283	66,256	147,329
Total	8,209	43,144	120,656	560,370	167,254	699,572
Quantity of Fuel Burned						
Oil - Gallons	-	-	42,518	13,431	42,518	44,092
Production Cost per Net KWH						
Generated	(28.307)	(165.939)	47.316	(2,075.445)	245.962	448.444
Fuel	-	-	27.340	(1,632.727)	102.526	337.559
Operation	(8.703)	(9.156)	6.607	(45.373)	46.000	16.443
Maintenance	(19.603)	(156.782)	13.369	(397.345)	97.436	94.442
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	23,029.747	(59,366.546)	86,361.551	37,201.572

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,806.0	5,154.0	7,717.0	6,512.0	22,359.0	26,965.0
Generation - Net (MWHR)	1,806.0	5,154.0	7,717.0	6,512.0	22,359.0	26,965.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	1,806.0	5,154.0	7,717.0	6,512.0	22,359.0	26,965.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	159,201	296,932	654,310	590,600	1,745,374	1,811,986
Fuel Handling	-	-	-	-	-	-
Operations	848	4,727	18,512	9,831	71,082	64,830
Maintenance	37,857	29,719	271,799	275,052	548,862	493,786
Total	197,906	331,378	944,621	875,484	2,365,317	2,370,602
Quantity of Fuel Burned						
Natural Gas - MCF	23,474	64,982	102,924	82,788	295,570	346,627
Production Cost per Net KWH						
Generated	10.958	6.430	12.241	13.444	10.579	8.791
Fuel	8.815	5.761	8.479	9.069	7.806	6.720
Operation	0.047	0.092	0.240	0.151	0.318	0.240
Maintenance	2.096	0.577	3.522	4.224	2.455	1.831
% of Total BTU Burned						
Gas	25.03%	67.10%	66.55%	73.92%	53.41%	37.02%
Oil	74.97%	32.90%	33.45%	26.08%	46.59%	62.98%
BTU Per Net KWH Generation						
Gas	3,328.710	8,727.441	9,115.792	9,696.749	7,244.241	4,930.262
Oil	9,971.401	4,279.738	4,582.666	3,421.033	6,320.454	8,388.114

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	2,648.201	660.125	930.124	935.305	1,077.564	1,362.964

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	5,896.0	-	6,581.0	824.0	15,772.0	6,834.0
Station Use (MWHR)	346.0	145.0	1,215.0	1,090.0	2,273.0	2,191.0
Generation - Net (MWHR)	5,550.0	(145.0)	5,366.0	(266.0)	13,499.0	4,643.0
Energy Input for Pumping (MWHR)		-	-	-	-	_
Generation Less Pumping Energy (MWHR)	5,550.0	(145.0)	5,366.0	(266.0)	13,499.0	4,643.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	114,268	46,531	399,054	162,523	980,461	553,032
Fuel Handling	-	-	-	-	-	-
Operations	5,888	11,012	60,046	60,778	140,440	108,761
Maintenance	32,184	32,067	266,725	295,777	517,616	514,523
Total	152,340	89,610	725,825	519,078	1,638,518	1,176,316
Quantity of Fuel Burned						
Natural Gas - MCF	25,642	150	80,906	11,078	188,950	84,896
Production Cost per Net KWH						
Generated	2.745	(61.800)	13.526	(195.142)	12.138	25.335
Fuel	2.059	(32.090)	7.437	(61.099)	7.263	11.911
Operation	0.106	(7.594)	1.119	(22.849)	1.040	2.342
Maintenance	0.580	(22.115)	4.971	(111.194)	3.834	11.082
% of Total BTU Burned						
Gas	35.94%	-	78.38%	76.90%	81.80%	69.77%
Oil	64.06%	100.00%	21.62%	23.10%	18.20%	30.23%
BTU Per Net KWH Generation						
Gas	1,699.574	-	12,111.933	(33,045.113)	11,837.813	13,136.106
Oil	3,028.715	(1,068.966)	3,340.918	(9,924.812)	2,634.370	5,692.884

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,211.415	-	613.999	1,848.954	613.560	906.744

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	19,002.0	14,835.0	46,305.0	34,053.0	115,126.0	99,316.0
Station Use (MWHR)	480.0	185.0	2,023.0	2,126.0	3,310.0	7,104.0
Generation - Net (MWHR)	18,522.0	14,650.0	44,282.0	31,927.0	111,816.0	92,212.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	18,522.0	14,650.0	44,282.0	31,927.0	111,816.0	92,212.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	737,345	577,992	1,951,406	1,714,857	4,668,003	4,317,596
Fuel Handling	-	-	-	-	-	-
Operations	(4,880)	32,581	101,234	110,782	272,896	313,816
Maintenance	109,012	88,500	1,008,784	672,500	1,761,136	1,310,306
Total	841,478	699,074	3,061,425	2,498,139	6,702,035	5,941,718
Quantity of Fuel Burned						
Natural Gas - MCF	156,218	144,816	423,767	349,181	1,104,880	988,891
Production Cost per Net KWH						
Generated	4.543	4.772	6.913	7.825	5.994	6.444
Fuel	3.981	3.945	4.407	5.371	4.175	4.682
Operation	(0.026)	0.222	0.229	0.347	0.244	0.340
Maintenance	0.589	0.604	2.278	2.106	1.575	1.421
% of Total BTU Burned						
Gas	90.61%	41.93%	82.83%	71.06%	80.13%	54.76%
Oil	9.39%	58.07%	17.17%	28.94%	19.87%	45.24%
BTU Per Net KWH Generation						
Gas	9,385.431	4,268.117	8,722.475	8,011.402	8,378.777	6,053.394
Oil	972.576	5,910.040	1,807.966	3,262.160	2,077.607	5,000.742

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	424.159	924.375	505.220	670.442	498.249	773.492

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	712.0	3,197.0	2,402.0	3,339.0	5,018.0	10,190.0
Station Use (MWHR)		-	2.0	1.0	4.0	3.0
Generation - Net (MWHR)	712.0	3,197.0	2,400.0	3,338.0	5,014.0	10,187.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	712.0	3,197.0	2,400.0	3,338.0	5,014.0	10,187.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	137,302	226,944	742,056	729,559	1,520,997	1,638,921
Fuel Handling	-	-	-	-	-	-
Operations	3,705	8,109	24,024	19,107	83,070	67,547
Maintenance	24,144	52,486	268,294	290,281	542,572	572,311
Total	165,151	287,539	1,034,374	1,038,947	2,146,639	2,278,779
Quantity of Fuel Burned						
Natural Gas - MCF	8,470	40,790	30,775	43,815	67,435	130,514
Production Cost per Net KWH						
Generated	23.195	8.994	43.099	31.125	42.813	22.369
Fuel	19.284	7.099	30.919	21.856	30.335	16.088
Operation	0.520	0.254	1.001	0.572	1.657	0.663
Maintenance	3.391	1.642	11.179	8.696	10.821	5.618
% of Total BTU Burned						
Gas	0.14%	22.01%	71.63%	27.40%	57.55%	33.53%
Oil	99.86%	77.99%	28.37%	72.60%	42.45%	66.47%
BTU Per Net KWH Generation						
Gas	17.130	2,814.497	9,303.415	3,605.437	7,814.114	4,409.933
Oil	12,179.499	9,975.306	3,684.501	9,553.940	5,763.070	8,742.516

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,125,739.405	2,522.179	3,323.404	6,062.005	3,882.079	3,648.209

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	16,494.4	6,124.0	46,351.4	18,536.0	84,404.4	83,955.0
Station Use (MWHR)	103.0	134.0	1,132.0	1,059.0	1,942.0	1,967.0
Generation - Net (MWHR)	16,391.4	5,990.0	45,219.4	17,477.0	82,462.4	81,988.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	16,391.4	5,990.0	45,219.4	17,477.0	82,462.4	81,988.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	550,169	460,976	1,817,395	1,395,891	4,113,742	4,422,541
Fuel Handling	-	-	-	-	-	-
Operations	39,086	28,919	192,331	159,729	437,774	459,331
Maintenance	62,336	41,916	1,058,935	286,993	1,494,804	854,921
Total	651,591	531,810	3,068,661	1,842,614	6,046,321	5,736,794
Quantity of Fuel Burned						
Natural Gas - MCF	178,691	66,371	497,927	198,369	909,266	852,553
Production Cost per Net KWH						
Generated	3.975	8.878	6.786	10.543	7.332	6.997
Fuel	3.356	7.696	4.019	7.987	4.989	5.394
Operation	0.238	0.483	0.425	0.914	0.531	0.560
Maintenance	0.380	0.700	2.342	1.642	1.813	1.043
% of Total BTU Burned						
Gas	78.58%	72.71%	76.37%	85.34%	80.04%	65.72%
Oil	21.42%	27.29%	23.63%	14.66%	19.96%	34.28%
BTU Per Net KWH Generation						
Gas	8,761.215	8,304.172	8,609.259	9,954.006	9,035.703	7,058.452
Oil	2,387.985	3,116.863	2,663.955	1,709.724	2,252.751	3,681.608

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	383.103	926.735	466.830	802.392	552.102	764.209

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Jun Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,258.0	2.0	12,064.0	2.0	45,102.0	17,858.0
Station Use (MWHR)	2.0	2.0	12.0	11.0	24.0	21.0
Generation - Net (MWHR)	4,256.0	-	12,052.0	(9.0)	45,078.0	17,837.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	4,256.0	-	12,052.0	(9.0)	45,078.0	17,837.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	265,415	150,882	1,069,672	750,776	3,211,753	2,387,938
Fuel Handling	-	-	-	-	-	-
Operations	10,958	1,166	78,057	7,320	146,157	32,024
Maintenance	68,022	83,552	282,046	459,695	786,555	940,054
Total	344,394	235,599	1,429,774	1,217,791	4,144,466	3,360,016
Quantity of Fuel Burned						
Natural Gas - MCF	40,156	7	113,471	55	509,485	219,560
Production Cost per Net KWH						
Generated	8.092	-	11.863	(13,531.007)	9.194	18.837
Fuel	6.236	-	8.875	(8,341.954)	7.125	13.388
Operation	0.257	-	0.648	(81.335)	0.324	0.180
Maintenance	1.598	-	2.340	(5,107.719)	1.745	5.270
% of Total BTU Burned						
Gas	77.48%	-	57.06%	-	21.87%	58.58%
Oil	22.52%	100.00%	42.94%	100.00%	78.13%	41.42%
BTU Per Net KWH Generation						
Gas	7,478.968	-	5,503.545	-	2,532.202	7,471.857
Oil	2,173.523	-	4,140.995	(6,222.222)	9,044.665	5,282.418

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	833.837	_	1,612.682		- 2,813.709	1,791.731

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Jun

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost						
Fuel - Coal			-	-	-	. <u>-</u>
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Jul Year: 2018

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,440,694.3	4,335,671.4	26,807,031.6	26,869,492.3	44,008,292.1	44,273,480.8
Station Use (MWHR)	235,349.9	227,737.1	1,438,962.8	1,420,587.5	2,412,060.9	2,371,673.9
Generation - Net (MWHR)	4,205,344.3	4,107,934.3	25,368,068.8	25,448,904.8	41,596,231.3	41,901,806.8
Energy Input for Pumping (MWHR)	72,694.0	85,221.0	288,739.0	299,574.0	511,937.0	591,516.0
Generation Less Pumping Energy (MWHR)	4,132,650.3	4,022,713.3	25,079,329.8	25,149,330.8	41,084,294.3	41,310,290.8
Total Production Cost						
Fuel - Coal	61,739,801	65,367,384	367,045,311	390,048,739	648,418,136	642,149,587
Fuel - Natural Gas	3,503,452	4,920,480	13,969,030	13,412,814	22,656,089	24,734,011
Fuel - Oil	298,428	82,841	1,784,943	1,081,326	2,884,967	2,424,003
Fuel Handling	725,658	807,223	4,998,569	5,364,274	9,092,458	8,272,568
Nuclear	8,084,948	8,015,938	55,823,007	55,690,980	75,753,255	97,221,399
Operations	10,710,232	11,105,639	80,098,092	75,324,565	139,488,282	128,244,928
Maintenance _	11,089,083	9,748,890	83,160,352	70,881,313	168,016,245	129,041,915
Total	96,151,602	100,048,395	606,879,303	611,804,011	1,066,309,432	1,032,088,412
Quantity of Fuel Burned						
Coal - Tons	1,824,482	1,754,415	10,374,001	10,389,731	17,959,587	16,926,293
Nuclear - MMBTU	9,046,805	9,045,540	61,749,101	60,479,531	84,626,742	104,951,274
Natural Gas - MCF	1,670,141	2,419,749	5,497,566	4,787,839	8,775,515	9,434,501
Oil - Gallons	42,106	87,456	994,276	733,531	1,678,808	1,685,863
Production Cost per Net KWH						
Generated	2.286	2.435	2.392	2.404	2.563	2.463
Fuel	1.559	1.713	1.509	1.590	1.620	1.597
Fuel Handling	0.017	0.020	0.020	0.021	0.022	0.020
Nuclear Fuel Burned	0.192	0.195	0.220	0.219	0.182	0.232
Operation	0.255	0.270	0.316	0.296	0.335	0.306
Maintenance	0.264	0.237	0.328	0.279	0.404	0.308

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	76.31%	74.77%	73.78%	74.26%	77.85%	72.91%
Nuclear	21.42%	22.12%	24.92%	24.61%	20.92%	25.76%
Gas	1.81%	1.70%	1.03%	0.73%	0.93%	0.78%
Oil	0.46%	1.41%	0.27%	0.40%	0.30%	0.55%
BTU Per Net KWH Generation						
Coal	7,663.247	7,441.554	7,205.501	7,170.238	7,571.803	7,090.466
Nuclear	2,151.264	2,201.968	2,434.127	2,376.508	2,034.481	2,504.696
Gas	181.629	169.051	100.674	70.936	90.656	75.781
Oil	46.285	139.962	26.531	38.180	29.474	53.356
BTU Per Pound of Coal	8,832	8,712	8,810	8,781	8,769	8,776
Cost Per MMBTU Burned						
Coal	193.832	216.473	203.537	216.695	208.761	218.921
Nuclear	89.368	88.618	90.403	92.082	89.515	92.635
Natural Gas	458.679	708.544	546.970	742.992	600.804	778.937
Cost Per Ton of Coal Burned						
Coal	33.840	37.259	35.381	37.542	36.104	37.938
Coal Handling	0.319	0.388	0.390	0.438	0.419	0.408
Total	34.159	37.647	35.771	37.979	36.523	38.346

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	927,811.0	930,375.0	6,451,452.0	6,344,058.0	8,822,668.0	10,996,052.0
Station Use (MWHR)	40,446.2	40,400.0	273,914.0	274,378.0	410,683.0	471,530.0
Generation - Net (MWHR)	887,364.8	889,975.0	6,177,538.0	6,069,680.0	8,411,985.0	10,524,522.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>		<u>-</u>
Generation Less Pumping Energy (MWHR)	887,364.8	889,975.0	6,177,538.0	6,069,680.0	8,411,985.0	10,524,522.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	8,084,948	8,015,938	55,823,007	55,690,980	75,753,255	97,221,399
Operations	5,749,311	5,903,260	44,362,926	40,175,461	79,124,916	69,230,686
Maintenance	3,500,087	3,364,720	26,121,745	22,401,822	71,144,791	41,388,615
Total	17,334,346	17,283,917	126,307,679	118,268,263	226,022,962	207,840,700
Quantity of Fuel Burned						
Nuclear - MMBTU	9,046,805	9,045,540	61,749,101	60,479,531	84,626,742	104,951,274
Production Cost per Net KWH						
Generated	1.953	1.942	2.045	1.949	2.687	1.975
Nuclear Fuel Burned	0.911	0.901	0.904	0.918	0.901	0.924
Operation	0.648	0.663	0.718	0.662	0.941	0.658
Maintenance	0.394	0.378	0.423	0.369	0.846	0.393
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,195.137	10,163.813	9,995.746	9,964.204	10,060.258	9,972.070

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	89.368	88.618	90.403	92.082	89.515	92.635

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

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BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	231,296.0	170,161.0	1,021,059.0	640,530.0	1,624,678.0	1,458,267.0
Station Use (MWHR)	25,177.1	19,755.0	121,065.5	76,514.0	204,901.5	
Generation - Net (MWHR)	206,118.9		899,993.5	564,016.0	1,419,776.5	
Energy Input for Pumping (MWHR)	· -	-	· -	-	-	-
Generation Less Pumping Energy (MWHR)	206,118.9	150,406.0	899,993.5	564,016.0	1,419,776.5	1,302,715.0
Total Production Cost						
Fuel - Coal	3,989,158	3,789,300	19,522,979	14,327,446	33,209,089	33,299,840
Fuel - Natural Gas	325,930	543,508	1,305,622	906,641	1,921,373	1,865,146
Fuel Handling	118,404	119,294	553,685	829,388	973,324	1,453,788
Operations	758,897	853,242	4,968,452	5,259,952	8,385,788	8,886,784
Maintenance	1,056,200	885,848	6,238,670	6,977,595	10,082,422	11,155,522
Total	6,248,588	6,191,192	32,589,408	28,301,021	54,571,996	56,661,079
Quantity of Fuel Burned						
Coal - Tons	133,226	102,026	606,638	377,718	970,784	880,990
Natural Gas - MCF	108,100	163,164	358,900	274,985	547,705	573,475
Oil - Gallons	5,512	3,057	28,745	24,528	48,494	50,439
Production Cost per Net KWH						
Generated	3.032	4.116	3.621	5.018	3.844	4.349
Fuel	2.093	2.881	2.314	2.701	2.474	2.699
Fuel Handling	0.057	0.079	0.062	0.147	0.069	0.112
Operation	0.368	0.567	0.552	0.933	0.591	0.682
Maintenance	0.512	0.589	0.693	1.237	0.710	0.856
% of Total BTU Burned						
Coal	95.57%	91.27%	96.68%	95.84%	96.80%	96.27%
Gas	4.43%	8.73%	3.32%	4.16%	3.20%	3.73%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	11,559.630	11,623.393	11,900.766	11,581.347	11,968.176	11,676.532
Gas	535.924	1,112.442	408.722	502.119	395.504	452.316
BTU Per Pound of Coal	8,942	8,568	8,828	8,647	8,752	8,633
Cost Per MMBTU Burned						
Coal	172.394	223.575	187.446	232.037	201.166	228.474
Natural Gas	295.055	324.836	354.936	320.138	342.169	316.535
Cost Per Ton of Coal Burned						
Coal	29.943	37.141	32.182	37.932	34.209	37.798
Coal Handling	0.885	1.141	0.906	2.140	0.985	1.612
Total	30.827	38.282	33.089	40.071	35.193	39.410

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	587,485.0	473,023.0	3,710,627.0	3,532,410.0	5,587,552.0	5,076,927.0
Station Use (MWHR)	42,398.5	39,790.0	272,284.0	279,005.0	424,522.0	427,486.0
Generation - Net (MWHR)	545,086.6	433,233.0	3,438,343.0	3,253,405.0	5,163,030.0	4,649,441.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	545,086.6	433,233.0	3,438,343.0	3,253,405.0	5,163,030.0	4,649,441.0
Total Production Cost						
Fuel - Coal	11,468,416	9,648,761	68,310,632	69,856,614	103,747,535	101,167,002
Fuel - Oil	10,952	20,987	155,168	110,447	350,732	396,544
Fuel Handling	235,813	220,482	1,533,442	1,222,680	2,635,102	2,206,578
Operations	788,400	875,350	5,916,299	6,341,244	10,232,951	10,844,404
Maintenance	1,779,210	1,157,684	11,788,601	11,003,112	25,701,282	21,772,953
Total	14,282,791	11,923,264	87,704,143	88,534,098	142,667,602	136,387,481
Quantity of Fuel Burned						
Coal - Tons	325,673	257,574	1,927,667	1,868,471	2,881,085	2,689,009
Oil - Gallons	5,288	13,400	83,177	67,534	188,112	242,894
Production Cost per Net KWH						
Generated	2.620	2.752	2.551	2.721	2.763	2.933
Fuel	2.106	2.232	1.991	2.151	2.016	2.184
Fuel Handling	0.043	0.051	0.045	0.038	0.051	0.047
Operation	0.145	0.202	0.172	0.195	0.198	0.233
Maintenance	0.326	0.267	0.343	0.338	0.498	0.468
% of Total BTU Burned						
Coal	99.99%	99.96%	99.97%	99.97%	99.95%	99.93%
Oil	0.01%	0.04%	0.03%	0.03%	0.05%	0.07%
BTU Per Net KWH Generation						
Coal	11,082.984	10,785.061	10,356.090	10,510.764	10,245.109	10,599.353

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.329	4.237	3.314	2.844	4.992	7.157
BTU Per Pound of Coal	9,275	9,070	9,236	9,151	9,180	9,163
Cost Per MMBTU Burned	402.744	211.222	196.148	207.860	201.117	209.763
Coal	193.741	211.222	196.146	207.000	201.117	209.763
Cost Per Ton of Coal Burned						
Coal	35.215	37.460	35.437	37.387	36.010	37.622
Coal Handling	0.660	0.837	0.724	0.612	0.841	0.775
Total	35.875	38.297	36.161	37.999	36.850	38.397

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,618,394.0	1,598,875.0	10,269,220.0	9,617,766.0	17,641,691.0	16,656,091.0
Station Use (MWHR)	79,341.5	78,089.0	511,760.0	477,566.0	878,036.0	832,599.0
Generation - Net (MWHR)	1,539,052.5	1,520,786.0	9,757,460.0	9,140,200.0	16,763,655.0	15,823,492.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,539,052.5	1,520,786.0	9,757,460.0	9,140,200.0	16,763,655.0	15,823,492.0
Total Production Cost						
Fuel - Coal	29,632,183	34,300,717	197,227,888	199,507,219	347,919,919	347,615,333
Fuel - Oil	65,987	61,854	931,993	718,538	1,507,714	1,373,339
Fuel Handling	299,236	348,572	2,258,014	2,605,619	4,323,251	3,104,410
Operations	1,646,914	1,628,069	11,005,689	10,286,012	18,677,726	17,223,709
Maintenance	2,350,862	2,024,176	16,352,397	14,769,296	26,677,310	24,090,315
Total	33,995,181	38,363,388	227,775,980	227,886,684	399,105,920	393,407,106
Quantity of Fuel Burned						
Coal - Tons	910,821	911,462	5,608,034	5,262,528	9,609,746	9,070,063
Oil - Gallons	30,466	38,469	465,035	438,400	796,605	848,815
Production Cost per Net KWH						
Generated	2.209	2.523	2.334	2.493	2.381	2.486
Fuel	1.930	2.260	2.031	2.191	2.084	2.206
Fuel Handling	0.019	0.023	0.023	0.029	0.026	0.020
Operation	0.107	0.107	0.113	0.113	0.111	0.109
Maintenance	0.153	0.133	0.168	0.162	0.159	0.152
% of Total BTU Burned						
Coal	99.97%	99.97%	99.94%	99.94%	99.94%	99.93%
Oil	0.03%	0.03%	0.06%	0.06%	0.06%	0.07%
BTU Per Net KWH Generation						
Coal	10,457.676	10,509.378	10,137.075	10,120.086	10,090.521	10,070.214

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	2.682	3.466	6.474	6.571	6.478	7.349
BTU Per Pound of Coal	8,835	8,768	8,819	8,789	8,801	8,784
Cost Per MMBTU Burned Coal	185.968	216.795	201.680	218.501	208.238	220.100
Cost Per Ton of Coal Burned						
Coal	32.533	37.633	35.169	37.911	36.205	38.326
Coal Handling	0.220	0.286	0.291	0.392	0.342	0.239
Total	32.753	37.919	35.460	38.303	36.547	38.564

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	858,198.0	868,492.0	4,115,286.0	5,276,871.0	8,165,921.0	7,716,471.0
Station Use (MWHR)	44,506.0	46,445.0	236,965.0	290,100.0		443,071.0
Generation - Net (MWHR)	813,692.0	822,047.0	3,878,321.0	4,986,771.0		7,273,400.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	813,692.0	822,047.0	3,878,321.0	4,986,771.0	7,706,484.0	7,273,400.0
Total Production Cost						
Fuel - Coal	16,650,043	17,628,606	81,983,811	106,357,459	163,541,594	160,067,412
Fuel - Oil	221,490	-	697,782	252,340	1,026,522	654,120
Fuel Handling	72,205	118,875	653,428	706,588	1,160,780	1,507,793
Operations	865,170	946,719	7,056,072	6,647,621	11,525,576	10,856,134
Maintenance	1,291,969	1,071,663	14,387,495	8,121,484	19,903,488	16,244,309
Total	19,100,878	19,765,862	104,778,588	122,085,493	197,157,959	189,329,768
Quantity of Fuel Burned						
Coal - Tons	454,762	483,353	2,231,662	2,881,014	4,497,972	4,286,231
Oil - Gallons	840	-	237,271	157,108	432,476	419,297
Production Cost per Net KWH						
Generated	2.347	2.404	2.702	2.448	2.558	2.603
Fuel	2.073	2.144	2.132	2.138	2.135	2.210
Fuel Handling	0.009	0.014	0.017	0.014		
Operation	0.106	0.115	0.182	0.133	0.150	0.149
Maintenance	0.159	0.130	0.371	0.163	0.258	0.223
% of Total BTU Burned						
Coal	100.00%	100.00%	99.91%	99.96%	99.92%	99.92%
Oil	0.00%	-	0.09%	0.04%	0.08%	0.08%
BTU Per Net KWH Generation						
Coal	9,472.671	9,934.014	9,684.384	9,875.579	9,850.991	10,073.022

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	0.141	-	8.381	4.316	7.688	7.897
BTU Per Pound of Coal	8,475	8,447	8,415	8,547	8,439	8,547
Cost Per MMBTU Burned Coal	216.951	217.328	220.019	217.401	216.952	220.535
Cost Per Ton of Coal Burned						
Coal	36.613	36.471	36.737	36.917	36.359	37.345
Coal Handling	0.110	0.181	0.209	0.185	0.193	0.289
Total	36.723	36.653	36.946	37.102	36.552	37.633

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12,001.7	38,447.0	228,821.7	444,638.0	417,171.7	578,540.0
Station Use (MWHR)	775.7	488.0	4,793.0	4,040.0	8,831.0	7,759.0
Generation - Net (MWHR)	11,226.0	37,959.0	224,028.7	440,598.0	408,340.7	570,781.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	11,226.0	37,959.0	224,028.7	440,598.0	408,340.7	570,781.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	174,534	182,376	1,918,255	1,746,237	2,769,729	2,625,322
Maintenance	220,138	416,574	1,056,849	1,532,472	2,532,783	3,099,605
Total	394,672	598,950	2,975,105	3,278,709	5,302,513	5,724,927
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	3.516	1.578	1.328	0.744	1.299	1.003
Operation	1.555	0.480	0.856	0.396	0.678	0.460
Maintenance	1.961	1.097	0.472	0.348	0.620	0.543
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	51,635.0	63,130.0	206,700.0	217,883.0	366,749.0	425,045.0
Station Use (MWHR)	324.9	,	1,833.0	1,616.0	•	•
Generation - Net (MWHR)	51,310.1		204,867.0	216,267.0	,	
Energy Input for Pumping (MWHR)	72,694.0	85,221.0	288,739.0	299,574.0	511,937.0	591,516.0
Generation Less Pumping Energy (MWHR)	(21,383.9)	(22,376.0)	(83,872.0)	(83,307.0)	(148,171.0)	
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	177,129	143,895	1,110,353	1,153,498	1,945,606	2,030,702
Maintenance	147,490	108,241	896,560	835,389	1,359,663	1,298,033
Total	324,619	252,137	2,006,913	1,988,887	3,305,269	3,328,734
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.633	0.401	0.980	0.920	0.909	0.788
Operation	0.345	0.229	0.542	0.533	0.535	0.481
Maintenance	0.287	0.172	0.438	0.386	0.374	0.307
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	76,312.0	94,033.0	548,478.0	577,885.0	994,014.0	936,193.0
Station Use (MWHR)	394.0	578.0	3,159.0	3,589.0	5,783.0	5,862.0
Generation - Net (MWHR)	75,918.0	93,455.0	545,319.0	574,296.0	988,231.0	930,331.0
Energy Input for Pumping (MWHR)	_	-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	75,918.0	93,455.0	545,319.0	574,296.0	988,231.0	930,331.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	233,451	290,966	1,818,052	1,733,395	3,215,950	2,899,890
Maintenance	75,619	84,146	424,585	532,253	996,705	1,170,345
Total	309,071	375,113	2,242,637	2,265,648	4,212,655	4,070,235
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.407	0.401	0.411	0.395	0.426	0.438
Operation	0.308	0.311	0.333	0.302	0.325	0.312
Maintenance	0.100	0.090	0.078	0.093	0.101	0.126
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	5,804.4	5,250.7	41,178.7	44,155.9	44,589.9	70,887.3
Station Use (MWHR)	1,016.9	1,047.1	6,746.1	7,687.5	7,319.2	12,424.9
Generation - Net (MWHR)	4,787.5	4,203.6	34,432.6	36,468.4	37,270.6	58,462.4
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	4,787.5	4,203.6	34,432.6	36,468.4	37,270.6	58,462.4
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	224,277	215,040	1,502,995	1,702,675	1,619,547	2,642,449
Fuel Handling	-	-	-	-	-	-
Operations	33,791	23,919	210,963	241,703	354,461	387,460
Maintenance	79,485	63,866	811,390	831,722	1,581,574	1,691,376
Total	337,553	302,825	2,525,348	2,776,100	3,555,581	4,721,285
Quantity of Fuel Burned						
Natural Gas - MCF	67,359	64,191	449,269	511,907	484,060	813,117
Production Cost per Net KWH						
Generated	7.051	7.204	7.334	7.612	9.540	8.076
Fuel	4.685	5.116	4.365	4.669	4.345	4.520
Operation	0.706	0.569	0.613	0.663	0.951	0.663
Maintenance	1.660	1.519	2.356	2.281	4.243	2.893
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	14,069.888	15,270.468	13,047.778	14,037.010	12,987.706	13,908.374

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	332.958	335.000	334.542	332.614	334.576	324.978

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	825.6	714.7	3,621.2	3,273.4	6,341.6	5,992.4
Generation - Net (MWHR)	825.6	714.7	3,621.2	3,273.4	6,341.6	5,992.4
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	825.6	714.7	3,621.2	3,273.4	6,341.6	5,992.4
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	1,011	2,948	4,667	6,484	31,480
Maintenance	1,219	-	25,810	-	25,810	<u>-</u>
Total	1,219	1,011	28,759	4,667	32,294	31,480
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.148	0.141	0.794	0.143	0.509	0.525
Operation	-	0.141	0.081	0.143	0.102	0.525
Maintenance	0.148	-	0.713	-	0.407	-
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,500	9,864	50,975	36,649	81,875	55,703
Fuel Handling	-	-	-	-	-	-
Operations	111,590	112,241	626,379	863,435	1,172,241	1,342,817
Maintenance	142,654	1,010	935,585	317,241	1,300,978	788,202
Total	261,744	123,116	1,612,939	1,217,325	2,555,094	2,186,722
Quantity of Fuel Burned						
Natural Gas - MCF	705,774	1,193,297	2,465,272	2,167,462	4,109,327	4,373,261
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	8,224.0	29,627.0	22,523.0	41,930.0	44,632.0	94,165.0
Generation - Net (MWHR)	8,224.0	29,627.0	22,523.0	41,930.0	44,632.0	94,165.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	8,224.0	29,627.0	22,523.0	41,930.0	44,632.0	94,165.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	340,093	1,149,896	1,297,034	1,933,615	2,413,475	3,837,384
Fuel Handling	-	-	-	-	-	-
Operations	41,461	49,089	350,248	310,751	597,634	591,920
Maintenance	51,534	68,009	385,293	543,558	667,942	963,524
Total	433,088	1,266,994	2,032,576	2,787,924	3,679,051	5,392,827
Quantity of Fuel Burned						
Natural Gas - MCF	91,671	324,974	251,521	459,504	501,770	930,756
Production Cost per Net KWH						
Generated	5.266	4.276	9.024	6.649	8.243	5.727
Fuel	4.135	3.881	5.759	4.612	5.407	4.075
Operation	0.504	0.166	1.555	0.741	1.339	0.629
Maintenance	0.627	0.230	1.711	1.296	1.497	1.023
% of Total BTU Burned						
Gas	58.62%	31.07%	69.88%	26.21%	70.50%	25.96%
Oil	41.38%	68.93%	30.12%	73.79%	29.50%	74.04%
BTU Per Net KWH Generation						
Gas	6,687.928	3,507.282	7,990.423	2,957.850	8,125.469	2,639.852
Oil	4,720.389	7,782.285	3,444.644	8,327.840	3,400.566	7,529.628

Cost Per MMBTU Burned

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas	618.335	1,106.624	720.702	1,559.082	665.500	1,543.712

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	. <u>-</u>
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Operations			-	41	-	2,968
Maintenance		<u>-</u>	<u>-</u>	415	<u>-</u>	4,201
Total			-	457	-	7,169
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-	-		. <u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		57.0	1,952.0	1,138.0	2,554.0	1,503.0
Generation - Net (MWHR)	-	57.0	1,952.0	1,138.0	2,554.0	1,503.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	57.0	1,952.0	1,138.0	2,554.0	1,503.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	81	3,990	157,719	49,559	180,427	147,387
Fuel Handling	-	-	-	-	-	-
Operations	2,743	3,248	25,321	20,681	42,223	32,735
Maintenance	5,397	6,435	31,041	10,775	146,951	163,615
Total	8,221	13,673	214,082	81,015	369,600	343,737
Quantity of Fuel Burned						
Natural Gas - MCF	-	1,197	25,597	15,730	32,664	18,146
Oil - Gallons	-	-	13,424	-	13,424	45,143
Production Cost per Net KWH						
Generated	-	23.988	10.967	7.119	14.471	22.870
Fuel	-	7.000	8.080	4.355	7.064	9.806
Operation	-	5.698	1.297	1.817	1.653	2.178
Maintenance	-	11.290	1.590	0.947	5.754	10.886
% of Total BTU Burned						
Gas	-	100.00%	93.46%	90.29%	91.07%	68.78%
Oil	-	-	6.54%	9.71%	8.93%	31.22%
BTU Per Net KWH Generation						
Gas	-	21,508.772	13,457.992	12,821.348	12,602.258	11,355.751
Oil	-	-	942.156	1,379.004	1,236.069	5,155.683

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 325.427	600.379	339.664	560.572	863.544

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	124.0	762.0	124.0	901.0	313.0
Station Use (MWHR)	33.0	35.0	367.0	320.0	598.0	526.0
Generation - Net (MWHR)	(33.0)	89.0	395.0	(196.0)	303.0	(213.0)
Energy Input for Pumping (MWHR)	<u>-</u>	<u>-</u>	<u>-</u>	<u> </u>		<u> </u>
Generation Less Pumping Energy (MWHR)	(33.0)	89.0	395.0	(196.0)	303.0	(213.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	37,946	225,694	37,946	273,406	99,074
Fuel Handling	-	-	-	-	-	-
Operations	2,787	1,902	19,490	12,746	31,916	23,291
Maintenance	3,260	6,316	32,733	32,341	59,743	62,582
Total	6,047	46,164	277,917	83,033	365,065	184,947
Quantity of Fuel Burned						
Oil - Gallons	-	11,292	67,162	11,292	81,360	28,592
Production Cost per Net KWH						
Generated	(18.346)	51.870	70.359	(42.364)	120.483	(86.830)
Fuel	-	42.636	57.138	(19.360)	90.233	(46.514)
Operation	(8.456)	2.137	4.934	(6.503)	10.533	(10.935)
Maintenance	(9.891)	7.097	8.287	(16.500)	19.717	(29.381)
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	17,382.067	23,294.162	(7,892.878)	36,786.535	(18,390.160)

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		5.0	-	5.0	-	50.0
Generation - Net (MWHR)	-	5.0	-	5.0	-	50.0
Energy Input for Pumping (MWHR)		-	-	-	-	· <u>-</u>
Generation Less Pumping Energy (MWHR)	-	5.0	-	5.0	-	50.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	
Fuel - Natural Gas	-	873	-	1,324	-	11,584
Fuel Handling	-	-	-	-	-	· -
Operations	4,287	1,902	22,090	17,343	36,867	29,758
Maintenance	2,304	91,110	13,493	106,355	(45,048)	127,132
Total	6,592	93,885	35,583	125,021	(8,181)	168,474
Quantity of Fuel Burned						
Natural Gas - MCF	-	92	-	131	-	1,560
Production Cost per Net KWH						
Generated	-	1,877.693	-	2,500.422	-	336.948
Fuel	-	17.456	-	26.475	-	23.168
Operation	-	38.040	-	346.851	-	59.515
Maintenance	-	1,822.197	-	2,127.095	-	254.265
% of Total BTU Burned						
Gas	-	100.00%	-	50.00%	-	42.22%
Oil	-	-	-	50.00%	-	57.78%
BTU Per Net KWH Generation						
Gas	-	52,200.000	-	52,200.000	-	6,612.000
Oil	-	-	-	52,200.000	-	9,048.000

Cost Per MMBTU Burned

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		- 334.406		507.192	<u> </u>	3,503.881

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	138.0	334.0	138.0	482.0	138.0
Station Use (MWHR)	7.0	22.0	297.0	312.0	433.0	496.0
Generation - Net (MWHR)	(7.0)	116.0	37.0	(174.0)	49.0	(358.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(7.0)	116.0	37.0	(174.0)	49.0	(358.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	28,996	75,557	28,996	114,497	28,996
Fuel Handling	-	-	-	-	-	-
Operations	2,786	1,902	19,349	13,463	32,510	23,995
Maintenance	11,315	11,913	40,797	40,912	73,303	71,488
Total	14,101	42,811	135,704	83,372	220,310	124,480
Quantity of Fuel Burned						
Oil - Gallons	-	11,277	29,385	11,277	44,529	11,277
Production Cost per Net KWH						
Generated	(201.439)	36.906	366.767	(47.915)	449.612	(34.771)
Fuel	-	24.997	204.209	(16.665)	233.667	(8.100)
Operation	(39.800)	1.640	52.294	(7.737)	66.348	(6.703)
Maintenance	(161.639)	10.270	110.263	(23.513)	149.597	(19.969)
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	14,102.606	115,209.357	(9,401.737)	131,828.904	(4,569.559)

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	116.0	334.0	116.0	334.0	116.0
Station Use (MWHR)	37.0	43.0	275.0	256.0	434.0	462.0
Generation - Net (MWHR)	(37.0)	73.0	59.0	(140.0)	(100.0)	(346.0)
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	(37.0)	73.0	59.0	(140.0)	(100.0)	(346.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	15,994	44,251	15,994	50,242	15,994
Fuel Handling	-	-	-	-	-	-
Operations	2,787	1,842	19,281	12,873	31,596	24,175
Maintenance	5,234	3,813	61,528	39,033	107,010	69,243
Total	8,021	21,649	125,060	67,901	188,848	109,413
Quantity of Fuel Burned						
Oil - Gallons	-	9,961	27,559	9,961	31,290	9,961
Production Cost per Net KWH						
Generated	(21.678)	29.656	211.967	(48.500)	(188.848)	(31.622)
Fuel	-	21.910	75.001	(11.425)	(50.242)	(4.623)
Operation	(7.532)	2.523	32.680	(9.195)	(31.596)	(6.987)
Maintenance	(14.146)	5.223	104.286	(27.881)	(107.010)	(20.013)
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	18,693.932	63,992.003	(9,747.550)	(42,866.752)	(3,944.095)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	483.0	130.0	483.0	307.0
Station Use (MWHR)	26.0	27.0	254.0	184.0	414.0	325.0
Generation - Net (MWHR)	(26.0)	(27.0)	229.0	(54.0)	69.0	(18.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(26.0)	(27.0)	229.0	(54.0)	69.0	(18.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	69,718	440,836	69,718	485,626
Fuel Handling	-	-	-	-	-	-
Operations	2,851	2,033	19,698	14,284	32,098	25,210
Maintenance	7,794	9,153	41,885	116,437	64,897	139,181
Total	10,645	11,186	131,301	571,557	166,713	650,017
Quantity of Fuel Burned						
Oil - Gallons	-	-	42,518	13,431	42,518	29,445
Production Cost per Net KWH						
Generated	(40.943)	(41.431)	57.337	(1,058.438)	241.613	(3,611.204)
Fuel	-	-	30.444	(816.364)	101.040	(2,697.921)
Operation	(10.965)	(7.530)	8.602	(26.451)	46.519	(140.055)
Maintenance	(29.978)	(33.902)	18.291	(215.623)	94.054	(773.228)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	25,644.478	(29,683.273)	85,109.934	(210,933.906)

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-			-
Total Production Cost						
Fuel - Coal	-	-	-			-
Fuel Handling	-	-	-			-
Maintenance	131	-	131		- 131	
Total	131	-	131		- 131	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	7,397.0	2,733.0	15,114.0	9,245.0	27,023.0	24,901.0
Generation - Net (MWHR)	7,397.0	2,733.0	15,114.0	9,245.0	27,023.0	24,901.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	7,397.0	2,733.0	15,114.0	9,245.0	27,023.0	24,901.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	371,377	211,371	1,025,688	801,971	1,905,380	1,728,705
Fuel Handling	-	-	-	-	-	-
Operations	99	3,856	18,610	13,688	67,324	62,043
Maintenance	42,104	43,832	313,902	318,884	547,134	499,611
Total	413,580	259,059	1,358,200	1,134,543	2,519,838	2,290,360
Quantity of Fuel Burned						
Natural Gas - MCF	98,787	35,313	201,711	118,101	359,044	317,549
Production Cost per Net KWH						
Generated	5.591	9.479	8.986	12.272	9.325	9.198
Fuel	5.021	7.734	6.786	8.675	7.051	6.942
Operation	0.001	0.141	0.123	0.148	0.249	0.249
Maintenance	0.569	1.604	2.077	3.449	2.025	2.006
% of Total BTU Burned						
Gas	15.27%	-	41.47%	51.84%	48.20%	27.93%
Oil	84.73%	100.00%	58.53%	48.16%	51.80%	72.07%
BTU Per Net KWH Generation						
Gas	2,088.756	-	5,676.664	6,830.204	6,565.685	3,690.308
Oil	11,588.411	13,316.868	8,011.374	6,346.432	7,054.861	9,522.454

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas	2,403.655	-	1,195.481	1,270.042	1,073.910	1,881.228

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,946.0	1,096.0	10,527.0	1,920.0	18,622.0	3,827.0
Station Use (MWHR)	175.0	166.0	1,390.0	1,256.0	2,282.0	2,192.0
Generation - Net (MWHR)	3,771.0	930.0	9,137.0	664.0	16,340.0	1,635.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	3,771.0	930.0	9,137.0	664.0	16,340.0	1,635.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	170,955	81,942	570,009	244,465	1,069,474	444,362
Fuel Handling	-	-	-	-	-	-
Operations	7,170	9,088	67,216	69,866	138,521	113,150
Maintenance	42,533	42,063	309,257	337,840	518,086	519,820
Total	220,657	133,093	946,482	652,171	1,726,082	1,077,332
Quantity of Fuel Burned						
Natural Gas - MCF	47,909	13,073	128,815	24,151	223,786	48,469
Production Cost per Net KWH						
Generated	5.851	14.311	10.359	98.219	10.564	65.892
Fuel	4.533	8.811	6.238	36.817	6.545	27.178
Operation	0.190	0.977	0.736	10.522	0.848	6.921
Maintenance	1.128	4.523	3.385	50.880	3.171	31.793
% of Total BTU Burned						
Gas	81.01%	86.37%	79.36%	82.02%	81.36%	65.41%
Oil	18.99%	13.63%	20.64%	17.98%	18.64%	34.59%
BTU Per Net KWH Generation						
Gas	10,547.021	12,473.883	11,466.067	30,708.903	11,503.718	19,926.829
Oil	2,472.072	1,968.052	2,982.330	6,732.362	2,634.838	10,536.168

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	429.828	706.353	544.081	1,198.904	568.958	1,363.895

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	26,424.0	29,823.0	72,729.0	63,876.0	111,727.0	108,041.0
Station Use (MWHR)	582.0	453.0	2,605.0	2,579.0	3,439.0	6,542.0
Generation - Net (MWHR)	25,842.0	29,370.0	70,124.0	61,297.0	108,288.0	101,499.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	25,842.0	29,370.0	70,124.0	61,297.0	108,288.0	101,499.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	883,900	1,014,083	2,835,306	2,728,940	4,537,821	4,563,755
Fuel Handling	-	-	-	-	-	-
Operations	50,916	24,041	152,150	134,823	299,771	280,706
Maintenance	152,995	97,314	1,161,780	769,814	1,816,817	1,320,212
Total	1,087,811	1,135,437	4,149,236	3,633,576	6,654,409	6,164,673
Quantity of Fuel Burned						
Natural Gas - MCF	284,310	288,412	708,077	637,593	1,100,778	1,066,391
Production Cost per Net KWH						
Generated	4.209	3.866	5.917	5.928	6.145	6.074
Fuel	3.420	3.453	4.043	4.452	4.191	4.496
Operation	0.197	0.082	0.217	0.220	0.277	0.277
Maintenance	0.592	0.331	1.657	1.256	1.678	1.301
% of Total BTU Burned						
Gas	96.68%	68.13%	87.79%	69.74%	87.07%	59.27%
Oil	3.32%	31.87%	12.21%	30.26%	12.93%	40.73%
BTU Per Net KWH Generation						
Gas	9,717.338	6,884.060	9,089.101	7,471.244	9,103.612	6,414.047
Oil	333.664	3,219.686	1,264.659	3,241.809	1,351.674	4,407.735

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	351.990	501.562	444.849	595.884	460.313	701.017

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,047.0	508.0	4,449.0	3,847.0	6,557.0	6,113.0
Station Use (MWHR)	4.0	-	6.0	1.0	8.0	2.0
Generation - Net (MWHR)	2,043.0	508.0	4,443.0	3,846.0	6,549.0	6,111.0
Energy Input for Pumping (MWHR)			<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	2,043.0	508.0	4,443.0	3,846.0	6,549.0	6,111.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	178,229	121,781	920,285	851,340	1,577,445	1,480,061
Fuel Handling	-	-	-	-	-	-
Operations	3,974	2,784	27,998	21,891	84,260	68,573
Maintenance	36,558	50,533	304,852	340,814	528,597	571,886
Total	218,761	175,097	1,253,135	1,214,044	2,190,303	2,120,520
Quantity of Fuel Burned						
Natural Gas - MCF	26,243	6,078	57,018	49,893	87,600	77,945
Production Cost per Net KWH						
Generated	10.708	34.468	28.205	31.566		34.700
Fuel	8.724	23.973	20.713	22.136	24.087	24.220
Operation	0.195	0.548	0.630	0.569	1.287	1.122
Maintenance	1.789	9.947	6.861	8.862	8.071	9.358
% of Total BTU Burned						
Gas	6.25%	-	41.38%	23.99%	46.08%	20.95%
Oil	93.75%	100.00%	58.62%	76.01%	53.92%	79.05%
BTU Per Net KWH Generation						
Gas	821.341	-	5,403.150	3,129.211	6,238.810	2,721.939
Oil	12,318.649	12,293.307	7,654.693	9,915.770	7,301.578	10,270.861

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	10,621.487	-	3,833.530	7,073.896	3,860.802	8,897.932

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	15,382.6	15,995.0	61,734.0	34,531.0	83,792.0	85,728.0
Station Use (MWHR)	105.0	112.0	1,237.0	1,171.0	1,935.0	1,950.0
Generation - Net (MWHR)	15,277.6	15,883.0	60,497.0	33,360.0	81,857.0	83,778.0
Energy Input for Pumping (MWHR)		<u> </u>	<u> </u>	<u> </u>	<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	15,277.6	15,883.0	60,497.0	33,360.0	81,857.0	83,778.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	627,157	798,579	2,444,552	2,194,470	3,942,320	4,558,439
Fuel Handling	-	-	-	-	-	-
Operations	32,183	30,890	224,514	190,619	439,067	450,416
Maintenance	37,852	53,084	1,096,787	340,078	1,479,572	854,596
Total	697,193	882,554	3,765,853	2,725,168	5,860,960	5,863,452
Quantity of Fuel Burned						
Natural Gas - MCF	167,425	175,150	665,352	373,519	901,541	876,328
Production Cost per Net KWH						
Generated	4.563	5.557	6.225	8.169	7.160	6.999
Fuel	4.105	5.028	4.041	6.578	4.816	5.441
Operation	0.211	0.194	0.371	0.571	0.536	0.538
Maintenance	0.248	0.334	1.813	1.019	1.808	1.020
% of Total BTU Burned						
Gas	94.31%	80.27%	80.88%	82.97%	82.64%	66.19%
Oil	5.69%	19.73%	19.12%	17.03%	17.36%	33.81%
BTU Per Net KWH Generation						
Gas	10,563.539	9,051.065	9,102.783	9,524.107	9,317.874	7,137.941
Oil	637.566	2,224.072	2,152.222	1,954.610	1,956.862	3,645.785

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	388.608	555.502	443.906	690.684	516.868	762.278

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Jul Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	7,499.0	12,936.0	19,563.0	12,938.0	39,665.0	27,669.0
Station Use (MWHR)	0.2	2.0	12.2	13.0	22.2	23.0
Generation - Net (MWHR)	7,498.8	12,934.0	19,550.8	12,925.0	39,642.8	27,646.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	7,498.8	12,934.0	19,550.8	12,925.0	39,642.8	27,646.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	373,953	686,617	1,443,625	1,437,392	2,899,090	2,769,345
Fuel Handling	-	-	-	-	-	-
Operations	11,099	3,203	89,156	10,523	154,054	34,662
Maintenance	45,137	87,388	327,183	547,082	744,305	957,281
Total	430,189	777,207	1,859,964	1,994,998	3,797,448	3,761,287
Quantity of Fuel Burned						
Natural Gas - MCF	72,563	154,808	186,034	154,863	427,240	337,504
Production Cost per Net KWH						
Generated	5.737	6.009	9.513	15.435	9.579	13.605
Fuel	4.987	5.309	7.384	11.121	7.313	10.017
Operation	0.148	0.025	0.456	0.081	0.389	0.125
Maintenance	0.602	0.676	1.673	4.233	1.878	3.463
% of Total BTU Burned						
Gas	83.37%	-	67.29%	-	40.18%	33.62%
Oil	16.63%	100.00%	32.71%	100.00%	59.82%	66.38%
BTU Per Net KWH Generation						
Gas	8,212.945	-	6,542.751	-	4,432.935	4,228.138
Oil	1,638.454	12,244.936	3,181.131	12,257.795	6,599.576	8,349.450

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	607.189	-	1,128.570		- 1,649.702	2,369.167

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Jul

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-	-	-	. <u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	4,242,827.6	4,174,905.6	31,049,859.2	31,044,397.9	44,076,214.1	44,375,653.8
Station Use (MWHR)	224,075.6	222,396.6	1,663,038.4	1,642,984.1	2,413,739.9	2,368,556.1
Generation - Net (MWHR)	4,018,752.0	3,952,509.0	29,386,820.8	29,401,413.8	41,662,474.3	42,007,097.6
Energy Input for Pumping (MWHR)	70,417.0	67,117.0	359,156.0	366,691.0	515,237.0	585,519.0
Generation Less Pumping Energy (MWHR)	3,948,335.0	3,885,392.0	29,027,664.8	29,034,722.8	41,147,237.3	41,421,578.6
Total Production Cost						
Fuel - Coal	58,662,686	62,796,267	425,707,997	452,845,006	644,284,555	640,866,720
Fuel - Natural Gas	3,273,545	1,867,561	17,242,576	15,280,375	24,062,073	21,801,825
Fuel - Oil	357,768	139,432	2,142,711	1,220,758	3,103,304	2,368,548
Fuel Handling	762,322	771,435	5,760,891	6,135,709	9,083,344	8,390,549
Nuclear	8,095,105	8,009,442	63,918,112	63,700,422	75,838,918	96,764,266
Operations	10,930,998	11,116,251	91,029,090	86,440,815	139,303,030	129,491,243
Maintenance	12,084,655	12,822,178	95,245,008	83,703,490	167,278,723	131,797,616
Total	94,167,080	97,522,565	701,046,383	709,326,576	1,062,953,947	1,031,480,767
Quantity of Fuel Burned						
Coal - Tons	1,745,405	1,684,205	12,119,407	12,073,936	18,020,788	16,950,286
Nuclear - MMBTU	9,046,480	9,046,110	70,795,581	69,525,641	84,627,112	104,949,627
Natural Gas - MCF	1,600,731	540,436	7,098,297	5,328,275	9,835,810	7,542,665
Oil - Gallons	170,300	117,016	1,164,576	850,547	1,732,092	1,588,336
Production Cost per Net KWH						
Generated	2.343	2.467	2.386	2.413	2.551	2.455
Fuel	1.550	1.640	1.515	1.596	1.612	1.583
Fuel Handling	0.019	0.020	0.020	0.021	0.022	0.020
Nuclear Fuel Burned	0.201	0.203	0.218	0.217	0.182	0.230
Operation	0.272	0.281	0.310	0.294	0.334	0.308
Maintenance	0.301	0.324	0.324	0.285	0.402	0.314

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	75.67%	75.87%	74.04%	74.48%	77.82%	73.10%
Nuclear	22.23%	23.37% 0.61%	24.54%	24.44%	20.81%	25.81%
Gas	1.59%		1.11%	0.72%	1.03%	0.67%
Oil	0.51%	0.15%	0.30%	0.36%	0.34%	0.42%
BTU Per Net KWH Generation						
Coal	7,662.462	7,429.121	7,267.992	7,205.040	7,594.084	7,076.795
Nuclear	2,251.067	2,288.701	2,409.093	2,364.704	2,031.255	2,498.378
Gas	160.697	59.987	108.882	69.464	100.322	64.734
Oil	51.426	14.204	29.935	34.957	33.040	40.474
BTU Per Pound of Coal	8,821	8,717	8,812	8,773	8,778	8,769
Cost Per MMBTU Burned						
Coal	192.979	216.484	202.014	216.666	206.508	218.402
Nuclear	89.483	88.540	90.285	91.621	89.615	92.201
Natural Gas	506.897	787.677	538.882	748.179	575.694	801.750
Cost Per Ton of Coal Burned						
Coal	33.610	37.285	35.126	37.506	35.752	37.809
Coal Handling	0.348	0.384	0.384	0.430	0.416	0.413
Total	33.957	37.669	35.510	37.936	36.168	38.222

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	928,169.0	937,548.0	7,379,621.0	7,281,606.0	8,813,289.0	11,000,084.0
Station Use (MWHR)	40,482.0	40,400.0	314,396.0	314,778.0	410,765.0	471,515.0
Generation - Net (MWHR)	887,687.0	897,148.0	7,065,225.0	6,966,828.0	8,402,524.0	10,528,569.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	887,687.0	897,148.0	7,065,225.0	6,966,828.0	8,402,524.0	10,528,569.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	8,095,105	8,009,442	63,918,112	63,700,422	75,838,918	96,764,266
Operations	5,727,914	5,918,792	50,090,840	46,094,252	78,934,038	69,901,018
Maintenance	2,818,413	5,032,060	28,940,159	27,433,882	68,931,144	43,254,497
Total	16,641,433	18,960,294	142,949,111	137,228,557	223,704,100	209,919,781
Quantity of Fuel Burned						
Nuclear - MMBTU	9,046,480	9,046,110	70,795,581	69,525,641	84,627,112	104,949,627
Production Cost per Net KWH						
Generated	1.875	2.113	2.023	1.970	2.662	1.994
Nuclear Fuel Burned	0.912	0.893	0.905	0.914	0.903	0.919
Operation	0.645	0.660	0.709	0.662	0.939	0.664
Maintenance	0.318	0.561	0.410	0.394	0.820	0.411
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,191.070	10,083.186	10,020.287	9,979.526	10,071.630	9,968.081

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	89.483	88.540	90.285	91.621	89.615	92.201

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	96.0	96.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	96.0	96.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	<u>-</u>		<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	96.0	96.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						
Oii	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	247,530.0	177,164.0	1,268,589.0	817,694.0	1,695,044.0	1,439,766.0
Station Use (MWHR)	24,634.1	21,523.0	145,699.5	98,037.0	208,012.5	157,213.0
Generation - Net (MWHR)	222,895.9	155,641.0	1,122,889.5	719,657.0	1,487,031.5	1,282,553.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	222,895.9	155,641.0	1,122,889.5	719,657.0	1,487,031.5	1,282,553.0
Total Production Cost						
Fuel - Coal	3,980,708	3,845,049	23,503,687	18,172,495	33,344,748	32,914,895
Fuel - Natural Gas	696,684	98,387	2,002,306	1,005,028	2,519,670	1,518,706
Fuel Handling	124,310	84,658	677,995	914,046	1,012,975	1,443,825
Operations	721,823	719,042	5,690,275	5,978,994	8,388,569	8,826,215
Maintenance	1,029,161	796,847	7,267,831	7,774,442	10,314,736	10,903,153
Total	6,552,686	5,543,984	39,142,094	33,845,005	55,580,698	55,606,794
Quantity of Fuel Burned						
Coal - Tons	133,092	102,272	739,730	479,990	1,001,604	871,950
Natural Gas - MCF	219,212	32,123	578,112	307,108	734,794	456,509
Oil - Gallons	6,367	3,120	35,112	27,648	51,741	47,400
Production Cost per Net KWH						
Generated	2.940	3.562	3.486	4.703	3.738	4.336
Fuel	2.098	2.534	2.271	2.665	2.412	2.685
Fuel Handling	0.056	0.054	0.060	0.127	0.068	0.113
Operation	0.324	0.462	0.507	0.831	0.564	0.688
Maintenance	0.462	0.512	0.647	1.080	0.694	0.850
% of Total BTU Burned						
Coal	91.45%	98.16%	95.68%	96.33%	95.91%	96.97%
Gas	8.55%	1.84%	4.32%	3.67%	4.09%	3.03%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	10,689.669	11,329.808	11,660.361	11,526.946	11,843.351	11,731.410
Gas	1,000.000	212.168	526.092	439.411	505.303	366.138
BTU Per Pound of Coal	8,951	8,621	8,850	8,641	8,792	8,628
Cost Per MMBTU Burned						
Coal	172.285	222.851	184.688	230.085	195.088	228.355
Natural Gas	312.560	297.944	338.947	317.820	335.330	323.410
Cost Per Ton of Coal Burned						
Coal	29.909	37.596	31.773	37.860	33.291	37.749
Coal Handling	0.930	0.802	0.911	1.854	0.996	1.617
Total	30.839	38.398	32.684	39.715	34.288	39.366

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	463,039.0	481,370.0	4,173,666.0	4,013,780.0	5,569,221.0	5,137,589.0
Station Use (MWHR)	36,002.0		308,286.0	318,752.0	420,777.0	428,480.0
Generation - Net (MWHR)	427,037.0		3,865,380.0	3,695,028.0	5,148,444.0	4,709,109.0
Energy Input for Pumping (MWHR)	-	<u>-</u>	-	-	-	-
Generation Less Pumping Energy (MWHR)	427,037.0	441,623.0	3,865,380.0	3,695,028.0	5,148,444.0	4,709,109.0
Total Production Cost						
Fuel - Coal	9,028,313	10,117,422	77,338,945	79,974,036	102,658,427	102,095,815
Fuel - Oil	102,386	503	257,554	110,951	452,614	376,318
Fuel Handling	233,130	199,877	1,766,571	1,422,556	2,668,355	2,220,485
Operations	940,925	987,280	6,857,224	7,328,524	10,186,595	10,892,678
Maintenance	1,928,854	2,137,275	13,717,455	13,140,387	25,492,860	22,083,862
Total	12,233,607	13,442,357	99,937,750	101,976,454	141,458,852	137,669,157
Quantity of Fuel Burned						
Coal - Tons	259,107	269,141	2,186,775	2,137,612	2,871,052	2,719,581
Oil - Gallons	47,167	99	130,344	67,633	235,180	229,381
Production Cost per Net KWH						
Generated	2.865	3.044	2.585	2.760	2.748	2.923
Fuel	2.138	2.291	2.007	2.167	2.003	2.176
Fuel Handling	0.055	0.045	0.046	0.038	0.052	0.047
Operation	0.220	0.224	0.177	0.198	0.198	0.231
Maintenance	0.452	0.484	0.355	0.356	0.495	0.469
% of Total BTU Burned						
Coal	99.87%	100.00%	99.96%	99.98%	99.94%	99.94%
Oil	0.13%	0.00%	0.04%	0.02%	0.06%	0.06%
BTU Per Net KWH Generation						
Coal	11,237.446	10,954.345	10,453.460	10,563.780	10,266.582	10,550.468

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	15.132	0.031	4.620	2.508	6.258	6.673
BTU Per Pound of Coal	9,260	8,987	9,239	9,130	9,205	9,134
Cost Per MMBTU Burned Coal	192.995	213.269	195.774	208.530	199.268	209.962
Cost Per Ton of Coal Burned						
Coal	34.844	37.592	35.367	37.413	35.756	37.541
Coal Handling	0.802	0.670	0.733	0.619	0.853	0.768
Total	35.646	38.262	36.100	38.032	36.609	38.309

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,548,574.0	1,534,803.0	11,817,794.0	11,152,569.0	17,655,462.0	16,619,420.0
Station Use (MWHR)	76,490.0	75,047.0	588,250.0	552,613.0	879,479.0	829,365.0
Generation - Net (MWHR)	1,472,084.0	1,459,756.0	11,229,544.0	10,599,956.0	16,775,983.0	15,790,055.0
Energy Input for Pumping (MWHR)		_	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,472,084.0	1,459,756.0	11,229,544.0	10,599,956.0	16,775,983.0	15,790,055.0
Total Production Cost						
Fuel - Coal	27,861,428	32,957,692	225,089,315	232,464,911	342,823,654	345,290,571
Fuel - Oil	203,940	100,776	1,135,933	819,314	1,610,878	1,429,029
Fuel Handling	308,318	381,707	2,566,332	2,987,326	4,249,862	3,296,213
Operations	1,674,220	1,590,115	12,679,909	11,876,127	18,761,831	17,726,096
Maintenance	3,038,441	2,233,370	19,390,837	17,002,666	27,482,381	24,536,373
Total	33,086,347	37,263,661	260,862,327	265,150,345	394,928,606	392,278,281
Quantity of Fuel Burned						
Coal - Tons	870,023	876,149	6,478,057	6,138,677	9,603,620	9,039,230
Oil - Gallons	93,303	61,578	558,338	499,978	828,330	880,687
Production Cost per Net KWH						
Generated	2.248	2.553	2.323	2.501	2.354	2.484
Fuel	1.907	2.265	2.015	2.201	2.053	2.196
Fuel Handling	0.021	0.026	0.023	0.028	0.025	0.021
Operation	0.114	0.109	0.113	0.112	0.112	0.112
Maintenance	0.206	0.153	0.173	0.160	0.164	0.155
% of Total BTU Burned						
Coal	99.92%	99.95%	99.93%	99.94%	99.93%	99.92%
Oil	0.08%	0.05%	0.07%	0.06%	0.07%	0.08%
BTU Per Net KWH Generation						
Coal	10,454.008	10,531.059	10,178.622	10,176.682	10,084.084	10,055.946

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	8.611	5.780	6.754	6.462	6.726	7.641
BTU Per Pound of Coal	8,844	8,773	8,822	8,786	8,808	8,783
Cost Per MMBTU Burned Coal	183.049	216.873	199.172	218.269	205.162	219.535
Cost Per Ton of Coal Burned						
Coal	32.024	37.617	34.746	37.869	35.697	38.199
Coal Handling	0.233	0.341	0.283	0.385	0.332	0.260
Total	32.257	37.957	35.030	38.254	36.029	38.459

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	839,758.0	775,016.0	4,955,044.0	6,051,887.0	8,230,663.0	7,799,205.0
Station Use (MWHR)	44,360.0	43,686.0	281,325.0	333,786.0	460,111.0	443,084.0
Generation - Net (MWHR)	795,398.0	731,330.0	4,673,719.0	5,718,101.0	7,770,552.0	7,356,121.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	795,398.0	731,330.0	4,673,719.0	5,718,101.0	7,770,552.0	7,356,121.0
Total Production Cost						
Fuel - Coal	17,792,237	15,876,104	99,776,048	122,233,563	165,457,727	160,565,440
Fuel - Oil	51,442	38,152	749,225	290,493	1,039,812	563,201
Fuel Handling	96,564	105,193	749,992	811,781	1,152,151	1,430,026
Operations	975,948	892,963	8,032,019	7,540,584	11,608,560	10,891,912
Maintenance	1,993,515	1,227,646	16,381,010	9,349,130	20,669,357	16,302,188
Total	20,909,706	18,140,058	125,688,294	140,225,551	199,927,607	189,752,767
Quantity of Fuel Burned						
Coal - Tons	483,183	436,643	2,714,845	3,317,657	4,544,512	4,319,525
Oil - Gallons	23,463	24,488	260,734	181,596	431,451	357,176
Production Cost per Net KWH						
Generated	2.629	2.480	2.689	2.452		
Fuel	2.243	2.176	2.151	2.143		
Fuel Handling	0.012	0.014	0.016	0.014		
Operation	0.123	0.122	0.172	0.132		0.148
Maintenance	0.251	0.168	0.350	0.164	0.266	0.222
% of Total BTU Burned						
Coal	99.96%	99.95%	99.92%	99.96%	99.92%	99.93%
Oil	0.04%	0.05%	0.08%	0.04%	0.08%	0.07%
BTU Per Net KWH Generation						
Coal	10,338.052	10,104.627	9,795.629	9,904.874	9,876.975	10,027.325

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	4.041	4.587	7.643	4.351	7.607	6.652
BTU Per Pound of Coal	8,509	8,462	8,432	8,536	8,444	8,538
Cost Per MMBTU Burned						
Coal	217.549	216.261	219.575	217.252	217.083	219.618
Cost Per Ton of Coal Burned						
Coal	36.823	36.359	36.752	36.843	36.408	37.172
Coal Handling	0.150	0.196	0.199	0.187	0.188	0.268
Total	36.973	36.555	36.951	37.030	36.596	37.440

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	9,728.0	93,668.0	238,549.7	538,306.0	333,231.7	639,458.0
Station Use (MWHR)	581.0	459.0	5,374.0	4,499.0	8,953.0	7,686.0
Generation - Net (MWHR)	9,147.0	93,209.0	233,175.7	533,807.0	324,278.7	631,772.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	9,147.0	93,209.0	233,175.7	533,807.0	324,278.7	631,772.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	166,411	156,236	2,084,666	1,902,474	2,779,904	2,629,426
Maintenance	136,725	548,894	1,193,574	2,081,366	2,120,614	3,343,785
Total	303,135	705,130	3,278,240	3,983,839	4,900,518	5,973,211
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	3.314	0.757	1.406	0.746	1.511	0.945
Operation	1.819	0.168	0.894	0.356	0.857	0.416
Maintenance	1.495	0.589	0.512	0.390	0.654	0.529
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	51,224.0	46,204.0	257,924.0	264,087.0	371,769.0	418,647.0
Station Use (MWHR)	237.0	221.0	2,070.0	1,837.0	2,999.0	2,827.0
Generation - Net (MWHR)	50,987.0	45,983.0	255,854.0	262,250.0	368,770.0	415,820.0
Energy Input for Pumping (MWHR)	70,417.0	67,117.0	359,156.0	366,691.0	515,237.0	585,519.0
Generation Less Pumping Energy (MWHR)	(19,430.0)	(21,134.0)	(103,302.0)	(104,441.0)	(146,467.0)	(169,699.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	151,998	170,036	1,262,351	1,323,534	1,927,568	2,036,394
Maintenance	124,927	74,346	1,021,488	909,735	1,410,244	1,266,822
Total	276,926	244,382	2,283,839	2,233,269	3,337,812	3,303,216
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.543	0.531	0.893	0.852	0.905	0.794
Operation	0.298	0.370	0.493	0.505	0.523	0.490
Maintenance	0.245	0.162	0.399	0.347	0.382	0.305
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	97,864.0	103,947.0	646,342.0	681,832.0	987,931.0	959,963.0
Station Use (MWHR)	432.0	571.0	3,591.0	4,160.0	5,644.0	5,930.0
Generation - Net (MWHR)	97,432.0	103,376.0	642,751.0	677,672.0	982,287.0	954,033.0
Energy Input for Pumping (MWHR)	_	_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	97,432.0	103,376.0	642,751.0	677,672.0	982,287.0	954,033.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	208,875	284,318	2,026,926	2,017,713	3,140,507	2,979,021
Maintenance	39,895	88,604	464,480	620,856	947,996	1,131,562
Total	248,770	372,922	2,491,406	2,638,570	4,088,503	4,110,583
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.255	0.361	0.388	0.389	0.416	0.431
Operation	0.214	0.275	0.315	0.298	0.320	0.312
Maintenance	0.041	0.086	0.072	0.092	0.097	0.119
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	76.4	778.3	41,255.2	44,934.2	43,888.0	67,971.9
Station Use (MWHR)	14.4	155.6	6,760.5	7,843.1	7,178.0	11,898.1
Generation - Net (MWHR)	62.1	622.7	34,494.7	37,091.1	36,710.0	56,073.8
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	62.1	622.7	34,494.7	37,091.1	36,710.0	56,073.8
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	5,188	26,590	1,508,183	1,729,264	1,598,146	2,531,509
Fuel Handling	-	-	-	-	-	-
Operations	34,197	33,205	245,160	274,909	355,452	412,911
Maintenance	306,929	104,325	1,118,319	936,047	1,784,178	1,679,936
Total	346,314	164,120	2,871,662	2,940,220	3,737,775	4,624,357
Quantity of Fuel Burned						
Natural Gas - MCF	1,558	7,937	450,827	519,844	477,681	776,974
Production Cost per Net KWH						
Generated	557.958	26.354	8.325	7.927	10.182	8.247
Fuel	8.359	4.270	4.372	4.662	4.353	4.515
Operation	55.095	5.332	0.711	0.741	0.968	0.736
Maintenance	494.504	16.752	3.242	2.524	4.860	2.996
% of Total BTU Burned						
Gas	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	25,101.502	12,745.164	13,069.467	14,015.320	13,012.302	13,856.277

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	332.993	335.008	334.537	332.651	334.563	325.816

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	705.2	749.3	4,326.4	4,022.7	6,297.5	6,019.8
Generation - Net (MWHR)	705.2	749.3	4,326.4	4,022.7	6,297.5	6,019.8
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	705.2	749.3	4,326.4	4,022.7	6,297.5	6,019.8
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	81	593	3,029	5,260	5,972	31,367
Maintenance	1,877		27,688	<u> </u>	27,688	
Total	1,958	593	30,717	5,260	33,659	31,367
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.278	0.079	0.710	0.131	0.534	0.521
Operation	0.011	0.079	0.070	0.131	0.095	0.521
Maintenance	0.266	-	0.640	-	0.440	-
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,500	4,500	58,475	41,149	84,875	55,403
Fuel Handling	-	-	-	-	-	-
Operations	81,209	91,361	707,589	954,796	1,162,089	1,332,976
Maintenance	137,432	1,054	1,073,017	318,295	1,437,356	783,585
Total	226,142	96,915	1,839,081	1,314,240	2,684,321	2,171,964
Quantity of Fuel Burned						
Natural Gas - MCF	789,695	269,578	3,254,967	2,437,040	4,629,444	3,430,915
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	10,536.0	955.0	33,059.0	42,885.0	54,213.0	78,894.0
Generation - Net (MWHR)	10,536.0	955.0	33,059.0	42,885.0	54,213.0	78,894.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	10,536.0	955.0	33,059.0	42,885.0	54,213.0	78,894.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	439,280	91,263	1,736,314	2,024,878	2,761,492	3,301,779
Fuel Handling	-	-	-	-	-	-
Operations	35,297	43,360	385,546	354,112	589,571	562,985
Maintenance	85,603	71,322	470,896	614,880	682,222	980,759
Total	560,180	205,946	2,592,755	2,993,869	4,033,286	4,845,523
Quantity of Fuel Burned						
Natural Gas - MCF	117,829	10,472	369,350	469,976	609,127	758,653
Production Cost per Net KWH						
Generated	5.317	21.565	7.843	6.981	7.440	6.142
Fuel	4.169	9.556	5.252	4.722	5.094	4.185
Operation	0.335	4.540	1.166	0.826	1.088	0.714
Maintenance	0.812	7.468	1.424	1.434	1.258	1.243
% of Total BTU Burned						
Gas	41.89%	99.06%	60.95%	27.84%	64.48%	24.62%
Oil	58.11%	0.94%	39.05%	72.16%	35.52%	75.38%
BTU Per Net KWH Generation						
Gas	4,793.447	11,211.660	6,971.537	3,141.653	7,423.543	2,436.525
Oil	6,650.745	106.665	4,466.438	8,144.764	4,090.245	7,461.464

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	869.797	852.356	753.373	1,502.918	686.166	1,717.644

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-		-	-
Total Production Cost						
Fuel - Coal			-		-	-
Fuel Handling			-		-	-
Operations			-	41	-	2,353
Maintenance			<u>-</u>	415	<u>-</u>	4,201
Total			-	457	-	6,554
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-		-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	13.0	122.0	1,965.0	1,260.0	2,445.0	1,413.0
Generation - Net (MWHR)	13.0	122.0	1,965.0	1,260.0	2,445.0	1,413.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	13.0	122.0	1,965.0	1,260.0	2,445.0	1,413.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	719	1,246	158,438	50,806	179,899	78,066
Fuel Handling	-	-	-	-	-	-
Operations	1,549	3,282	26,870	23,962	40,490	33,539
Maintenance	3,295	83,099	34,336	93,875	67,146	244,031
Total	5,563	87,627	219,645	168,643	287,536	355,636
Quantity of Fuel Burned						
Natural Gas - MCF	227	397	25,824	16,127	32,494	18,190
Oil - Gallons	-	-	13,424	-	13,424	-
Production Cost per Net KWH						
Generated	42.791	71.826	11.178	13.384	11.760	25.169
Fuel	5.529	1.022	8.063	4.032	7.358	5.525
Operation	11.915	2.690	1.367	1.902	1.656	2.374
Maintenance	25.346	68.114	1.747	7.450	2.746	17.270
% of Total BTU Burned						
Gas	-	100.00%	92.70%	90.53%	90.37%	91.60%
Oil	100.00%	-	7.30%	9.47%	9.63%	8.40%
BTU Per Net KWH Generation						
Gas	-	3,344.262	13,368.957	11,903.725	12,997.205	12,113.018
Oil	17,615.385	-	1,052.462	1,245.481	1,384.835	1,110.620

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 305.507	603.115	338.735	566.108	456.110

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	139.0	762.0	263.0	762.0	263.0
Station Use (MWHR)	34.0	35.0	401.0	355.0	597.0	527.0
Generation - Net (MWHR)	(34.0)	104.0	361.0	(92.0)	165.0	(264.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(34.0)	104.0	361.0	(92.0)	165.0	(264.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	42,940	225,694	80,886	230,466	80,886
Fuel Handling	-	-	-	-	-	-
Operations	2,875	2,264	22,365	15,010	32,527	22,871
Maintenance	2,329	8,897	35,062	41,238	53,175	66,938
Total	5,204	54,101	283,121	137,134	316,168	170,695
Quantity of Fuel Burned						
Oil - Gallons	-	12,778	67,162	24,070	68,582	24,070
Production Cost per Net KWH						
Generated	(15.306)	52.020	78.427	(149.058)	191.617	(64.657)
Fuel	-	41.288	62.519	(87.919)	139.676	(30.639)
Operation	(8.456)	2.177	6.195	(16.315)	19.713	(8.663)
Maintenance	(6.850)	8.555	9.713	(44.824)	32.227	(25.355)
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	16,832.558	25,488.072	(35,843.370)	56,943.842	(12,490.871)

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	<u>-</u>	5.0	-	5.0
Generation - Net (MWHR)	-	-	-	5.0	-	5.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	-	-	-	5.0	-	5.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	1,324	-	1,378
Fuel Handling	-	-	-	-	-	-
Operations	2,877	5,020	24,967	22,362	34,724	31,873
Maintenance	6,516	(77,101)	20,009	29,254	38,569	47,518
Total	9,393	(72,082)	44,976	52,940	73,293	80,769
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	131	-	131
Production Cost per Net KWH						
Generated	-	-	-	1,058.792	-	1,615.375
Fuel	-	-	-	26.475	-	27.555
Operation	-	-	-	447.244		637.467
Maintenance	-	-	-	585.072	-	950.353
% of Total BTU Burned						
Gas	-	-	-	50.00%	-	50.00%
Oil	-	-	-	50.00%	-	50.00%
BTU Per Net KWH Generation						
Gas	-	-	-	52,200.000	-	52,200.000
Oil	-	-	-	52,200.000	-	52,200.000

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas				507.192	-	527.881

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	148.0	334.0	286.0	334.0	286.0
Station Use (MWHR)	-	4.0	297.0	316.0	429.0	474.0
Generation - Net (MWHR)	-	144.0	37.0	(30.0)	(95.0)	(188.0)
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	144.0	37.0	(30.0)	(95.0)	(188.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	38,449	75,557	67,445	76,049	67,445
Fuel Handling	-	-	-	-	-	-
Operations	2,876	2,012	22,225	15,475	33,374	23,273
Maintenance	2,408	5,205	43,205	46,117	70,506	71,761
Total	5,284	45,665	140,988	129,037	179,929	162,479
Quantity of Fuel Burned						
Oil - Gallons	-	14,953	29,385	26,230	29,576	26,230
Production Cost per Net KWH						
Generated	-	31.712	381.048	(430.123)	(189.399)	(86.425)
Fuel	-	26.700	204.209	(224.817)	(80.051)	(35.875)
Operation	-	1.397	60.067	(51.584)	(35.131)	(12.379)
Maintenance	-	3.614	116.772	(153.722)	(74.217)	(38.171)
% of Total BTU Burned						
Oil	-	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	15,063.629	115,209.357	(126,835.498)	(45,162.670)	(20,239.707)

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	334.0	116.0	334.0	116.0
Station Use (MWHR)	31.0	29.0	306.0	285.0	436.0	462.0
Generation - Net (MWHR)	(31.0)	(29.0)	28.0	(169.0)	(102.0)	(346.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(31.0)	(29.0)	28.0	(169.0)	(102.0)	(346.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	44,251	15,994	50,242	15,994
Fuel Handling	-	-	-	-	-	-
Operations	2,820	2,012	22,101	14,885	32,404	23,514
Maintenance	10,391	15,171	71,919	54,204	102,230	82,503
Total	13,211	17,183	138,271	85,084	184,876	122,011
Quantity of Fuel Burned						
Oil - Gallons	-	-	27,559	9,961	31,290	9,961
Production Cost per Net KWH						
Generated	(42.616)	(59.252)	493.826	(50.345)	(181.251)	(35.263)
Fuel	-	-	158.039	(9.464)	(49.257)	(4.623)
Operation	(9.097)	(6.938)	78.932	(8.808)	(31.769)	(6.796)
Maintenance	(33.519)	(52.314)	256.855	(32.073)	(100.225)	(23.845)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	134,840.293	(8,074.893)	(42,026.227)	(3,944.095)

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
 Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	483.0	130.0	483.0	130.0
Station Use (MWHR)	27.0	27.0	281.0	211.0	414.0	329.0
Generation - Net (MWHR)	(27.0)	(27.0)	202.0	(81.0)	69.0	(199.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(27.0)	(27.0)	202.0	(81.0)	69.0	(199.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	69,718	440,836	69,718	440,836
Fuel Handling	-	-	-	-	-	-
Operations	2,876	2,068	22,574	16,352	32,906	24,454
Maintenance	1,819	2,985	43,704	119,422	63,731	136,675
Total	4,695	5,053	135,996	576,610	166,354	601,965
Quantity of Fuel Burned						
Oil - Gallons	-	-	42,518	13,431	42,518	13,431
Production Cost per Net KWH						
Generated	(17.389)	(18.716)	67.325	(711.864)	241.093	(302.495)
Fuel	-	-	34.514	(544.242)	101.040	(221.526)
Operation	(10.652)	(7.659)	11.175	(20.187)	47.690	(12.288)
Maintenance	(6.737)	(11.057)	21.636	(147.435)	92.363	(68.681)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	29,072.205	(19,788.849)	85,109.934	(8,054.758)

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_						

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			. <u>-</u>
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Maintenance			131		- 131	<u> </u>
Total			131		- 131	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	879.0	574.0	15,993.0	9,819.0	27,328.0	16,243.0
Generation - Net (MWHR)	879.0	574.0	15,993.0	9,819.0	27,328.0	16,243.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	879.0	574.0	15,993.0	9,819.0	27,328.0	16,243.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	117,821	129,020	1,143,509	930,991	1,894,181	1,412,678
Fuel Handling	-	-	-	-	-	-
Operations	18,369	14,208	36,979	27,896	71,485	51,658
Maintenance	24,782	38,390	338,684	357,274	533,526	505,282
Total	160,971	181,618	1,519,172	1,316,161	2,499,192	1,969,619
Quantity of Fuel Burned						
Natural Gas - MCF	11,471	8,165	213,182	126,266	362,350	207,853
Production Cost per Net KWH						
Generated	18.313	31.641	9.499	13.404	9.145	12.126
Fuel	13.404	22.477	7.150	9.482	6.931	8.697
Operation	2.090	2.475	0.231	0.284	0.262	0.318
Maintenance	2.819	6.688	2.118	3.639	1.952	3.111
% of Total BTU Burned						
Gas	-	63.46%	39.22%	52.58%	46.32%	36.84%
Oil	100.00%	36.54%	60.78%	47.42%	53.68%	63.16%
BTU Per Net KWH Generation						
Gas	-	9,184.702	5,364.665	6,967.843	6,299.491	4,871.051
Oil	13,503.982	5,287.424	8,313.256	6,284.525	7,299.419	8,350.583

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Saı	rior Year me Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
<u> </u>	,,,,,,		,	710017107	710011110	710011101	710011110
Natural Gas		-	2,447.258	1,332.806	1,360.755	1,100.293	1,785.477

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	327.0	-	10,854.0	1,920.0	18,949.0	1,920.0
Station Use (MWHR)	130.0	147.0	1,520.0	1,403.0	2,265.0	2,180.0
Generation - Net (MWHR)	197.0	(147.0)	9,334.0	517.0	16,684.0	(260.0)
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	197.0	(147.0)	9,334.0	517.0	16,684.0	(260.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	42,309	45,492	612,318	289,957	1,066,291	379,377
Fuel Handling	-	-	-	-	-	-
Operations	19,105	16,609	86,320	86,475	141,017	111,243
Maintenance	40,409	38,122	349,666	375,962	520,373	519,549
Total	101,822	100,223	1,048,304	752,394	1,727,681	1,010,169
Quantity of Fuel Burned						
Natural Gas - MCF	4,026	166	132,841	24,317	227,646	25,217
Production Cost per Net KWH						
Generated	51.686	(68.179)	11.231	145.531	10.355	(388.526)
Fuel	21.476	(30.947)	6.560	56.084	6.391	(145.914)
Operation	9.698	(11.299)	0.925	16.726	0.845	(42.786)
Maintenance	20.512	(25.933)	3.746	72.720	3.119	(199.827)
% of Total BTU Burned						
Gas	100.00%	-	79.99%	81.46%	81.75%	78.56%
Oil	-	100.00%	20.01%	18.54%	18.25%	21.44%
BTU Per Net KWH Generation						
Gas	21,045.685	-	11,668.251	39,440.448	11,515.029	(78,425.813)
Oil	-	(1,156.463)	2,919.386	8,975.413	2,570.322	(21,401.110)

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,020.469	-	562.216	1,422.003	555.023	1,860.537

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	26,360.0	15,044.0	99,089.0	78,920.0	123,043.0	101,671.0
Station Use (MWHR)	536.0	227.0	3,141.0	2,806.0	3,748.0	4,610.0
Generation - Net (MWHR)	25,824.0	14,817.0	95,948.0	76,114.0	119,295.0	97,061.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	25,824.0	14,817.0	95,948.0	76,114.0	119,295.0	97,061.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	909,866	558,665	3,745,172	3,287,605	4,889,022	4,340,301
Fuel Handling	-	-	-	-	-	-
Operations	65,653	58,270	217,803	193,093	307,153	294,010
Maintenance	95,720	122,665	1,257,500	892,479	1,789,872	1,342,382
Total	1,071,239	739,601	5,220,475	4,373,177	6,986,047	5,976,693
Quantity of Fuel Burned						
Natural Gas - MCF	257,161	137,770	965,238	775,363	1,220,169	981,848
Production Cost per Net KWH						
Generated	4.148	4.992	5.441	5.746	5.856	6.158
Fuel	3.523	3.770	3.903	4.319	4.098	4.472
Operation	0.254	0.393	0.227	0.254	0.257	0.303
Maintenance	0.371	0.828	1.311	1.173	1.500	1.383
% of Total BTU Burned						
Gas	72.34%	90.84%	83.66%	73.47%	83.54%	66.55%
Oil	27.66%	9.16%	16.34%	26.53%	16.46%	33.45%
BTU Per Net KWH Generation						
Gas	7,422.514	8,649.158	8,640.546	7,700.547	8,796.147	6,931.827
Oil	2,837.523	872.607	1,687.988	2,780.600	1,732.820	3,484.303

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	474.683	435.931	451.746	560.910	465.916	645.101

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	722.0	-	5,171.0	3,847.0	7,279.0	3,965.0
Station Use (MWHR)		1.0	6.0	2.0	7.0	3.0
Generation - Net (MWHR)	722.0	(1.0)	5,165.0	3,845.0	7,272.0	3,962.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	722.0	(1.0)	5,165.0	3,845.0	7,272.0	3,962.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	140,786	112,141	1,061,070	963,481	1,606,090	1,301,466
Fuel Handling	-	-	-	-	-	-
Operations	24,842	22,984	52,840	44,875	86,118	65,895
Maintenance	30,329	35,930	335,181	376,744	522,996	573,845
Total	195,956	171,056	1,449,091	1,385,100	2,215,204	1,941,206
Quantity of Fuel Burned						
Natural Gas - MCF	9,111	-	66,129	49,893	96,711	19,298
Production Cost per Net KWH						
Generated	27.141	(17,105.555)	28.056	36.023	30.462	48.996
Fuel	19.499	(11,214.126)	20.543	25.058	22.086	32.849
Operation	3.441	(2,298.407)	1.023	1.167	1.184	1.663
Maintenance	4.201	(3,593.022)	6.489	9.798	7.192	14.484
% of Total BTU Burned						
Gas	-	-	35.67%	23.99%	41.71%	64.81%
Oil	100.00%	-	64.33%	76.01%	58.29%	35.19%
BTU Per Net KWH Generation						
Gas	-	-	4,647.860	3,130.025	5,618.532	3,037.594
Oil	12,868.421	-	8,383.505	9,918.349	7,853.277	1,649.180

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			4,419.985	8,005.693	3,930.909	10,814.058

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	14,847.0	4,608.0	76,581.0	39,139.0	94,031.0	65,224.0
Station Use (MWHR)	85.0	115.0	1,322.0	1,286.0	1,905.0	1,948.0
Generation - Net (MWHR)	14,762.0	4,493.0	75,259.0	37,853.0	92,126.0	63,276.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	14,762.0	4,493.0	75,259.0	37,853.0	92,126.0	63,276.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	637,847	445,582	3,082,399	2,640,053	4,134,585	3,913,578
Fuel Handling	-	-	-	-	-	-
Operations	51,678	90,282	276,192	280,901	400,463	438,125
Maintenance	105,908	162,164	1,202,695	502,242	1,423,316	958,995
Total	795,432	698,028	4,561,286	3,423,195	5,958,364	5,310,697
Quantity of Fuel Burned						
Natural Gas - MCF	161,300	49,136	826,652	422,655	1,013,705	659,312
Production Cost per Net KWH						
Generated	5.388	15.536	6.061	9.043	6.468	8.393
Fuel	4.321	9.917	4.096	6.974	4.488	6.185
Operation	0.350	2.009	0.367	0.742	0.435	0.692
Maintenance	0.717	3.609	1.598	1.327	1.545	1.516
% of Total BTU Burned						
Gas	92.14%	96.62%	83.07%	84.56%	83.47%	67.68%
Oil	7.86%	3.38%	16.93%	15.44%	16.53%	32.32%
BTU Per Net KWH Generation						
Gas	10,285.373	10,848.093	9,334.747	9,681.259	9,398.274	7,256.137
Oil	877.206	379.372	1,902.128	1,767.635	1,860.795	3,464.405

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	420.098	914.193	438.761	720.411	477.531	852.373

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Aug Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,464.0	2,056.0	22,027.0	14,994.0	40,073.0	17,256.0
Station Use (MWHR)	0.2	2.0	12.3	15.0	20.3	25.0
Generation - Net (MWHR)	2,463.8	2,054.0	22,014.7	14,979.0	40,052.7	17,231.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	2,463.8	2,054.0	22,014.7	14,979.0	40,052.7	17,231.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	275,547	273,287	1,719,171	1,710,679	2,901,350	2,362,422
Fuel Handling	-	-	-	-	-	-
Operations	9,778	1,408	98,934	11,931	162,423	22,603
Maintenance	118,977	70,907	446,160	617,990	792,374	960,027
Total	404,302	345,602	2,264,266	2,340,600	3,856,147	3,345,052
Quantity of Fuel Burned						
Natural Gas - MCF	29,141	24,692	215,175	179,555	431,689	207,765
Production Cost per Net KWH						
Generated	16.409	16.826	10.285	15.626	9.628	19.413
Fuel	11.184	13.305	7.809	11.421	7.244	13.710
Operation	0.397	0.069	0.449	0.080	0.406	0.131
Maintenance	4.829	3.452	2.027	4.126	1.978	5.572
% of Total BTU Burned						
Gas	77.76%	11.27%	68.71%	1.55%	44.37%	9.20%
Oil	22.24%	88.73%	31.29%	98.45%	55.63%	90.80%
BTU Per Net KWH Generation						
Gas	9,410.390	1,390.450	6,863.691	190.666	4,895.149	1,138.358
Oil	2,690.671	10,943.046	3,126.240	12,077.510	6,136.377	11,229.526

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,188.438	9,568.922	1,137.757	59,898.076	1,479.799	12,043.932

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Aug Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-	-		-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,582,266.2	3,570,893.2	34,632,125.4	34,615,291.1	44,087,587.1	44,562,548.4
Station Use (MWHR)	193,542.4	192,793.0	1,856,580.7	1,835,777.1	2,414,489.2	
Generation - Net (MWHR)	3,388,723.8	3,378,100.2	32,775,544.7	32,779,514.0	41,673,097.8	
Energy Input for Pumping (MWHR)	47,419.0	57,993.0	406,575.0	424,684.0	504,663.0	567,827.0
Generation Less Pumping Energy (MWHR)	3,341,304.8	3,320,107.2	32,368,969.7	32,354,830.0	41,168,434.8	41,621,104.0
Total Production Cost						
Fuel - Coal	38,779,020	50,620,588	464,487,017	503,465,594	632,442,987	641,918,293
Fuel - Natural Gas	7,281,403	4,194,553	24,523,979	19,474,928	27,148,924	22,619,465
Fuel - Oil	336,370	240,583	2,479,081	1,461,341	3,199,091	2,384,159
Fuel Handling	715,693	990,194	6,476,584	7,125,903	8,808,843	9,183,789
Nuclear	7,673,208	7,546,321	71,591,320	71,246,743	75,965,806	96,253,290
Operations	10,840,272	10,546,505	101,869,361	96,987,320	139,596,796	129,346,906
Maintenance	12,401,125	12,698,073	107,646,132	96,401,564	166,981,774	133,386,326
Total	78,027,091	86,836,817	779,073,474	796,163,393	1,054,144,221	1,035,092,228
Quantity of Fuel Burned						
Coal - Tons	1,171,584	1,357,756	13,290,991	13,431,692	17,834,616	17,024,437
Nuclear - MMBTU	8,754,056	8,719,484	79,549,637	78,245,125	84,661,684	105,096,935
Natural Gas - MCF	2,404,520	2,135,357	9,502,817	7,463,632	10,104,973	8,170,527
Oil - Gallons	249,027	156,165	1,413,603	1,006,712	1,824,954	1,595,450
Production Cost per Net KWH						
Generated	2.303	2.571	2.377	2.429	2.530	2.453
Fuel	1.369	1.630	1.500	1.600	1.590	1.581
Fuel Handling	0.021	0.029	0.020	0.022	0.021	0.022
Nuclear Fuel Burned	0.226	0.223	0.218	0.217	0.182	0.228
Operation	0.320	0.312	0.311	0.296	0.335	0.307
Maintenance	0.366	0.376	0.328	0.294	0.401	0.316

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Sep

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	67.05%	70.68%	73.37%	74.08%	77.59%	73.10%
Nuclear	28.46%	26.02%	24.92%	24.61%	20.97%	25.75%
Gas	2.19%	2.04%	1.21%	0.86%	1.03%	0.74%
Oil	2.30%	1.25%	0.50%	0.46%	0.41%	0.42%
BTU Per Net KWH Generation						
Coal	6,085.254	7,010.636	7,145.707	7,185.006	7,518.686	7,073.214
Nuclear	2,583.290	2,581.180	2,427.103	2,387.013	2,031.567	2,491.102
Gas	198.820	202.747	118.181	83.200	100.029	71.389
Oil	208.933	124.053	48.442	44.139	39.965	40.215
BTU Per Pound of Coal	8,801	8,721	8,811	8,767	8,784	8,764
Cost Per MMBTU Burned						
Coal	191.524	217.927	201.091	216.792	204.659	218.189
Nuclear	87.653	86.545	89.996	91.056	89.729	91.585
Natural Gas	1,080.733	612.434	633.131	714.089	651.285	751.017
Cost Per Ton of Coal Burned						
Coal	33.100	37.283	34.948	37.483	35.462	37.706
Coal Handling	0.444	0.634	0.389	0.451	0.401	0.457
Total	33.543	37.916	35.337	37.934	35.862	38.163

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	902,467.5	903,572.0	8,282,088.5	8,185,178.0	8,812,184.5	11,016,060.0
Station Use (MWHR)	39,159.0	39,077.0	353,555.0	353,855.0	410,847.0	471,509.0
Generation - Net (MWHR)	863,308.5	864,495.0	7,928,533.5	7,831,323.0	8,401,337.5	10,544,551.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	863,308.5	864,495.0	7,928,533.5	7,831,323.0	8,401,337.5	10,544,551.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,673,208	7,546,321	71,591,320	71,246,743	75,965,806	96,253,290
Operations	5,867,928	5,965,766	55,958,768	52,060,018	78,836,200	69,938,550
Maintenance	3,308,545	5,613,366	32,248,703	33,047,249	66,626,323	45,535,488
Total	16,849,681	19,125,452	159,798,792	156,354,009	221,428,328	211,727,328
Quantity of Fuel Burned						
Nuclear - MMBTU	8,754,056	8,719,484	79,549,637	78,245,125	84,661,684	105,096,935
Production Cost per Net KWH						
Generated	1.952	2.212	2.015	1.997	2.636	2.008
Nuclear Fuel Burned	0.889	0.873	0.903	0.910	0.904	0.913
Operation	0.680	0.690	0.706	0.665	0.938	0.663
Maintenance	0.383	0.649	0.407	0.422	0.793	0.432
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	10,140.125	10,086.217	10,033.336	9,991.303	10,077.167	9,966.943

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	87.653	86.545	89.996	91.056	89.729	91.585

Cost Per Ton of Coal Burned

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	108.0	108.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	108.0	108.0	144.0	144.0
Energy Input for Pumping (MWHR)		_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	108.0	108.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	111,030.0	106,159.0	1,379,619.0	923,853.0	1,699,915.0	1,316,477.0
Station Use (MWHR)	19,056.2	16,596.0	164,755.7	114,633.0	210,472.7	153,744.0
Generation - Net (MWHR)	91,973.8	89,563.0	1,214,863.3	809,220.0	1,489,442.3	1,162,733.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	91,973.8	89,563.0	1,214,863.3	809,220.0	1,489,442.3	1,162,733.0
Total Production Cost						
Fuel - Coal	583,604	2,314,344	24,087,291	20,486,839	31,614,007	30,373,313
Fuel - Natural Gas	336,750	365,955	2,339,055	1,370,983	2,490,464	1,580,603
Fuel Handling	72,696	64,850	750,691	978,896	1,020,822	1,463,970
Operations	718,603	686,972	6,408,878	6,665,966	8,420,200	8,709,648
Maintenance	770,660	720,733	8,038,491	8,495,174	10,364,663	10,858,448
Total	2,482,312	4,152,854	41,624,407	37,997,859	53,910,157	52,985,983
Quantity of Fuel Burned						
Coal - Tons	19,854	62,031	759,584	542,021	959,427	806,536
Natural Gas - MCF	107,317	115,586	685,429	422,694	726,525	480,421
Oil - Gallons	8,693	4,541	43,805	32,189	55,893	46,554
Production Cost per Net KWH						
Generated	2.699	4.637	3.426	4.696	3.619	4.557
Fuel	1.001	2.993	2.175	2.701	2.290	2.748
Fuel Handling	0.079	0.072	0.062	0.121	0.069	0.126
Operation	0.781	0.767	0.528	0.824	0.565	0.749
Maintenance	0.838	0.805	0.662	1.050	0.696	0.934
% of Total BTU Burned						
Coal	76.28%	90.02%	95.06%	95.56%	95.79%	96.57%
Gas	23.72%	9.98%	4.94%	4.44%	4.21%	3.43%
Oil	-	-	-	-	-	-

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	3,791.561	11,911.465	11,064.637	11,569.504	11,342.053	11,963.710
Gas	1,179.303	1,320.847	575.545	536.966	497.882	425.005
BTU Per Pound of Coal	8,782	8,599	8,848	8,636	8,804	8,624
Cost Per MMBTU Burned						
Coal	188.200	223.016	184.779	229.279	193.182	228.871
Natural Gas	310.468	309.348	334.529	315.514	335.838	319.852
Cost Per Ton of Coal Burned						
Coal	29.395	37.309	31.711	37.797	32.951	37.659
Coal Handling	3.635	1.006	0.982	1.757	1.050	1.773
Total	33.030	38.316	32.693	39.554	34.001	39.432

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	555,471.6	280,170.0	4,729,137.6	4,293,950.0	5,844,522.6	5,108,127.0
Station Use (MWHR)	38,877.0	25,690.0	347,163.0	344,442.0	433,964.0	425,515.0
Generation - Net (MWHR)	516,594.6	254,480.0	4,381,974.6	3,949,508.0	5,410,558.6	4,682,612.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	516,594.6	254,480.0	4,381,974.6	3,949,508.0	5,410,558.6	4,682,612.0
Total Production Cost						
Fuel - Coal	7,876,731	5,847,141	85,215,677	85,821,177	104,688,017	101,409,154
Fuel - Oil	9,681	28,956	267,234	139,906	433,339	399,440
Fuel Handling	172,650	290,578	1,939,221	1,713,134	2,550,427	2,351,026
Operations	750,364	753,427	7,607,588	8,081,951	10,183,532	10,772,083
Maintenance	1,292,309	2,176,478	15,009,764	15,316,865	24,608,692	22,358,414
Total	10,101,735	9,096,579	110,039,484	111,073,034	142,464,007	137,290,119
Quantity of Fuel Burned						
Coal - Tons	232,832	154,723	2,419,607	2,292,335	2,949,161	2,701,271
Oil - Gallons	4,334	17,279	134,678	84,912	222,235	242,863
Production Cost per Net KWH						
Generated	1.955	3.575	2.511	2.812	2.633	2.932
Fuel	1.527	2.309	1.951	2.177	1.943	2.174
Fuel Handling	0.033	0.114	0.044	0.043	0.047	0.050
Operation	0.145	0.296	0.174	0.205	0.188	0.230
Maintenance	0.250	0.855	0.343	0.388	0.455	0.477
% of Total BTU Burned						
Coal	99.99%	99.92%	99.96%	99.97%	99.94%	99.93%
Oil	0.01%	0.08%	0.04%	0.03%	0.06%	0.07%
BTU Per Net KWH Generation						
Coal	8,147.852	11,121.218	10,181.650	10,599.698	10,024.091	10,530.194

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.149	9.302	4.211	2.945	5.627	7.105
BTU Per Pound of Coal	9,039	9,146	9,220	9,131	9,195	9,127
Cost Per MMBTU Burned Coal	191.236	216.871	195.346	209.094	197.726	210.429
Cost Per Ton of Coal Burned						
Coal	33.830	37.791	35.219	37.438	35.498	37.541
Coal Handling	0.648	1.805	0.725	0.699	0.787	0.820
Total	34.478	39.596	35.944	38.137	36.284	38.361

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,158,727.3	1,326,189.0	12,976,521.3	12,478,758.0	17,488,000.3	16,695,923.0
Station Use (MWHR)	57,994.0	69,301.0	646,244.0	621,914.0	868,172.0	832,743.0
Generation - Net (MWHR)	1,100,733.3	1,256,888.0	12,330,277.3	11,856,844.0	16,619,828.3	15,863,180.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	1,100,733.3	1,256,888.0	12,330,277.3	11,856,844.0	16,619,828.3	15,863,180.0
Total Production Cost						
Fuel - Coal	17,409,921	28,461,674	242,499,237	260,926,585	331,771,902	345,804,776
Fuel - Oil	1,402	111,859	1,137,335	931,173	1,500,421	1,378,144
Fuel Handling	344,699	498,404	2,911,031	3,485,731	4,096,157	3,877,687
Operations	1,588,852	1,427,577	14,268,762	13,303,704	18,923,106	17,821,587
Maintenance	3,208,322	2,004,955	22,599,160	19,007,621	28,685,748	24,567,800
Total	22,553,197	32,504,469	283,415,524	297,654,814	384,977,334	393,449,995
Quantity of Fuel Burned						
Coal - Tons	561,730	753,383	7,039,787	6,892,060	9,411,967	9,076,110
Oil - Gallons	638	66,293	558,976	566,271	762,675	844,723
Production Cost per Net KWH						
Generated	2.049	2.586	2.299	2.510	2.316	2.480
Fuel	1.582	2.273	1.976	2.208	2.005	2.189
Fuel Handling	0.031	0.040	0.024	0.029	0.025	0.024
Operation	0.144	0.114	0.116	0.112	0.114	0.112
Maintenance	0.291	0.160	0.183	0.160	0.173	0.155
% of Total BTU Burned						
Coal	100.00%	99.93%	99.94%	99.94%	99.94%	99.93%
Oil	0.00%	0.07%	0.06%	0.06%	0.06%	0.07%
BTU Per Net KWH Generation						
Coal	9,037.773	10,525.281	10,076.777	10,213.636	9,981.420	10,050.246

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	0.081	7.226	6.158	6.543	6.248	7.295
BTU Per Pound of Coal	8,855	8,780	8,825	8,786	8,813	8,783
Cost Per MMBTU Burned Coal	178.471	218.912	197.514	218.339	202.465	219.334
Cost Per Ton of Coal Burned						
Coal	30.993	37.778	34.447	37.859	35.250	38.101
Coal Handling	0.329	0.556	0.287	0.403	0.314	0.323
Total	31.323	38.334	34.734	38.262	35.564	38.423

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	636,042.2	695,680.0	5,591,086.2	6,747,567.0	8,171,025.2	8,007,942.0
Station Use (MWHR)	36,560.0	40,206.0	317,885.0	373,992.0	456,465.0	452,953.0
Generation - Net (MWHR)	599,482.2	655,474.0	5,273,201.2	6,373,575.0	7,714,560.2	7,554,989.0
Energy Input for Pumping (MWHR)		-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	599,482.2	655,474.0	5,273,201.2	6,373,575.0	7,714,560.2	7,554,989.0
Total Production Cost						
Fuel - Coal	12,908,764	13,997,429	112,684,812	136,230,992	164,369,061	164,331,049
Fuel - Oil	325,287	99,769	1,074,512	390,262	1,265,331	606,575
Fuel Handling	125,648	136,361	875,641	948,143	1,141,438	1,491,106
Operations	963,220	884,124	8,995,239	8,424,708	11,687,656	10,839,105
Maintenance	1,297,841	1,128,157	17,678,851	10,477,287	20,839,041	15,593,918
Total	15,620,761	16,245,841	141,309,055	156,471,392	199,302,527	192,861,753
Quantity of Fuel Burned						
Coal - Tons	357,168	387,619	3,072,013	3,705,276	4,514,061	4,440,520
Oil - Gallons	143,221	62,710	403,955	244,306	511,962	382,276
Production Cost per Net KWH						
Generated	2.606	2.478	2.680	2.455	2.583	2.553
Fuel	2.208	2.151	2.157	2.144	2.147	2.183
Fuel Handling	0.021	0.021	0.017	0.015	0.015	0.020
Operation	0.161	0.135	0.171	0.132	0.152	0.143
Maintenance	0.216	0.172	0.335	0.164	0.270	0.206
% of Total BTU Burned						
Coal	99.68%	99.87%	99.89%	99.95%	99.91%	99.93%
Oil	0.32%	0.13%	0.11%	0.05%	0.09%	0.07%
BTU Per Net KWH Generation						
Coal	10,200.814	10,002.804	9,841.692	9,914.945	9,891.449	10,028.215

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	32.730	13.107	10.495	5.251	9.092	6.932
BTU Per Pound of Coal	8,561	8,458	8,447	8,528	8,452	8,531
Cost Per MMBTU Burned Coal	213.148	215.567	218.818	217.077	216.897	218.869
Cost Per Ton of Coal Burned						
Coal	36.142	36.111	36.681	36.767	36.413	37.007
Coal Handling	0.313	0.258	0.212	0.194	0.192	0.271
Total	36.455	36.369	36.893	36.961	36.604	37.278

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	15,218.3	43,868.0	253,767.9	582,174.0	304,581.9	646,025.0
Station Use (MWHR)	552.0	565.0	5,926.0	5,064.0	8,940.0	7,700.0
Generation - Net (MWHR)	14,666.3	43,303.0	247,841.9	577,110.0	295,641.9	638,325.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	14,666.3	43,303.0	247,841.9	577,110.0	295,641.9	638,325.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	173,714	173,510	2,258,380	2,075,984	2,780,107	2,591,989
Maintenance	191,518	348,077	1,385,092	2,429,443	1,964,055	3,358,686
Total	365,232	521,588	3,643,472	4,505,427	4,744,162	5,950,675
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	2.490	1.205	1.470	0.781	1.605	0.932
Operation	1.184	0.401	0.911	0.360	0.940	0.406
Maintenance	1.306	0.804	0.559	0.421	0.664	0.526
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	33,628.0	41,673.0	291,552.0	305,760.0	363,724.0	407,223.0
Station Use (MWHR)	143.0	187.0	2,213.0	2,024.0	2,955.0	2,774.0
Generation - Net (MWHR)	33,485.0	41,486.0	289,339.0	303,736.0	360,769.0	404,449.0
Energy Input for Pumping (MWHR)	47,419.0	57,993.0	406,575.0	424,684.0	504,663.0	567,827.0
Generation Less Pumping Energy (MWHR)	(13,934.0)	(16,507.0)	(117,236.0)	(120,948.0)	(143,894.0)	(163,378.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	157,007	146,406	1,419,358	1,469,940	1,938,169	2,040,552
Maintenance	247,050	61,363	1,268,537	971,098	1,595,931	1,239,843
Total	404,057	207,769	2,687,895	2,441,038	3,534,100	3,280,394
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.207	0.501	0.929	0.804	0.980	0.811
Operation	0.469	0.353	0.491	0.484	0.537	0.505
Maintenance	0.738	0.148	0.438	0.320	0.442	0.307
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	59,915.5	92,183.0	706,257.5	774,015.0	955,663.5	991,853.0
Station Use (MWHR)	339.0	536.0	3,930.0	4,696.0	5,447.0	6,038.0
Generation - Net (MWHR)	59,576.5	91,647.0	702,327.5	769,319.0	950,216.5	985,815.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	59,576.5	91,647.0	702,327.5	769,319.0	950,216.5	985,815.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	256,053	257,248	2,282,980	2,274,961	3,139,312	3,065,776
Maintenance	32,939	70,366	497,418	691,222	910,569	1,156,600
Total	288,992	327,614	2,780,398	2,966,183	4,049,881	4,222,376
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.485	0.357	0.396	0.386	0.426	0.428
Operation	0.430	0.281	0.325	0.296	0.330	0.311
Maintenance	0.055	0.077	0.071	0.090	0.096	0.117
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)						
Total Production Cost Fuel - Coal Fuel Handling		- -			- 	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil						<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	0.0	0.0	41,255.2	44,934.3	43,888.0	62,416.0
Station Use (MWHR)	0.0	0.0	6,760.5	7,843.1	7,178.0	10,741.4
Generation - Net (MWHR)	-	-	34,494.7	37,091.1	36,710.0	51,674.6
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u>-</u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	34,494.7	37,091.1	36,710.0	51,674.6
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	2,367,511	(39)	3,875,694	1,729,225	3,965,696	2,338,261
Fuel Handling	-	-	-	-	-	-
Operations	118,148	27,534	363,308	302,442	446,066	433,515
Maintenance	325,678	126,140	1,443,996	1,062,187	1,983,715	1,755,859
Total	2,811,337	153,634	5,682,998	3,093,854	6,395,478	4,527,634
Quantity of Fuel Burned						
Natural Gas - MCF	-	(12)	450,827	519,832	477,693	715,036
Production Cost per Net KWH						
Generated	-	-	16.475	8.341	17.422	
Fuel	-	-	11.236	4.662	10.803	4.525
Operation	-	-	1.053	0.815		
Maintenance	-	-	4.186	2.864	5.404	3.398
% of Total BTU Burned						
Gas	-	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	-	-	13,069.467	14,014.996	13,012.629	13,837.282

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month	_	Prior Year ame Month	Current Year Year-to-Date	Prior Year Year-to-Date	Current Year 12 Months End	Prior Year 12 Months End
_	Activity		Activity	Activity	Activity	Activity	Activity
Natural Gas		-	328.833	859.686	332.651	830.177	327.013

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	686.4	720.2	5,012.8	4,742.9	6,263.7	5,990.4
Generation - Net (MWHR)	686.4	720.2	5,012.8	4,742.9	6,263.7	5,990.4
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	686.4	720.2	5,012.8	4,742.9	6,263.7	5,990.4
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	638	3,029	5,898	5,333	30,980
Maintenance	1,787	-	29,475	-	29,475	<u> </u>
Total	1,787	638	32,504	5,898	34,808	30,980
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.260	0.089	0.648	0.124	0.556	0.517
Operation	-	0.089	0.060	0.124	0.085	0.517
Maintenance	0.260	-	0.588	-	0.471	-
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,500	6,600	65,975	47,749	85,775	57,419
Fuel Handling	-	-	-	-	-	-
Operations	134,343	99,241	841,932	1,054,036	1,197,192	1,347,936
Maintenance	1,202,964	1,106	2,275,981	319,401	2,639,214	770,844
Total	1,344,807	106,947	3,183,888	1,421,186	3,922,181	2,176,199
Quantity of Fuel Burned						
Natural Gas - MCF	1,081,647	1,083,200	4,336,614	3,520,240	4,627,891	3,780,761
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	27,412.4	18,436.0	60,471.4	61,321.0	63,189.4	70,790.0
Generation - Net (MWHR)	27,412.4	18,436.0	60,471.4	61,321.0	63,189.4	70,790.0
Energy Input for Pumping (MWHR)		-		<u>-</u>	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	27,412.4	18,436.0	60,471.4	61,321.0	63,189.4	70,790.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	1,031,676	724,477	2,767,991	2,749,355	3,068,691	3,012,195
Fuel Handling	-	-	-	-	-	-
Operations	35,334	45,901	420,880	400,012	579,005	552,424
Maintenance	112,511	66,417	583,406	681,297	728,316	958,308
Total	1,179,521	836,795	3,772,277	3,830,664	4,376,012	4,522,928
Quantity of Fuel Burned						
Natural Gas - MCF	308,705	209,375	678,055	679,351	708,457	668,792
Production Cost per Net KWH						
Generated	4.303	4.539	6.238	6.247	6.925	6.389
Fuel	3.764	3.930	4.577	4.484	4.856	4.255
Operation	0.129	0.249	0.696	0.652	0.916	0.780
Maintenance	0.410	0.360	0.965	1.111	1.153	1.354
% of Total BTU Burned						
Gas	56.60%	67.48%	58.98%	40.02%	60.17%	30.47%
Oil	43.40%	32.52%	41.02%	59.98%	39.83%	69.53%
BTU Per Net KWH Generation						
Gas	6,467.417	7,865.308	6,743.013	4,561.807	6,879.875	2,965.822
Oil	4,959.864	3,790.312	4,690.113	6,835.609	4,555.005	6,767.968

Cost Per MMBTU Burned

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	581.923	499.623	678.829	982.844	705.876	1,434.717

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	-	-	41	-	1,744
Maintenance	1,470	-	1,470	415	1,470	415
Total	1,470	-	1,470	457	1,470	2,160
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	423.0		2,388.0	1,260.0	2,868.0	1,413.0
Generation - Net (MWHR)	423.0	-	2,388.0	1,260.0	2,868.0	1,413.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	423.0	-	2,388.0	1,260.0	2,868.0	1,413.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	18,550	5	176,988	50,811	198,444	57,394
Fuel Handling	-	-	-	-	-	-
Operations	2,145	3,800	29,014	27,763	38,835	33,526
Maintenance	5,508	(64,259)	39,844	29,615	136,913	171,983
Total	26,202	(60,454)	245,847	108,189	374,192	262,903
Quantity of Fuel Burned						
Natural Gas - MCF	5,934	-	31,758	16,127	38,428	18,190
Oil - Gallons	-	-	13,424	-	13,424	-
Production Cost per Net KWH						
Generated	6.194	-	10.295	8.586	13.047	18.606
Fuel	4.385	-	7.412	4.033	6.919	4.062
Operation	0.507	-	1.215	2.203	1.354	2.373
Maintenance	1.302	-	1.669	2.350	4.774	12.171
% of Total BTU Burned						
Gas	100.00%	-	93.98%	90.53%	91.78%	91.60%
Oil	-	-	6.02%	9.47%	8.22%	8.40%
BTU Per Net KWH Generation						
Gas	14,198.582	-	13,515.913	11,903.725	13,174.396	12,113.018
Oil	-	-	866.034	1,245.481	1,180.586	1,110.620

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	308.858	-	548.359	338.767	525.204	335.330

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	320.0	-	1,082.0	263.0	1,082.0	263.0
Station Use (MWHR)	34.0	32.0	435.0	387.0	599.0	527.0
Generation - Net (MWHR)	286.0	(32.0)	647.0	(124.0)	483.0	(264.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	286.0	(32.0)	647.0	(124.0)	483.0	(264.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	96,736	4,772	322,430	85,658	322,430	85,658
Fuel Handling	-	-	-	-	-	-
Operations	2,921	2,060	25,286	17,070	33,388	22,485
Maintenance	4,628	2,041	39,690	43,279	55,762	67,972
Total	104,285	8,873	387,406	146,007	411,580	176,115
Quantity of Fuel Burned						
Oil - Gallons	30,451	1,420	97,613	25,490	97,613	25,490
Production Cost per Net KWH						
Generated	36.463	(27.728)	59.877	(117.747)	85.213	(66.710)
Fuel	33.824	(14.912)	49.835	(69.079)	66.756	(32.446)
Operation	1.021	(6.438)	3.908	(13.766)	6.913	(8.517)
Maintenance	1.618	(6.378)	6.135	(34.902)	11.545	(25.747)
% of Total BTU Burned						
Oil	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	14,586.668	(6,079.375)	20,669.213	(28,162.339)	27,687.331	(13,227.765)

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
_				_		

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	-	5.0		5.0
Generation - Net (MWHR)	-	-	-	5.0	-	5.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	-	-	5.0	-	5.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	1,324	-	1,378
Fuel Handling	-	-	-	-	-	-
Operations	2,883	2,406	27,850	24,768	35,202	30,821
Maintenance	1,553	16,520	21,563	45,773	23,603	62,335
Total	4,437	18,925	49,412	71,865	58,804	94,533
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	131	-	131
Production Cost per Net KWH						
Generated	-	-	-	1,437.298	-	1,890.659
Fuel	-	-	-	26.475		27.555
Operation	-	-	-	495.354	-	616.410
Maintenance	-	-	-	915.468	-	1,246.693
% of Total BTU Burned						
Gas	-	-	-	50.00%	-	50.00%
Oil	-	-	-	50.00%	-	50.00%
BTU Per Net KWH Generation						
Gas	-	-	-	52,200.000	-	52,200.000
Oil	-	-	-	52,200.000	-	52,200.000

Cost Per MMBTU Burned

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-		- 507.192	!	527.881

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	390.0	-	724.0	286.0	724.0	286.0
Station Use (MWHR)	9.0	4.0	306.0	320.0		455.0
Generation - Net (MWHR)	381.0		418.0	(34.0)		
Energy Input for Pumping (MWHR)	-	-	-	· · · · · -	-	-
Generation Less Pumping Energy (MWHR)	381.0	(4.0)	418.0	(34.0)	290.0	(169.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	90,430	491	165,987	67,936	165,987	67,936
Fuel Handling	-	-	-	-	-	-
Operations	2,869	2,210	25,094	17,685	34,034	23,035
Maintenance	3,409	6,993	46,614	53,109	66,922	72,975
Total	96,708	9,693	237,696	138,730	266,944	163,946
Quantity of Fuel Burned						
Oil - Gallons	35,169	191	64,554	26,421	64,554	26,421
Production Cost per Net KWH						
Generated	25.383	(242.336)	56.865	(408.030)	92.050	(97.009)
Fuel	23.735	(12.278)	39.710	(199.812)	57.237	(40.199)
Operation	0.753	(55.240)	6.003	(52.014)	11.736	(13.630)
Maintenance	0.895	(174.818)	11.152	(156.204)	23.077	(43.180)
% of Total BTU Burned						
Oil	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	13,390.563	(6,926.873)	22,403.231	(112,728.601)	32,291.554	(22,679.127)

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	373.0	-	707.0	116.0	707.0	116.0
Station Use (MWHR)	29.0	28.0	335.0	313.0	437.0	463.0
Generation - Net (MWHR)	344.0	(28.0)	372.0	(197.0)		
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	344.0	(28.0)	372.0	(197.0)	270.0	(347.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	13,543	5,991	57,794	21,985	57,794	21,985
Fuel Handling	-	-	-	-	-	-
Operations	3,018	2,810	25,119	17,695	32,612	23,107
Maintenance	2,048	1,597	73,967	55,801	102,681	80,439
Total	18,609	10,398	156,880	95,481	193,087	125,532
Quantity of Fuel Burned						
Oil - Gallons	8,434	3,731	35,993	13,692	35,993	13,692
Production Cost per Net KWH						
Generated	5.409	(37.134)	42.172	(48.468)	71.514	(36.176)
Fuel	3.937	(21.396)	15.536	(11.160)	21.405	(6.336)
Operation	0.877	(10.036)	6.752	(8.982)	12.079	(6.659)
Maintenance	0.595	(5.703)	19.884	(28.325)	38.030	(23.181)
% of Total BTU Burned						
Oil	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	3,359.049	(18,255.250)	13,255.487	(9,521.848)	18,263.115	(5,405.775)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	249.0	-	732.0	130.0	732.0	130.0
Station Use (MWHR)	26.0	26.0	307.0	237.0	414.0	331.0
Generation - Net (MWHR)	223.0	(26.0)	425.0	(107.0)	318.0	(201.0)
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	223.0	(26.0)	425.0	(107.0)	318.0	(201.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	32,646	-	102,364	440,836	102,364	440,836
Fuel Handling	-	-	-	-	-	-
Operations	2,862	2,864	25,436	19,216	32,904	24,990
Maintenance	3,557	4,762	47,262	124,184	62,526	138,414
Total	39,066	7,626	175,062	584,236	197,794	604,240
Quantity of Fuel Burned						
Oil - Gallons	18,087	-	60,605	13,431	60,605	13,431
Production Cost per Net KWH						
Generated	17.518	(29.331)	41.191	(546.015)	62.199	(300.617)
Fuel	14.640	-	24.086	(411.997)	32.190	(219.322)
Operation	1.283	(11.015)	5.985	(17.959)	10.347	(12.433)
Maintenance	1.595	(18.315)	11.120	(116.060)	19.662	(68.862)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	11,179.117	-	19,683.596	(14,980.343)	26,306.693	(7,974.611)

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			. <u>-</u>
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Maintenance			131		- 131	<u> </u>
Total			131		- 131	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	13,713.0	11,229.0	29,706.0	21,048.0	29,812.0	21,542.0
Generation - Net (MWHR)	13,713.0		29,706.0	21,048.0		
Energy Input for Pumping (MWHR)	· -	· -	· -	· -	· -	-
Generation Less Pumping Energy (MWHR)	13,713.0	11,229.0	29,706.0	21,048.0	29,812.0	21,542.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	619,234	553,904	1,762,743	1,484,895	1,959,511	1,638,812
Fuel Handling	-	-	-	-	-	-
Operations	81	1,611	37,060	29,507	69,954	47,082
Maintenance	51,411	58,086	390,095	415,360	526,851	520,179
Total	670,726	613,601	2,189,898	1,929,762	2,556,317	2,206,073
Quantity of Fuel Burned						
Natural Gas - MCF	178,150	147,419	391,332	273,685	393,081	281,504
Production Cost per Net KWH						
Generated	4.891	5.464	7.372	9.168	8.575	10.241
Fuel	4.516	4.933	5.934	7.055	6.573	7.608
Operation	0.001	0.014	0.125	0.140	0.235	0.219
Maintenance	0.375	0.517	1.313	1.973	1.767	2.415
% of Total BTU Burned						
Gas	4.64%	56.13%	23.46%	54.49%	23.74%	55.69%
Oil	95.36%	43.87%	76.54%	45.51%	76.26%	44.31%
BTU Per Net KWH Generation						
Gas	619.240	7,551.998	3,174.063	7,279.487	3,214.904	7,477.471
Oil	12,734.294	5,902.895	10,354.113	6,080.927	10,325.382	5,949.044

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	7,292.285	653.178	1,869.516	969.135	2,044.507	1,017.392

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	2,857.0	8,112.0	13,711.0	10,032.0	13,694.0	10,032.0
Station Use (MWHR)	136.0	170.0	1,656.0	1,573.0	2,231.0	2,216.0
Generation - Net (MWHR)	2,721.0	7,942.0	12,055.0	8,459.0	11,463.0	7,816.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	2,721.0	7,942.0	12,055.0	8,459.0	11,463.0	7,816.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	135,323	336,555	747,641	626,511	865,060	670,880
Fuel Handling	-	-	-	-	-	-
Operations	8,203	6,388	94,524	92,864	142,832	112,231
Maintenance	98,371	48,690	448,037	424,652	570,054	533,521
Total	241,898	391,633	1,290,202	1,144,027	1,577,946	1,316,632
Quantity of Fuel Burned						
Natural Gas - MCF	35,099	94,041	167,940	118,358	168,704	119,189
Production Cost per Net KWH						
Generated	8.890		10.703	13.524	13.766	
Fuel	4.973		6.202	7.406	7.547	
Operation	0.301	0.080	0.784	1.098	1.246	
Maintenance	3.615	0.613	3.717	5.020	4.973	6.826
% of Total BTU Burned						
Gas	91.47%	84.86%	82.38%	84.17%	82.00%	83.59%
Oil	8.53%	15.14%	17.62%	15.83%	18.00%	16.41%
BTU Per Net KWH Generation						
Gas	12,056.311	10,476.701	11,755.842	12,246.917	12,362.908	13,254.436
Oil	1,123.770	1,868.678	2,514.088	2,303.030	2,713.076	2,601.501

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	412.506	404.484	527.561	604.760	610.418	647.588

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	27,483.7	14,359.0	126,572.7	93,279.0	136,167.7	98,443.0
Station Use (MWHR)	471.0	259.0	3,612.0	3,065.0	3,960.0	3,988.0
Generation - Net (MWHR)	27,012.7	14,100.0	122,960.7	90,214.0	132,207.7	94,455.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	27,012.7	14,100.0	122,960.7	90,214.0	132,207.7	94,455.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	950,522	631,567	4,695,695	3,919,172	5,207,977	4,414,975
Fuel Handling	-	-	-	-	-	-
Operations	6,863	18,858	224,666	211,952	295,158	271,200
Maintenance	135,065	114,680	1,392,565	1,007,160	1,810,256	1,349,846
Total	1,092,450	765,106	6,312,925	5,138,283	7,313,391	6,036,021
Quantity of Fuel Burned						
Natural Gas - MCF	271,705	156,097	1,236,943	931,460	1,335,777	1,002,495
Production Cost per Net KWH						
Generated	4.044	5.426	5.134	5.696	5.532	6.390
Fuel	3.519	4.479	3.819	4.344	3.939	4.674
Operation	0.025	0.134	0.183	0.235	0.223	0.287
Maintenance	0.500	0.813	1.133	1.116	1.369	1.429
% of Total BTU Burned						
Gas	71.77%	75.49%	81.05%	73.81%	82.11%	72.40%
Oil	28.23%	24.51%	18.95%	26.19%	17.89%	27.60%
BTU Per Net KWH Generation						
Gas	7,390.425	8,732.395	8,365.912	7,861.820	8,515.729	7,923.625
Oil	2,907.583	2,834.910	1,955.916	2,789.088	1,855.310	3,020.454

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	476.129	512.941	456.478	552.583	462.584	589.901

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,160.0	1,228.0	8,331.0	5,075.0	9,211.0	5,075.0
Station Use (MWHR)	1.0	1.0	7.0	3.0	7.0	4.0
Generation - Net (MWHR)	3,159.0	1,227.0	8,324.0	5,072.0	9,204.0	5,071.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	3,159.0	1,227.0	8,324.0	5,072.0	9,204.0	5,071.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	230,902	160,955	1,291,973	1,124,436	1,676,037	1,440,445
Fuel Handling	-	-	-	-	-	-
Operations	1,709	1,524	54,548	46,399	86,303	62,862
Maintenance	37,794	34,369	372,975	411,113	526,421	573,382
Total	270,405	196,848	1,719,496	1,581,948	2,288,760	2,076,689
Quantity of Fuel Burned						
Natural Gas - MCF	41,184	16,814	107,313	66,707	121,081	66,707
Production Cost per Net KWH						
Generated	8.560	16.043	20.657	31.190	24.867	40.952
Fuel	7.309	13.118	15.521	22.169	18.210	28.406
Operation	0.054	0.124	0.655	0.915	0.938	1.240
Maintenance	1.196	2.801	4.481	8.106	5.719	11.307
% of Total BTU Burned						
Gas	78.24%	18.09%	52.08%	22.50%	57.44%	22.50%
Oil	21.76%	81.91%	47.92%	77.50%	42.56%	77.50%
BTU Per Net KWH Generation						
Gas	10,456.722	2,484.736	6,852.352	2,973.919	7,696.869	2,974.506
Oil	2,907.950	11,253.651	6,305.504	10,241.381	5,702.631	10,243.400

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	699.009	5,279.355	2,265.070	7,454.637	2,365.880	9,549.669

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	9,747.6	10,962.0	86,328.6	50,101.0	92,816.6	62,676.0
Station Use (MWHR)	156.0	113.0	1,478.0	1,399.0	1,948.0	1,893.0
Generation - Net (MWHR)	9,591.6	10,849.0	84,850.6	48,702.0	90,868.6	60,783.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	9,591.6	10,849.0	84,850.6	48,702.0	90,868.6	60,783.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	507,005	607,719	3,589,403	3,247,772	4,033,870	3,834,720
Fuel Handling	-	-	-	-	-	-
Operations	26,663	22,681	302,855	303,582	404,445	403,328
Maintenance	25,919	89,336	1,228,613	591,577	1,359,899	749,947
Total	559,586	719,736	5,120,872	4,142,931	5,798,215	4,987,995
Quantity of Fuel Burned						
Natural Gas - MCF	104,762	117,377	931,414	540,032	1,001,090	634,076
Production Cost per Net KWH						
Generated	5.834	6.634	6.035	8.507	6.381	8.206
Fuel	5.286	5.602	4.230	6.669	4.439	6.309
Operation	0.278	0.209	0.357	0.623	0.445	0.664
Maintenance	0.270	0.823	1.448	1.215	1.497	1.234
% of Total BTU Burned						
Gas	68.61%	86.10%	81.45%	84.90%	81.61%	77.35%
Oil	31.39%	13.90%	18.55%	15.10%	18.39%	22.65%
BTU Per Net KWH Generation						
Gas	7,632.217	9,568.054	9,142.291	9,656.041	9,191.588	8,290.014
Oil	3,492.193	1,544.860	2,081.871	1,718.009	2,070.717	2,427.818

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	692.580	585.450	462.714	690.621	482.967	761.020

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Sep Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	22,938.7	16,341.0	44,965.7	31,335.0	46,670.7	33,597.0
Station Use (MWHR)	0.2	2.0	12.5	17.0	18.5	23.0
Generation - Net (MWHR)	22,938.6	16,339.0	44,953.2	31,318.0	46,652.2	33,574.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	22,938.6	16,339.0	44,953.2	31,318.0	46,652.2	33,574.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	843,074	795,601	2,562,246	2,506,280	2,948,823	2,955,967
Fuel Handling	-	-	-	-	-	-
Operations	9,540	4,410	108,475	16,342	167,553	23,557
Maintenance	38,269	68,101	484,429	686,091	762,542	894,612
Total	890,884	868,113	3,155,149	3,208,713	3,878,918	3,874,136
Quantity of Fuel Burned						
Natural Gas - MCF	270,017	195,460	485,192	375,015	506,246	403,225
Production Cost per Net KWH						
Generated	3.884	5.313	7.019	10.246		
Fuel	3.675		5.700	8.003	6.321	
Operation	0.042	0.027	0.241	0.052	0.359	0.070
Maintenance	0.167	0.417	1.078	2.191	1.635	2.665
% of Total BTU Burned						
Gas	12.67%	11.79%	37.59%	6.89%	40.15%	10.46%
Oil	87.33%	88.21%	62.41%	93.11%	59.85%	89.54%
BTU Per Net KWH Generation						
Gas	1,517.888	1,445.607	4,135.854	845.385	4,442.706	1,287.747
Oil	10,459.274	10,817.445	6,868.113	11,420.118	6,622.465	11,027.646

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	2,421.362	3,368.369	1,378.144	9,466.323	1,422.750	6,837.006

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Sep Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost						
Fuel - Coal			-	·	·	. <u>-</u>
Fuel Handling			-	· -	·	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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-	39
Kinmundy CTG ACTUAL 2018 Oct. UEC 7K. «Entity: Comm Total». UCD Tonl. T. ALL. DMC. ALL. DN. ALL.	
ACTUAL, 2018, Oct, UEC.7K, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL, ACTV ALL</entity>	41
=	41
Pinckneyville CTG	
ACTUAL, 2018, Oct, UEC.7P, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	42
ACTV_ALL	43
Racoon Creek CTG	
ACTUAL, 2018, Oct, UEC.7R, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	4.7
ACTV_ALL	45
Peno Creek CTG	
ACTUAL, 2018, Oct, UEC.98, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	4.7
ACTV_ALL	47
Audrain CTG	
ACTUAL, 2018, Oct, UEC.7A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	49
Sioux-Rush Island Transfer Facility	
ACTUAL, 2018, Oct, UEC.5C, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	51

Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,659,179.6	3,111,242.4	38,291,305.0	37,726,533.5	44,635,524.3	44,363,772.8
Station Use (MWHR)	175,163.6	178,025.0	2,031,744.3	2,013,802.1	2,411,627.8	2,374,436.4
Generation - Net (MWHR)	3,484,016.0	2,933,217.4	36,259,560.7	35,712,731.4	42,223,896.5	41,989,336.4
Energy Input for Pumping (MWHR)	20,540.0	47,876.0	427,115.0	472,560.0	477,327.0	570,220.0
Generation Less Pumping Energy (MWHR)	3,463,476.0	2,885,341.4	35,832,445.7	35,240,171.4	41,746,569.5	41,419,116.4
Total Production Cost						
Fuel - Coal	45,031,429	58,410,476	509,518,445	561,876,071	619,063,939	651,028,392
Fuel - Natural Gas	4,012,530	1,309,646	28,536,508	20,784,574	29,851,807	22,757,302
Fuel - Oil	241,279	257,380	2,720,359	1,718,721	3,182,989	2,562,976
Fuel Handling	587,710	940,110	7,064,294	8,066,013	8,456,444	9,394,191
Nuclear	7,933,020	1,313,467	79,524,340	72,560,210	82,585,358	89,039,574
Operations	9,625,995	14,027,980	111,495,356	111,015,300	135,194,811	133,623,069
Maintenance	14,881,963	24,425,425	122,528,095	120,826,989	157,438,312	146,192,910
Total	82,313,925	100,684,485	861,387,399	896,847,879	1,035,773,660	1,054,598,413
Quantity of Fuel Burned						
Coal - Tons	1,384,220	1,572,111	14,675,210	15,003,803	17,646,724	17,320,538
Nuclear - MMBTU	9,046,668	1,688,400	88,596,305	79,933,525	92,019,952	97,739,120
Natural Gas - MCF	2,451,158	279,201	11,953,975	7,742,833	12,276,930	8,364,353
Oil - Gallons	150,107	149,193	1,563,710	1,155,905	1,825,868	1,694,988
Production Cost per Net KWH						
Generated	2.363	3.433	2.376	2.511	2.453	2.512
Fuel	1.415	2.045	1.491	1.636	1.544	1.611
Fuel Handling	0.017	0.032	0.019	0.023	0.020	0.022
Nuclear Fuel Burned	0.228	0.045	0.219	0.203	0.196	0.212
Operation	0.276	0.478	0.307	0.311	0.320	0.318
Maintenance	0.427	0.833	0.338	0.338	0.373	0.348

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	70.85%	93.67%	73.12%	75.73%	75.87%	74.74%
Nuclear	26.21%	5.78%	25.05%	23.02%		24.08%
Gas	2.78%	0.47%	1.37%	0.82%		0.76%
Oil	0.15%	0.09%	0.46%	0.42%	0.41%	0.42%
BTU Per Net KWH Generation						
Coal	7,018.972	9,333.181	7,133.530	7,361.443	7,351.403	7,225.972
Nuclear	2,596.621	575.614	2,443.392	2,238.236	2,179.333	2,327.713
Gas	275.550	46.376	133.302	80.175	118.239	73.456
Oil	15.202	8.724	45.248	41.230	40.092	40.813
BTU Per Pound of Coal	8,833	8,707	8,813	8,761	8,795	8,759
Cost Per MMBTU Burned						
Coal	186.549	216.796	199.716	216.793	202.162	217.664
Nuclear	87.690	77.794	89.760	90.776	89.747	91.099
Natural Gas	417.963	962.765	590.395	725.904	597.932	737.830
Cost Per Ton of Coal Burned						
Coal	32.532	37.154	34.720	37.449	35.081	37.587
Coal Handling	0.367	0.532	0.387	0.459	0.387	0.461
Total	32.899	37.686	35.107	37.908	35.468	38.048

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	947,278.5	170,762.0	9,229,367.0	8,355,940.0	9,588,701.0	10,240,850.0
Station Use (MWHR)	40,446.0	14,860.0	394,001.0	368,715.0	436,433.0	446,092.0
Generation - Net (MWHR)	906,832.5	155,902.0	8,835,366.0	7,987,225.0	9,152,268.0	9,794,758.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	906,832.5	155,902.0	8,835,366.0	7,987,225.0	9,152,268.0	9,794,758.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,933,020	1,313,467	79,524,340	72,560,210	82,585,358	89,039,574
Operations	5,112,456	9,487,649	61,071,224	61,547,667	74,461,008	74,307,457
Maintenance	3,639,080	16,094,726	35,887,784	49,141,974	54,170,677	58,077,789
Total	16,684,556	26,895,842	176,483,348	183,249,851	211,217,043	221,424,819
Quantity of Fuel Burned						
Nuclear - MMBTU	9,046,668	1,688,400	88,596,305	79,933,525	92,019,952	97,739,120
Production Cost per Net KWH						
Generated	1.840	17.252	1.997	2.294	2.308	2.261
Nuclear Fuel Burned	0.875		0.900	0.908	0.902	0.909
Operation	0.564	6.086	0.691	0.771	0.814	0.759
Maintenance	0.401	10.324	0.406	0.615	0.592	0.593
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,976.117	10,829.880	10,027.463	10,007.672	10,054.333	9,978.717

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	87.690	77.794	89.760	90.776	89.747	91.099

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	120.0	120.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	120.0	120.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	120.0	120.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	65,112.0	178,637.0	1,444,731.0	1,102,490.0	1,586,390.0	1,336,206.0
Station Use (MWHR)	2,708.4	20,296.0	167,464.1	134,929.0	192,885.1	159,466.0
Generation - Net (MWHR)	62,403.6	158,341.0	1,277,266.9	967,561.0	1,393,504.9	1,176,740.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	62,403.6	158,341.0	1,277,266.9	967,561.0	1,393,504.9	1,176,740.0
Total Production Cost						
Fuel - Coal	727,874	3,974,282	24,815,165	24,461,121	28,367,599	31,162,593
Fuel - Natural Gas	987,522	30,690	3,326,577	1,401,673	3,447,296	1,531,906
Fuel Handling	114,307	79,684	864,998	1,058,580	1,055,444	1,383,417
Operations	667,166	666,690	7,076,044	7,332,656	8,420,677	8,663,843
Maintenance	510,465	665,146	8,548,956	9,160,320	10,209,983	10,782,583
Total	3,007,335	5,416,491	44,631,741	43,414,350	51,501,000	53,524,341
Quantity of Fuel Burned						
Coal - Tons	24,449	105,723	784,033	647,744	878,153	824,839
Natural Gas - MCF	287,757	8,152	973,186	430,846	1,006,130	466,841
Oil - Gallons	3,485	2,656	47,290	34,845	56,722	49,210
Production Cost per Net KWH						
Generated	4.819	3.421	3.494	4.487	3.696	4.549
Fuel	2.749	2.529	2.203	2.673	2.283	2.778
Fuel Handling	0.183	0.050	0.068	0.109	0.076	0.118
Operation	1.069	0.421	0.554	0.758	0.604	0.736
Maintenance	0.818	0.420	0.669	0.947	0.733	0.916
% of Total BTU Burned						
Coal	59.79%	99.55%	93.33%	96.19%	93.79%	96.74%
Gas	40.21%	0.45%	6.67%	3.81%	6.21%	3.26%
Oil	-	-	-	-	-	-

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	6,980.431	11,508.142	10,865.094	11,559.462	11,127.860	12,106.480
Gas	4,694.953	52.507	776.807	457.685	736.442	408.089
BTU Per Pound of Coal	8,908	8,618	8,850	8,633	8,829	8,636
Cost Per MMBTU Burned						
Coal	193.336	222.475	185.047	228.171	189.744	228.454
Natural Gas	337.059	369.134	335.276	316.520	335.917	319.004
Cost Per Ton of Coal Burned						
Coal	29.771	37.591	31.651	37.764	32.304	37.780
Coal Handling	4.652	0.728	1.096	1.589	1.189	1.635
Total	34.423	38.319	32.747	39.353	33.493	39.416

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	365,548.0	253,133.0	5,094,685.6	4,547,083.0	5,956,937.6	5,060,570.0
Station Use (MWHR)	26,866.0	19,642.0	374,029.0	364,084.0	441,188.0	418,042.0
Generation - Net (MWHR)	338,682.0	233,491.0	4,720,656.6	4,182,999.0	5,515,749.6	4,642,528.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	338,682.0	233,491.0	4,720,656.6	4,182,999.0	5,515,749.6	4,642,528.0
Total Production Cost						
Fuel - Coal	6,729,052	5,128,024	91,944,728	90,949,202	106,289,044	99,861,821
Fuel - Oil	7,923	63,511	275,158	203,417	377,752	458,306
Fuel Handling	145,317	365,904	2,084,538	2,079,038	2,329,840	2,543,134
Operations	726,988	705,278	8,334,576	8,787,228	10,205,242	10,696,679
Maintenance	3,334,270	3,517,772	18,344,034	18,834,637	24,425,189	23,250,333
Total	10,943,549	9,780,489	120,983,033	120,853,522	143,627,067	136,810,273
Quantity of Fuel Burned						
Coal - Tons	199,924	137,709	2,619,530	2,430,044	3,011,375	2,664,962
Oil - Gallons	3,516	34,488	138,194	119,400	191,263	274,327
Production Cost per Net KWH						
Generated	3.231	4.189	2.563	2.889	2.604	2.947
Fuel	1.989	2.223	1.954	2.179	1.934	2.161
Fuel Handling	0.043	0.157	0.044	0.050	0.042	0.055
Operation	0.215	0.302	0.177	0.210	0.185	0.230
Maintenance	0.984	1.507	0.389	0.450	0.443	0.501
% of Total BTU Burned						
Coal	99.99%	99.81%	99.96%	99.96%	99.95%	99.92%
Oil	0.01%	0.19%	0.04%	0.04%	0.05%	0.08%
BTU Per Net KWH Generation						
Coal	10,905.689	10,782.574	10,233.596	10,609.905	10,046.115	10,472.678

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	1.422	20.236	4.011	3.911	4.751	8.095
BTU Per Pound of Coal	9,237	9,141	9,221	9,132	9,200	9,122
Cost Per MMBTU Burned Coal	186.118	218.218	194.640	209.612	196.021	210.624
Cost Per Ton of Coal Burned						
Coal	33.658	37.238	35.100	37.427	35.296	37.472
Coal Handling	0.600	2.541	0.715	0.803	0.694	0.901
Total	34.258	39.779	35.815	38.230	35.990	38.373

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,230,030.0	1,508,415.0	14,206,551.3	13,987,173.0	17,209,615.3	16,860,264.0
Station Use (MWHR)	58,914.0	75,217.0	705,158.0	697,131.0	851,869.0	839,965.0
Generation - Net (MWHR)	1,171,116.0	1,433,198.0	13,501,393.3	13,290,042.0	16,357,746.3	16,020,299.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,171,116.0	1,433,198.0	13,501,393.3	13,290,042.0	16,357,746.3	16,020,299.0
Total Production Cost						
Fuel - Coal	20,746,769	32,154,108	263,246,006	293,080,693	320,364,563	348,178,464
Fuel - Oil	127,515	92,203	1,264,849	1,023,375	1,535,733	1,353,243
Fuel Handling	225,951	378,899	3,136,982	3,864,629	3,943,209	3,983,408
Operations	1,111,764	1,468,271	15,380,526	14,771,974	18,566,600	17,564,063
Maintenance	4,090,986	1,786,412	26,690,146	20,794,033	30,990,322	24,671,418
Total	26,302,985	35,879,891	309,718,508	333,534,705	375,400,427	395,750,596
Quantity of Fuel Burned						
Coal - Tons	683,343	854,544	7,723,130	7,746,604	9,240,766	9,167,748
Oil - Gallons	57,585	54,000	616,561	620,271	766,260	823,292
Production Cost per Net KWH						
Generated	2.246	2.503	2.294	2.510	2.295	2.470
Fuel	1.782	2.250	1.959	2.213	1.968	2.182
Fuel Handling	0.019	0.026	0.023	0.029	0.024	0.025
Operation	0.095	0.102	0.114	0.111	0.114	0.110
Maintenance	0.349	0.125	0.198	0.156	0.189	0.154
% of Total BTU Burned						
Coal	99.93%	99.95%	99.94%	99.94%	99.94%	99.93%
Oil	0.07%	0.05%	0.06%	0.06%	0.06%	0.07%
BTU Per Net KWH Generation						
Coal	10,326.188	10,470.103	10,098.411	10,241.293	9,963.287	10,053.271

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	6.840	5.162	6.218	6.394	6.386	7.040
BTU Per Pound of Coal	8,849	8,780	8,827	8,785	8,818	8,784
Cost Per MMBTU Burned Coal	173.426	216.804	195.378	218.170	198.990	218.657
Cost Per Ton of Coal Burned						
Coal	30.361	37.627	34.085	37.833	34.669	37.979
Coal Handling	0.291	0.358	0.287	0.398	0.308	0.331
Total	30.652	37.985	34.373	38.232	34.977	38.309

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	880,310.0	851,136.0	6,471,396.2	7,598,703.0	8,200,199.2	8,452,105.0
Station Use (MWHR)	44,243.0	45,722.0	362,128.0	419,714.0	454,986.0	474,487.0
Generation - Net (MWHR)	836,067.0	805,414.0	6,109,268.2	7,178,989.0	7,745,213.2	7,977,618.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	836,067.0	805,414.0	6,109,268.2	7,178,989.0	7,745,213.2	7,977,618.0
Total Production Cost						
Fuel - Coal	16,827,734	17,154,063	129,512,546	153,385,055	164,042,732	171,825,514
Fuel - Oil	105,841	101,667	1,180,353	491,929	1,269,504	751,427
Fuel Handling	102,136	115,623	977,777	1,063,766	1,127,951	1,484,233
Operations	975,250	866,442	9,970,489	9,291,150	11,796,465	10,992,904
Maintenance	1,422,566	1,078,852	19,101,418	11,556,140	21,182,755	14,599,580
Total	19,433,527	19,316,647	160,742,582	175,788,039	199,419,408	199,653,658
Quantity of Fuel Burned						
Coal - Tons	476,504	474,135	3,548,517	4,179,411	4,516,430	4,662,989
Oil - Gallons	44,812	58,049	448,767	302,355	498,725	469,125
Production Cost per Net KWH						
Generated	2.324	2.398	2.631	2.449	2.575	2.503
Fuel	2.025	2.142	2.139	2.143	2.134	2.163
Fuel Handling	0.012	0.014	0.016	0.015	0.015	0.019
Operation	0.117	0.108	0.163	0.129	0.152	0.138
Maintenance	0.170	0.134	0.313	0.161	0.273	0.183
% of Total BTU Burned						
Coal	99.93%	99.90%	99.90%	99.94%	99.91%	99.92%
Oil	0.07%	0.10%	0.10%	0.06%	0.09%	0.08%
BTU Per Net KWH Generation						
Coal	9,845.963	9,970.864	9,842.277	9,921.219	9,878.281	9,964.311

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	7.343	9.874	10.064	5.770	8.822	8.056
BTU Per Pound of Coal	8,638	8,469	8,472	8,521	8,470	8,524
Cost Per MMBTU Burned Coal	205.662	215.047	217.017	216.848	215.883	218.023
Cost Per Ton of Coal Burned						
Coal	35.315	36.180	36.498	36.700	36.321	36.849
Coal Handling	0.159	0.217	0.205	0.197	0.186	0.257
Total	35.474	36.397	36.703	36.897	36.507	37.106

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	52,329.0	22,447.0	306,096.9	604,621.0	334,463.9	628,061.0
Station Use (MWHR)	862.0	•	6,788.0	6,165.0	•	•
Generation - Net (MWHR)	51,467.0		299,308.9	598,456.0		
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	51,467.0	21,346.0	299,308.9	598,456.0	325,762.9	620,081.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	215,384	129,570	2,473,764	2,205,554	2,865,921	2,613,366
Maintenance	338,202	270,688	1,723,295	2,700,131	2,031,570	3,456,631
Total	553,586	400,258	4,197,058	4,905,685	4,897,491	6,069,996
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.076	1.875	1.402	0.820	1.503	0.979
Operation	0.418	0.607	0.826	0.369	0.880	0.421
Maintenance	0.657	1.268	0.576	0.451	0.624	0.557
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	17,168.0	35,895.0	308,720.0	341,655.0	344,997.0	410,442.0
Station Use (MWHR)	148.0	•	2,361.0	2,243.0	•	•
Generation - Net (MWHR)	17,020.0	35,676.0	306,359.0	339,412.0	•	
Energy Input for Pumping (MWHR)	20,540.0	47,876.0	427,115.0	472,560.0	477,327.0	570,220.0
Generation Less Pumping Energy (MWHR)	(3,520.0)	(12,200.0)	(120,756.0)	(133,148.0)	(135,214.0)	(162,610.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	197,878	135,683	1,617,236	1,605,623	2,000,364	2,043,361
Maintenance	301,018	68,687	1,569,556	1,039,785	1,828,262	1,219,363
Total	498,896	204,370	3,186,791	2,645,407	3,828,626	3,262,724
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	2.931	0.573	1.040	0.779	1.119	0.800
Operation	1.163	0.380	0.528	0.473	0.585	0.501
Maintenance	1.769	0.193	0.512	0.306	0.534	0.299
% of Total BTU Burned						
Oil	-	-	-	-	-	=

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	37,824.0	78,122.0	744,081.5	852,137.0	915,365.5	1,006,314.0
Station Use (MWHR)	255.0	•	4,185.0	5,191.0		
Generation - Net (MWHR)	37,569.0	77,627.0	739,896.5	846,946.0	910,158.5	1,000,195.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	37,569.0	77,627.0	739,896.5	846,946.0	910,158.5	1,000,195.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	295,066	246,206	2,578,045	2,521,168	3,188,171	3,080,147
Maintenance	63,316	51,861	560,734	743,083	922,024	1,051,133
Total	358,382	298,067	3,138,780	3,264,250	4,110,195	4,131,280
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.954	0.384	0.424	0.385	0.452	0.413
Operation	0.785	0.317	0.348	0.298	0.350	0.308
Maintenance	0.169	0.067	0.076	0.088	0.101	0.105
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	<u>-</u>	41,255.2	44,934.3	43,888.0	58,148.0
Station Use (MWHR)		-	6,760.5	7,843.1	7,178.0	10,000.4
Generation - Net (MWHR)	-	-	34,494.7	37,091.1	36,710.0	48,147.6
Energy Input for Pumping (MWHR)		-	-	-	-	_
Generation Less Pumping Energy (MWHR)	-	<u>-</u>	34,494.7	37,091.1	36,710.0	48,147.6
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	3,875,694	1,729,225	3,965,696	2,187,805
Fuel Handling	-	-	-	-	-	-
Operations	36,334	26,125	399,642	328,567	456,276	452,636
Maintenance	466,981	221,261	1,910,977	1,283,448	2,229,435	1,900,105
Total	503,315	247,386	6,186,313	3,341,240	6,651,407	4,540,546
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	450,827	519,832	477,693	666,813
Production Cost per Net KWH						
Generated	-	-	17.934	9.008	18.119	9.430
Fuel	-	-	11.236	4.662	10.803	4.544
Operation	-	-	1.159	0.886	1.243	0.940
Maintenance	-	<u>-</u>	5.540	3.460	6.073	3.946
% of Total BTU Burned						
Gas	-	-	100.00%	100.00%	100.00%	100.00%
Oil	-	<u>-</u>	-	-	-	-
BTU Per Net KWH Generation						
Gas	-	-	13,069.467	14,014.996	13,012.629	13,849.344

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-	- 859.686	332.651	830.177	328.099

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	474.5	456.4	5,487.3	5,199.3	6,281.9	5,923.8
Generation - Net (MWHR)	474.5	456.4	5,487.3	5,199.3	6,281.9	5,923.8
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	474.5	456.4	5,487.3	5,199.3	6,281.9	5,923.8
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	81	967	3,110	6,865	4,447	28,914
Maintenance	197	-	29,672	-	29,672	<u>-</u>
Total	277	967	32,781	6,865	34,119	28,914
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.058	0.212	0.597	0.132	0.543	0.488
Operation	0.017	0.212	0.057	0.132	0.071	0.488
Maintenance	0.041	-	0.541	-	0.472	-
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	7,500	6,600	73,475	54,349	86,675	65,649
Fuel Handling	-	-	-	-	-	-
Operations	94,275	102,824	936,207	1,156,860	1,188,643	1,370,878
Maintenance	115,300	13,298	2,391,281	332,699	2,741,215	782,882
Total	217,075	122,722	3,400,963	1,543,909	4,016,533	2,219,410
Quantity of Fuel Burned						
Natural Gas - MCF	1,478,885	141,543	5,815,499	3,661,783	5,965,233	3,905,272
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	26,067.6	1,254.0	86,539.0	62,575.0	88,003.0	68,574.0
Generation - Net (MWHR)	26,067.6	1,254.0	86,539.0	62,575.0	88,003.0	68,574.0
Energy Input for Pumping (MWHR)	_	_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	26,067.6	1,254.0	86,539.0	62,575.0	88,003.0	68,574.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	1,081,230	116,651	3,849,221	2,866,006	4,033,270	3,259,072
Fuel Handling	-	-	-	-	-	-
Operations	43,187	44,117	464,067	444,129	578,075	544,807
Maintenance	96,212	40,962	679,619	722,259	783,567	951,643
Total	1,220,629	201,730	4,992,906	4,032,394	5,394,912	4,755,522
Quantity of Fuel Burned						
Natural Gas - MCF	296,327	13,564	974,382	692,915	991,220	753,983
Production Cost per Net KWH						
Generated	4.683	16.087	5.770	6.444	6.130	6.935
Fuel	4.148	9.302	4.448	4.580	4.583	4.753
Operation	0.166	3.518	0.536	0.710	0.657	0.794
Maintenance	0.369	3.266	0.785	1.154	0.890	1.388
% of Total BTU Burned						
Gas	97.67%	91.63%	70.76%	41.03%	70.96%	37.74%
Oil	2.33%	8.37%	29.24%	58.97%	29.04%	62.26%
BTU Per Net KWH Generation						
Gas	11,346.782	10,168.821	8,129.778	4,674.172	8,156.163	4,273.918
Oil	270.673	929.266	3,358.873	6,717.247	3,337.597	7,050.344

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	365.548	914.789	547.120	979.877	561.919	1,112.009

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-		-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	21	-	21	41	21	1,198
Maintenance			1,470	415	1,470	415
Total	21	-	1,491	457	1,491	1,614
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	624.0	232.0	3,012.0	1,492.0	3,260.0	1,492.0
Generation - Net (MWHR)	624.0	232.0	3,012.0	1,492.0	3,260.0	1,492.0
Energy Input for Pumping (MWHR)	_		<u>-</u>	<u> </u>		<u>-</u>
Generation Less Pumping Energy (MWHR)	624.0	232.0	3,012.0	1,492.0	3,260.0	1,492.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	31,243	9,687	208,231	60,498	220,000	60,745
Fuel Handling	-	-	-	-	-	-
Operations	2,503	3,147	31,517	30,910	38,191	34,461
Maintenance	6,856	80,728	46,700	110,343	63,041	250,554
Total	40,602	93,562	286,449	201,751	321,232	345,760
Quantity of Fuel Burned						
Natural Gas - MCF	9,114	3,300	40,872	19,427	44,242	19,427
Oil - Gallons	-	-	13,424	-	13,424	-
Production Cost per Net KWH						
Generated	6.507	40.329	9.510	13.522	9.854	23.174
Fuel	5.007	4.175	6.913	4.055	6.748	4.071
Operation	0.401	1.356	1.046	2.072	1.171	2.310
Maintenance	1.099	34.797	1.550	7.396	1.934	16.793
% of Total BTU Burned						
Gas	100.00%	99.14%	95.26%	91.98%	92.87%	91.98%
Oil	-	0.86%	4.74%	8.02%	7.13%	8.02%
BTU Per Net KWH Generation						
Gas	14,871.795	14,383.546	13,796.813	12,289.327	13,413.247	12,289.327
Oil	-	125.074	686.616	1,071.262	1,029.725	1,071.262

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	336.669	290.292	501.086	329.945	5 503.120	331.297

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1,082.0	263.0	1,082.0	263.0
Station Use (MWHR)	42.0	42.0	477.0	429.0	599.0	535.0
Generation - Net (MWHR)	(42.0)	(42.0)	605.0	(166.0)	483.0	(272.0)
Energy Input for Pumping (MWHR)	<u>-</u>	<u>-</u>	<u>-</u>	<u> </u>		<u> </u>
Generation Less Pumping Energy (MWHR)	(42.0)	(42.0)	605.0	(166.0)	483.0	(272.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	322,430	85,658	322,430	85,658
Fuel Handling	-	-	-	-	-	-
Operations	2,942	2,898	28,228	19,968	33,432	23,672
Maintenance	6,895	2,266	46,586	45,545	60,391	65,985
Total	9,837	5,164	397,244	151,171	416,254	175,314
Quantity of Fuel Burned						
Oil - Gallons	-	-	97,613	25,490	97,613	25,490
Production Cost per Net KWH						
Generated	(23.422)	(12.295)	65.660	(91.067)	86.181	(64.454)
Fuel	-	-	53.294	(51.601)	66.756	(31.492)
Operation	(7.005)	(6.900)	4.666	(12.029)	6.922	(8.703)
Maintenance	(16.417)	(5.395)	7.700	(27.437)	12.503	(24.259)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	22,104.101	(21,036.928)	27,687.331	(12,838.713)

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	-	5.0	-	5.0
Generation - Net (MWHR)	-	-	-	5.0	-	
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	-	-	5.0	-	5.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	1,324	-	1,324
Fuel Handling	-	-	-	-	-	-
Operations	3,005	2,207	30,855	26,975	36,000	31,258
Maintenance	396	782	21,959	46,555	23,217	59,244
Total	3,401	2,989	52,813	74,854	59,216	91,826
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	131	-	131
Production Cost per Net KWH						
Generated	-	-	-	1,497.078	-	1,836.522
Fuel	-	-	-	26.475	-	26.475
Operation	-	-	-	539.494	-	625.159
Maintenance	-	-	-	931.108	-	1,184.888
% of Total BTU Burned						
Gas	-	-	-	50.00%	-	50.00%
Oil	-	-	-	50.00%	-	50.00%
BTU Per Net KWH Generation						
Gas	-	-	-	52,200.000	-	52,200.000
Oil	-	-	-	52,200.000	-	52,200.000

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-		- 507.192		507.192

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	724.0	286.0	724.0	286.0
Station Use (MWHR)	35.0	5.0	341.0	325.0	464.0	432.0
Generation - Net (MWHR)	(35.0)	(5.0)	383.0	(39.0)	260.0	(146.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(35.0)	(5.0)	383.0	(39.0)	260.0	(146.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	165,987	67,936	165,987	67,936
Fuel Handling	-	-	-	-	-	-
Operations	2,956	2,170	28,050	19,855	34,820	23,624
Maintenance	6,758	12,776	53,372	65,885	60,904	82,012
Total	9,714	14,946	247,410	153,676	261,712	173,572
Quantity of Fuel Burned						
Oil - Gallons	-	-	64,554	26,421	64,554	26,421
Production Cost per Net KWH						
Generated	(27.754)	(298.919)	64.598	(394.042)	100.658	(118.885)
Fuel	-	-	43.339	(174.195)	63.841	(46.532)
Operation	(8.446)	(43.399)	7.324	(50.909)	13.392	(16.181)
Maintenance	(19.307)	(255.521)	13.935	(168.937)	23.425	(56.172)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	24,450.524	(98,276.216)	36,017.502	(26,251.866)

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	707.0	116.0	707.0	116.0
Station Use (MWHR)	36.0	26.0	371.0	339.0	447.0	461.0
Generation - Net (MWHR)	(36.0)	(26.0)	336.0	(223.0)	260.0	(345.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(36.0)	(26.0)	336.0	(223.0)	260.0	(345.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	57,850	-	115,644	21,985	115,644	21,985
Fuel Handling	-	-	-	-	-	-
Operations	2,940	2,207	28,059	19,902	33,345	23,685
Maintenance	3,470	23,268	77,437	79,069	82,883	99,849
Total	64,260	25,475	221,140	120,956	231,872	145,519
Quantity of Fuel Burned						
Oil - Gallons	36,028	-	72,021	13,692	72,021	13,692
Production Cost per Net KWH						
Generated	(178.500)	(97.980)	65.815	(54.240)	89.182	(42.179)
Fuel	(160.695)	-	34.418	(9.859)	44.478	(6.373)
Operation	(8.167)	(8.488)	8.351	(8.925)	12.825	(6.865)
Maintenance	(9.638)	(89.491)	23.047	(35.457)	31.878	(28.942)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	(137,106.556)	-	29,365.705	(8,411.677)	37,949.527	(5,437.113)

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	732.0	130.0	732.0	130.0
Station Use (MWHR)	29.0	28.0	336.0	265.0	415.0	334.0
Generation - Net (MWHR)	(29.0)	(28.0)	396.0	(135.0)	317.0	(204.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	(29.0)	(28.0)	396.0	(135.0)	317.0	(204.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	8,449	_	110,813	440,836	110,813	440,836
Fuel Handling	-	-	-	-	-	-
Operations	3,004	2,149	28,440	21,365	33,759	25,048
Maintenance	8,504	12,464	55,765	136,648	58,566	148,080
Total	19,957	14,613	195,018	598,849	203,138	613,964
Quantity of Fuel Burned						
Oil - Gallons	4,681	-	65,286	13,431	65,286	13,431
Production Cost per Net KWH						
Generated	(68.816)	(52.188)	49.247	(443.592)	64.081	(300.963)
Fuel	(29.134)	-	27.983	(326.545)	34.957	(216.096)
Operation	(10.359)	(7.675)	7.182	(15.826)	10.649	(12.278)
Maintenance	(29.323)	(44.513)	14.082	(101.221)	18.475	(72.588)
% of Total BTU Burned						
Oil	100.00%	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	(22,247.768)	-	22,754.328	(11,873.309)	28,424.964	(7,857.337)

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			<u>-</u>
Fuel Handling			-			-
Maintenance			131		- 131	<u>-</u>
Total			131		- 131	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil		-	-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,759.0	-	31,465.0	21,048.0	31,571.0	21,542.0
Generation - Net (MWHR)	1,759.0	-	31,465.0	21,048.0	31,571.0	21,542.0
Energy Input for Pumping (MWHR)		-	-	-	<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	1,759.0	-	31,465.0	21,048.0	31,571.0	21,542.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	159,315	104,744	1,922,058	1,589,639	2,014,082	1,639,161
Fuel Handling	-	-	-	-	-	-
Operations	877	972	37,937	30,479	69,859	42,296
Maintenance	47,955	46,035	438,050	461,395	528,771	538,350
Total	208,147	151,752	2,398,045	2,081,513	2,612,712	2,219,808
Quantity of Fuel Burned						
Natural Gas - MCF	23,490	116	414,822	273,801	416,455	281,559
Production Cost per Net KWH						
Generated	11.833	-	7.621	9.889	8.276	10.305
Fuel	9.057	-	6.109	7.552	6.380	7.609
Operation	0.050	-	0.121	0.145	0.221	0.196
Maintenance	2.726	-	1.392	2.192	1.675	2.499
% of Total BTU Burned						
Gas	100.00%	-	27.79%	54.46%	28.04%	55.68%
Oil	-	100.00%	72.21%	45.54%	71.96%	44.32%
BTU Per Net KWH Generation						
Gas	13,689.596	-	3,761.917	7,279.487	3,798.509	7,477.471
Oil	-	-	9,775.283	6,086.534	9,746.358	5,951.644

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas	661.608	-	- 1,623.788	1,037.497	1,679.483	1,017.609

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	532.0	(17.0)	14,243.0	10,015.0	14,243.0	10,015.0
Station Use (MWHR)	156.0	160.0	1,812.0	1,733.0	2,227.0	2,188.0
Generation - Net (MWHR)	376.0	(177.0)	12,431.0	8,282.0	12,016.0	7,827.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	376.0	(177.0)	12,431.0	8,282.0	12,016.0	7,827.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	52,484	45,320	800,126	671,831	872,224	671,870
Fuel Handling	-	-	-	-	-	-
Operations	7,540	6,992	102,064	99,856	143,380	113,775
Maintenance	118,993	47,154	567,030	471,806	641,893	533,865
Total	179,017	99,466	1,469,219	1,243,493	1,657,497	1,319,510
Quantity of Fuel Burned						
Natural Gas - MCF	7,025	110	174,965	118,468	175,619	119,257
Production Cost per Net KWH						
Generated	47.611	(56.195)	11.819	15.014	13.794	16.858
Fuel	13.959	(25.605)	6.437	8.112	7.259	8.584
Operation	2.005	(3.950)	0.821	1.206	1.193	1.454
Maintenance	31.647	(26.641)	4.561	5.697	5.342	6.821
% of Total BTU Burned						
Gas	100.00%	(0.56)%	83.09%	84.09%	82.78%	83.54%
Oil	-	100.56%	16.91%	15.91%	17.22%	16.46%
BTU Per Net KWH Generation						
Gas	19,162.234	3.735	11,979.863	12,508.574	12,393.615	13,235.724
Oil	-	(664.752)	2,438.044	2,366.456	2,578.423	2,607.511

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	728.442	(6,856,069.408)	537.279	648.511	585.693	648.548

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	22,257.9	7,780.0	148,830.6	101,059.0	150,645.6	102,479.0
Station Use (MWHR)	284.0	173.0	3,896.0	3,238.0	4,071.0	3,719.0
Generation - Net (MWHR)	21,973.9	7,607.0	144,934.6	97,821.0	146,574.6	98,760.0
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	21,973.9	7,607.0	144,934.6	97,821.0	146,574.6	98,760.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	783,060	354,241	5,478,754	4,273,413	5,636,796	4,447,404
Fuel Handling	-	-	-	-	-	-
Operations	34,062	32,699	258,727	244,651	296,520	288,086
Maintenance	163,329	118,572	1,555,894	1,125,732	1,855,013	1,359,536
Total	980,450	505,512	7,293,375	5,643,795	7,788,329	6,095,026
Quantity of Fuel Burned						
Natural Gas - MCF	213,591	79,392	1,450,534	1,010,852	1,469,976	1,029,250
Production Cost per Net KWH						
Generated	4.462	6.645	5.032	5.770	5.314	6.172
Fuel	3.564	4.657	3.780	4.369	3.846	4.503
Operation	0.155	0.430	0.179	0.250	0.202	0.292
Maintenance	0.743	1.559	1.074	1.151	1.266	1.377
% of Total BTU Burned						
Gas	97.18%	95.27%	83.42%	75.50%	83.58%	72.76%
Oil	2.82%	4.73%	16.58%	24.50%	16.42%	27.24%
BTU Per Net KWH Generation						
Gas	9,675.423	10,248.265	8,564.450	8,047.400	8,599.670	7,821.928
Oil	281.175	509.327	1,702.004	2,611.804	1,689.176	2,928.022

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	368.314	454.396	441.378	542.859	447.190	575.720

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	498.0	-	8,829.0	5,075.0	9,709.0	5,075.0
Station Use (MWHR)		-	7.0	3.0	7.0	4.0
Generation - Net (MWHR)	498.0	-	8,822.0	5,072.0	9,702.0	5,071.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	498.0	-	8,822.0	5,072.0	9,702.0	5,071.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	128,121	102,914	1,420,093	1,227,350	1,701,243	1,437,902
Fuel Handling	-	-	-	-	-	-
Operations	11,719	12,195	66,267	58,594	85,827	65,801
Maintenance	43,629	92,865	416,604	503,978	477,185	607,582
Total	183,468	207,974	1,902,964	1,789,922	2,264,255	2,111,285
Quantity of Fuel Burned						
Natural Gas - MCF	6,475	-	113,788	66,707	127,556	66,707
Production Cost per Net KWH						
Generated	36.841	-	21.571	35.290	23.338	41.634
Fuel	25.727	-	16.097	24.199	17.535	28.355
Operation	2.353	-	0.751	1.155	0.885	1.298
Maintenance	8.761	-	4.722	9.936	4.918	11.982
% of Total BTU Burned						
Gas	100.00%	-	54.81%	22.50%	59.61%	22.50%
Oil	-	-	45.19%	77.50%	40.39%	77.50%
BTU Per Net KWH Generation						
Gas	13,295.181	-	7,216.049	2,973.919	7,984.228	2,974.506
Oil	-	-	5,949.560	10,241.381	5,409.917	10,243.400

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Oct Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,935.066	-	2,230.747	8,136.922	2,196.202	9,532.809

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	6,111.8	1,845.0	92,440.4	51,946.0	97,083.4	60,719.0
Station Use (MWHR)	139.0	37.0	1,617.0	1,436.0	2,050.0	1,755.0
Generation - Net (MWHR)	5,972.8	1,808.0	90,823.4	50,510.0	95,033.4	58,964.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	5,972.8	1,808.0	90,823.4	50,510.0	95,033.4	58,964.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	378,147	320,257	3,967,550	3,568,029	4,091,760	3,889,105
Fuel Handling	-	-	-	-	-	-
Operations	63,428	54,079	366,283	357,661	413,795	429,290
Maintenance	53,197	60,070	1,281,811	651,647	1,353,026	742,655
Total	494,773	434,406	5,615,645	4,577,337	5,858,581	5,061,051
Quantity of Fuel Burned						
Natural Gas - MCF	64,983	19,752	996,397	559,784	1,046,321	647,158
Production Cost per Net KWH						
Generated	8.284	24.027	6.183	9.062	6.165	8.583
Fuel	6.331	17.713	4.368	7.064	4.306	6.596
Operation	1.062	2.991	0.403	0.708	0.435	0.728
Maintenance	0.891	3.322	1.411	1.290	1.424	1.260
% of Total BTU Burned						
Gas	86.96%	100.00%	81.81%	85.43%	81.60%	77.90%
Oil	13.04%	-	18.19%	14.57%	18.40%	22.10%
BTU Per Net KWH Generation						
Gas	9,645.559	11,195.243	9,175.387	9,711.137	9,182.000	8,821.585
Oil	1,445.907	-	2,040.048	1,656.513	2,070.843	2,502.715

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Oct Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	656.381	1,582.218	476.102	727.413	468.918	747.681

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Oct Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	5,243.3	1,133.0	50,209.1	32,468.0	50,781.1	34,049.0
Station Use (MWHR)	0.2	2.0	12.7	19.0	16.7	25.0
Generation - Net (MWHR)	5,243.2	1,131.0	50,196.4	32,449.0	50,764.4	34,024.0
Energy Input for Pumping (MWHR)		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	5,243.2	1,131.0	50,196.4	32,449.0	50,764.4	34,024.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	337,609	218,542	2,899,854	2,724,823	3,067,889	2,948,943
Fuel Handling	-	-	-	-	-	-
Operations	8,788	17,367	117,263	33,708	158,975	38,418
Maintenance	43,389	118,782	527,818	804,873	687,149	946,434
Total	389,785	354,691	3,544,935	3,563,404	3,914,012	3,933,795
Quantity of Fuel Burned						
Natural Gas - MCF	63,511	13,272	548,703	388,287	556,485	407,955
Production Cost per Net KWH						
Generated	7.434	31.361	7.062	10.982	7.710	11.562
Fuel	6.439	19.323	5.777	8.397	6.043	8.667
Operation	0.168	1.536	0.234	0.104	0.313	0.113
Maintenance	0.828	10.502	1.052	2.480	1.354	2.782
% of Total BTU Burned						
Gas	83.19%	98.47%	42.86%	10.03%	43.66%	12.71%
Oil	16.81%	1.53%	57.14%	89.97%	56.34%	87.29%
BTU Per Net KWH Generation						
Gas	10,270.910	11,872.776	4,776.679	1,229.741	4,879.130	1,564.882
Oil	2,075.072	184.696	6,367.466	11,028.510	6,296.221	10,745.810

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	626.918	1,627.499	1,209.421	6,828.468	1,238.620	5,538.592

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Oct

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,888
Total			-	14,590	-	14,888
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-	-		-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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ACTUAL, 2018, Nov, UEC.54, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	15
Keokuk Energy Center	
ACTUAL, 2018, Nov, UEC.59, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	16
Venice Energy Center	
ACTUAL, 2018, Nov, UEC.57, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	17
Maryland Heights Landfille CTG	
ACTUAL, 2018, Nov, UEC.MY, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	18
O'Fallon Renewable Energy Center	
ACTUAL, 2018, Nov, UEC.OF, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	20
Montgomery Renewable Energy Center	
ACTUAL, 2018, Nov, UEC.MW, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV_ALL	21
Generation Common	
ACTUAL, 2018, Nov, UEC.5A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL.	22
Venice CTG	
ACTUAL, 2018, Nov, UEC.62, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL	23
Howard Bend CTG	20
ACTUAL, 2018, Nov, UEC.71, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL	25
Meramec CTG	20
ACTUAL, 2018, Nov, UEC.72, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALL	26
Fairgrounds CTG	20
ACTUAL, 2018, Nov, UEC.73, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV_ALLACTV_ALL.	28
Kirksville CTG	20
ACTUAL, 2018, Nov, UEC.74, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALLACTV ALL	30
Moreau CTG	50
ACTUAL, 2018, Nov, UEC.75, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Nov, OEC.75, Entity Cult Total>, [ICI Top], I_ALL, RWC_ALL, DN_ALL, ACTV_ALL	32
Moberly CTG	2
ACTUAL, 2018, Nov, UEC.76, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Nov, OEC.76, CERRITY CHIT Total>, [ICT TOP], T_ALL, RIVIC_ALL, DN_ALL, ACTV_ALL	34
Mexico CTG	54
ACTUAL, 2018, Nov, UEC.77, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Nov, OEC. 77, CERRITY CHIT TOTAL, [ICT TOP], T_ALL, RIVIC_ALL, DN_ALL, ACTU ALL	36
Viaduct CTG	50
ACTUAL, 2018, Nov, UEC.78, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2016, Nov, OEC.76, CERRITY CHIT TOTAL, [ICT TOP], T_ALL, RIVIC_ALL, DN_ALL, ACTU ALL	38
Goose Creek	50
ACTUAL, 2018, Nov, UEC.7G, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
	20
_	39
Kinmundy CTG ACTUAL, 2018, Nov, UEC.7K, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTUAL, 2018, Nov, UEC./K, <entity cuit="" total="">, [ICF Top], 1_ALL, KWC_ALL, DN_ALL, ACTV ALL</entity>	41
Pinckneyville CTG	41
ACTV ALL	12
ACTV_ALL	43
Racoon Creek CTG	
ACTV ALL	15
ACTV_ALL	45
Peno Creek CTG ACTUAL 2019 Nov. HEC 09 (Entity Court Total), HCD Total T. ALL. DMC, ALL. DN. ALL.	
ACTV ALL, 2018, Nov, UEC.98, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	47
ACTV_ALL	4/
Audrain CTG	
ACTUAL, 2018, Nov, UEC.7A, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	

ACTV ALL	49
Sioux-Rush Island Transfer Facility	
ACTUAL, 2018, Nov, UEC.5C, <entity curr="" total="">, [ICP Top], T_ALL, RMC_ALL, DN_ALL,</entity>	
ACTV ALL.	51

Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,647,712.6	2,883,924.8	41,939,017.6	40,610,458.3	45,399,312.1	44,112,095.7
Station Use (MWHR)	185,654.9		2,217,399.2	2,186,600.1	2,424,484.7	
Generation - Net (MWHR)	3,462,057.7	•	39,721,618.4	38,423,858.2	·	
Energy Input for Pumping (MWHR)	-	33,083.0	427,115.0	505,643.0	444,244.0	569,508.0
Generation Less Pumping Energy (MWHR)	3,462,057.7	2,678,043.8	39,294,503.4	37,918,215.2		
Total Production Cost						
Fuel - Coal	46,668,668	48,281,067	556,187,113	610,157,138	617,451,540	653,149,369
Fuel - Natural Gas	555,328	566,569	29,091,836	21,351,143	29,840,566	22,637,895
Fuel - Oil	159,037	161,660	2,879,396	1,880,380	3,180,366	2,558,361
Fuel Handling	623,967	543,896	7,688,261	8,609,909	8,536,515	9,338,276
Nuclear	7,686,141	-	87,210,481	72,560,210	90,271,499	80,938,457
Operations	10,747,862	13,528,669	122,243,219	124,543,970	132,414,004	136,992,497
Maintenance	14,945,829	20,104,962	137,473,924	140,931,951	152,279,179	155,437,474
Total	81,386,832	83,186,823	942,774,231	980,034,702	1,033,973,669	1,061,052,329
Quantity of Fuel Burned						
Coal - Tons	1,450,593	1,308,963	16,125,804	16,312,766	17,788,355	17,435,714
Nuclear - MMBTU	8,765,805	-	97,362,110	79,933,525	100,785,757	88,979,603
Natural Gas - MCF	68,876	163,831	12,022,851	7,906,664	12,181,975	8,339,158
Oil - Gallons	72,279	93,967	1,635,989	1,249,872	1,804,180	1,673,088
Production Cost per Net KWH						
Generated	2.351	3.068	2.373	2.551	2.406	2.543
Fuel	1.369	1.808	1.481	1.648	1.514	1.625
Fuel Handling	0.018	0.020	0.019	0.022	0.020	0.022
Nuclear Fuel Burned	0.222	-	0.220	0.189	0.210	0.194
Operation	0.310	0.499	0.308	0.324	0.308	0.328
Maintenance	0.432	0.742	0.346	0.367	0.354	0.372

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics

Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	74.36%	99.58%	73.23%	77.19%	74.47%	76.50%
Nuclear	25.51%	-	25.09%	21.61%	23.95%	22.31%
Gas	0.10%	0.35%	1.25%	0.80%	1.18%	0.77%
Oil	0.03%	0.07%	0.43%	0.40%	0.40%	0.42%
BTU Per Net KWH Generation						
Coal	7,380.672	8,335.065	7,155.070	7,430.140	7,291.706	7,309.440
Nuclear	2,531.964	-	2,451.111	2,080.310	2,345.228	2,132.156
Gas	9.777	29.022	122.536	76.566	115.129	73.399
Oil	3.107	6.018	41.575	38.745	39.263	40.375
BTU Per Pound of Coal	8,808	8,632	8,812	8,751	8,808	8,748
Cost Per MMBTU Burned						
Coal	185.082	216.064	198.400	216.735	199.767	217.181
Nuclear	87.683	-	89.573	90.776	89.568	90.963
Natural Gas	1,640.701	720.079	597.698	725.748	603.124	739.047
Cost Per Ton of Coal Burned						
Coal	32.172	36.885	34.491	37.404	34.711	37.460
Coal Handling	0.333	0.341	0.382	0.450	0.386	0.455
Total	32.505	37.226	34.873	37.853	35.097	37.916

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	932,213.0	-	10,161,580.0	8,355,940.0	10,520,914.0	9,320,291.0
Station Use (MWHR)	38,921.0	11,834.0	432,922.0	380,549.0	463,520.0	421,025.0
Generation - Net (MWHR)	893,292.0	(11,834.0)	9,728,658.0	7,975,391.0	10,057,394.0	8,899,266.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	893,292.0	(11,834.0)	9,728,658.0	7,975,391.0	10,057,394.0	8,899,266.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,686,141	-	87,210,481	72,560,210	90,271,499	80,938,457
Operations	5,885,046	8,615,098	66,956,271	70,162,764	71,730,956	77,373,285
Maintenance	4,680,569	10,627,790	40,568,352	59,769,764	48,223,456	65,308,163
Total	18,251,756	19,242,887	194,735,104	202,492,738	210,225,912	223,619,905
Quantity of Fuel Burned						
Nuclear - MMBTU	8,765,805	-	97,362,110	79,933,525	100,785,757	88,979,603
Production Cost per Net KWH						
Generated	2.043	(162.607)	2.002	2.539	2.090	2.513
Nuclear Fuel Burned	0.860	-	0.896	0.910	0.898	0.909
Operation	0.659	(72.800)	0.688	0.880	0.713	0.869
Maintenance	0.524	(89.807)	0.417	0.749	0.479	0.734
% of Total BTU Burned						
Nuclear	100.00%	-	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,812.922	-	10,007.764	10,022.521	10,021.061	9,998.533

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	87.68	3 -	89.573	90.776	89.568	90.963

Cost Per Ton of Coal Burned

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	132.0	132.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	132.0	132.0	144.0	144.0
Energy Input for Pumping (MWHR)	_	_	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	132.0	132.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	<u>-</u>	_	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	82,680.0	111,244.0	1,527,411.0	1,213,734.0	1,557,826.0	1,361,803.0
Station Use (MWHR)	9,868.7	15,914.0	177,332.8	150,843.0	186,839.8	166,007.0
Generation - Net (MWHR)	72,811.3	95,330.0	1,350,078.2	1,062,891.0		
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	72,811.3	95,330.0	1,350,078.2	1,062,891.0	1,370,986.2	1,195,796.0
Total Production Cost						
Fuel - Coal	1,405,873	2,678,462	26,221,038	27,139,583	27,095,011	31,959,042
Fuel - Natural Gas	32,626	38,447	3,359,203	1,440,119	3,441,476	1,516,824
Fuel Handling	68,584	83,747	933,582	1,142,327	1,040,281	1,292,463
Operations	607,514	692,888	7,683,558	8,025,544	8,335,303	8,708,825
Maintenance	703,521	686,830	9,252,477	9,847,150	10,226,674	10,778,240
Total	2,818,118	4,180,373	47,449,859	47,594,723	50,138,745	54,255,394
Quantity of Fuel Burned						
Coal - Tons	47,340	70,026	831,373	717,770	855,467	844,366
Natural Gas - MCF	6,484	12,557	979,670	443,403	1,000,057	460,662
Oil - Gallons	1,109	5,401	48,399	40,246	52,430	45,837
Production Cost per Net KWH						
Generated	3.870	4.385	3.515	4.478	3.657	4.537
Fuel	1.976	2.850	2.191	2.689	2.227	2.799
Fuel Handling	0.094	0.088	0.069	0.107	0.076	0.108
Operation	0.834	0.727	0.569	0.755	0.608	0.728
Maintenance	0.966	0.720	0.685	0.926	0.746	0.901
% of Total BTU Burned						
Coal	99.22%	98.96%	93.65%	96.46%	93.69%	96.86%
Gas	0.78%	1.04%	6.35%	3.54%	6.31%	3.14%
Oil	-	-	-	-	-	-

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	11,584.414	12,774.126	10,903.888	11,668.405	11,037.636	12,207.256
Gas	91.195	134.816	739.831	428.727	744.007	396.115
BTU Per Pound of Coal	8,909	8,695	8,853	8,639	8,845	8,644
Cost Per MMBTU Burned						
Coal	174.807	226.827	184.461	228.039	185.927	227.791
Natural Gas	491.356	299.148	336.314	316.030	337.392	320.226
Cost Per Ton of Coal Burned						
Coal	29.697	38.250	31.539	37.811	31.673	37.850
Coal Handling	1.438	1.157	1.116	1.547	1.206	1.490
Total	31.135	39.406	32.655	39.358	32.879	39.339

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	476,537.8	281,069.0	5,571,223.4	4,828,152.0	6,152,406.4	5,071,882.0
Station Use (MWHR)	33,893.0	25,655.0	407,922.0	389,739.0		417,871.0
Generation - Net (MWHR)	442,644.8	255,414.0	5,163,301.4	4,438,413.0	5,702,980.4	4,654,011.0
Energy Input for Pumping (MWHR)	-	-	-	, , , -	-	-
Generation Less Pumping Energy (MWHR)	442,644.8	255,414.0	5,163,301.4	4,438,413.0	5,702,980.4	4,654,011.0
Total Production Cost						
Fuel - Coal	9,001,225	2,598,218	100,945,953	93,547,419	112,692,051	96,238,307
Fuel - Oil	72,037	65,913	347,195	269,330	383,876	504,456
Fuel Handling	163,872	48,905	2,248,409	2,127,943	2,444,806	2,442,523
Operations	794,481	896,028	9,129,057	9,683,257	10,103,695	10,739,555
Maintenance	1,821,963	4,280,662	20,165,997	23,115,299	21,966,490	25,173,704
Total	11,853,578	7,889,726	132,836,611	128,743,249	147,590,919	135,098,545
Quantity of Fuel Burned						
Coal - Tons	267,566	71,800	2,887,096	2,501,844	3,207,141	2,573,805
Oil - Gallons	31,200	34,347	169,394	153,747	188,116	295,848
Production Cost per Net KWH						
Generated	2.678	3.089	2.573	2.901	2.588	2.903
Fuel	2.050	1.043	1.962	2.114	1.983	2.079
Fuel Handling	0.037	0.019	0.044	0.048	0.043	0.052
Operation	0.179	0.351	0.177	0.218	0.177	0.231
Maintenance	0.412	1.676	0.391	0.521	0.385	0.541
% of Total BTU Burned						
Coal	99.91%	99.61%	99.96%	99.95%	99.96%	99.91%
Oil	0.09%	0.39%	0.04%	0.05%	0.04%	0.09%
BTU Per Net KWH Generation						
Coal	11,194.975	4,699.097	10,316.014	10,269.761	10,374.757	10,063.498

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	9.657	18.423	4.495	4.746	4.519	8.709
BTU Per Pound of Coal	9,260	8,358	9,225	9,110	9,224	9,099
Cost Per MMBTU Burned Coal	184.952	220.554	193.739	209.900	194.596	210.696
Cost Per Ton of Coal Burned						
Coal	33.641	36.187	34.965	37.391	35.138	37.391
Coal Handling	0.522	0.673	0.697	0.800	0.680	0.896
Total	34.163	36.860	35.662	38.191	35.818	38.288

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,192,923.0	1,497,680.0	15,399,474.3	15,484,853.0	16,904,858.3	16,938,150.0
Station Use (MWHR)	57,417.0	72,075.0	762,575.0	769,206.0	837,211.0	840,915.0
Generation - Net (MWHR)	1,135,506.0	1,425,605.0	14,636,899.3	14,715,647.0	16,067,647.3	16,097,235.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,135,506.0	1,425,605.0	14,636,899.3	14,715,647.0	16,067,647.3	16,097,235.0
Total Production Cost						
Fuel - Coal	19,506,229	25,787,147	282,752,235	318,867,840	314,083,645	343,032,795
Fuel - Oil	89,099	74,521	1,353,948	1,097,896	1,550,311	1,380,721
Fuel Handling	283,158	339,062	3,420,140	4,203,691	3,887,306	4,188,950
Operations	1,396,890	1,450,259	16,777,416	16,222,233	18,513,231	17,752,547
Maintenance	3,593,772	2,077,343	30,283,918	22,871,376	32,506,751	25,005,254
Total	24,869,148	29,728,332	334,587,656	363,263,037	370,541,243	391,360,267
Quantity of Fuel Burned						
Coal - Tons	657,648	685,505	8,380,778	8,432,109	9,212,909	9,059,412
Oil - Gallons	39,970	42,161	656,531	662,432	764,069	836,127
Production Cost per Net KWH						
Generated	2.190	2.085	2.286	2.469	2.306	2.431
Fuel	1.726	1.814	1.941	2.174	1.964	2.140
Fuel Handling	0.025	0.024	0.023	0.029	0.024	0.026
Operation	0.123	0.102	0.115	0.110	0.115	0.110
Maintenance	0.316	0.146	0.207	0.155	0.202	0.155
% of Total BTU Burned						
Coal	99.95%	99.95%	99.94%	99.94%	99.94%	99.93%
Oil	0.05%	0.05%	0.06%	0.06%	0.06%	0.07%
BTU Per Net KWH Generation						
Coal	10,081.686	8,441.783	10,097.114	10,066.962	10,106.650	9,887.253

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	4.876	4.052	6.114	6.167	6.486	7.116
BTU Per Pound of Coal	8,704	8,778	8,817	8,784	8,813	8,784
Cost Per MMBTU Burned Coal	172.866	217.092	193.634	218.083	195.807	218.162
Cost Per Ton of Coal Burned						
Coal	29.661	37.618	33.738	37.816	34.092	37.865
Coal Handling	0.296	0.378	0.288	0.397	0.302	0.357
Total	29.957	37.995	34.026	38.213	34.394	38.222

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	868,569.0	852,693.0	7,339,965.2	8,451,396.0	8,216,075.2	8,975,127.0
Station Use (MWHR)	43,477.0	45,137.0	405,605.0	464,851.0	453,326.0	498,654.0
Generation - Net (MWHR)	825,092.0	807,556.0	6,934,360.2	7,986,545.0	7,762,749.2	8,476,473.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	825,092.0	807,556.0	6,934,360.2	7,986,545.0	7,762,749.2	8,476,473.0
Total Production Cost						
Fuel - Coal	16,755,342	17,217,241	146,267,887	170,602,296	163,580,833	181,919,224
Fuel - Oil	(2,099)	21,225	1,178,254	513,154	1,246,180	673,185
Fuel Handling	108,353	72,182	1,086,129	1,135,948	1,164,122	1,414,340
Operations	901,545	900,497	10,872,034	10,191,647	11,797,512	11,008,413
Maintenance	1,900,429	1,252,247	21,001,847	12,808,387	21,830,937	14,438,067
Total	19,663,569	19,463,392	180,406,152	195,251,431	199,619,585	209,453,230
Quantity of Fuel Burned						
Coal - Tons	478,040	481,632	4,026,557	4,661,043	4,512,838	4,958,131
Oil - Gallons	-	12,058	448,767	314,413	486,667	416,242
Production Cost per Net KWH						
Generated	2.383	2.410	2.602	2.445	2.572	2.471
Fuel	2.030	2.135	2.126	2.143	2.123	2.154
Fuel Handling	0.013	0.009	0.016	0.014	0.015	0.017
Operation	0.109	0.112	0.157	0.128	0.152	0.130
Maintenance	0.230	0.155	0.303	0.160	0.281	0.170
% of Total BTU Burned						
Coal	100.00%	99.98%	99.91%	99.95%	99.91%	99.93%
Oil	-	0.02%	0.09%	0.05%	0.09%	0.07%
BTU Per Net KWH Generation						
Coal	10,066.302	10,085.736	9,868.932	9,937.854	9,876.684	9,962.717

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	-	2.046	8.866	5.393	8.589	6.727
BTU Per Pound of Coal	8,687	8,455	8,498	8,514	8,495	8,516
Cost Per MMBTU Burned Coal	203.039	212.276	215.321	216.379	214.875	217.095
Cost Per Ton of Coal Burned						
Coal	35.050	35.748	36.326	36.602	36.248	36.691
Coal Handling	0.169	0.122	0.201	0.189	0.191	0.229
Total	35.219	35.869	36.527	36.791	36.439	36.920

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	16,934.0	17,619.0	323,030.9	622,240.0	333,778.9	634,209.0
Station Use (MWHR)	867.0	895.0	7,655.0	7,060.0	8,673.0	7,901.0
Generation - Net (MWHR)	16,067.0	16,724.0	315,375.9	615,180.0	325,105.9	626,308.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	16,067.0	16,724.0	315,375.9	615,180.0	325,105.9	626,308.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	249,611	175,317	2,723,375	2,380,872	2,940,215	2,532,713
Maintenance	183,492	160,283	1,906,786	2,860,414	2,054,778	3,220,095
Total	433,103	335,601	4,630,161	5,241,286	4,994,993	5,752,808
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	2.696	2.007	1.468	0.852	1.536	0.919
Operation	1.554	1.048	0.864	0.387	0.904	0.404
Maintenance	1.142	0.958	0.605	0.465	0.632	0.514
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	23,225.0	308,720.0	364,880.0	321,772.0	409,719.0
Station Use (MWHR)	257.0	186.0	2,618.0	2,429.0	2,955.0	2,861.0
Generation - Net (MWHR)	(257.0)	23,039.0	306,102.0	362,451.0	318,817.0	406,858.0
Energy Input for Pumping (MWHR)		33,083.0	427,115.0	505,643.0	444,244.0	569,508.0
Generation Less Pumping Energy (MWHR)	(257.0)	(10,044.0)	(121,013.0)	(143,192.0)	(125,427.0)	(162,650.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	296,846	161,312	1,914,081	1,766,935	2,135,897	2,049,954
Maintenance	333,945	135,350	1,903,501	1,175,134	2,026,858	1,294,109
Total	630,791	296,662	3,817,582	2,942,070	4,162,754	3,344,062
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	(245.444)	1.288	1.247	0.812	1.306	0.822
Operation	(115.504)	0.700	0.625	0.487	0.670	0.504
Maintenance	(129.940)	0.587	0.622	0.324	0.636	0.318
% of Total BTU Burned						
Oil	-	-	-	-	-	_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	74,926.0	94,034.0	819,007.5	946,171.0	896,257.5	1,034,457.0
Station Use (MWHR)	258.0	488.0	4,443.0	5,679.0	4,977.0	6,203.0
Generation - Net (MWHR)	74,668.0	93,546.0	814,564.5	940,492.0	891,280.5	1,028,254.0
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	74,668.0	93,546.0	814,564.5	940,492.0	891,280.5	1,028,254.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	358,445	315,915	2,936,490	2,837,082	3,230,701	3,098,628
Maintenance	112,941	135,547	673,676	878,630	899,418	1,067,428
Total	471,386	451,462	3,610,166	3,715,713	4,130,119	4,166,056
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.631	0.483	0.443	0.395	0.463	0.405
Operation	0.480	0.338	0.360	0.302	0.362	0.301
Maintenance	0.151	0.145	0.083	0.093	0.101	0.104
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	0.0	0.0	41,255.2	44,934.3	43,888.0	52,304.1
Station Use (MWHR)	0.0	0.0	6,760.5	7,843.1	7,178.0	9,043.2
Generation - Net (MWHR)	-	-	34,494.7	37,091.1	36,710.0	43,260.9
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	_
Generation Less Pumping Energy (MWHR)	-	-	34,494.7	37,091.1	36,710.0	43,260.9
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	3,875,694	1,729,225	3,965,696	1,981,083
Fuel Handling	-	-	-	-	-	-
Operations	37,766	28,978	437,408	357,545	465,064	467,528
Maintenance	985,923	94,747	2,896,900	1,378,195	3,120,611	1,838,148
Total	1,023,689	123,725	7,210,002	3,464,964	7,551,371	4,286,759
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	450,827	519,832	477,693	600,556
Production Cost per Net KWH						
Generated	-	-	20.902	9.342		
Fuel	-	-	11.236	4.662		4.579
Operation	-	-	1.268	0.964		
Maintenance	-	-	8.398	3.716	8.501	4.249
% of Total BTU Burned						
Gas	-	-	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	-	-	13,069.467	14,014.996	13,012.629	13,882.176

Cost Per MMBTU Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month	Prior Year Same Month	Current Year Year-to-Date	Prior Year Year-to-Date	Current Year 12 Months End	Prior Year 12 Months End
_	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-	859.686	332.651	830.177	329.875

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	243.1	441.8	5,730.5	5,641.1	6,083.2	5,947.5
Generation - Net (MWHR)	243.1	441.8	5,730.5	5,641.1	6,083.2	5,947.5
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	243.1	441.8	5,730.5	5,641.1	6,083.2	5,947.5
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	445	3,110	7,310	4,002	29,214
Maintenance		-	29,672	-	29,672	<u>-</u>
Total	-	445	32,781	7,310	33,674	29,214
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	-	0.101	0.572	0.130	0.554	0.491
Operation	-	0.101	0.054	0.130	0.066	0.491
Maintenance	-	-	0.518	-	0.488	-
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

_	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-		-	
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	8,125	6,600	81,600	60,949	88,200	66,349
Fuel Handling	-	-	-	-	-	-
Operations	105,006	132,494	1,041,213	1,289,354	1,161,155	1,396,970
Maintenance	102,105	162,741	2,493,386	495,440	2,680,580	939,622
Total	215,236	301,835	3,616,199	1,845,743	3,929,935	2,402,941
Quantity of Fuel Burned						
Natural Gas - MCF	34,794	82,863	5,850,293	3,744,646	5,917,164	3,924,053
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		728.0	86,539.0	63,303.0	87,275.0	69,237.0
Generation - Net (MWHR)	-	728.0	86,539.0	63,303.0	87,275.0	69,237.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	728.0	86,539.0	63,303.0	87,275.0	69,237.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	65,596	95,390	3,914,816	2,961,396	4,003,475	3,285,137
Fuel Handling	-	-	-	-	-	-
Operations	41,475	44,395	505,541	488,524	575,155	543,902
Maintenance	103,067	65,717	782,686	787,976	820,917	950,642
Total	210,137	205,502	5,203,043	4,237,895	5,399,547	4,779,682
Quantity of Fuel Burned						
Natural Gas - MCF	6	10,439	974,388	703,354	980,787	763,773
Production Cost per Net KWH						
Generated	-	28.228	6.012	6.695	6.187	6.903
Fuel	-	13.103	4.524	4.678	4.587	4.745
Operation	-	6.098	0.584	0.772	0.659	0.786
Maintenance	-	9.027	0.904	1.245	0.941	1.373
% of Total BTU Burned						
Gas	-	99.73%	70.76%	41.90%	70.65%	38.54%
Oil	100.00%	0.27%	29.24%	58.10%	29.35%	61.46%
BTU Per Net KWH Generation						
Gas	-	14,687.560	8,129.778	4,789.328	8,101.682	4,378.856
Oil	-	40.462	3,358.943	6,640.462	3,365.168	6,982.223

Cost Per MMBTU Burned

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		- 892.119	556.443	976.782	566.203	1,083.564

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	-	-	21	41	21	672
Maintenance	5,270	-	6,740	415	6,740	415
Total	5,270	-	6,761	457	6,761	1,088
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3.0	129.0	3,015.0	1,621.0	3,134.0	1,621.0
Generation - Net (MWHR)	3.0	129.0	3,015.0	1,621.0	3,134.0	1,621.0
Energy Input for Pumping (MWHR)	-	-	-			<u>-</u> _
Generation Less Pumping Energy (MWHR)	3.0	129.0	3,015.0	1,621.0	3,134.0	1,621.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	330	5,555	208,562	66,053	214,775	66,053
Fuel Handling	-	-	-	-	-	-
Operations	2,912	3,510	34,430	34,420	37,593	35,913
Maintenance	4,932	3,148	51,632	113,491	64,825	154,564
Total	8,175	12,213	294,624	213,964	317,193	256,529
Quantity of Fuel Burned						
Natural Gas - MCF	56	1,812	40,928	21,239	42,486	21,239
Oil - Gallons	-	-	13,424	-	13,424	-
Production Cost per Net KWH						
Generated	272.491	9.468	9.772	13.200	10.121	15.825
Fuel	11.013	4.306	6.917	4.075	6.853	4.075
Operation	97.078	2.721	1.142	2.123	1.200	2.215
Maintenance	164.400	2.440	1.713	7.001	2.068	9.535
% of Total BTU Burned						
Gas	-	85.00%	95.13%	91.39%	93.08%	91.39%
Oil	100.00%	15.00%	4.87%	8.61%	6.92%	8.61%
BTU Per Net KWH Generation						
Gas	-	12,236.270	13,783.085	12,285.105	13,448.853	12,285.105
Oil	19,000.000	2,159.079	704.838	1,157.831	1,000.441	1,157.831

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 351.943	501.881	331.688	509.565	331.688

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1,082.0	263.0	1,082.0	263.0
Station Use (MWHR)	72.0	50.0	549.0	479.0	621.0	546.0
Generation - Net (MWHR)	(72.0)		533.0	(216.0)		_
Energy Input for Pumping (MWHR)	-	-	-	-	-	- -
Generation Less Pumping Energy (MWHR)	(72.0)	(50.0)	533.0	(216.0)	461.0	(283.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	322,430	85,658	322,430	85,658
Fuel Handling	-	-	-	-	-	-
Operations	3,242	2,415	31,470	22,383	34,259	24,363
Maintenance	1,887	10,696	48,473	56,241	51,583	73,852
Total	5,129	13,111	402,373	164,282	408,272	183,873
Quantity of Fuel Burned						
Oil - Gallons	-	-	97,613	25,490	97,613	25,490
Production Cost per Net KWH						
Generated	(7.124)	(26.222)	75.492	(76.056)	88.562	(64.973)
Fuel	-	-	60.493	(39.656)	69.941	(30.268)
Operation	(4.503)	(4.830)	5.904	(10.363)	7.431	(8.609)
Maintenance	(2.621)	(21.392)	9.094	(26.037)	11.189	(26.096)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	25,090.021	(16,167.269)	29,008.636	(12,339.682)

Cost Per MMBTU Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
 Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	-	5.0	-	5.0
Generation - Net (MWHR)	-	-	-	5.0	-	5.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	-	-	-	5.0	-	5.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	1,324	-	1,324
Fuel Handling	-	-	-	-	-	-
Operations	3,243	2,415	34,098	29,390	36,828	31,455
Maintenance	(682)	424	21,277	46,979	22,111	50,040
Total	2,561	2,839	55,374	77,693	58,938	82,819
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	131	-	131
Production Cost per Net KWH						
Generated	-	-	-	1,553.858	-	1,656.389
Fuel	-	-	-	26.475	-	26.475
Operation	-	-	-	587.794	-	629.106
Maintenance	-	-	-	939.588	-	1,000.808
% of Total BTU Burned						
Gas	-	-	-	50.00%	-	50.00%
Oil	-	-	-	50.00%	-	50.00%
BTU Per Net KWH Generation						
Gas	-	-	-	52,200.000	-	52,200.000
Oil	-	-	-	52,200.000	-	52,200.000

Cost Per MMBTU Burned

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas		-		- 507.192		507.192

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	724.0	286.0	724.0	286.0
Station Use (MWHR)	49.0	57.0	390.0	382.0	456.0	446.0
Generation - Net (MWHR)	(49.0)	(57.0)	334.0	(96.0)	268.0	(160.0)
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(49.0)	(57.0)	334.0	(96.0)	268.0	(160.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	165,987	67,936	165,987	67,936
Fuel Handling	-	-	-	-	-	-
Operations	3,381	2,542	31,431	22,396	35,660	24,513
Maintenance	1,039	4,759	54,411	70,644	57,184	81,975
Total	4,420	7,301	251,830	160,977	258,831	174,424
Quantity of Fuel Burned						
Oil - Gallons	-	-	64,554	26,421	64,554	26,421
Production Cost per Net KWH						
Generated	(9.021)	(12.808)	75.398	(167.684)	96.579	(109.015)
Fuel	-	-	49.697	(70.767)	61.936	(42.460)
Operation	(6.900)	(4.459)	9.411	(23.330)	13.306	(15.320)
Maintenance	(2.120)	(8.349)	16.291	(73.588)	21.337	(51.234)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	28,037.577	(39,924.713)	34,942.353	(23,954.828)

Cost Per MMBTU Burned

Entity ID: Moreau CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity
Activity	Activity	Activity	Activity	Activity	A

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	707.0	116.0	707.0	116.0
Station Use (MWHR)	42.0	34.0	413.0	373.0	455.0	439.0
Generation - Net (MWHR)	(42.0)	(34.0)	294.0	(257.0)	252.0	(323.0)
Energy Input for Pumping (MWHR)	<u>-</u>	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(42.0)	(34.0)	294.0	(257.0)	252.0	(323.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	115,644	21,985	115,644	21,985
Fuel Handling	-	-	-	-	-	-
Operations	3,244	2,555	31,303	22,457	34,034	24,546
Maintenance	6,117	3,693	83,554	82,762	85,307	84,690
Total	9,361	6,248	230,501	127,204	234,985	131,221
Quantity of Fuel Burned						
Oil - Gallons	-	-	72,021	13,692	72,021	13,692
Production Cost per Net KWH						
Generated	(22.288)	(18.377)	78.402	(49.496)	93.248	(40.626)
Fuel	-	-	39.335	(8.555)	45.891	(6.807)
Operation	(7.724)	(7.515)	10.647	(8.738)	13.506	(7.600)
Maintenance	(14.564)	(10.862)	28.420	(32.203)	33.852	(26.220)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	33,560.806	(7,298.848)	39,154.274	(5,807.443)

Cost Per MMBTU Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	732.0	130.0	732.0	130.0
Station Use (MWHR)	41.0	34.0	377.0	299.0	422.0	339.0
Generation - Net (MWHR)	(41.0)		355.0	(169.0)	310.0	
Energy Input for Pumping (MWHR)	-	-	-	-	-	- -
Generation Less Pumping Energy (MWHR)	(41.0)	(34.0)	355.0	(169.0)	310.0	(209.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	110,813	440,836	110,813	440,836
Fuel Handling	-	-	-	-	-	-
Operations	3,182	2,465	31,622	23,829	34,476	25,808
Maintenance	2,834	2,163	58,599	138,810	59,237	147,949
Total	6,016	4,627	201,034	603,476	204,526	614,593
Quantity of Fuel Burned						
Oil - Gallons	-	-	65,286	13,431	65,286	13,431
Production Cost per Net KWH						
Generated	(14.673)	(13.610)	56.629	(357.087)	65.976	(294.064)
Fuel	-	-	31.215	(260.850)	35.746	(210.927)
Operation	(7.761)	(7.250)	8.908	(14.100)	11.121	(12.349)
Maintenance	(6.912)	(6.361)	16.507	(82.136)	19.109	(70.789)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	25,382.292	(9,484.596)	29,066.818	(7,669.362)

Cost Per MMBTU Burned

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			-
Fuel Handling			-			-
Maintenance			131		- 131	<u> </u>
Total			131		- 131	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil		-	-			-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		106.0	31,465.0	21,154.0	31,465.0	21,648.0
Generation - Net (MWHR)	-	106.0	31,465.0	21,154.0	31,465.0	21,648.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	106.0	31,465.0	21,154.0	31,465.0	21,648.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	44,058	49,335	1,966,116	1,638,974	2,008,805	1,678,179
Fuel Handling	-	-	-	-	-	-
Operations	432	1,163	38,369	31,643	69,128	38,104
Maintenance	41,251	55,980	479,301	517,375	514,041	554,603
Total	85,740	106,479	2,483,785	2,187,992	2,591,974	2,270,886
Quantity of Fuel Burned						
Natural Gas - MCF	50	1,515	414,872	275,316	414,990	283,005
Production Cost per Net KWH						
Generated	-	100.452	7.894	10.343	8.238	10.490
Fuel	-	46.543	6.249	7.748	6.384	7.752
Operation	-	1.098	0.122	0.150	0.220	0.176
Maintenance	-	52.812	1.523	2.446	1.634	2.562
% of Total BTU Burned						
Gas	-	100.00%	27.79%	54.71%	27.78%	55.93%
Oil	100.00%	-	72.21%	45.29%	72.22%	44.07%
BTU Per Net KWH Generation						
Gas	-	14,660.377	3,761.917	7,316.472	3,761.917	7,512.642
Oil	-	-	9,776.904	6,056.035	9,780.813	5,919.314

Cost Per MMBTU Burned

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	<u>Activity</u>	Activity	Activity	Activity	Activity	Activity
Natural Gas		- 3,174.714	1,661.009	1,058.956	1,697.074	1,031.877

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	14,243.0	10,015.0	14,243.0	10,015.0
Station Use (MWHR)	170.0	190.0	1,982.0	1,923.0	2,207.0	2,204.0
Generation - Net (MWHR)	(170.0)	(190.0)	12,261.0	8,092.0	12,036.0	7,811.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	(170.0)	(190.0)	12,261.0	8,092.0	12,036.0	7,811.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	20,560	30,437	820,685	702,268	862,347	704,283
Fuel Handling	-	-	-	-	-	-
Operations	5,569	25,832	107,632	125,688	123,116	132,541
Maintenance	68,774	48,622	635,804	520,428	662,045	553,109
Total	94,903	104,891	1,564,122	1,348,384	1,647,508	1,389,933
Quantity of Fuel Burned						
Natural Gas - MCF	818	255	175,783	118,723	176,182	119,357
Production Cost per Net KWH						
Generated	(55.825)		12.757	16.663	13.688	17.795
Fuel	(12.094)	(16.019)	6.693	8.679	7.165	9.017
Operation	(3.276)	(13.596)	0.878	1.553	1.023	1.697
Maintenance	(40.455)	(25.591)	5.186	6.431	5.501	7.081
% of Total BTU Burned						
Gas	-	-	82.71%	83.91%	82.52%	83.47%
Oil	100.00%	100.00%	17.29%	16.09%	17.48%	16.53%
BTU Per Net KWH Generation						
Gas	-	-	12,145.965	12,802.275	12,373.020	13,262.836
Oil	(4,900.000)	(1,378.947)	2,539.787	2,454.398	2,621.579	2,626.295

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			551.085	677.891	579.061	679.836

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	903.0	1,814.0	149,733.6	102,873.0	149,734.6	104,273.0
Station Use (MWHR)	75.0	75.0	3,971.0	3,313.0	4,071.0	3,531.0
Generation - Net (MWHR)	828.0	1,739.0	145,762.6	99,560.0	145,663.6	100,742.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	828.0	1,739.0	145,762.6	99,560.0	145,663.6	100,742.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	99,097	95,949	5,577,852	4,369,362	5,639,944	4,454,521
Fuel Handling	-	-	-	-	-	-
Operations	16,859	19,264	275,587	263,914	294,116	292,818
Maintenance	186,779	144,715	1,742,673	1,270,447	1,897,078	1,424,843
Total	302,736	259,928	7,596,112	5,903,723	7,831,138	6,172,182
Quantity of Fuel Burned						
Natural Gas - MCF	7,114	18,953	1,457,648	1,029,805	1,458,137	1,033,746
Production Cost per Net KWH						
Generated	36.562	14.947	5.211	5.930	5.376	6.127
Fuel	11.968	5.517	3.827	4.389	3.872	4.422
Operation	2.036	1.108	0.189	0.265	0.202	0.291
Maintenance	22.558	8.322	1.196	1.276	1.302	1.414
% of Total BTU Burned						
Gas	100.00%	97.93%	83.50%	75.91%	83.47%	75.64%
Oil	-	2.07%	16.50%	24.09%	16.53%	24.36%
BTU Per Net KWH Generation						
Gas	8,818.841	11,045.405	8,565.896	8,099.766	8,571.717	8,006.765
Oil	-	233.491	1,692.336	2,570.262	1,696.953	2,578.324

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,357.125	499.527	446.733	541.827	451.706	552.247

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	8,829.0	5,075.0	9,709.0	5,075.0
Station Use (MWHR)		-	7.0	3.0	7.0	3.0
Generation - Net (MWHR)	-	-	8,822.0	5,072.0	9,702.0	5,072.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	8,822.0	5,072.0	9,702.0	5,072.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	109,775	108,845	1,529,868	1,336,196	1,702,173	1,437,996
Fuel Handling	-	-	-	-	-	-
Operations	3,408	14,458	69,676	73,051	74,778	78,041
Maintenance	32,772	25,190	449,376	529,168	484,767	592,027
Total	145,955	148,493	2,048,919	1,938,415	2,261,717	2,108,064
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	113,788	66,707	127,556	66,707
Production Cost per Net KWH						
Generated	-	-	23.225	38.218	23.312	41.563
Fuel	-	-	17.342	26.345	17.545	28.352
Operation	-	-	0.790	1.440	0.771	1.539
Maintenance	-	-	5.094	10.433	4.997	11.672
% of Total BTU Burned						
Gas	-	-	54.81%	22.50%	59.61%	22.50%
Oil	-	-	45.19%	77.50%	40.39%	77.50%
BTU Per Net KWH Generation						
Gas	-	-	7,216.049	2,973.919	7,984.228	2,973.919
Oil	-	-	5,949.560	10,241.381	5,409.917	10,241.381

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas			2,403.186	8,858.529	2,197.402	9,533.432

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,491.7	2,843.0	93,932.1	54,789.0	95,732.1	61,057.0
Station Use (MWHR)	247.0	172.0	1,864.0	1,608.0	2,125.0	1,859.0
Generation - Net (MWHR)	1,244.7	2,671.0	92,068.1	53,181.0	93,607.1	59,198.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	1,244.7	2,671.0	92,068.1	53,181.0	93,607.1	59,198.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	136,047	59,336	4,103,597	3,627,365	4,168,471	3,824,379
Fuel Handling	-	-	-	-	-	-
Operations	8,497	24,137	374,780	381,798	398,154	421,316
Maintenance	37,453	42,746	1,319,264	694,393	1,347,734	734,079
Total	181,997	126,220	5,797,642	4,703,557	5,914,359	4,979,775
Quantity of Fuel Burned						
Natural Gas - MCF	15,987	30,439	1,012,384	590,223	1,031,869	652,691
Production Cost per Net KWH						
Generated	14.622	4.726	6.297	8.844	6.318	8.412
Fuel	10.930	2.221	4.457	6.821	4.453	6.460
Operation	0.683	0.904	0.407	0.718	0.425	0.712
Maintenance	3.009	1.600	1.433	1.306	1.440	1.240
% of Total BTU Burned						
Gas	100.00%	89.63%	82.10%	85.64%	81.65%	77.50%
Oil	-	10.37%	17.90%	14.36%	18.35%	22.50%
BTU Per Net KWH Generation						
Gas	13,079.352	10,374.557	9,228.167	9,744.457	9,199.796	8,771.823
Oil	-	1,200.134	2,012.468	1,633.592	2,068.152	2,546.972

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	835.670	214.129	482.992	699.966	484.050	736.485

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Nov Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	277.0	287.0	50,486.1	32,755.0	50,771.1	34,336.0
Station Use (MWHR)	0.2	2.0	12.8	21.0	14.8	27.0
Generation - Net (MWHR)	276.8	285.0	50,473.2	32,734.0	50,756.2	34,309.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	276.8	285.0	50,473.2	32,734.0	50,756.2	34,309.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	39,114	76,675	2,938,969	2,801,497	3,030,329	3,005,352
Fuel Handling	-	-	-	-	-	-
Operations	13,599	2,651	130,862	36,359	169,923	36,869
Maintenance	35,675	83,569	563,493	888,442	639,255	957,266
Total	88,389	162,894	3,633,323	3,726,298	3,839,507	3,999,487
Quantity of Fuel Burned						
Natural Gas - MCF	3,567	4,998	552,270	393,285	555,054	413,238
Production Cost per Net KWH						
Generated	31.928		7.199	11.384	7.565	
Fuel	14.129		5.823	8.558	5.970	8.760
Operation	4.912	0.930	0.259	0.111	0.335	
Maintenance	12.887	29.322	1.116	2.714	1.259	2.790
% of Total BTU Burned						
Gas	100.00%	100.00%	43.23%	11.17%	43.51%	13.77%
Oil	-	-	56.77%	88.83%	56.49%	86.23%
BTU Per Net KWH Generation						
Gas	13,094.518	17,845.614	4,822.301	1,374.408	4,851.130	1,700.124
Oil	-	-	6,332.542	10,932.490	6,297.234	10,648.123

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	1,079.016	1,507.560	1,207.479	6,226.952	1,230.715	5,152.365

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Nov

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	
Total Production Cost						
Fuel - Coal			-	-	-	<u>-</u>
Fuel Handling			-	-	-	-
Maintenance			-	14,590	-	14,590
Total			-	14,590	-	14,590
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

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Entity ID: Ameren Missouri Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	3,694,811.9	3,460,294.5	45,633,829.5	44,070,752.8	45,633,829.5	44,070,752.8
Station Use (MWHR)	187,949.7	207,085.5	2,405,348.9	2,393,685.6	2,405,348.9	2,393,685.6
Generation - Net (MWHR)	3,506,862.1	3,253,209.0	43,228,480.6	41,677,067.2	43,228,480.6	41,677,067.2
Energy Input for Pumping (MWHR)		17,129.0	427,115.0	522,772.0	427,115.0	522,772.0
Generation Less Pumping Energy (MWHR)	3,506,862.1	3,236,080.0	42,801,365.6	41,154,295.2	42,801,365.6	41,154,295.2
Total Production Cost						
Fuel - Coal	43,036,304	61,264,427	599,223,417	671,421,565	599,223,417	671,421,565
Fuel - Natural Gas	(2,096,590)	748,730	26,995,246	22,099,873	26,995,246	22,099,873
Fuel - Oil	237,336	300,970	3,116,732	2,181,351	3,116,732	2,181,351
Fuel Handling	665,906	848,254	8,354,167	9,458,163	8,354,167	9,458,163
Nuclear	7,929,576	3,061,018	95,140,057	75,621,228	95,140,057	75,621,228
Operations	11,572,525	10,170,785	133,815,743	134,714,755	133,815,743	134,714,755
Maintenance	23,650,908	14,805,254	161,124,832	155,737,206	161,124,832	155,737,206
Total	84,995,964	91,199,438	1,027,770,195	1,071,234,140	1,027,770,195	1,071,234,140
Quantity of Fuel Burned						
Coal - Tons	1,348,101	1,662,551	17,473,905	17,975,317	17,473,905	17,975,317
Nuclear - MMBTU	9,045,606	3,423,647	106,407,716	83,357,172	106,407,716	83,357,172
Natural Gas - MCF	35,906	159,124	12,058,757	8,065,788	12,058,757	8,065,788
Oil - Gallons	120,706	168,191	1,756,695	1,418,063	1,756,695	1,418,063
Production Cost per Net KWH						
Generated	2.424	2.803	2.378	2.570	2.378	2.570
Fuel	1.174	1.915	1.456	1.669	1.456	1.669
Fuel Handling	0.019	0.026	0.019	0.023	0.019	0.023
Nuclear Fuel Burned	0.226	0.094	0.220	0.181	0.220	0.181
Operation	0.330	0.313	0.310	0.323	0.310	0.323
Maintenance	0.674	0.455	0.373	0.374	0.373	0.374

[%] of Total BTU Burned

Entity ID: Ameren Missouri

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Coal	72.34%	89.17%	73.16%	78.16%	73.16%	78.16%
Nuclear	27.56%	10.47%	25.28%	20.71%	25.28%	20.71%
Gas	0.05%	0.25%	1.16%	0.75%	1.16%	0.75%
Oil	0.05%	0.11%	0.40%	0.38%	0.40%	0.38%
BTU Per Net KWH Generation						
Coal	6,770.102	8,960.024	7,123.840	7,549.559	7,123.840	7,549.559
Nuclear	2,579.402	1,052.391	2,461.519	2,000.073	2,461.519	2,000.073
Gas	4.961	24.702	112.997	72.517	112.997	72.517
Oil	4.847	11.025	38.596	36.582	38.596	36.582
BTU Per Pound of Coal	8,806	8,766	8,812	8,752	8,812	8,752
Cost Per MMBTU Burned						
Coal	184.073	213.088	197.296	216.397	197.296	216.397
Nuclear	87.662	89.408	89.411	90.720	89.411	90.720
Natural Gas	(12,051.447)	931.713	552.648	731.224	552.648	731.224
Cost Per Ton of Coal Burned						
Coal	31.924	36.850	34.292	37.352	34.292	37.352
Coal Handling	0.350	0.418	0.380	0.447	0.380	0.447
Total	32.274	37.268	34.672	37.799	34.672	37.799

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	966,103.2	359,334.0	11,127,683.2	8,715,274.0	11,127,683.2	8,715,274.0
Station Use (MWHR)	39,483.3	30,598.0	472,405.3	411,147.0	472,405.3	411,147.0
Generation - Net (MWHR)	926,619.8	328,736.0	10,655,277.9	8,304,127.0	10,655,277.9	8,304,127.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	926,619.8	328,736.0	10,655,277.9	8,304,127.0	10,655,277.9	8,304,127.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Nuclear	7,929,576	3,061,018	95,140,057	75,621,228	95,140,057	75,621,228
Operations	6,720,686	4,774,685	73,676,956	74,937,450	73,676,956	74,937,450
Maintenance	4,069,446	7,655,104	44,637,798	67,424,868	44,637,798	67,424,868
Total	18,719,707	15,490,807	213,454,812	217,983,546	213,454,812	217,983,546
Quantity of Fuel Burned						
Nuclear - MMBTU	9,045,606	3,423,647	106,407,716	83,357,172	106,407,716	83,357,172
Production Cost per Net KWH						
Generated	2.020	4.712	2.003	2.625	2.003	2.625
Nuclear Fuel Burned	0.856	0.931	0.893	0.911	0.893	0.911
Operation	0.725	1.452	0.691	0.902	0.691	0.902
Maintenance	0.439	2.329	0.419	0.812	0.419	0.812
% of Total BTU Burned						
Nuclear	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Nuclear	9,761.939	10,414.579	9,986.386	10,038.042	9,986.386	10,038.042

Entity ID: Callaway Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Nuclear	87.662	89.408	89.411	90.720	89.411	90.720

Cost Per Ton of Coal Burned

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: MO Or Corp Distribution Or St Louis Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	12.0	12.0	144.0	144.0	144.0	144.0
Generation - Net (MWHR)	12.0	12.0	144.0	144.0	144.0	144.0
Energy Input for Pumping (MWHR)		-	-		<u>-</u>	<u> </u>
Generation Less Pumping Energy (MWHR)	12.0	12.0	144.0	144.0	144.0	144.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec Energy Ctr Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	23.0	30,415.0	1,527,434.0	1,244,149.0	1,527,434.0	1,244,149.0
Station Use (MWHR)	3,687.3		181,020.1	160,350.0	181,020.1	160,350.0
Generation - Net (MWHR)	(3,664.3)	20,908.0	1,346,413.9	1,083,799.0	1,346,413.9	
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Generation Less Pumping Energy (MWHR)	(3,664.3)	20,908.0	1,346,413.9	1,083,799.0	1,346,413.9	1,083,799.0
Total Production Cost						
Fuel - Coal	489,024	873,972	26,710,062	28,013,555	26,710,062	28,013,555
Fuel - Natural Gas	(802)	82,272	3,358,402	1,522,392	3,358,402	1,522,392
Fuel Handling	62,068	106,699	995,651	1,249,026	995,651	1,249,026
Operations	558,379	651,744	8,241,937	8,677,289	8,241,937	8,677,289
Maintenance	1,219,727	974,198	10,472,204	10,821,347	10,472,204	10,821,347
Total	2,328,397	2,688,886	49,778,256	50,283,609	49,778,256	50,283,609
Quantity of Fuel Burned						
Coal - Tons	15,817	24,094	847,190	741,864	847,190	741,864
Natural Gas - MCF	-	20,387	979,670	463,790	979,670	463,790
Oil - Gallons	3,876	4,031	52,275	44,277	52,275	44,277
Production Cost per Net KWH						
Generated	(63.543)	12.861	3.697	4.640	3.697	4.640
Fuel	(13.324)	4.574	2.233	2.725	2.233	2.725
Fuel Handling	(1.694)	0.510	0.074	0.115	0.074	0.115
Operation	(15.238)	3.117	0.612	0.801	0.612	0.801
Maintenance	(33.287)	4.659	0.778	0.998	0.778	0.998
% of Total BTU Burned						
Coal	100.00%	95.10%	93.77%	96.41%	93.77%	96.41%
Gas	-	4.90%	6.23%	3.59%	6.23%	3.59%
Oil	-	-	-	-	-	-

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
BTU Per Net KWH Generation						
Coal	(82,505.712)	19,674.058	11,158.102	11,822.845	11,158.102	11,822.845
Gas	-	1,013.631	741.845	440.011	741.845	440.011
BTU Per Pound of Coal	9,557	8,536	8,867	8,636	8,867	8,636
Cost Per MMBTU Burned						
Coal	182.286	238.406	184.417	228.371	184.417	228.371
Natural Gas	-	388.206	336.234	319.238	336.234	319.238
Cost Per Ton of Coal Burned						
Coal	30.918	36.273	31.528	37.761	31.528	37.761
Coal Handling	3.885	4.317	1.167	1.637	1.167	1.637
Total	34.803	40.591	32.695	39.398	32.695	39.398

Entity ID: Sioux Energy Ctr Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	538,265.9	581,183.0	6,109,489.2	5,409,335.0	6,109,489.2	5,409,335.0
Station Use (MWHR)	36,677.0	41,504.0	444,599.0	431,243.0	444,599.0	431,243.0
Generation - Net (MWHR)	501,588.9	539,679.0	5,664,890.2	4,978,092.0	5,664,890.2	
Energy Input for Pumping (MWHR)	-	-	-	-	, , , <u>-</u>	-
Generation Less Pumping Energy (MWHR)	501,588.9	539,679.0	5,664,890.2	4,978,092.0	5,664,890.2	4,978,092.0
Total Production Cost						
Fuel - Coal	8,579,647	11,746,098	109,525,600	105,293,518	109,525,600	105,293,518
Fuel - Oil	(46,157)	36,681	301,038	306,011	301,038	306,011
Fuel Handling	156,261	196,397	2,404,671	2,324,340	2,404,671	2,324,340
Operations	774,020	974,638	9,903,077	10,657,895	9,903,077	10,657,895
Maintenance	2,832,598	1,800,493	22,998,595	24,915,793	22,998,595	24,915,793
Total	12,296,370	14,754,308	145,132,981	143,497,556	145,132,981	143,497,556
Quantity of Fuel Burned						
Coal - Tons	255,515	320,045	3,142,611	2,821,889	3,142,611	2,821,889
Oil - Gallons	(19,291)	18,722	150,103	172,469	150,103	172,469
Production Cost per Net KWH						
Generated	2.451	2.734	2.562	2.883	2.562	2.883
Fuel	1.701	2.183	1.939	2.121	1.939	2.121
Fuel Handling	0.031	0.036	0.042	0.047	0.042	0.047
Operation	0.154	0.181	0.175	0.214	0.175	0.214
Maintenance	0.565	0.334	0.406	0.501	0.406	0.501
% of Total BTU Burned						
Coal	100.06%	99.96%	99.96%	99.95%	99.96%	99.95%
Oil	(0.06)%	0.04%	0.04%	0.05%	0.04%	0.05%
BTU Per Net KWH Generation						
Coal	9,247.417	10,936.776	10,221.397	10,342.072	10,221.397	10,342.072

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	(5.269)	4.753	3.630	4.746	3.630	4.746
BTU Per Pound of Coal	9,077	9,221	9,213	9,122	9,213	9,122
Cost Per MMBTU Burned Coal	188.339	202.335	193.306	209.033	193.306	209.033
Cost Per Ton of Coal Burned						
Coal	33.578	36.701	34.852	37.313	34.852	37.313
Coal Handling	0.546	0.526	0.685	0.769	0.685	0.769
Total	34.124	37.227	35.537	38.082	35.537	38.082

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	1,189,680.0	1,505,384.0	16,589,154.3	16,990,237.0	16,589,154.3	16,990,237.0
Station Use (MWHR)	60,880.0	74,636.0	823,455.0	843,842.0	823,455.0	843,842.0
Generation - Net (MWHR)	1,128,800.0	1,430,748.0	15,765,699.3	16,146,395.0	15,765,699.3	16,146,395.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	1,128,800.0	1,430,748.0	15,765,699.3	16,146,395.0	15,765,699.3	16,146,395.0
Total Production Cost						
Fuel - Coal	17,781,567	31,331,410	300,533,801	350,199,250	300,533,801	350,199,250
Fuel - Oil	283,492	196,363	1,637,440	1,294,259	1,637,440	1,294,259
Fuel Handling	342,931	467,165	3,763,071	4,670,856	3,763,071	4,670,856
Operations	1,628,684	1,735,816	18,406,099	17,958,049	18,406,099	17,958,049
Maintenance	9,540,604	2,222,833	39,824,522	25,094,209	39,824,522	25,094,209
Total	29,577,277	35,953,587	364,164,933	399,216,624	364,164,933	399,216,624
Quantity of Fuel Burned						
Coal - Tons	612,777	832,131	8,993,555	9,264,240	8,993,555	9,264,240
Oil - Gallons	136,121	107,538	792,652	769,970	792,652	769,970
Production Cost per Net KWH						
Generated	2.620	2.513	2.310	2.472	2.310	2.472
Fuel	1.600	2.204	1.917	2.177	1.917	2.177
Fuel Handling	0.030	0.033	0.024	0.029	0.024	0.029
Operation	0.144	0.121	0.117	0.111	0.117	0.111
Maintenance	0.845	0.155	0.253	0.155	0.253	0.155
% of Total BTU Burned						
Coal	99.82%	99.90%	99.93%	99.94%	99.93%	99.94%
Oil	0.18%	0.10%	0.07%	0.06%	0.07%	0.06%
BTU Per Net KWH Generation						
Coal	9,473.925	10,204.210	10,052.495	10,079.124	10,052.495	10,079.124

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Entity ID: Labadie Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	16.651	10.297	6.868	6.533	6.868	6.533
BTU Per Pound of Coal	8,726	8,772	8,811	8,783	8,811	8,783
Cost Per MMBTU Burned Coal	169.480	217.804	192.004	218.058	192.004	218.058
Cost Per Ton of Coal Burned						
Coal	29.018	37.652	33.417	37.801	33.417	37.801
Coal Handling	0.314	0.445	0.290	0.401	0.290	0.401
Total	29.332	38.097	33.706	38.202	33.706	38.202

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	876,944.0	876,110.0	8,216,909.2	9,327,506.0	8,216,909.2	9,327,506.0
Station Use (MWHR)	45,076.0	47,721.0	450,681.0	512,572.0	450,681.0	512,572.0
Generation - Net (MWHR)	831,868.0	828,389.0	7,766,228.2	8,814,934.0	7,766,228.2	8,814,934.0
Energy Input for Pumping (MWHR)	<u> </u>		<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	831,868.0	828,389.0	7,766,228.2	8,814,934.0	7,766,228.2	8,814,934.0
Total Production Cost						
Fuel - Coal	16,186,066	17,312,946	162,453,953	187,915,242	162,453,953	187,915,242
Fuel - Oil	-	67,927	1,178,254	581,080	1,178,254	581,080
Fuel Handling	104,646	77,992	1,190,775	1,213,940	1,190,775	1,213,940
Operations	950,231	925,478	11,822,265	11,117,125	11,822,265	11,117,125
Maintenance	1,976,820	829,090	22,978,667	13,637,477	22,978,667	13,637,477
Total	19,217,762	19,213,433	199,623,913	214,464,864	199,623,913	214,464,864
Quantity of Fuel Burned						
Coal - Tons	463,992	486,281	4,490,549	5,147,324	4,490,549	5,147,324
Oil - Gallons	-	37,900	448,767	352,313	448,767	352,313
Production Cost per Net KWH						
Generated	2.310	2.319	2.570	2.433	2.570	2.433
Fuel	1.946	2.098	2.107	2.138	2.107	2.138
Fuel Handling	0.013	0.009	0.015	0.014	0.015	0.014
Operation	0.114	0.112	0.152	0.126	0.152	0.126
Maintenance	0.238	0.100	0.296	0.155	0.296	0.155
% of Total BTU Burned						
Coal	100.00%	99.94%	99.92%	99.94%	99.92%	99.94%
Oil	-	0.06%	0.08%	0.06%	0.08%	0.06%
BTU Per Net KWH Generation						
Coal	9,745.445	9,941.568	9,855.705	9,938.203	9,855.705	9,938.203

Entity ID: Rush Island Energy Ctr Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Oil	-	6.268	7.916	5.475	7.916	5.475
BTU Per Pound of Coal	8,736	8,468	8,523	8,510	8,523	8,510
Cost Per MMBTU Burned Coal	200.948	211.171	213.798	215.890	213.798	215.890
Cost Per Ton of Coal Burned						
Coal	34.884	35.603	36.177	36.507	36.177	36.507
Coal Handling	0.169	0.108	0.197	0.181	0.197	0.181
Total	35.053	35.711	36.374	36.689	36.374	36.689

Entity ID: Osage Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	25,415.0	10,748.0	348,445.9	632,988.0	348,445.9	632,988.0
Station Use (MWHR)	750.0	1,018.0	8,405.0	8,078.0	8,405.0	8,078.0
Generation - Net (MWHR)	24,665.0	9,730.0	340,040.9	624,910.0	340,040.9	624,910.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	24,665.0	9,730.0	340,040.9	624,910.0	340,040.9	624,910.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	224,857	216,840	2,948,232	2,597,711	2,948,232	2,597,711
Maintenance	191,332	147,992	2,098,118	3,008,406	2,098,118	3,008,406
Total	416,189	364,831	5,046,351	5,606,117	5,046,351	5,606,117
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	1.687	3.750	1.484	0.897	1.484	0.897
Operation	0.912	2.229	0.867	0.416	0.867	0.416
Maintenance	0.776	1.521	0.617	0.481	0.617	0.481
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Taum Sauk Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	13,052.0	308,720.0	377,932.0	308,720.0	377,932.0
Station Use (MWHR)	322.0	337.0	2,940.0	2,766.0	2,940.0	2,766.0
Generation - Net (MWHR)	(322.0)	12,715.0	305,780.0	375,166.0	305,780.0	375,166.0
Energy Input for Pumping (MWHR)	_	17,129.0	427,115.0	522,772.0	427,115.0	522,772.0
Generation Less Pumping Energy (MWHR)	(322.0)	(4,414.0)	(121,335.0)	(147,606.0)	(121,335.0)	(147,606.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	183,752	221,815	2,097,833	1,988,751	2,097,833	1,988,751
Maintenance	235,093	123,357	2,138,594	1,298,491	2,138,594	1,298,491
Total	418,845	345,172	4,236,427	3,287,242	4,236,427	3,287,242
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	(130.076)	2.715	1.385	0.876	1.385	0.876
Operation	(57.066)	1.745	0.686	0.530	0.686	0.530
Maintenance	(73.010)	0.970	0.699	0.346	0.699	0.346
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Keokuk Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month <u>Activity</u>	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	96,432.0	77,250.0	915,439.5	1,023,421.0	915,439.5	1,023,421.0
Station Use (MWHR)	303.0	534.0	4,746.0	6,213.0	4,746.0	6,213.0
Generation - Net (MWHR)	96,129.0	76,716.0	910,693.5	1,017,208.0	910,693.5	1,017,208.0
Energy Input for Pumping (MWHR)	_	-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	96,129.0	76,716.0	910,693.5	1,017,208.0	910,693.5	1,017,208.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	299,376	294,211	3,235,867	3,131,294	3,235,867	3,131,294
Maintenance	85,924	225,742	759,600	1,104,372	759,600	1,104,372
Total	385,301	519,953	3,995,467	4,235,666	3,995,467	4,235,666
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.401	0.678	0.439	0.416	0.439	0.416
Operation	0.311	0.384	0.355	0.308	0.355	0.308
Maintenance	0.089	0.294	0.083	0.109	0.083	0.109
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

<u>-</u>	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			
Total Production Cost Fuel - Coal Fuel Handling		 				
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	2,632.8	41,255.2	47,567.0	41,255.2	47,567.0
Station Use (MWHR)		417.5	6,760.5	8,260.6	6,760.5	8,260.6
Generation - Net (MWHR)	-	2,215.3	34,494.7	39,306.4	34,494.7	39,306.4
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	2,215.3	34,494.7	39,306.4	34,494.7	39,306.4
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	(2,367,512)	90,002	1,508,182	1,819,227	1,508,182	1,819,227
Fuel Handling	-	-	-	-	-	-
Operations	43,819	27,656	481,227	385,201	481,227	385,201
Maintenance	737,091	223,711	3,633,990	1,601,906	3,633,990	1,601,906
Total	(1,586,602)	341,369	5,623,400	3,806,333	5,623,400	3,806,333
Quantity of Fuel Burned						
Natural Gas - MCF	-	26,866	450,827	546,698	450,827	546,698
Production Cost per Net KWH						
Generated	-	15.410	16.302	9.684	16.302	9.684
Fuel	-	4.063	4.372	4.628	4.372	4.628
Operation	-	1.248	1.395	0.980		
Maintenance	-	10.099	10.535	4.075	10.535	4.075
% of Total BTU Burned						
Gas	-	100.00%	100.00%	100.00%	100.00%	100.00%
Oil	-	-	-	-	-	-
BTU Per Net KWH Generation						
Gas	-	12,127.598	13,069.467	13,908.624	13,069.467	13,908.624

Entity ID: Maryland Heights Landfill CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
——————————————————————————————————————						
Natural Gas		- 335.003	334.537	332.766	334.537	332.766

Cost Per Ton of Coal Burned

Entity ID: O'Fallon Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	265.0	352.7	5,995.5	5,993.8	5,995.5	5,993.8
Generation - Net (MWHR)	265.0	352.7	5,995.5	5,993.8	5,995.5	5,993.8
Energy Input for Pumping (MWHR)		<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	<u>-</u>
Generation Less Pumping Energy (MWHR)	265.0	352.7	5,995.5	5,993.8	5,995.5	5,993.8
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel Handling	-	-	-	-	-	-
Operations	366	892	3,476	8,203	3,476	8,203
Maintenance		-	29,672	-	29,672	<u>-</u>
Total	366	892	33,148	8,203	33,148	8,203
Quantity of Fuel Burned						
Production Cost per Net KWH						
Generated	0.138	0.253	0.553	0.137	0.553	0.137
Operation	0.138	0.253	0.058	0.137	0.058	0.137
Maintenance	-	-	0.495	-	0.495	-
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Montgomery Renewable Energy Ctr Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

-	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost Fuel - Coal Fuel Handling		 			- -	
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned Oil			-			_

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: UEC Generation - Common Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)	-	-	-	-	-	-
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	8,125	6,600	89,725	67,549	89,725	67,549
Fuel Handling	-	-	-	-	-	-
Operations	80,408	119,942	1,121,621	1,409,296	1,121,621	1,409,296
Maintenance	1,199,914	187,194	3,693,300	682,634	3,693,300	682,634
Total	1,288,447	313,736	4,904,646	2,159,479	4,904,646	2,159,479
Quantity of Fuel Burned						
Natural Gas - MCF	18,243	66,871	5,868,536	3,811,517	5,868,536	3,811,517
Production Cost per Net KWH						
% of Total BTU Burned						
Oil	-	-	-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Venice CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	52.5	736.0	86,591.5	64,039.0	86,591.5	64,039.0
Generation - Net (MWHR)	52.5	736.0	86,591.5	64,039.0	86,591.5	64,039.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	52.5	736.0	86,591.5	64,039.0	86,591.5	64,039.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	65,872	88,659	3,980,688	3,050,055	3,980,688	3,050,055
Fuel Handling	-	-	-	-	-	-
Operations	32,438	69,614	537,980	558,137	537,980	558,137
Maintenance	116,194	38,231	898,880	826,207	898,880	826,207
Total	214,504	196,504	5,417,548	4,434,399	5,417,548	4,434,399
Quantity of Fuel Burned						
Natural Gas - MCF	619	6,399	975,007	709,753	975,007	709,753
Production Cost per Net KWH						
Generated	408.204	26.699	6.256	6.925	6.256	6.925
Fuel	125.355	12.046	4.597	4.763	4.597	4.763
Operation	61.731	9.458	0.621	0.872	0.621	0.872
Maintenance	221.118	5.194	1.038	1.290	1.038	1.290
% of Total BTU Burned						
Gas	100.00%	53.94%	70.78%	42.01%	70.78%	42.01%
Oil	0.00%	46.06%	29.22%	57.99%	29.22%	57.99%
BTU Per Net KWH Generation						
Gas	12,007.932	4,798.188	8,132.131	4,789.430	8,132.131	4,789.430
Oil	0.069	4,097.193	3,356.904	6,611.232	3,356.904	6,611.232

Entity ID: Venice CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	10,439.364	2,510.547	565.299	994.442	565.299	994.442

Cost Per Ton of Coal Burned

Entity ID: Howard Bend CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	-
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Operations		-	21	41	21	41
Maintenance			6,740	415	6,740	415
Total			6,761	457	6,761	457
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Meramec CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		119.0	3,015.0	1,740.0	3,015.0	1,740.0
Generation - Net (MWHR)	-	119.0	3,015.0	1,740.0	3,015.0	1,740.0
Energy Input for Pumping (MWHR)		-	-	-	-	
Generation Less Pumping Energy (MWHR)	-	119.0	3,015.0	1,740.0	3,015.0	1,740.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	(7)	6,214	208,555	72,266	208,555	72,266
Fuel Handling	-	-	-	-	-	-
Operations	2,438	3,163	36,868	37,583	36,868	37,583
Maintenance	6,483	13,193	58,116	126,684	58,116	126,684
Total	8,914	22,570	303,538	236,534	303,538	236,534
Quantity of Fuel Burned						
Natural Gas - MCF	-	1,558	40,928	22,797	40,928	22,797
Oil - Gallons	-	-	13,424	-	13,424	-
Production Cost per Net KWH						
Generated	-	18.966	10.068	13.594	10.068	13.594
Fuel	-	5.221	6.917	4.153	6.917	4.153
Operation	-	2.658	1.223	2.160	1.223	2.160
Maintenance	-	11.087	1.928	7.281	1.928	7.281
% of Total BTU Burned						
Gas	-	36.97%	95.13%	87.66%	95.13%	87.66%
Oil	-	63.03%	4.87%	12.34%	4.87%	12.34%
BTU Per Net KWH Generation						
Gas	-	4,980.722	13,783.085	11,785.552	13,783.085	11,785.552
Oil	-	8,489.867	704.838	1,659.275	704.838	1,659.275

Entity ID: Meramec CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Run Date: 07/24/19 08:13:38 AM

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 1,048.336	501.864	352.401	501.864	352.401

Cost Per Ton of Coal Burned

Entity ID: Fairgrounds CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	1,082.0	263.0	1,082.0	263.0
Station Use (MWHR)	74.0	72.0	623.0	551.0	623.0	551.0
Generation - Net (MWHR)	(74.0)	(72.0)	459.0	(288.0)	459.0	(288.0)
Energy Input for Pumping (MWHR)		-	_	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(74.0)	(72.0)	459.0	(288.0)	459.0	(288.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	322,430	85,658	322,430	85,658
Fuel Handling	-	-	-	-	-	-
Operations	3,354	2,789	34,824	25,172	34,824	25,172
Maintenance	4,900	3,110	53,372	59,351	53,372	59,351
Total	8,254	5,899	410,627	170,180	410,627	170,180
Quantity of Fuel Burned						
Oil - Gallons	-	-	97,613	25,490	97,613	25,490
Production Cost per Net KWH						
Generated	(11.154)	(8.193)	89.461	(59.090)	89.461	(59.090)
Fuel	-	-	70.246	(29.742)	70.246	(29.742)
Operation	(4.532)	(3.874)	7.587	(8.740)	7.587	(8.740)
Maintenance	(6.621)	(4.319)	11.628	(20.608)	11.628	(20.608)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	29,135.035	(12,125.451)	29,135.035	(12,125.451)

Entity ID: Fairgrounds CTG
Report: Electric Generating Plant Statistics
Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity
Activity	Activity	Activity	Activity	Activity	A

Cost Per Ton of Coal Burned

Entity ID: Kirksville CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)			-	5.0		5.0
Generation - Net (MWHR)	-	-	-	5.0	-	5.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	-	5.0	-	5.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	-	1,324	-	1,324
Fuel Handling	-	-	-	-	-	-
Operations	3,758	2,730	37,855	32,120	37,855	32,120
Maintenance		834	21,277	47,813	21,277	47,813
Total	3,758	3,564	59,132	81,257	59,132	81,257
Quantity of Fuel Burned						
Natural Gas - MCF	-	-	-	131	-	131
Production Cost per Net KWH						
Generated	-	-	-	1,625.138	-	1,625.138
Fuel	-	-	-	26.475	-	26.475
Operation	-	-	-	642.394	-	642.394
Maintenance	-	-	-	956.268	-	956.268
% of Total BTU Burned						
Gas	-	-	-	50.00%	-	50.00%
Oil	-	-	-	50.00%	-	50.00%
BTU Per Net KWH Generation						
Gas	-	-	-	52,200.000	-	52,200.000
Oil	-	-	-	52,200.000	-	52,200.000

Entity ID: Kirksville CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas			i	- 507.192	<u> -</u>	507.192

Cost Per Ton of Coal Burned

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	724.0	286.0	724.0	286.0
Station Use (MWHR)	55.0	66.0	445.0	448.0	445.0	448.0
Generation - Net (MWHR)	(55.0)	(66.0)	279.0	(162.0)	279.0	(162.0)
Energy Input for Pumping (MWHR)	<u> </u>	<u>-</u>	<u>-</u>	<u> </u>	<u> </u>	
Generation Less Pumping Energy (MWHR)	(55.0)	(66.0)	279.0	(162.0)	279.0	(162.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	165,987	67,936	165,987	67,936
Fuel Handling	-	-	-	-	-	-
Operations	3,354	4,228	34,785	26,625	34,785	26,625
Maintenance	8,031	2,773	62,442	73,417	62,442	73,417
Total	11,385	7,001	263,214	167,978	263,214	167,978
Quantity of Fuel Burned						
Oil - Gallons	-	-	64,554	26,421	64,554	26,421
Production Cost per Net KWH						
Generated	(20.699)	(10.608)	94.342	(103.690)	94.342	(103.690)
Fuel	-	-	59.494	(41.936)	59.494	(41.936)
Operation	(6.098)	(6.406)	12.468	(16.435)	12.468	(16.435)
Maintenance	(14.601)	(4.202)	22.381	(45.319)	22.381	(45.319)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	33,564.697	(23,659.089)	33,564.697	(23,659.089)

Entity ID: Moreau CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
_	Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	. <u>-</u>	707.0	116.0	707.0	116.0
Station Use (MWHR)	15.0	42.0	428.0	415.0	428.0	415.0
Generation - Net (MWHR)	(15.0)	(42.0)	279.0	(299.0)	279.0	(299.0)
Energy Input for Pumping (MWHR)			-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(15.0)	(42.0)	279.0	(299.0)	279.0	(299.0)
Total Production Cost						
Fuel - Coal	-		-	-	-	-
Fuel - Natural Gas	-	. <u>-</u>	115,644	21,985	115,644	21,985
Fuel Handling	-	<u>-</u>	-	-	-	-
Operations	3,353	2,731	34,656	25,188	34,656	25,188
Maintenance	12,842	1,753	96,396	84,515	96,396	84,515
Total	16,195	4,484	246,696	131,688	246,696	131,688
Quantity of Fuel Burned						
Oil - Gallons	-	<u>-</u>	72,021	13,692	72,021	13,692
Production Cost per Net KWH						
Generated	(107.968)	(10.676)	88.422	(44.043)	88.422	(44.043)
Fuel	-	. <u>-</u>	41.449	(7.353)	41.449	(7.353)
Operation	(22.353)	(6.502)	12.422	(8.424)	12.422	(8.424)
Maintenance	(85.615)	(4.174)	34.550	(28.266)	34.550	(28.266)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	35,365.151	(6,273.592)	35,365.151	(6,273.592)

Entity ID: Moberly CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Mexico CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	732.0	130.0	732.0	130.0
Station Use (MWHR)	43.0	45.0	420.0	344.0	420.0	344.0
Generation - Net (MWHR)	(43.0)		312.0	(214.0)	312.0	
Energy Input for Pumping (MWHR)	-	-	-	-	-	- -
Generation Less Pumping Energy (MWHR)	(43.0)	(45.0)	312.0	(214.0)	312.0	(214.0)
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	-	-	110,813	440,836	110,813	440,836
Fuel Handling	-	-	-	-	-	-
Operations	3,352	2,854	34,974	26,683	34,974	26,683
Maintenance	2,017	638	60,616	139,448	60,616	139,448
Total	5,369	3,492	206,403	606,968	206,403	606,968
Quantity of Fuel Burned						
Oil - Gallons	-	-	65,286	13,431	65,286	13,431
Production Cost per Net KWH						
Generated	(12.487)	(7.760)	66.155	(283.630)	66.155	(283.630)
Fuel	-	-	35.517	(205.998)	35.517	(205.998)
Operation	(7.795)	(6.342)	11.210	(12.469)	11.210	(12.469)
Maintenance	(4.691)	(1.418)	19.428	(65.163)	19.428	(65.163)
% of Total BTU Burned						
Oil	-	-	100.00%	100.00%	100.00%	100.00%
BTU Per Net KWH Generation						
Oil	-	-	28,880.493	(7,490.172)	28,880.493	(7,490.172)

Entity ID: Mexico CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
Activity	Activity	Activity	Activity	Activity	Activity

Cost Per Ton of Coal Burned

Entity ID: Viaduct CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-			-
Total Production Cost						
Fuel - Coal			-			<u>-</u>
Fuel Handling			-			-
Maintenance			131		- 131	<u>-</u>
Total			131		- 131	-
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil		-	-			<u>-</u>

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned

Entity ID: Goose Creek CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)		-	31,465.0	21,154.0	31,465.0	21,154.0
Generation - Net (MWHR)	-	-	31,465.0	21,154.0	31,465.0	21,154.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	-	-	31,465.0	21,154.0	31,465.0	21,154.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	41,459	42,689	2,007,575	1,681,664	2,007,575	1,681,664
Fuel Handling	-	-	-	-	-	-
Operations	614	30,759	38,983	62,401	38,983	62,401
Maintenance	62,424	34,741	541,724	552,116	541,724	552,116
Total	104,497	108,189	2,588,282	2,296,181	2,588,282	2,296,181
Quantity of Fuel Burned						
Natural Gas - MCF	51	118	414,923	275,434	414,923	275,434
Production Cost per Net KWH						
Generated	-	-	8.226	10.855	8.226	10.855
Fuel	-	-	6.380	7.950	6.380	7.950
Operation	-	-	0.124	0.295	0.124	0.295
Maintenance	-	-	1.722	2.610	1.722	2.610
% of Total BTU Burned						
Gas	-	-	27.78%	54.69%	27.78%	54.69%
Oil	100.00%	100.00%	72.22%	45.31%	72.22%	45.31%
BTU Per Net KWH Generation						
Gas	-	-	3,761.917	7,316.472	3,761.917	7,316.472
Oil	-	-	9,778.556	6,061.849	9,778.556	6,061.849

Entity ID: Goose Creek CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current	Prior Year	Current Year	Prior Year	Current Year	Prior Year
	Month	Same Month	Year-to-Date	Year-to-Date	12 Months End	12 Months End
	Activity	Activity	Activity	Activity	Activity	Activity
Natural Gas	•		- 1,696.035	1,086.538	1,696.035	1,086.538

Cost Per Ton of Coal Burned

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	-	14,243.0	10,015.0	14,243.0	10,015.0
Station Use (MWHR)	178.0	225.0	2,160.0	2,148.0	2,160.0	2,148.0
Generation - Net (MWHR)	(178.0)	(225.0)	12,083.0	7,867.0	12,083.0	7,867.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u>-</u>
Generation Less Pumping Energy (MWHR)	(178.0)	(225.0)	12,083.0	7,867.0	12,083.0	7,867.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	6,831	41,662	827,517	743,930	827,517	743,930
Fuel Handling	-	-	-	-	-	-
Operations	4,914	15,484	112,546	141,172	112,546	141,172
Maintenance	44,323	26,241	680,127	546,669	680,127	546,669
Total	56,068	83,387	1,620,189	1,431,771	1,620,189	1,431,771
Quantity of Fuel Burned						
Natural Gas - MCF	773	399	176,556	119,122	176,556	119,122
Production Cost per Net KWH						
Generated	(31.499)	(37.061)	13.409	18.200	13.409	18.200
Fuel	(3.838)		6.849	9.456	6.849	9.456
Operation	(2.760)	(6.882)	0.931	1.794	0.931	1.794
Maintenance	(24.900)	(11.663)	5.629	6.949	5.629	6.949
% of Total BTU Burned						
Gas	-	-	82.34%	83.63%	82.34%	83.63%
Oil	100.00%	100.00%	17.66%	16.37%	17.66%	16.37%
BTU Per Net KWH Generation						
Gas	-	-	12,324.892	13,168.426	12,324.892	13,168.426
Oil	(4,449.438)	(1,835.556)	2,642.748	2,577.093	2,642.748	2,577.093

Entity ID: Kinmundy CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		-	- 555.672	718.107	555.672	718.107

Cost Per Ton of Coal Burned

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	850.0	1.0	150,583.6	102,874.0	150,583.6	102,874.0
Station Use (MWHR)	94.0	100.0	4,065.0	3,413.0	4,065.0	3,413.0
Generation - Net (MWHR)	756.0	(99.0)	146,518.6	99,461.0	146,518.6	99,461.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	756.0	(99.0)	146,518.6	99,461.0	146,518.6	99,461.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	(14,979)	62,092	5,562,873	4,431,454	5,562,873	4,431,454
Fuel Handling	-	-	-	-	-	-
Operations	27,253	18,529	302,840	282,444	302,840	282,444
Maintenance	404,936	154,404	2,147,609	1,424,851	2,147,609	1,424,851
Total	417,210	235,026	8,013,322	6,138,749	8,013,322	6,138,749
Quantity of Fuel Burned						
Natural Gas - MCF	8,478	489	1,466,126	1,030,294	1,466,126	1,030,294
Production Cost per Net KWH						
Generated	55.187	(237.400)	5.469	6.172	5.469	6.172
Fuel	(1.981)	(62.720)	3.797	4.455	3.797	4.455
Operation	3.605	(18.716)	0.207	0.284	0.207	0.284
Maintenance	53.563	(155.964)	1.466	1.433	1.466	1.433
% of Total BTU Burned						
Gas	100.00%	-	83.60%	75.88%	83.60%	75.88%
Oil	-	100.00%	16.40%	24.12%	16.40%	24.12%
BTU Per Net KWH Generation						
Gas	11,607.143	-	8,581.588	8,107.828	8,581.588	8,107.828
Oil	-	(5,101.010)	1,683.604	2,577.898	1,683.604	2,577.898

Entity ID: Pinckneyville CTG Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	(170.699)	-	442.424	549.527	442.424	549.527

Cost Per Ton of Coal Burned

Entity ID: Raccoon Creek CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	55.0	880.0	8,884.0	5,955.0	8,884.0	5,955.0
Station Use (MWHR)	1.0	<u> </u>	8.0	3.0	8.0	3.0
Generation - Net (MWHR)	54.0	880.0	8,876.0	5,952.0	8,876.0	5,952.0
Energy Input for Pumping (MWHR)		-	-	-	-	_
Generation Less Pumping Energy (MWHR)	54.0	880.0	8,876.0	5,952.0	8,876.0	5,952.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	92,887	172,305	1,622,755	1,508,500	1,622,755	1,508,500
Fuel Handling	-	-	-	-	-	-
Operations	1,100	5,102	70,775	78,153	70,775	78,153
Maintenance	39,822	35,391	489,198	564,559	489,198	564,559
Total	133,809	212,798	2,182,728	2,151,213	2,182,728	2,151,213
Quantity of Fuel Burned						
Natural Gas - MCF	-	13,768	113,788	80,475	113,788	80,475
Production Cost per Net KWH						
Generated	247.794	24.182	24.591	36.143	24.591	36.143
Fuel	172.012	19.580	18.282	25.344	18.282	25.344
Operation	2.036	0.580	0.797	1.313	0.797	1.313
Maintenance	73.745	4.022	5.511	9.485	5.511	9.485
% of Total BTU Burned						
Gas	-	100.00%	54.81%	35.74%	54.81%	35.74%
Oil	-	-	45.19%	64.26%	45.19%	64.26%
BTU Per Net KWH Generation						
Gas	-	15,685.227	7,172.148	4,853.279	7,172.148	4,853.279
Oil	-	-	5,913.364	8,727.198	5,913.364	8,727.198

Entity ID: Raccoon Creek CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 1,248.314	2,549.097	5,222.124	2,549.097	5,222.124

Cost Per Ton of Coal Burned

Entity ID: Peno Creek CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	714.3	1,800.0	94,646.4	56,589.0	94,646.4	56,589.0
Station Use (MWHR)	311.0	261.0	2,175.0	1,869.0	2,175.0	1,869.0
Generation - Net (MWHR)	403.3	1,539.0	92,471.4	54,720.0	92,471.4	54,720.0
Energy Input for Pumping (MWHR)		-	-	-	-	<u> </u>
Generation Less Pumping Energy (MWHR)	403.3	1,539.0	92,471.4	54,720.0	92,471.4	54,720.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	52,965	64,874	4,156,563	3,692,239	4,156,563	3,692,239
Fuel Handling	-	-	-	-	-	-
Operations	5,694	23,374	380,474	405,172	380,474	405,172
Maintenance	817,413	28,469	2,136,677	722,863	2,136,677	722,863
Total	876,073	116,717	6,673,714	4,820,274	6,673,714	4,820,274
Quantity of Fuel Burned						
Natural Gas - MCF	7,740	19,485	1,020,124	609,708	1,020,124	609,708
Production Cost per Net KWH						
Generated	217.237	7.584	7.217	8.809	7.217	8.809
Fuel	13.134	4.215	4.495	6.748	4.495	6.748
Operation	1.412	1.519	0.411	0.740	0.411	0.740
Maintenance	202.691	1.850	2.311	1.321	2.311	1.321
% of Total BTU Burned						
Gas	100.00%	58.15%	82.23%	84.77%	82.23%	84.77%
Oil	-	41.85%	17.77%	15.23%	17.77%	15.23%
BTU Per Net KWH Generation						
Gas	19,815.017	7,502.530	9,274.338	9,681.403	9,274.338	9,681.403
Oil	-	5,399.355	2,003.691	1,739.504	2,003.691	1,739.504

Entity ID: Peno Creek CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas	662.814	561.855	484.668	696.956	484.668	696.956

Cost Per Ton of Coal Burned

Entity ID: Audrain CTG Report: Electric Generating Plant Statistics Period: Dec Year: 2018

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Generation - Gross (MWHR)	-	285.0	50,486.1	33,040.0	50,486.1	33,040.0
Station Use (MWHR)	0.2	2.0	13.0	23.0	13.0	23.0
Generation - Net (MWHR)	(0.2)	283.0	50,473.1	33,017.0	50,473.1	33,017.0
Energy Input for Pumping (MWHR)	_	-	<u> </u>	<u>-</u>	<u> </u>	<u> </u>
Generation Less Pumping Energy (MWHR)	(0.2)	283.0	50,473.1	33,017.0	50,473.1	33,017.0
Total Production Cost						
Fuel - Coal	-	-	-	-	-	-
Fuel - Natural Gas	18,570	91,360	2,957,539	2,892,857	2,957,539	2,892,857
Fuel Handling	-	-	-	-	-	-
Operations	9,462	39,061	140,324	75,420	140,324	75,420
Maintenance	42,974	75,762	606,467	964,204	606,467	964,204
Total	71,007	206,184	3,704,330	3,932,482	3,704,330	3,932,482
Quantity of Fuel Burned						
Natural Gas - MCF	2	2,784	552,272	396,069	552,272	396,069
Production Cost per Net KWH						
Generated	(42,621.056)	72.857	7.339	11.910	7.339	11.910
Fuel	(11,146.597)	32.283	5.860	8.762	5.860	8.762
Operation	(5,679.472)	13.803	0.278	0.228	0.278	0.228
Maintenance	(25,794.988)	26.771	1.202	2.920	1.202	2.920
% of Total BTU Burned						
Gas	-	100.00%	43.23%	11.79%	43.23%	11.79%
Oil	100.00%	-	56.77%	88.21%	56.77%	88.21%
BTU Per Net KWH Generation						
Gas	-	9,992.933	4,822.316	1,448.280	4,822.316	1,448.280
Oil	(12,004.802)	-	6,332.602	10,838.784	6,332.602	10,838.784

Entity ID: Audrain CTG

Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Cost Per MMBTU Burned						
Natural Gas		- 3,230.560	1,215.108	6,049.742	1,215.108	6,049.742

Cost Per Ton of Coal Burned

Entity ID: Sioux-Rush Island Transfer Facility Report: Electric Generating Plant Statistics Period: Dec

Year: 2018

Rpt #: FERC GA19611_[5] Ex. AA-D-2

	Current Month Activity	Prior Year Same Month Activity	Current Year Year-to-Date Activity	Prior Year Year-to-Date Activity	Current Year 12 Months End Activity	Prior Year 12 Months End Activity
Energy Input for Pumping (MWHR)			-	-	-	
Total Production Cost						
Fuel - Coal			-	-	-	-
Fuel Handling			-	-	-	-
Maintenance	-	<u>-</u>		14,590	-	14,590
Total			-	14,590	-	14,590
Quantity of Fuel Burned						
Production Cost per Net KWH						
% of Total BTU Burned						
Oil			-	-	-	-

BTU Per Net KWH Generation

Cost Per MMBTU Burned

Cost Per Ton of Coal Burned